

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF032317\
 Data File : BF093879.D
 Acq On : 23 Mar 2017 15:23
 Operator : SJ/MA
 Sample : PB97768BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB97768BS

Manual Integrations
 APPROVED

mohammad
 3/24/2017 4:10:41 PM

Quant Time: Mar 24 02:03:42 2017
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF032217.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Mar 23 02:02:22 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	5.97	152	182533	20.00	ng	-0.01
21) Naphthalene-d8	7.48	136	739377	20.00	ng	-0.01
38) Acenaphthene-d10	9.63	164	337632	20.00	ng	-0.01
63) Phenanthrene-d10	11.45	188	587648	20.00	ng	-0.01
75) Chrysene-d12	14.71	240	450934	20.00	ng	0.00
86) Perylene-d12	16.34	264	322097	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	4.51	112	1396727	129.24	ng	0.00
7) Phenol-d6	5.57	99	1774823	132.75	ng	0.00
23) Nitrobenzene-d5	6.63	82	1091248	84.23	ng	-0.01
41) 2,4,6-Tribromophenol	10.60	330	374364	140.32	ng	0.00
44) 2-Fluorobiphenyl	8.81	172	1956711	88.40	ng	-0.01
78) Terphenyl-d14	13.43	244	1629533	81.00	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.42	88	187056	36.03	ng	99
3) Pyridine	2.88	79	540292	38.18	ng	98
4) n-Nitrosodimethylamine	2.85	42	253499	43.54	ng	91
6) Aniline	5.60	93	318327	17.12	ng	96
8) 2-Chlorophenol	5.74	128	542458	45.67	ng	95
9) Benzaldehyde	5.46	77	157908	17.49	ng	97
10) Phenol	5.58	94	652053	42.86	ng	92
11) bis(2-Chloroethyl)ether	5.68	93	504409	42.43	ng	97
12) 1,3-Dichlorobenzene	5.91	146	569048	42.71	ng	99
13) 1,4-Dichlorobenzene	5.99	146	584085	43.28	ng	95
14) 1,2-Dichlorobenzene	6.17	146	535447	43.08	ng	95
15) Benzyl Alcohol	6.14	79	466737	47.70	ng	97
16) 2,2'-oxybis(1-Chloropropan	6.30	45	746839	40.76	ng	98
17) 2-Methylphenol	6.27	107	462820	45.49	ng	98
18) Hexachloroethane	6.57	117	203491	42.90	ng	# 86
19) n-Nitroso-di-n-propylamine	6.46	70	373983	43.52	ng	96
20) 3+4-Methylphenols	6.45	107	543780	44.13	ng	93
22) Acetophenone	6.45	105	719030	43.63	ng	# 96
24) Nitrobenzene	6.65	77	548492	42.93	ng	95
25) Isophorone	6.93	82	1010418	44.38	ng	97
26) 2-Nitrophenol	7.02	139	301274	49.44	ng	97
27) 2,4-Dimethylphenol	7.08	122	502034	47.81	ng	98
28) bis(2-Chloroethoxy)methane	7.20	93	647850	43.15	ng	99
29) 2,4-Dichlorophenol	7.32	162	465200	47.39	ng	99
30) 1,2,4-Trichlorobenzene	7.42	180	453982	44.90	ng	99
31) Naphthalene	7.51	128	1525253	42.90	ng	99
32) Benzoic acid	7.24	122	374777	53.62	ng	94
33) 4-Chloroaniline	7.57	127	99136	6.88	ng	# 90
34) Hexachlorobutadiene	7.66	225	226896	43.76	ng	98
35) Caprolactam	8.02	113	156425m	49.97	ng	
36) 4-Chloro-3-methylphenol	8.17	107	493682	48.13	ng	88
37) 2-Methylnaphthalene	8.35	142	1063760	44.89	ng	99
39) 1,2,4,5-Tetrachlorobenzene	8.56	216	377302	40.85	ng	99
40) Hexachlorocyclopentadiene	8.55	237	426715	98.73	ng	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	8.70	196	321394	49.18	ng	99
43) 2,4,5-Trichlorophenol	8.75	196	318276	45.01	ng	95
45) 1,1'-Biphenyl	8.93	154	1181559	43.39	ng	97
46) 2-Chloronaphthalene	8.95	162	933231	43.78	ng	94
47) 2-Nitroaniline	9.07	65	281545	44.52	ng	# 83
48) Acenaphthylene	9.46	152	1509194	42.60	ng	100
49) Dimethylphthalate	9.32	163	1099397	45.81	ng	100
50) 2,6-Dinitrotoluene	9.37	165	251594	45.73	ng	# 85
51) Acenaphthene	9.67	154	888984	43.00	ng	99
52) 3-Nitroaniline	9.57	138	95691	14.81	ng	92
53) 2,4-Dinitrophenol	9.71	184	284164	95.56	ng	# 73
54) Dibenzofuran	9.89	168	1300766	46.22	ng	99
55) 4-Nitrophenol	9.80	139	468948	92.69	ng	# 68
56) 2,4-Dinitrotoluene	9.87	165	320717	46.41	ng	# 78
57) Fluorene	10.30	166	966304	41.41	ng	99
58) 2,3,4,6-Tetrachlorophenol	10.03	232	245301	50.56	ng	98
59) Diethylphthalate	10.19	149	1074055	45.28	ng	99
60) 4-Chlorophenyl-phenylether	10.31	204	410235	41.26	ng	92
61) 4-Nitroaniline	10.34	138	271185	43.74	ng	98
62) Azobenzene	10.50	77	1065633	47.49	ng	97
64) 4,6-Dinitro-2-methylphenol	10.37	198	181015	50.30	ng	# 72
65) n-Nitrosodiphenylamine	10.46	169	912788	44.92	ng	99
66) 4-Bromophenyl-phenylether	10.91	248	261943	45.32	ng	99
67) Hexachlorobenzene	10.98	284	265361	45.36	ng	# 85
68) Atrazine	11.13	200	273895	45.00	ng	97
69) Pentachlorophenol	11.22	266	322317	88.51	ng	99
70) Phenanthrene	11.49	178	1424610	43.58	ng	100
71) Anthracene	11.55	178	1477536	43.90	ng	100
72) Carbazole	11.75	167	1404923	40.71	ng	98
73) Di-n-butylphthalate	12.20	149	1648556	45.93	ng	99
74) Fluoranthene	12.95	202	1478064	44.16	ng	99
76) Benzidine	13.11	184	474752	26.60	ng	# 94
77) Pyrene	13.23	202	1490290	45.54	ng	99
79) Butylbenzylphthalate	14.04	149	703681	50.47	ng	# 83
80) Benzo(a)anthracene	14.70	228	1187743	45.17	ng	98
81) 3,3'-Dichlorobenzidine	14.67	252	173812	18.49	ng	# 95
82) Chrysene	14.74	228	1056094	43.28	ng	100
83) Bis(2-ethylhexyl)phthalate	14.76	149	926050	48.68	ng	# 99
84) Di-n-octyl phthalate	15.52	149	1440014	45.31	ng	98
85) Indeno(1,2,3-cd)pyrene	17.73	276	813373	38.49	ng	99
87) Benzo(b)fluoranthene	15.93	252	931345	47.17	ng	98
88) Benzo(k)fluoranthene	15.96	252	861778	44.61	ng	96
89) Benzo(a)pyrene	16.29	252	834583	45.90	ng	100
90) Dibenzo(a,h)anthracene	17.76	278	676845	43.96	ng	97
91) Benzo(g,h,i)perylene	18.15	276	697519	44.95	ng	100

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

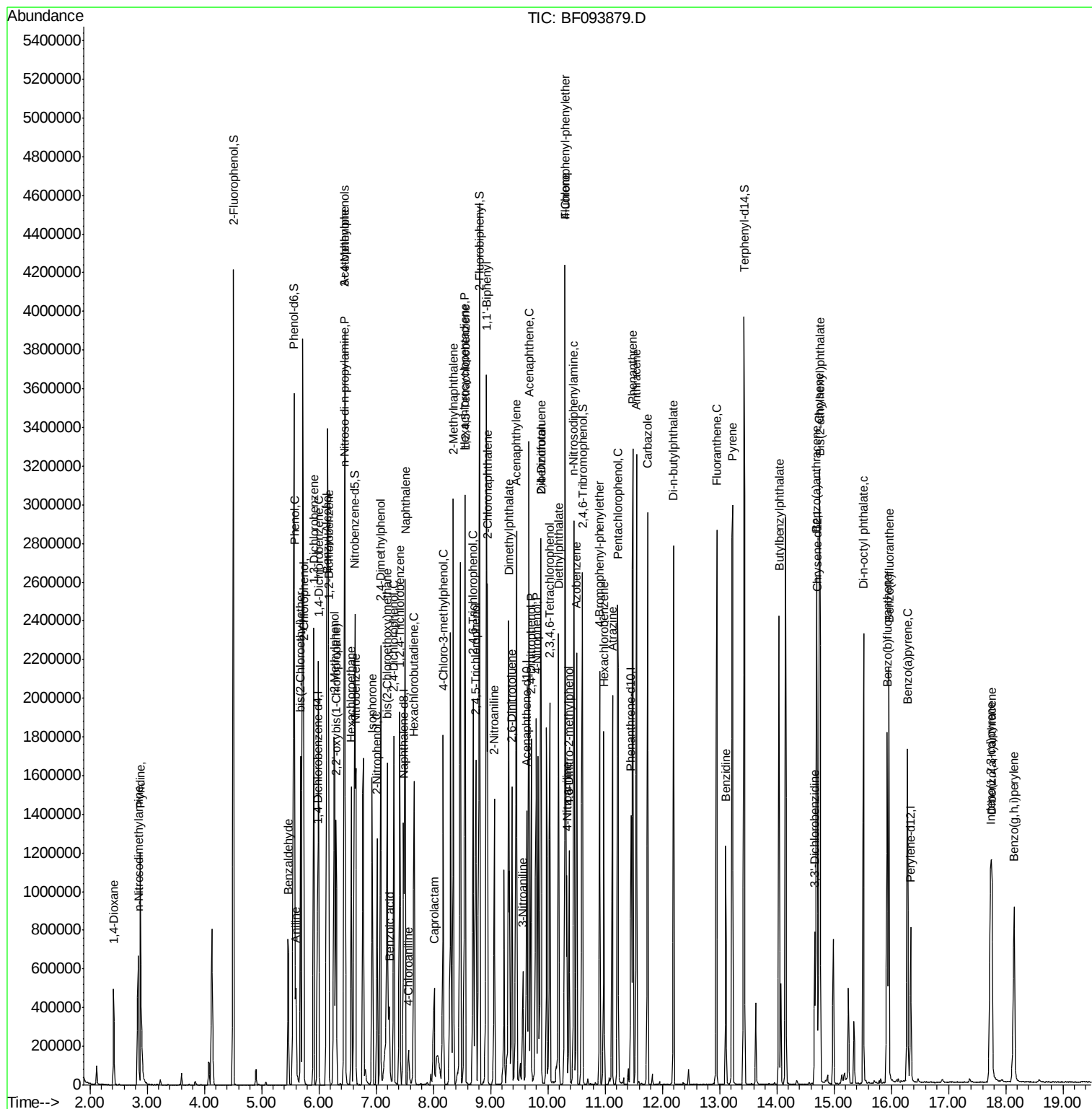
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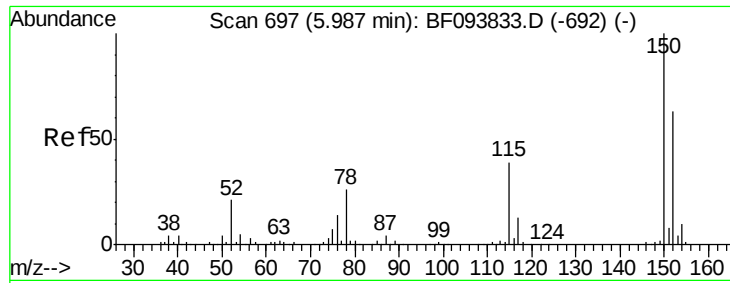
Instrument :
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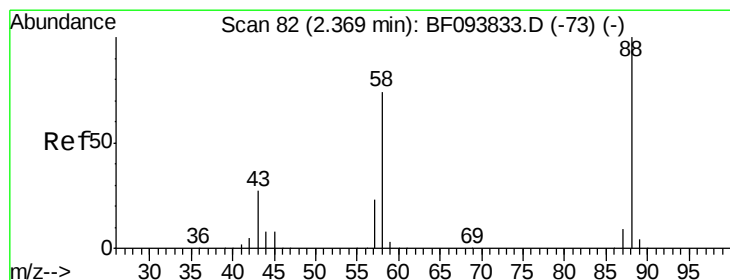
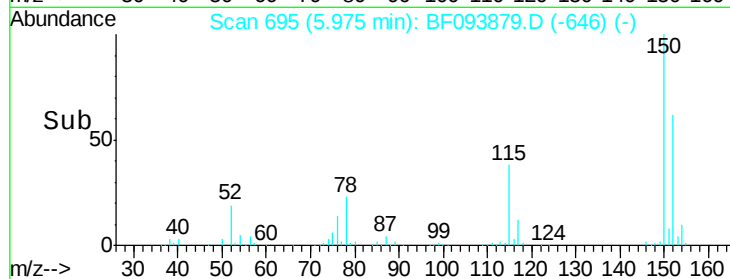
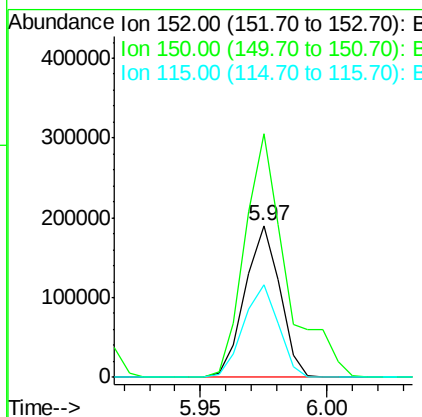
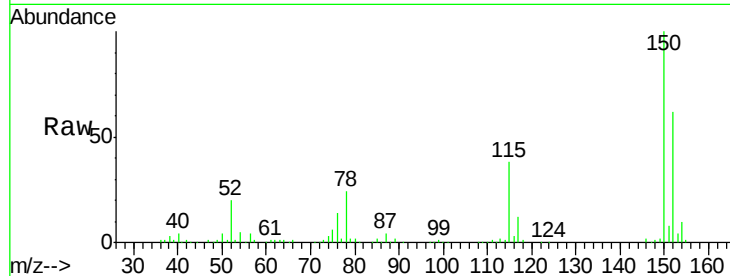
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 5.97 min Scan# 695
 Delta R.T. -0.01 min
 Lab File: BF093879.D
 Acq: 23 Mar 2017 15:23

Instrument :
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 ClientSampleId :
 PB97768BS

Tgt Ion	Ratio	Lower	Upper
152	100		
150	160.5	126.2	189.2
115	60.6	52.2	78.2

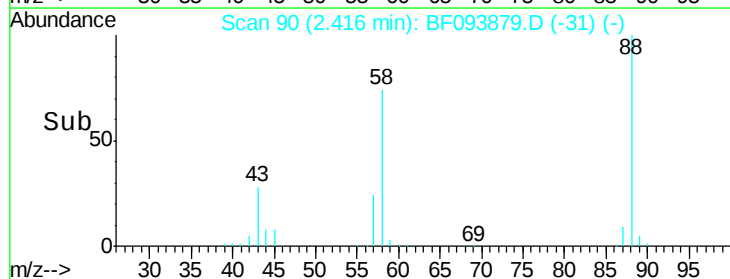
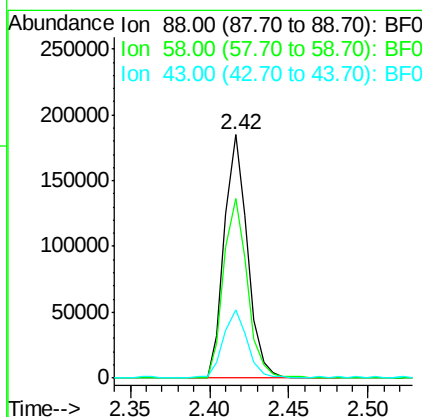
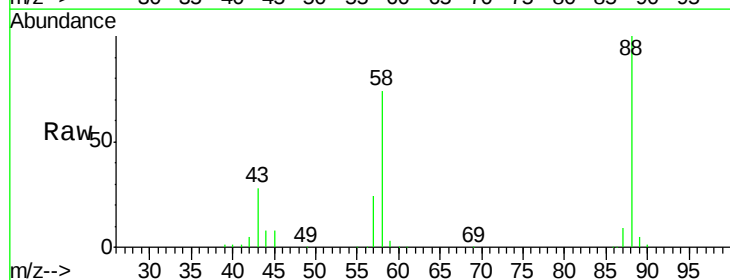
Manual Integrations
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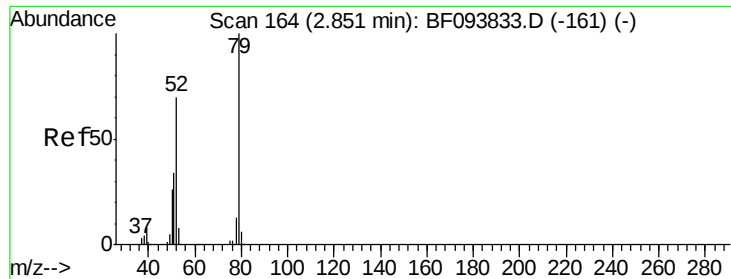
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#2
 1,4-Dioxane
 Concen: 36.03 ng
 RT: 2.42 min Scan# 90
 Delta R.T. 0.05 min
 Lab File: BF093879.D
 Acq: 23 Mar 2017 15:23

Tgt Ion	Ratio	Lower	Upper
88	100		
58	75.8	61.4	92.0
43	28.1	23.4	35.0





#3

Pyridine

Concen: 38.18 ng

RT: 2.88 min Scan# 169

Delta R.T. 0.03 min

Lab File: BF093879.D

Acq: 23 Mar 2017 15:23

Instrument :

BNA_F

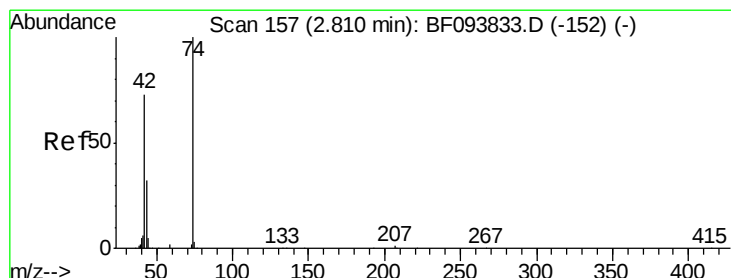
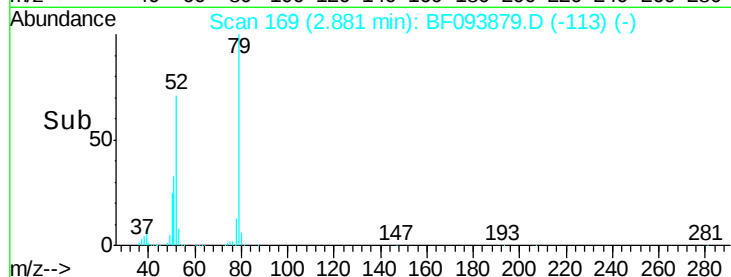
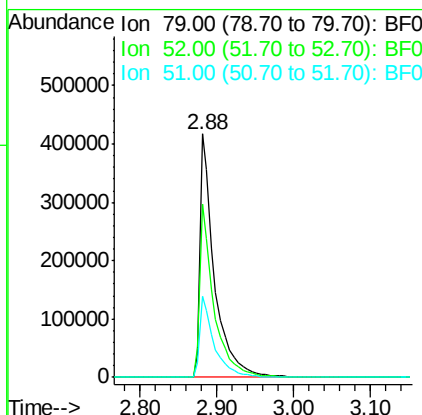
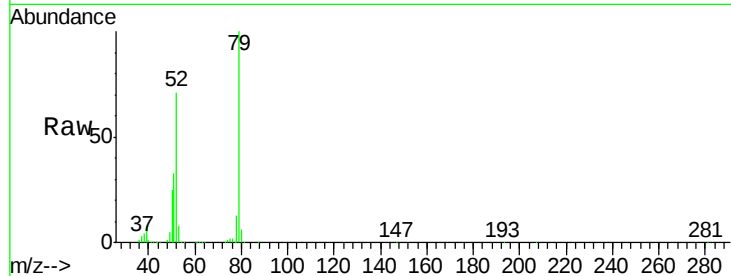
ClientSampleId :

PB97768BS

Tgt Ion:	79	Resp:	540292
Ion Ratio	Lower	Upper	
79	100		
52	71.1	54.8	82.2
51	33.5	27.0	40.4

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#4

n-Nitrosodimethylamine

Concen: 43.54 ng

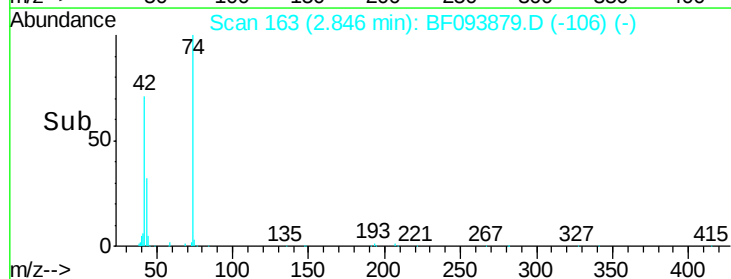
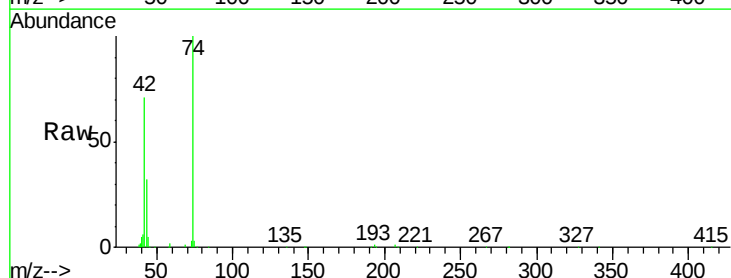
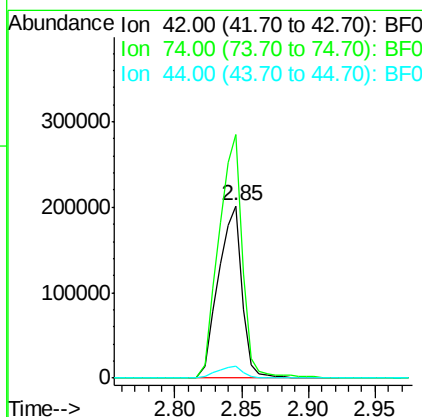
RT: 2.85 min Scan# 163

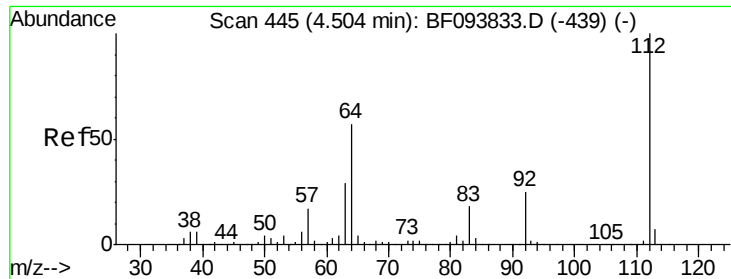
Delta R.T. 0.04 min

Lab File: BF093879.D

Acq: 23 Mar 2017 15:23

Tgt Ion:	42	Resp:	253499
Ion Ratio	Lower	Upper	
42	100		
74	141.2	103.9	155.9
44	7.0	5.7	8.5





#5

2-Fluorophenol

Concen: 129.24 ng

RT: 4.51 min Scan# 446

Delta R.T. 0.01 min

Lab File: BF093879.D

Acq: 23 Mar 2017 15:23

Instrument :

BNA_F

ClientSampleId :

PB97768BS

Tgt Ion: 112 Resp: 1396727

Ion Ratio Lower Upper

112 100

64 56.7 46.0 69.0

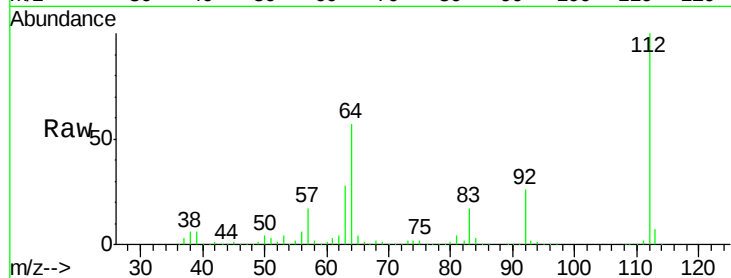
63 27.7 23.4 35.0

Manual Integrations

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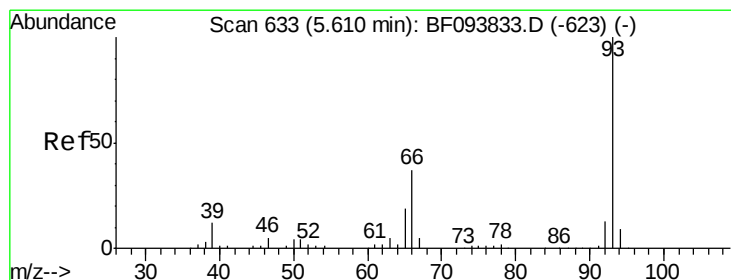
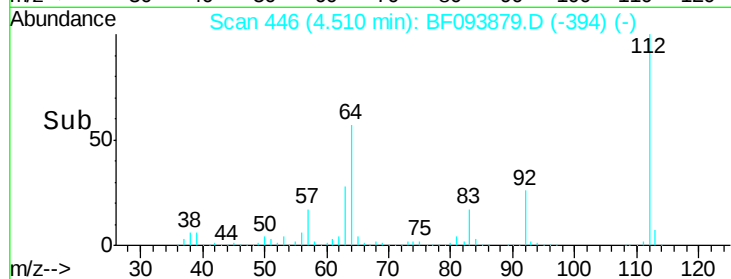
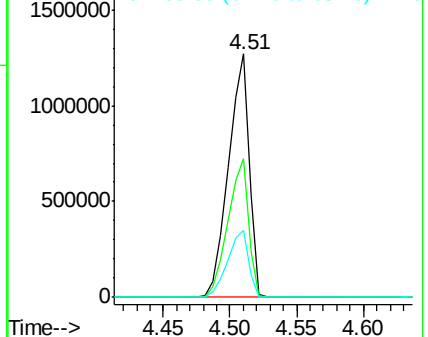
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Abundance Ion 112.00 (111.70 to 112.70): BF0

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 17.12 ng

RT: 5.60 min Scan# 631

Delta R.T. -0.01 min

Lab File: BF093879.D

Acq: 23 Mar 2017 15:23

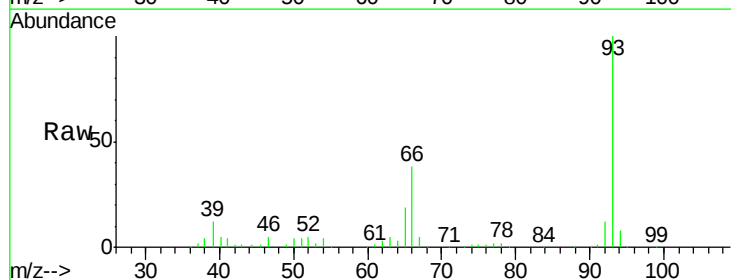
Tgt Ion: 93 Resp: 318327

Ion Ratio Lower Upper

93 100

66 37.9 32.9 49.3

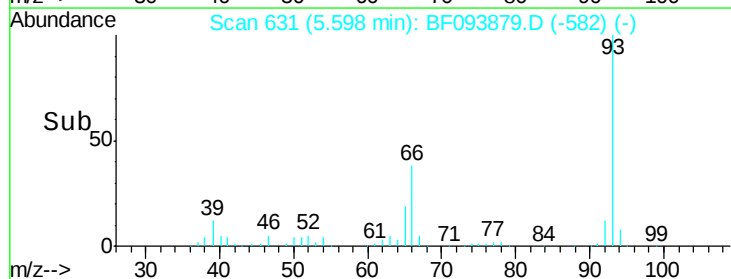
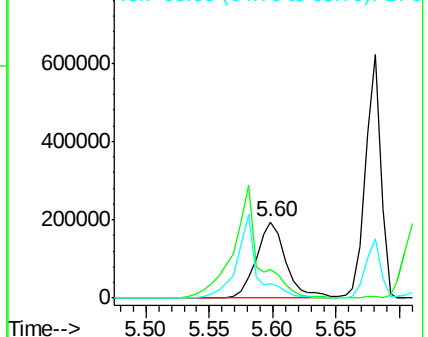
65 18.8 16.0 24.0

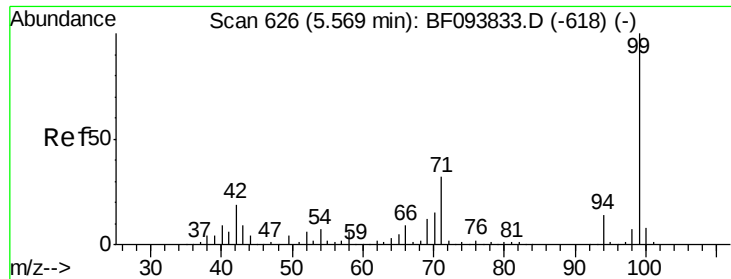


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 132.75 ng

RT: 5.57 min Scan# 626

Delta R.T. 0.00 min

Lab File: BF093879.D

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Tgt Ion: 99 Resp: 1774823

Ion Ratio Lower Upper

99 100

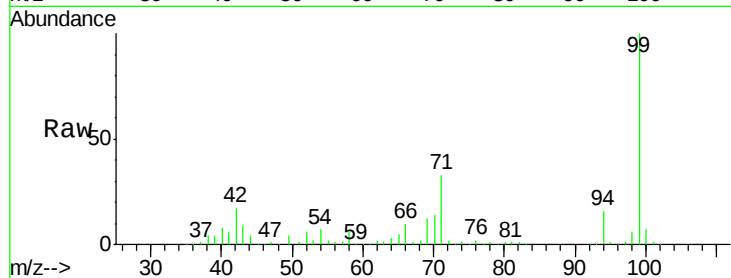
42 17.5 13.5 20.3

71 32.9 24.5 36.7

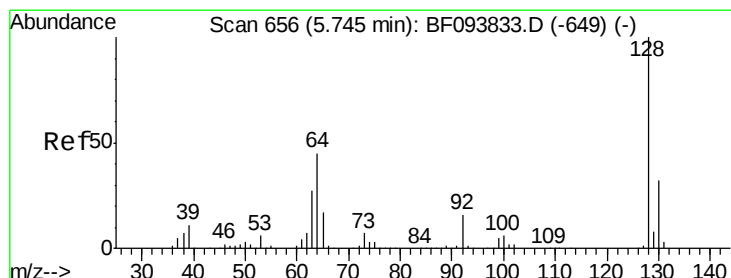
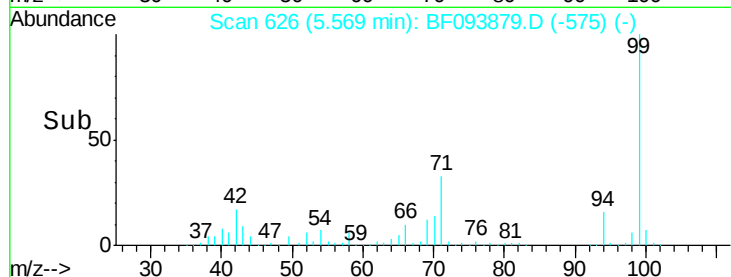
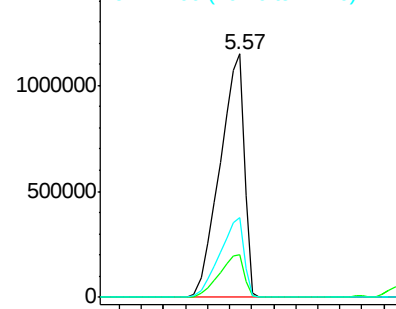
Manual Integrations
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Abundance Ion 99.00 (98.70 to 99.70): BF0
Ion 42.00 (41.70 to 42.70): BF0
Ion 71.00 (70.70 to 71.70): BF0



#8

2-Chlorophenol

Concen: 45.67 ng

RT: 5.74 min Scan# 655

Delta R.T. -0.01 min

Lab File: BF093879.D

Acq: 23 Mar 2017 15:23

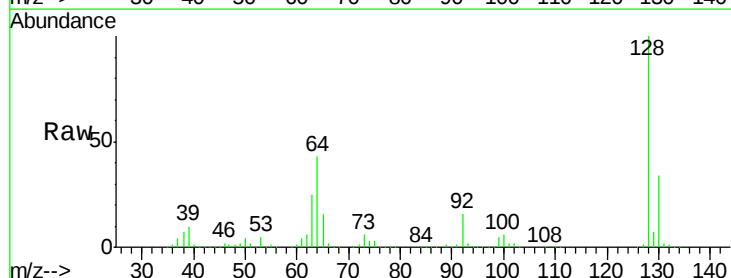
Tgt Ion: 128 Resp: 542458

Ion Ratio Lower Upper

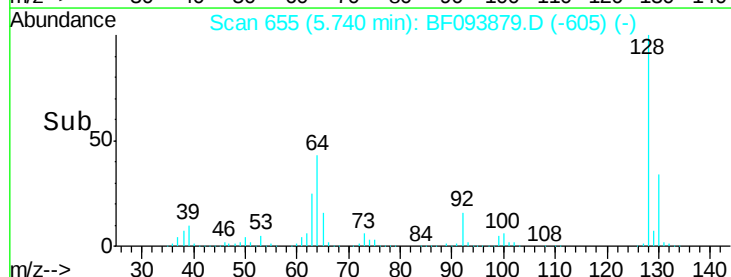
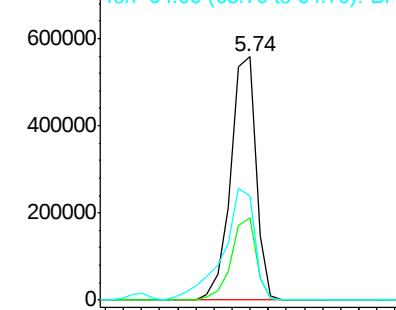
128 100

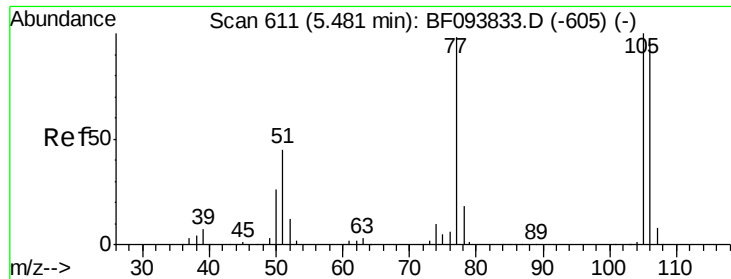
130 33.6 12.9 52.9

64 42.9 28.4 68.4



Abundance Ion 128.00 (127.70 to 128.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 64.00 (63.70 to 64.70): BF0





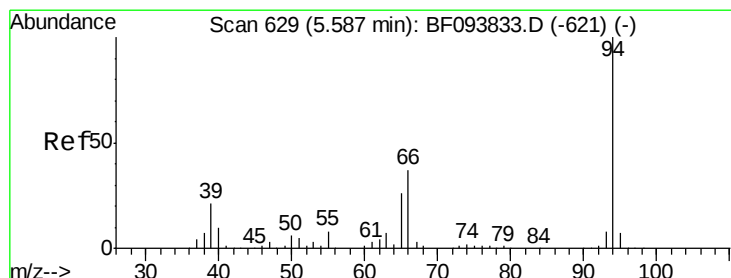
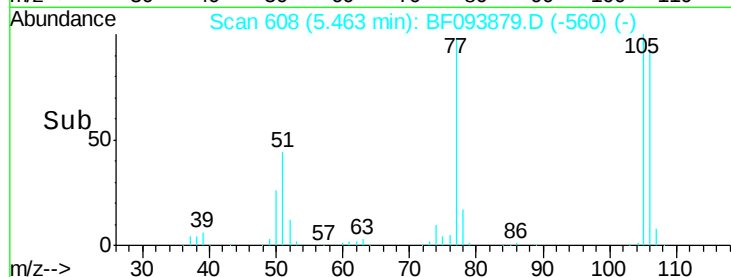
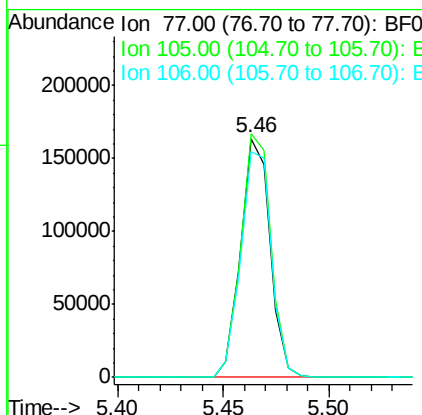
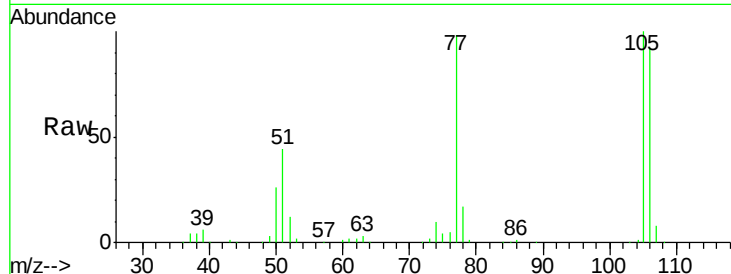
#9
Benzaldehyde
Concen: 17.49 ng
RT: 5.46 min Scan# 608
Delta R.T. -0.02 min
Lab File: BF093879.D
Acq: 23 Mar 2017 15:23

Instrument :
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ClientSampleId :
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Tgt Ion: 77 Resp: 157908
Ion Ratio Lower Upper
77 100
105 102.0 83.8 123.8
106 94.3 79.1 119.1

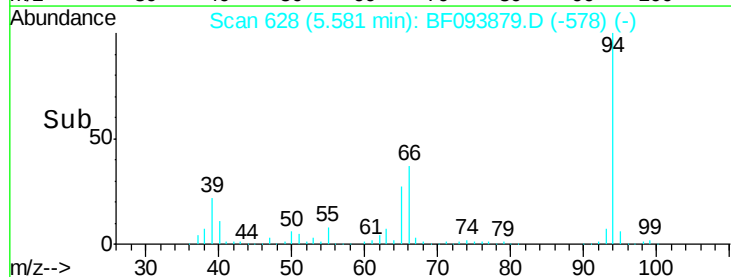
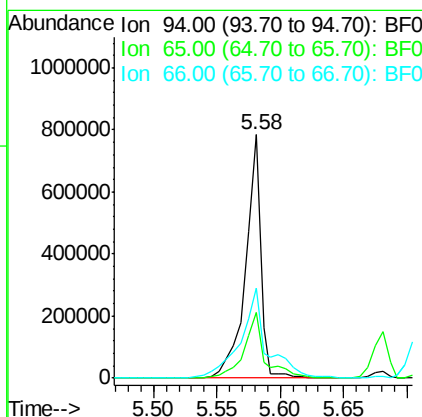
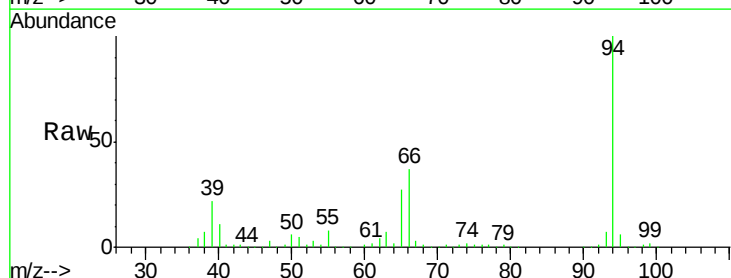
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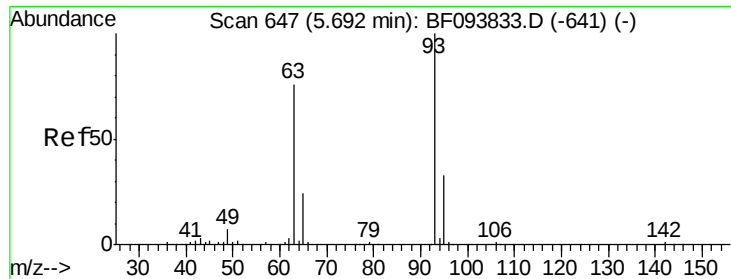
mohammad
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#10
Phenol
Concen: 42.86 ng
RT: 5.58 min Scan# 628
Delta R.T. -0.01 min
Lab File: BF093879.D
Acq: 23 Mar 2017 15:23

Tgt Ion: 94 Resp: 652053
Ion Ratio Lower Upper
94 100
65 27.0 9.9 49.9
66 36.9 23.1 63.1





#11

bis(2-Chloroethyl)ether

Concen: 42.43 ng

RT: 5.68 min Scan# 645

Delta R.T. -0.01 min

Lab File: BF093879.D

Acq: 23 Mar 2017 15:23

Instrument :

BNA_F

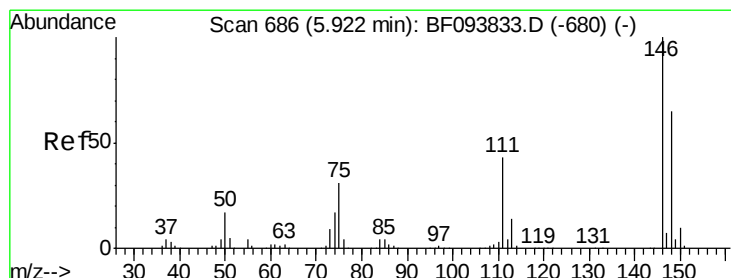
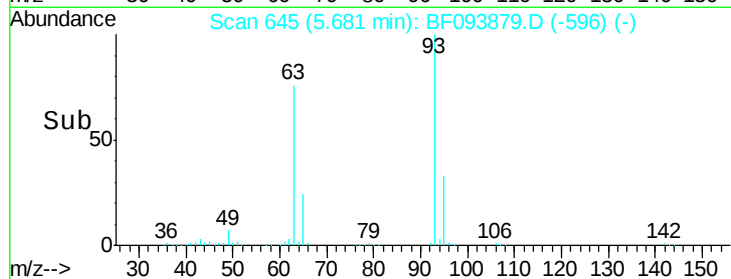
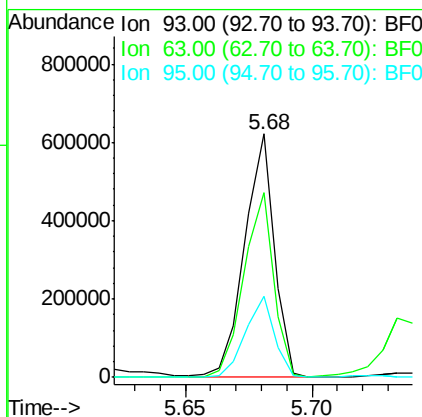
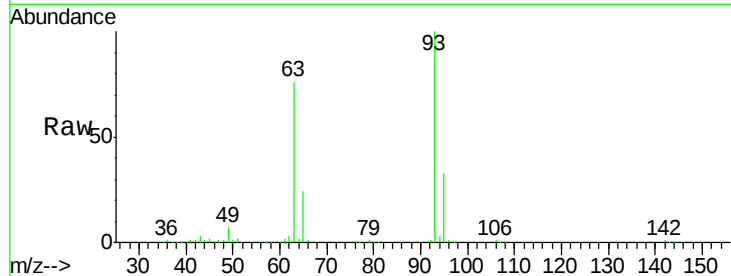
ClientSampleId :

PB97768BS

Tgt Ion:	93	Resp:	504409
Ion	Ratio	Lower	Upper
93	100		
63	75.8	59.2	99.2
95	33.3	12.8	52.8

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#12

1,3-Dichlorobenzene

Concen: 42.71 ng

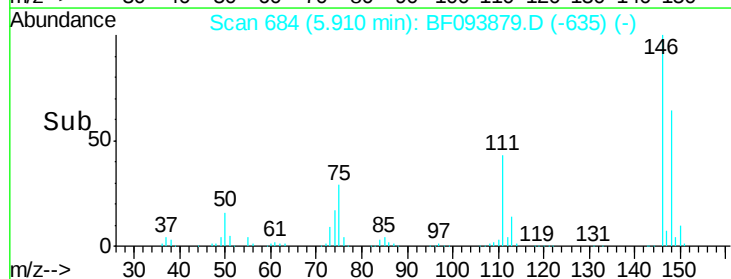
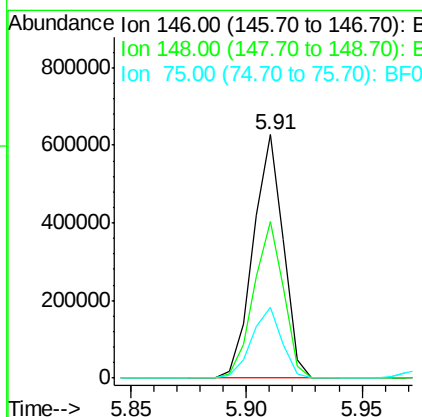
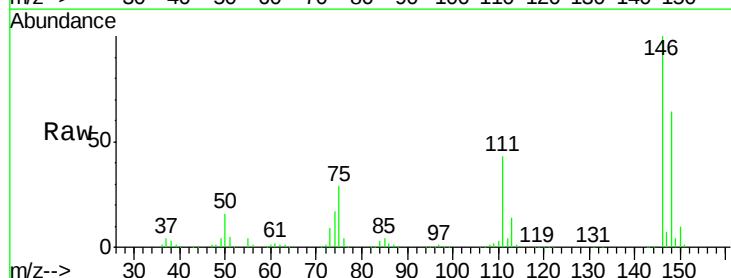
RT: 5.91 min Scan# 684

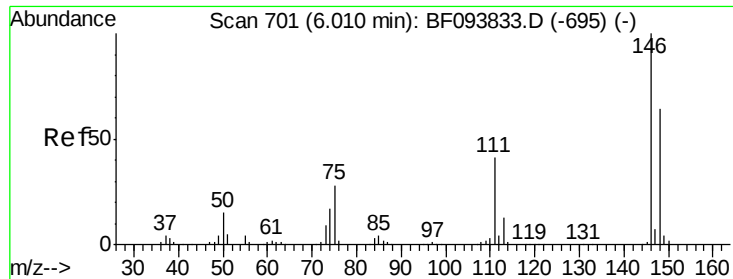
Delta R.T. -0.01 min

Lab File: BF093879.D

Acq: 23 Mar 2017 15:23

Tgt Ion:	146	Resp:	569048
Ion	Ratio	Lower	Upper
146	100		
148	64.2	51.8	77.6
75	29.3	23.1	34.7





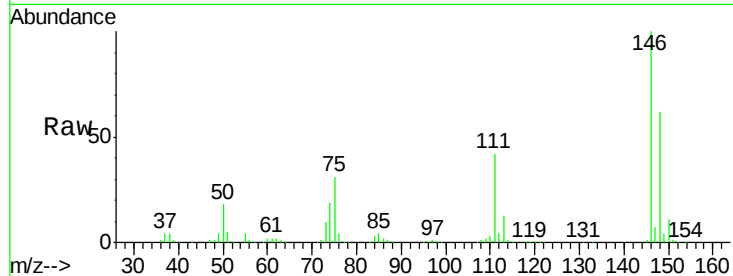
#13
 1,4-Dichlorobenzene
 Concen: 43.28 ng
 RT: 5.99 min Scan# 698
 Delta R.T. -0.02 min
 Lab File: BF093879.D
 Acq: 23 Mar 2017 15:23

Instrument :
 BNA_F
 ClientSampleId :
 PB97768BS

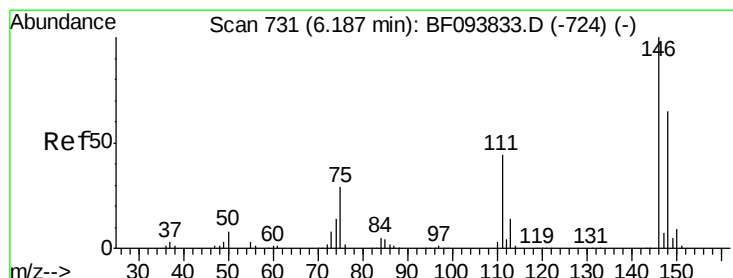
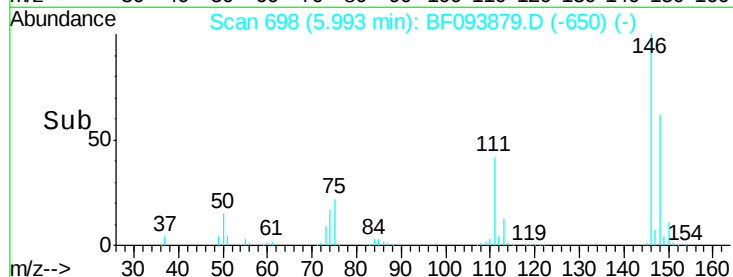
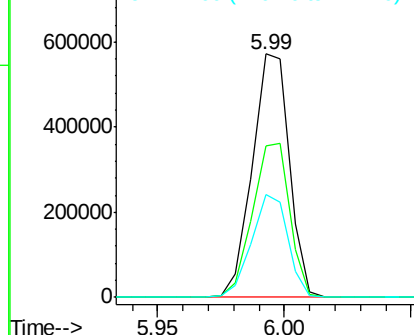
Tgt Ion	Ratio	Resp	Lower	Upper
146	100	584085		
148	62.1	52.2	78.2	
111	42.0	30.3	45.5	

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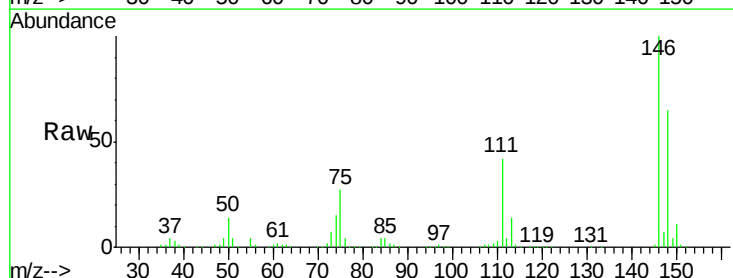


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

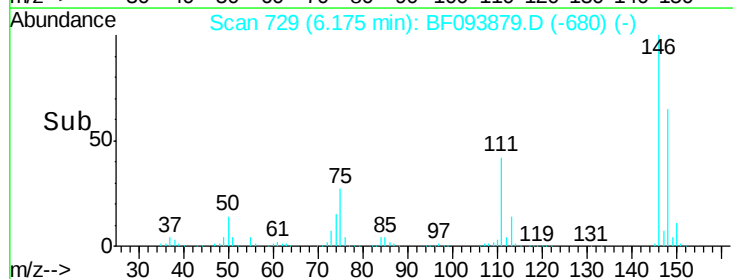
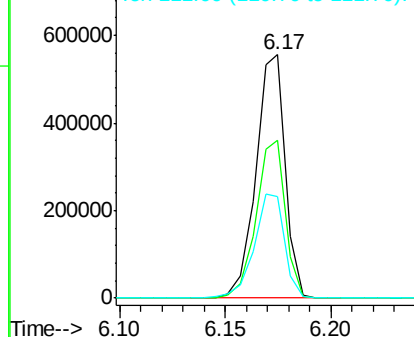


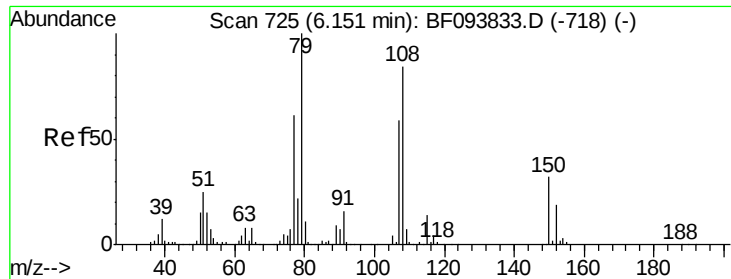
#14
 1,2-Dichlorobenzene
 Concen: 43.08 ng
 RT: 6.17 min Scan# 729
 Delta R.T. -0.01 min
 Lab File: BF093879.D
 Acq: 23 Mar 2017 15:23

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	535447		
148	64.9	50.4	75.6	
111	41.6	38.2	57.4	



Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 47.70 ng

RT: 6.14 min Scan# 723

Delta R.T. -0.01 min

Lab File: BF093879.D

Acq: 23 Mar 2017 15:23

Instrument :

BNA_F

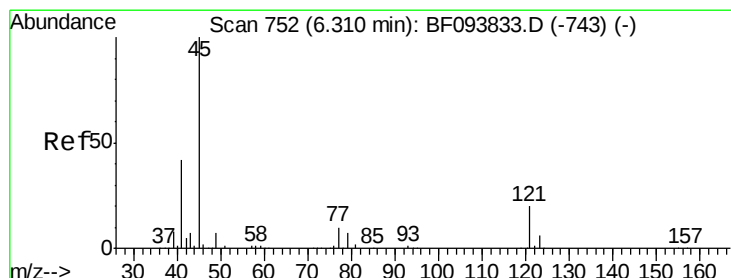
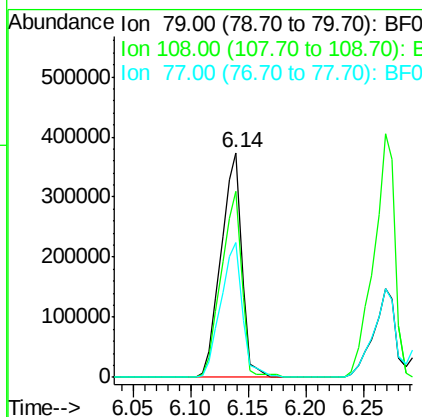
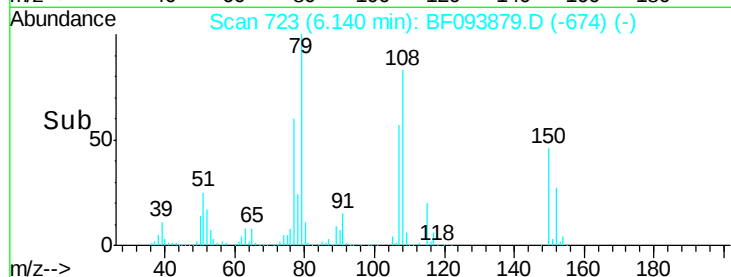
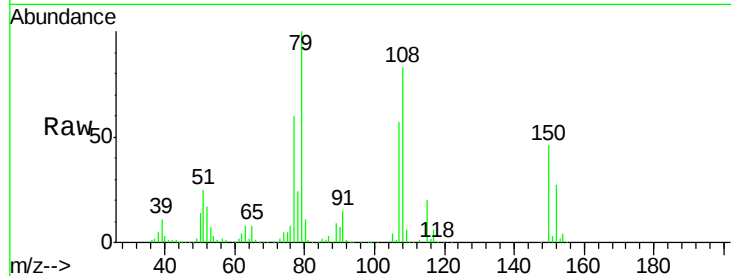
ClientSampleId :

PB97768BS

Tgt Ion:	79	Resp:	466737
Ion Ratio	Lower	Upper	
79	100		
108	82.7	63.4	95.0
77	60.3	49.2	73.8

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#16

2,2'-oxybis(1-Chloropropane)

Concen: 40.76 ng

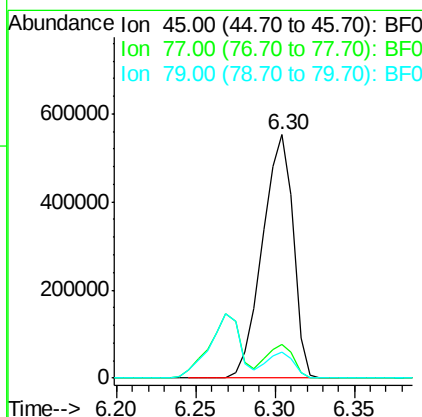
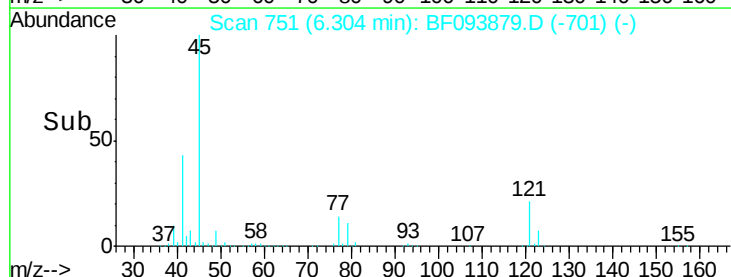
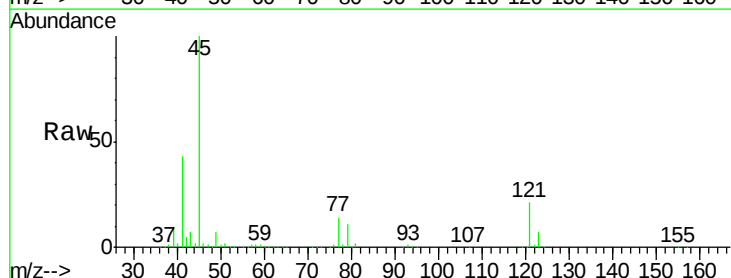
RT: 6.30 min Scan# 751

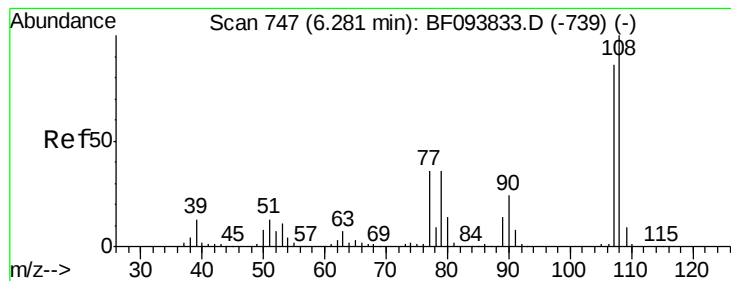
Delta R.T. -0.01 min

Lab File: BF093879.D

Acq: 23 Mar 2017 15:23

Tgt Ion:	45	Resp:	746839
Ion Ratio	Lower	Upper	
45	100		
77	13.9	0.0	33.2
79	10.8	0.0	30.0





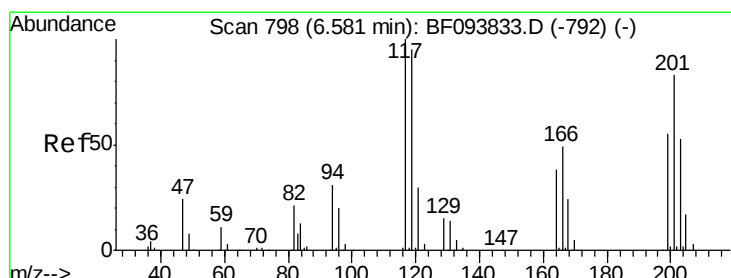
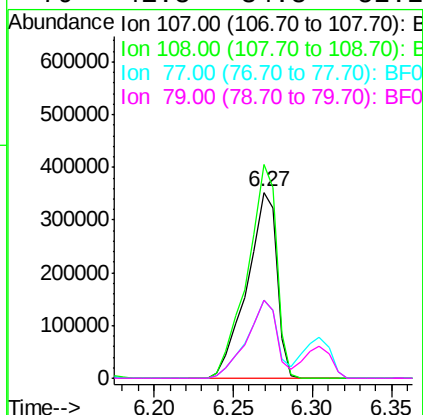
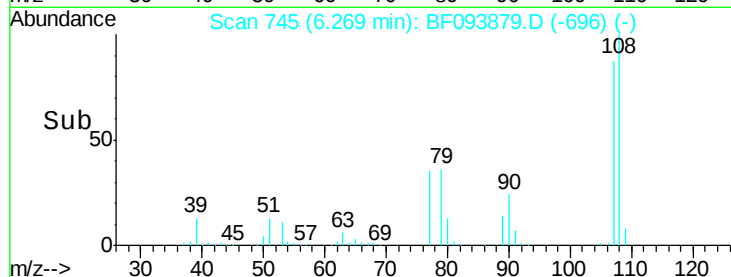
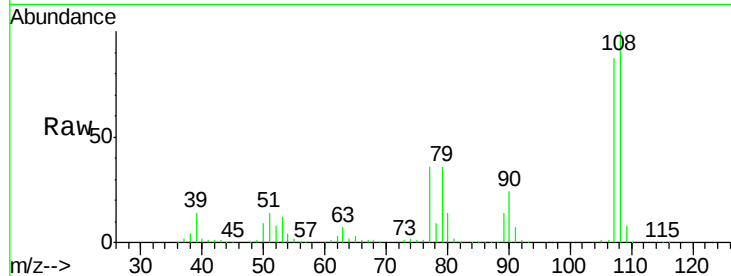
#17
2-Methylphenol
Concen: 45.49 ng
RT: 6.27 min Scan# 745
Delta R.T. -0.01 min
Lab File: BF093879.D
Acq: 23 Mar 2017 15:23

Instrument :
BNA_F
ClientSampleId :
PB97768BS

Tgt Ion	Ratio	Resp	Lower	Upper
107	100	462820		
108	114.9	93.4	140.0	
77	41.8	35.8	53.6	
79	41.8	34.8	52.2	

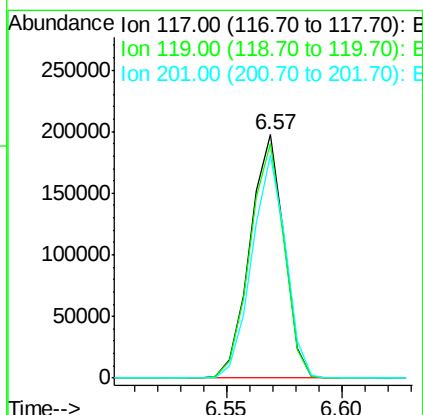
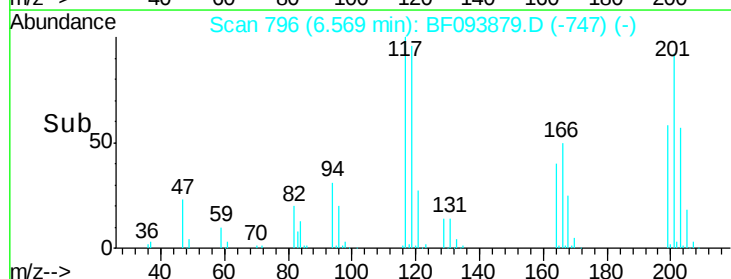
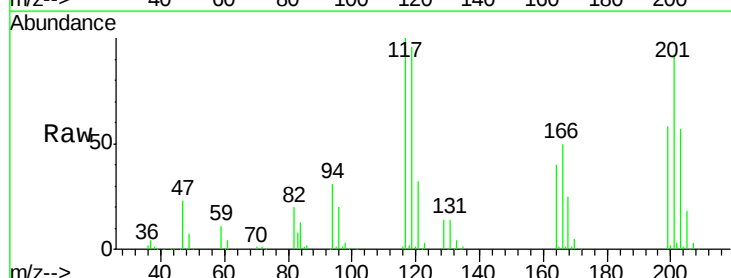
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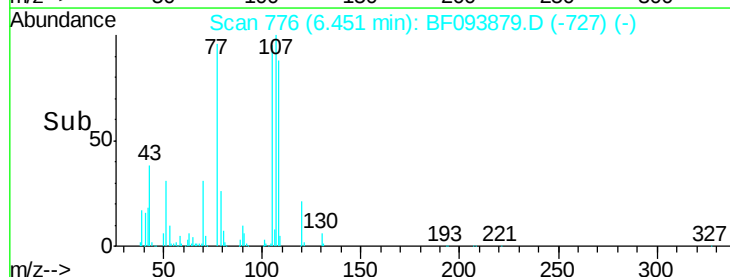
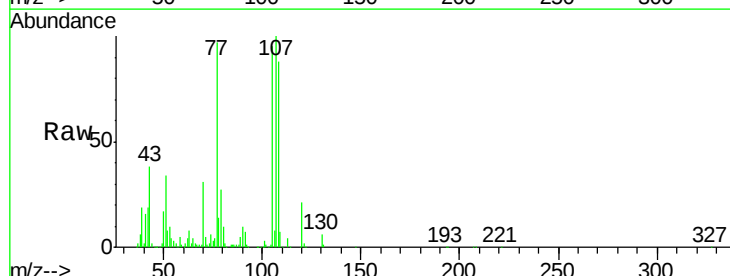
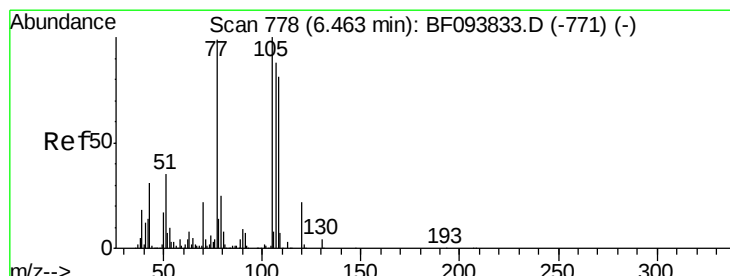
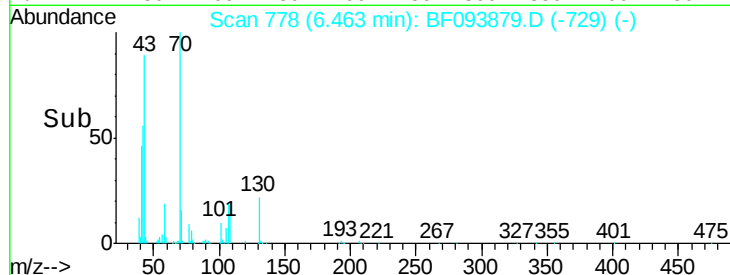
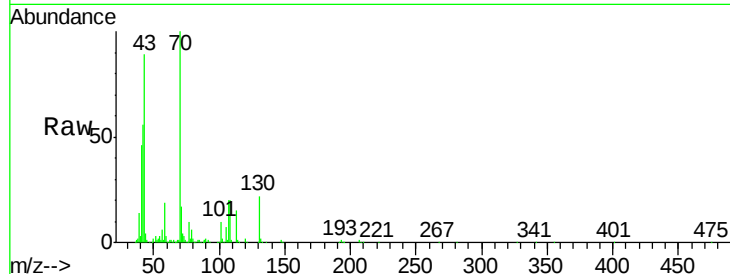
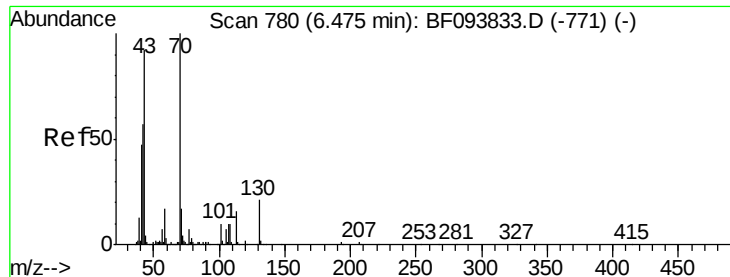
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#18
Hexachloroethane
Concen: 42.90 ng
RT: 6.57 min Scan# 796
Delta R.T. -0.01 min
Lab File: BF093879.D
Acq: 23 Mar 2017 15:23

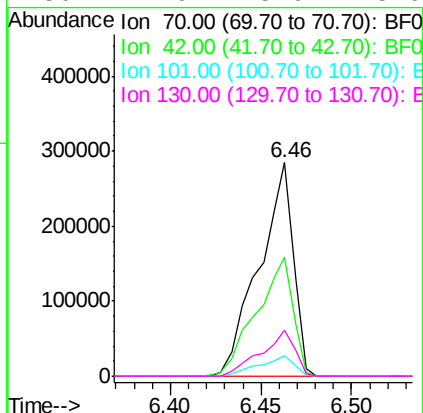
Tgt Ion	Ratio	Resp	Lower	Upper
117	100	203491		
119	96.2	77.4	116.0	
201	91.6	94.6	141.8#	





#19
n-Nitroso-di-n-propylamine
Concen: 43.52 ng
RT: 6.46 min Scan# 778
Delta R.T. -0.01 min
Lab File: BF093879.D
Acq: 23 Mar 2017 15:23

Tgt Ion	Ion	Ratio	Lower	Upper
70	100			
42	55.7	47.2	70.8	
101	9.8	7.2	10.8	
130	21.9	15.9	23.9	



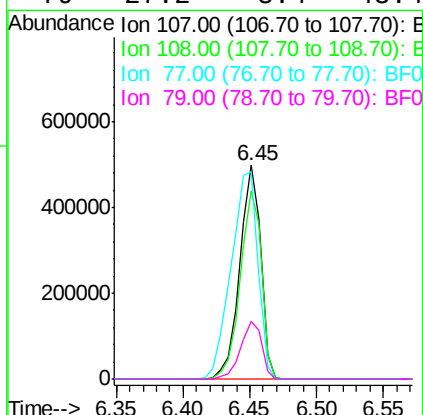
Instrument :
BNA_F
ClientSampleId :
PB97768BS

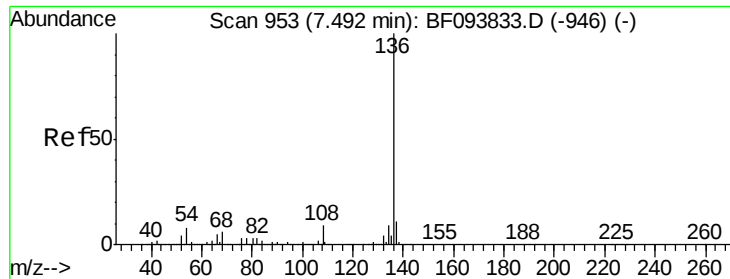
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#20
3+4-Methylphenols
Concen: 44.13 ng
RT: 6.45 min Scan# 776
Delta R.T. -0.01 min
Lab File: BF093879.D
Acq: 23 Mar 2017 15:23

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	88.4	71.0	111.0	
77	97.3	90.5	130.5	
79	27.2	8.4	48.4	





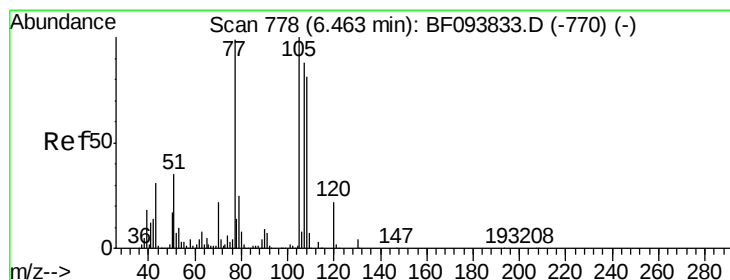
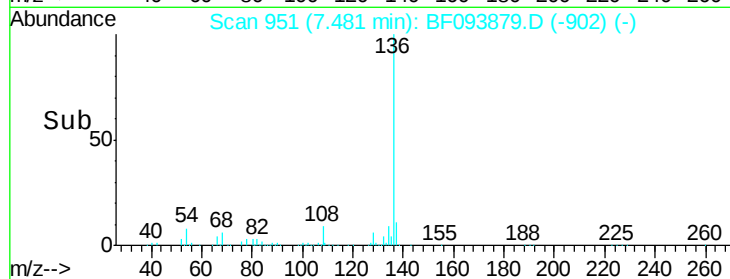
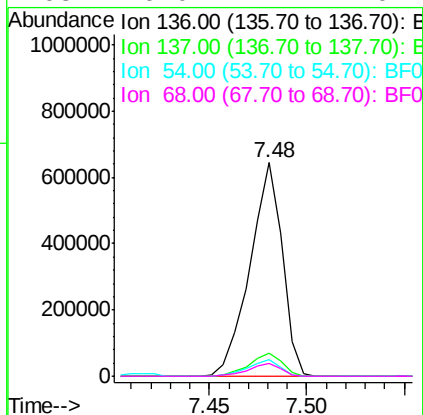
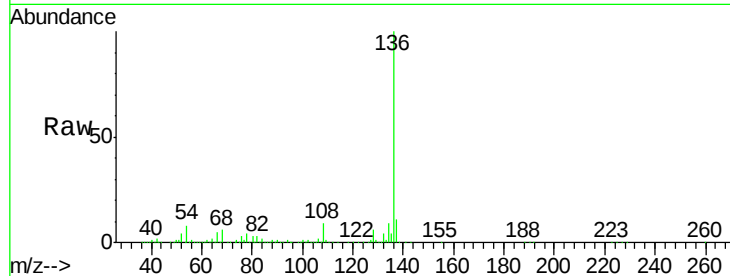
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.48 min Scan# 951
Delta R.T. -0.01 min
Lab File: BF093879.D
Acq: 23 Mar 2017 15:23

Instrument :
BNA_F
ClientSampleId :
PB97768BS

Tgt Ion	Ratio	Resp Lower	Resp Upper
136	100		
137	10.8	8.5	12.7
54	7.8	4.9	7.3#
68	6.0	4.1	6.1

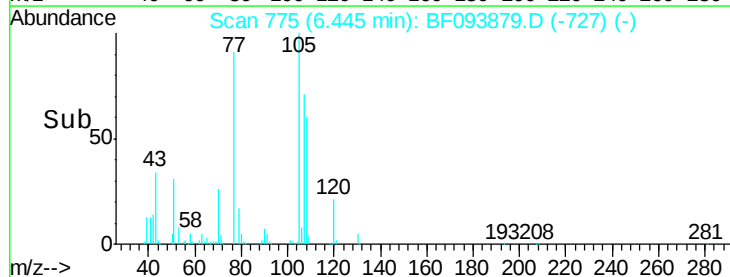
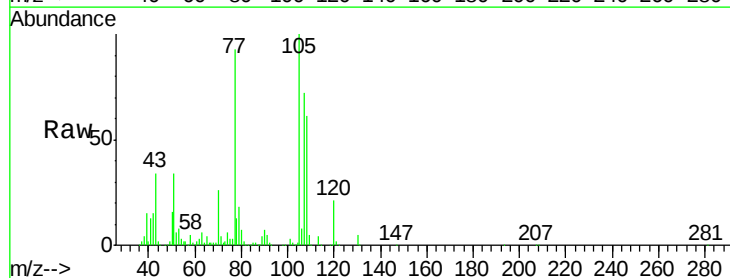
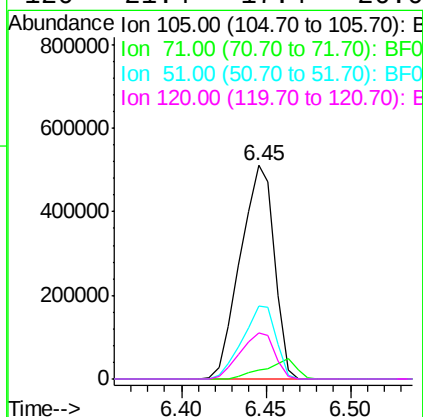
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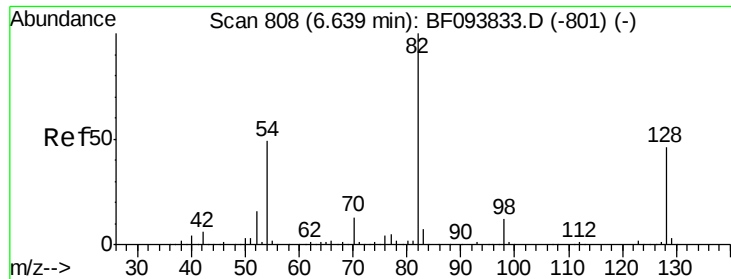
mohammad
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#22
Acetophenone
Concen: 43.63 ng
RT: 6.45 min Scan# 775
Delta R.T. -0.02 min
Lab File: BF093879.D
Acq: 23 Mar 2017 15:23

Tgt Ion	Ratio	Resp Lower	Resp Upper
105	100		
71	4.3	2.8	4.2#
51	34.3	30.7	46.1
120	21.4	17.4	26.0





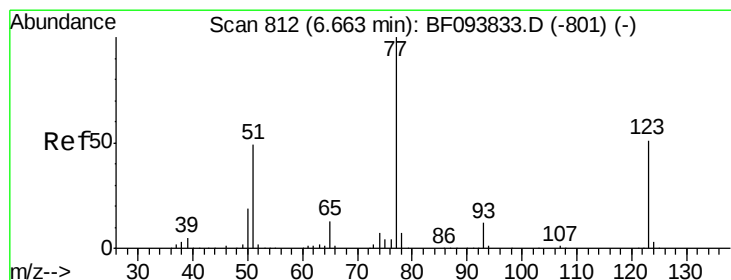
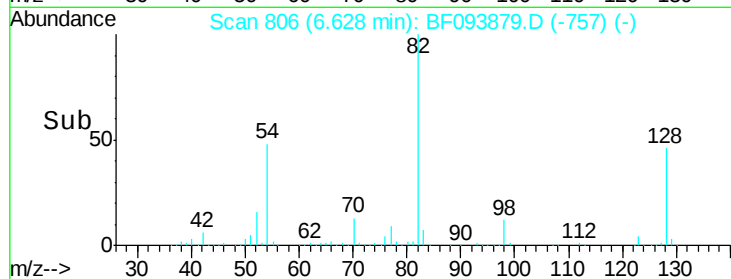
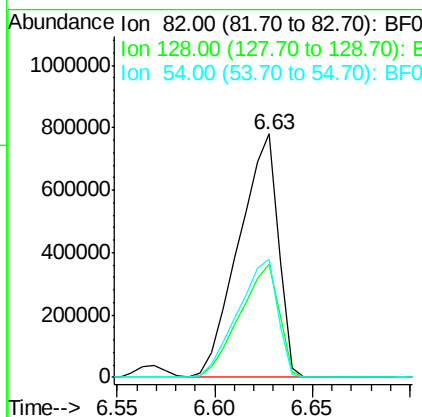
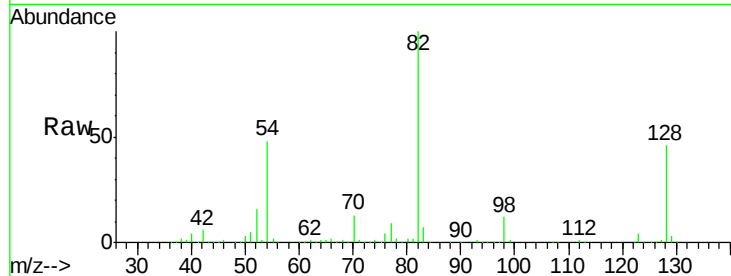
#23
 Nitrobenzene-d5
 Concen: 84.23 ng
 RT: 6.63 min Scan# 806
 Delta R.T. -0.01 min
 Lab File: BF093879.D
 Acq: 23 Mar 2017 15:23

Instrument :
 BNA_F
 ClientSampled :
 PB97768BS

Tgt Ion: 82 Resp: 1091248
 Ion Ratio Lower Upper
 82 100
 128 46.3 34.0 51.0
 54 48.3 42.2 63.2

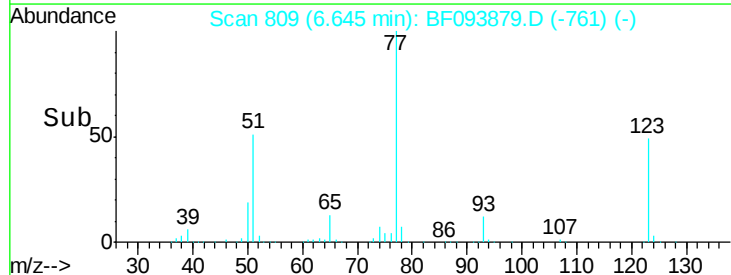
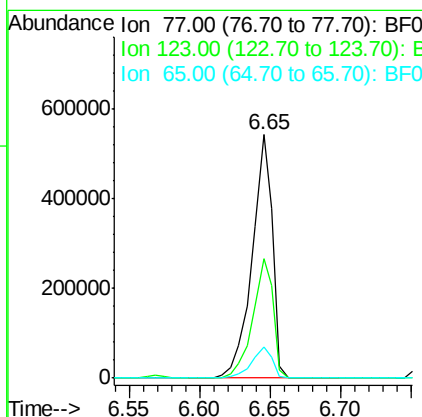
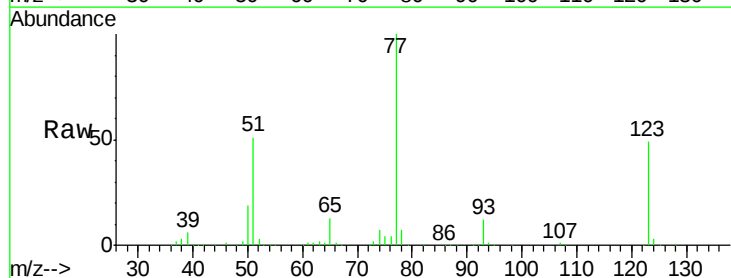
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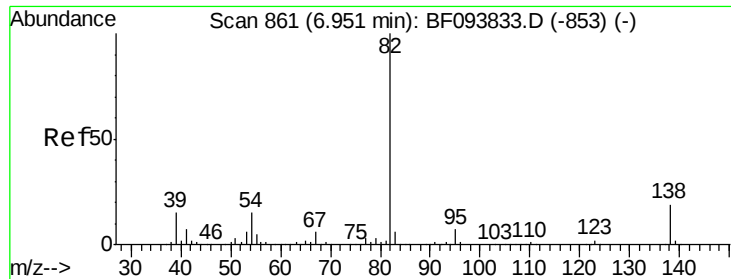
mohammad
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#24
 Nitrobenzene
 Concen: 42.93 ng
 RT: 6.65 min Scan# 809
 Delta R.T. -0.02 min
 Lab File: BF093879.D
 Acq: 23 Mar 2017 15:23

Tgt Ion: 77 Resp: 548492
 Ion Ratio Lower Upper
 77 100
 123 49.3 35.8 53.8
 65 13.0 10.6 15.8





#25

Isophorone

Concen: 44.38 ng

RT: 6.93 min Scan# 858

Delta R.T. -0.02 min

Lab File: BF093879.D

Acq: 23 Mar 2017 15:23

Instrument :

BNA_F

ClientSampleId :

PB97768BS

Tgt Ion: 82 Resp: 1010418

Ion Ratio Lower Upper

82 100

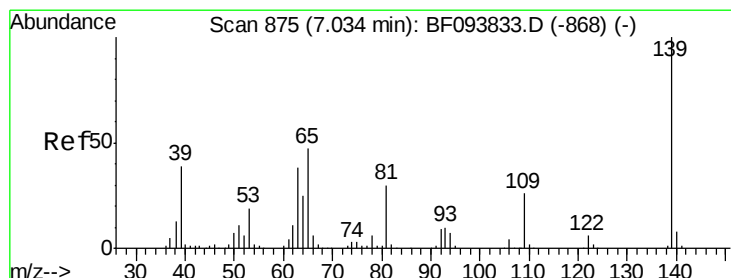
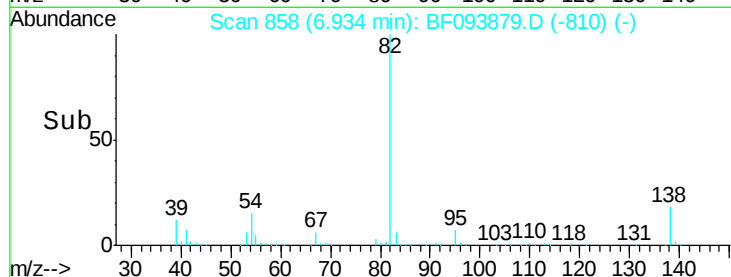
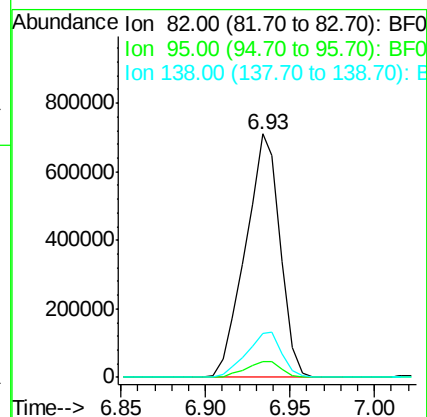
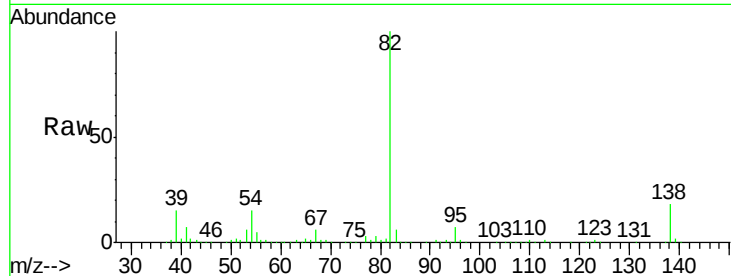
95 6.6 5.3 7.9

138 18.1 13.1 19.7

Manual Integrations
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#26

2-Nitrophenol

Concen: 49.44 ng

RT: 7.02 min Scan# 873

Delta R.T. -0.01 min

Lab File: BF093879.D

Acq: 23 Mar 2017 15:23

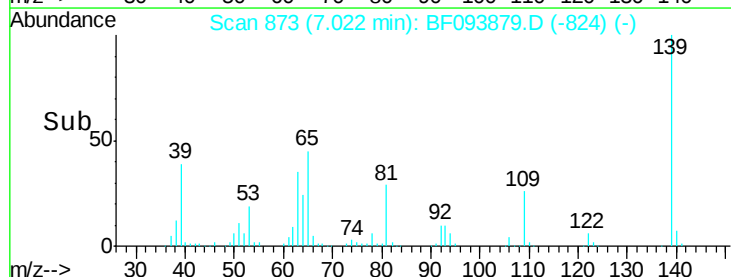
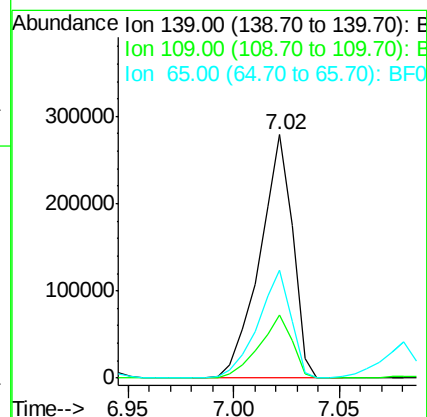
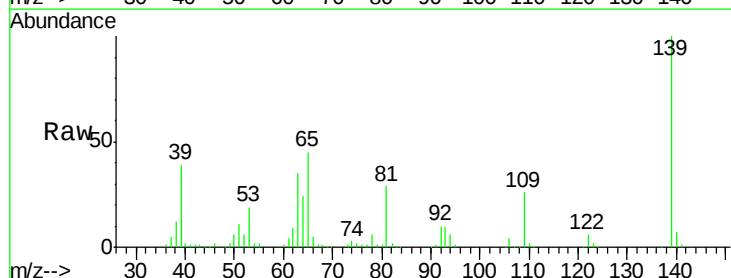
Tgt Ion: 139 Resp: 301274

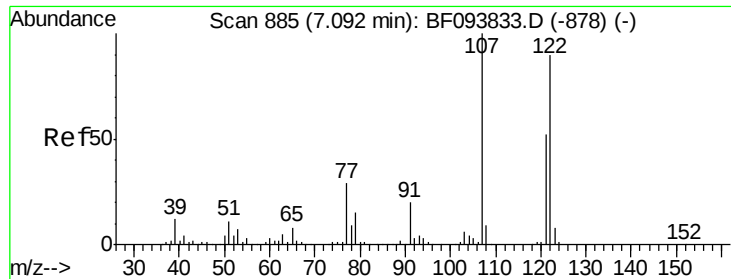
Ion Ratio Lower Upper

139 100

109 25.8 21.0 31.6

65 44.5 33.0 49.6





#27

2,4-Dimethylphenol

Concen: 47.81 ng

RT: 7.08 min Scan# 883

Delta R.T. -0.01 min

Lab File: BF093879.D

Acq: 23 Mar 2017 15:23

Instrument :

BNA_F

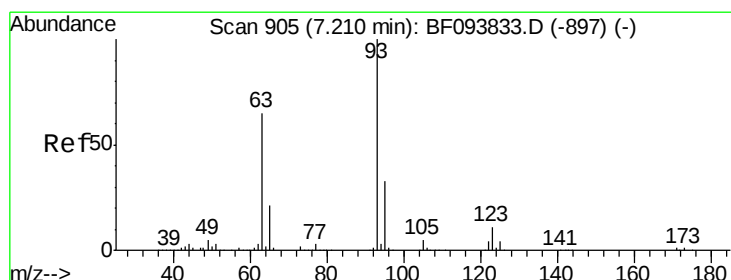
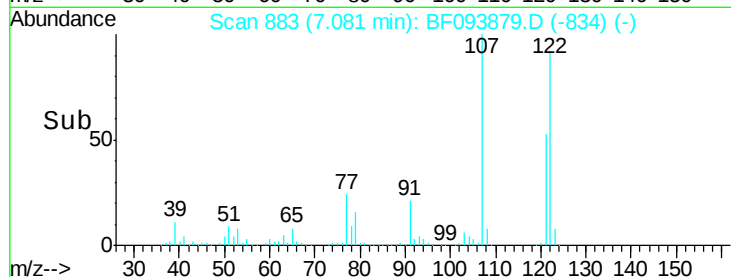
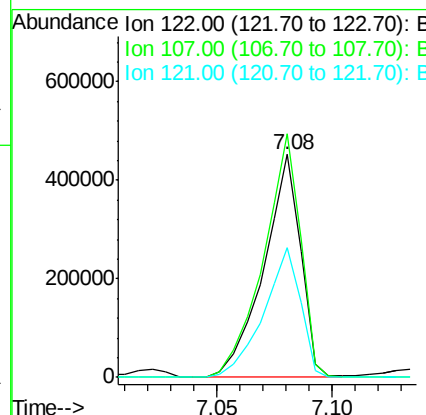
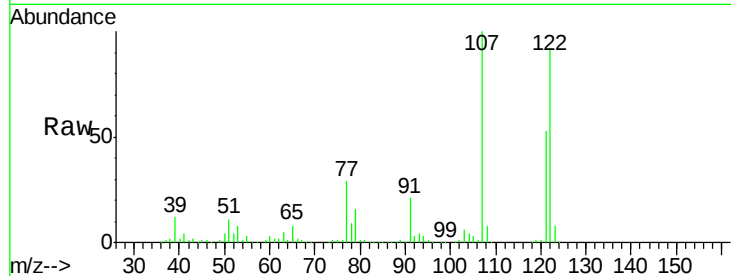
ClientSampleId :

PB97768BS

Tgt Ion:	122	Resp:	502034
Ion Ratio	Lower	Upper	
122	100		
107	109.1	89.2	133.8
121	58.0	45.2	67.8

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#28

bis(2-Chloroethoxy)methane

Concen: 43.15 ng

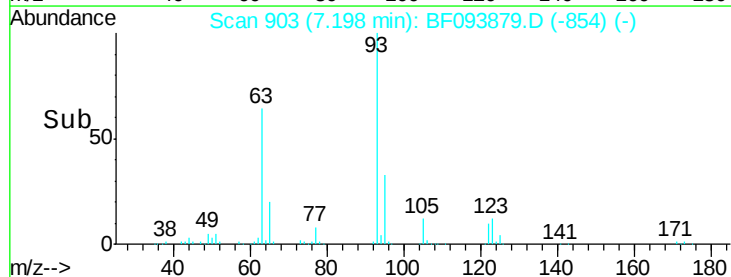
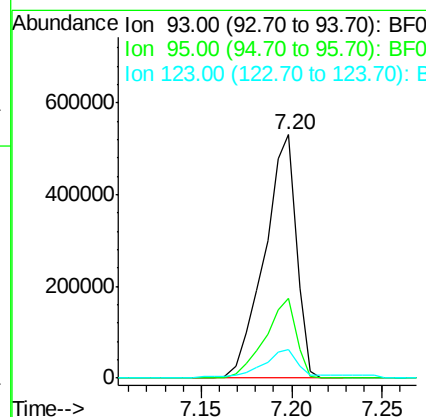
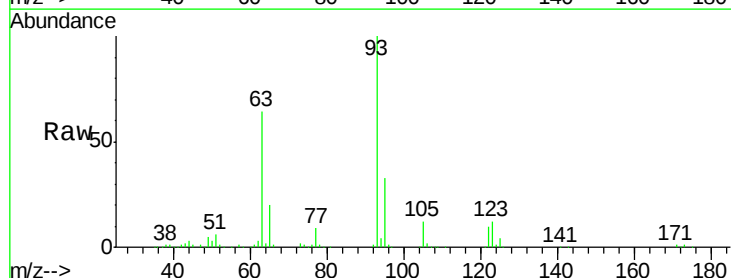
RT: 7.20 min Scan# 903

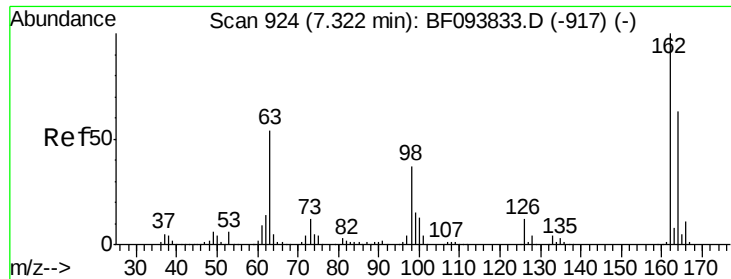
Delta R.T. -0.01 min

Lab File: BF093879.D

Acq: 23 Mar 2017 15:23

Tgt Ion:	93	Resp:	647850
Ion Ratio	Lower	Upper	
93	100		
95	33.0	26.5	39.7
123	12.0	9.0	13.4





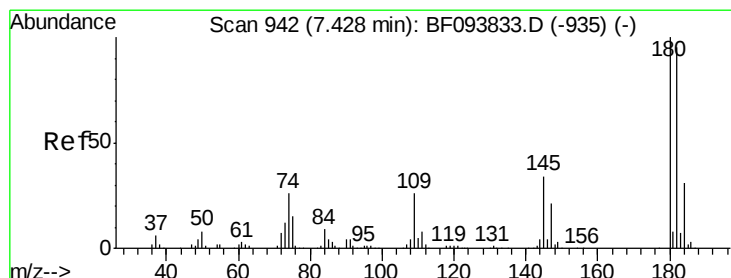
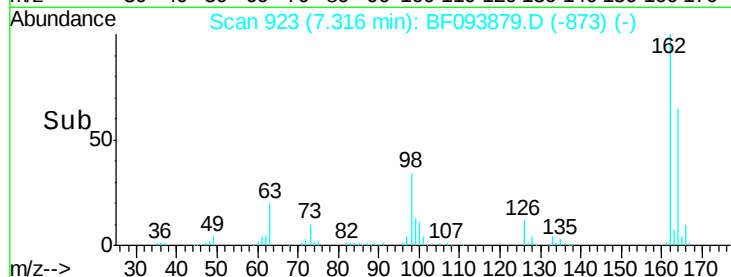
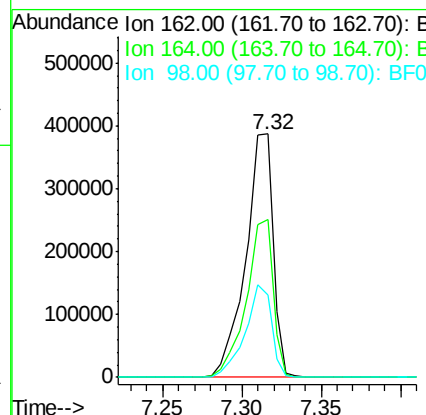
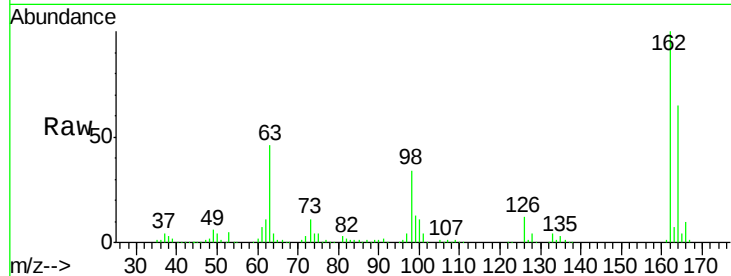
#29
 2,4-Dichlorophenol
 Concen: 47.39 ng
 RT: 7.32 min Scan# 923
 Delta R.T. -0.01 min
 Lab File: BF093879.D
 Acq: 23 Mar 2017 15:23

Instrument :
 BNA_F
 ClientSampleId :
 PB97768BS

Tgt Ion:	162	Resp:	465200
Ion Ratio	Lower	Upper	
162	100		
164	64.6	44.6	84.6
98	33.9	14.8	54.8

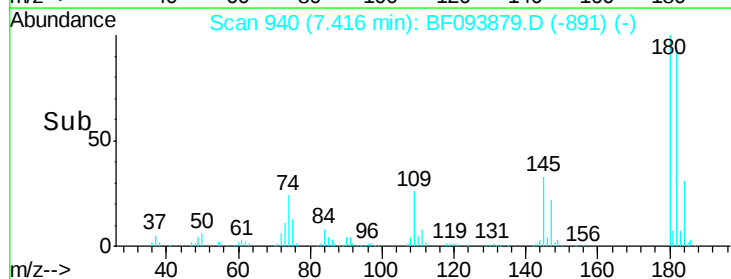
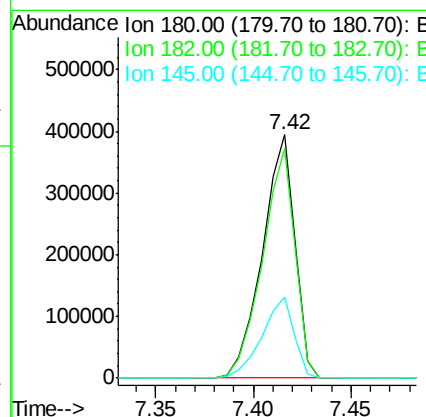
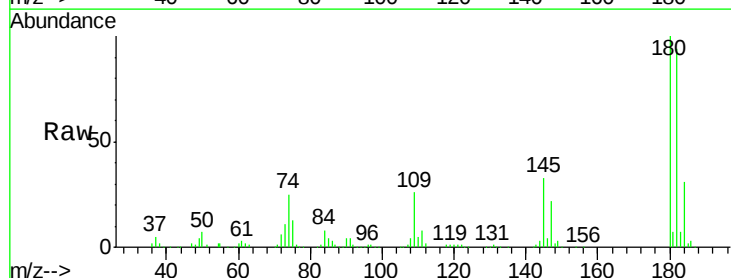
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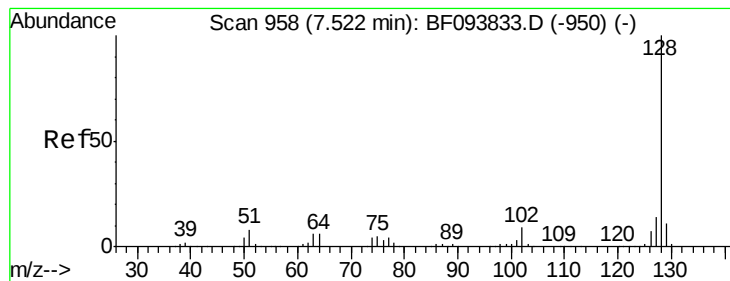
mohammad
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#30
 1,2,4-Trichlorobenzene
 Concen: 44.90 ng
 RT: 7.42 min Scan# 940
 Delta R.T. -0.01 min
 Lab File: BF093879.D
 Acq: 23 Mar 2017 15:23

Tgt Ion:	180	Resp:	453982
Ion Ratio	Lower	Upper	
180	100		
182	94.1	75.8	113.6
145	33.4	25.3	37.9





#31

Naphthalene

Concen: 42.90 ng

RT: 7.51 min Scan# 956

Delta R.T. -0.01 min

Lab File: BF093879.D

Acq: 23 Mar 2017 15:23

Instrument :

BNA_F

ClientSampleId :

PB97768BS

Tgt Ion:128 Resp: 1525253

Ion Ratio Lower Upper

128 100

129 11.2 9.0 13.6

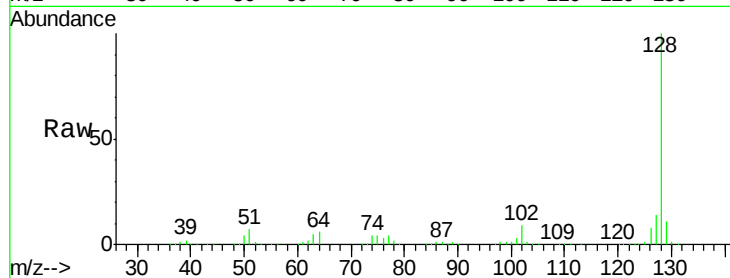
127 13.8 10.8 16.2

Manual Integrations

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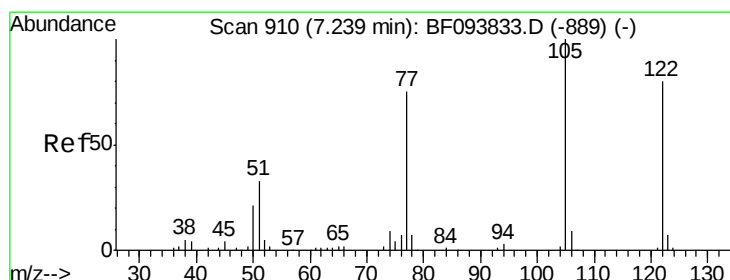
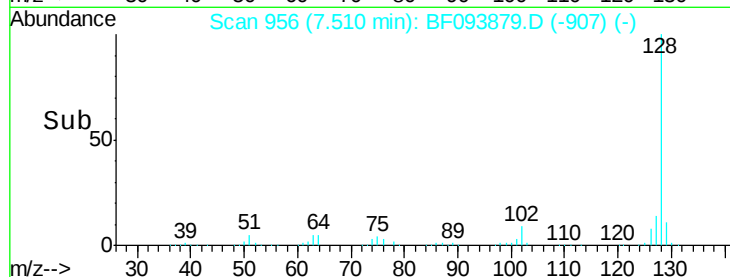
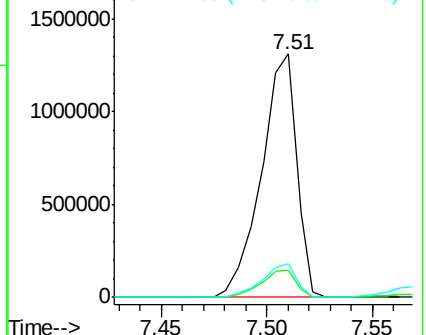
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Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 53.62 ng

RT: 7.24 min Scan# 910

Delta R.T. 0.00 min

Lab File: BF093879.D

Acq: 23 Mar 2017 15:23

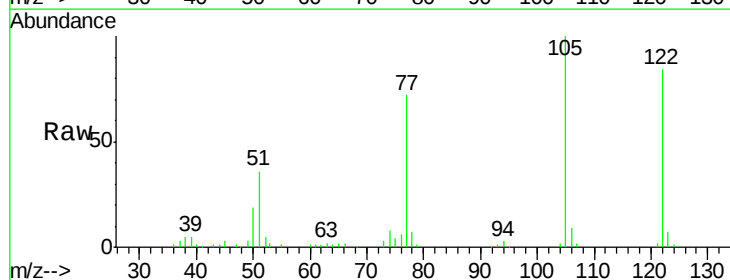
Tgt Ion:122 Resp: 374777

Ion Ratio Lower Upper

122 100

105 119.0 103.3 143.3

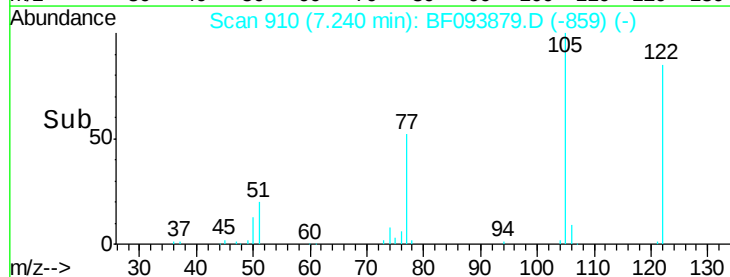
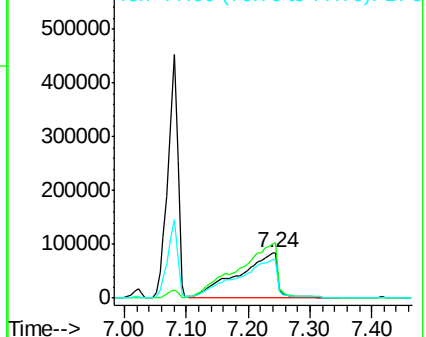
77 85.2 73.7 113.7

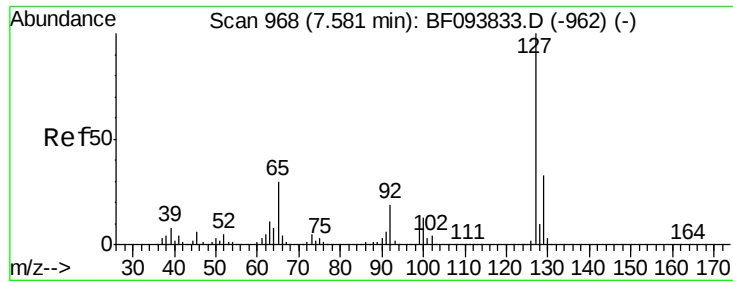


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0





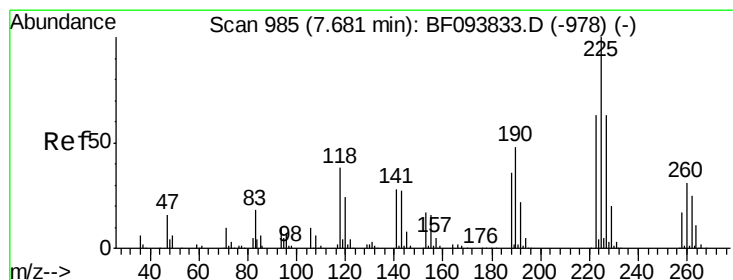
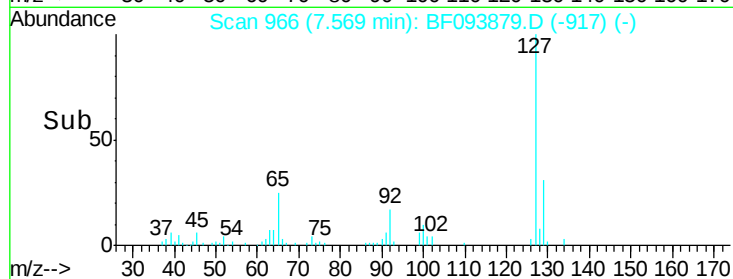
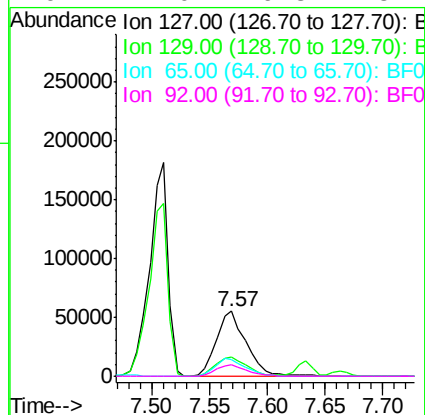
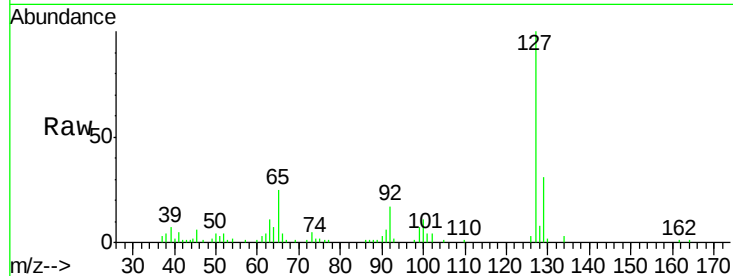
#33
4-Chloroaniline
Concen: 6.88 ng
RT: 7.57 min Scan# 966
Delta R.T. -0.01 min
Lab File: BF093879.D
Acq: 23 Mar 2017 15:23

Instrument :
BNA_F
ClientSampleId :
PB97768BS

Tgt Ion	Ratio	Resp Lower	Resp Upper
127	100		
129	30.6	26.2	39.2
65	24.8	27.8	41.8
92	17.0	16.8	25.2

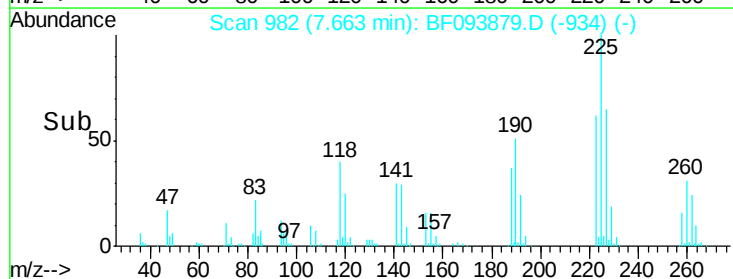
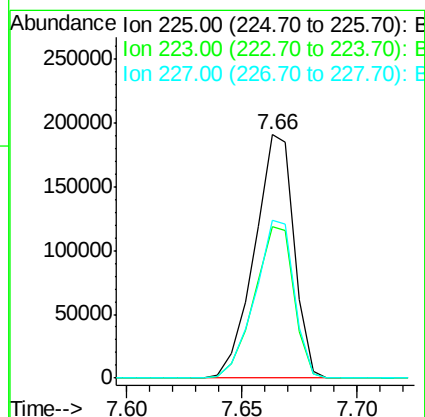
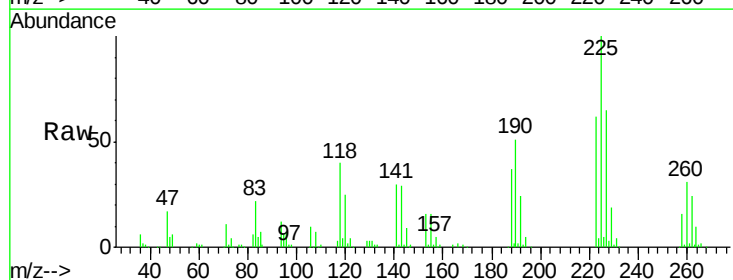
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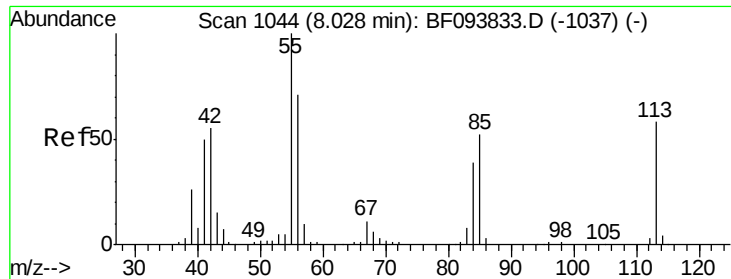
mohammad
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#34
Hexachlorobutadiene
Concen: 43.76 ng
RT: 7.66 min Scan# 982
Delta R.T. -0.02 min
Lab File: BF093879.D
Acq: 23 Mar 2017 15:23

Tgt Ion	Ratio	Resp Lower	Resp Upper
225	100		
223	62.4	48.8	73.2
227	64.8	51.1	76.7





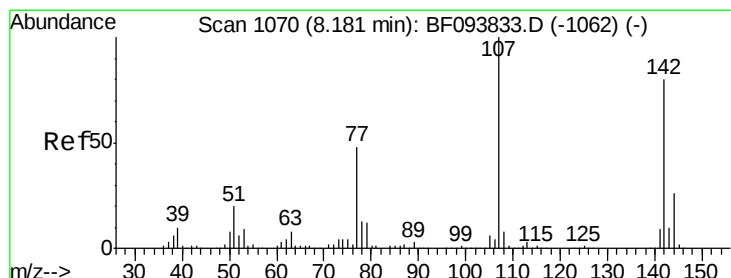
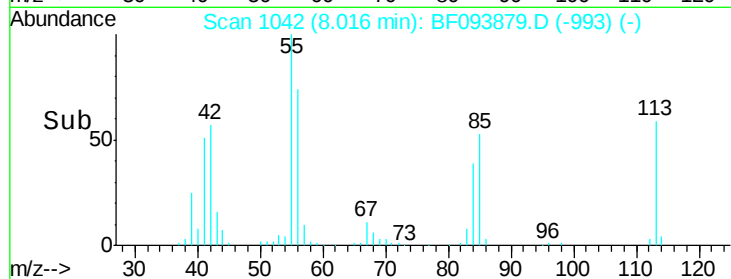
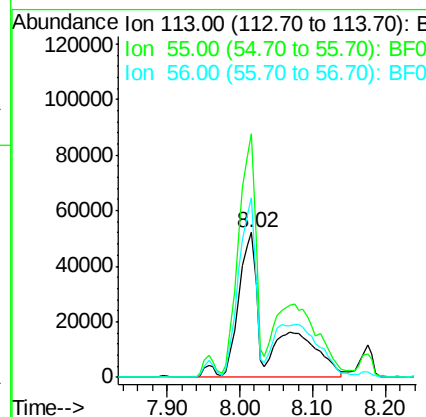
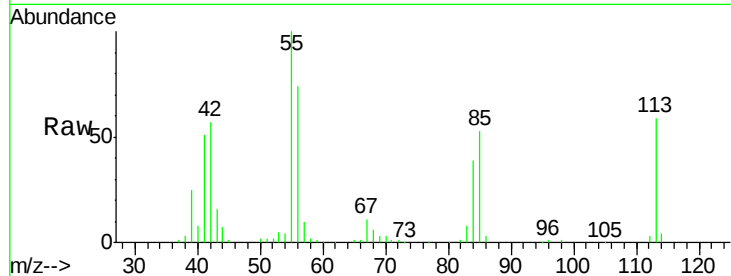
#35
 Caprolactam
 Concen: 49.97 ng m
 RT: 8.02 min Scan# 1042
 Delta R.T. -0.01 min
 Lab File: BF093879.D
 Acq: 23 Mar 2017 15:23

Instrument :
 BNA_F
 ClientSampleId :
 PB97768BS

Tgt Ion	Ratio	Resp	Lower	Upper
113	100	156425		
55	168.5	150.2	190.2	
56	124.4	107.8	147.8	

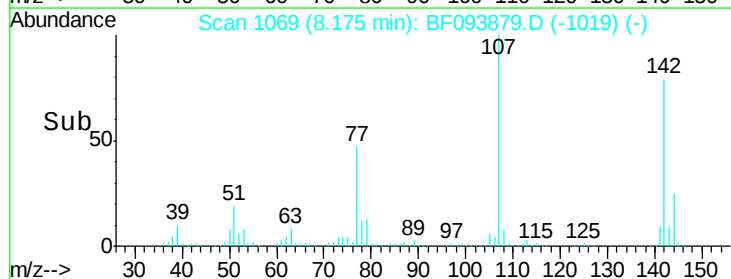
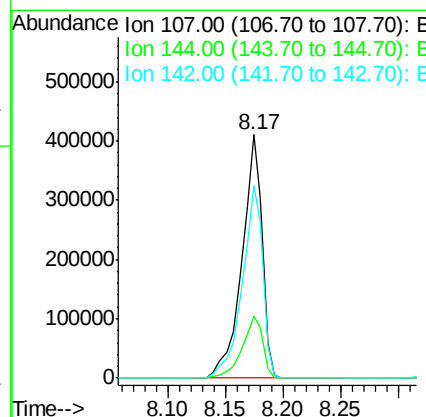
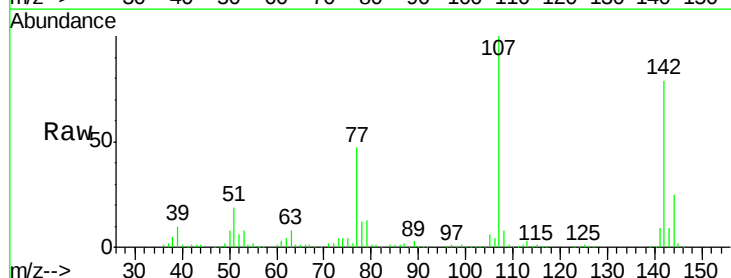
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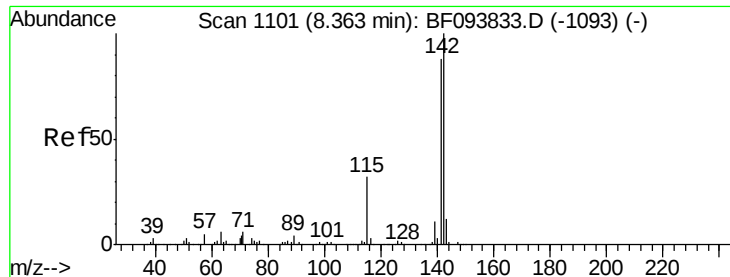
mohammad
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#36
 4-Chloro-3-methylphenol
 Concen: 48.13 ng
 RT: 8.17 min Scan# 1069
 Delta R.T. -0.01 min
 Lab File: BF093879.D
 Acq: 23 Mar 2017 15:23

Tgt Ion	Ratio	Resp	Lower	Upper
107	100	493682		
144	25.5	24.2	36.4	
142	78.9	73.4	110.0	





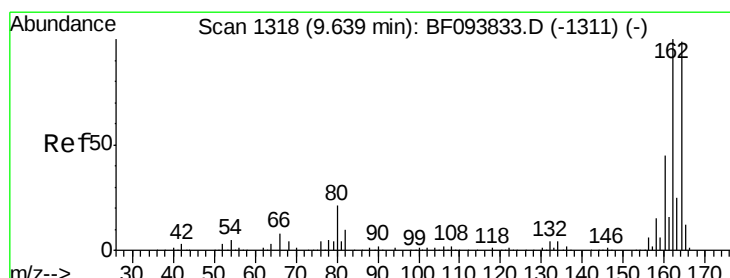
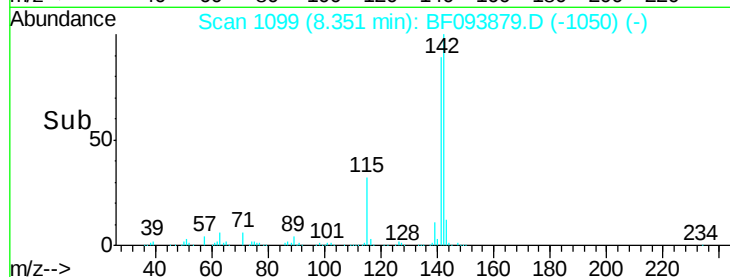
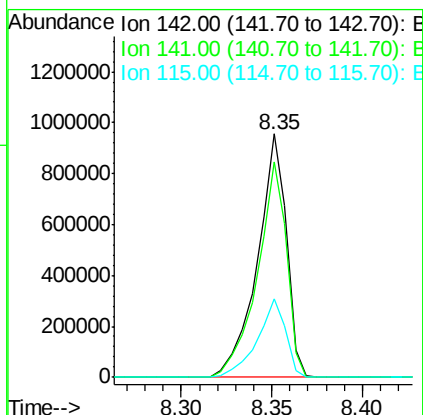
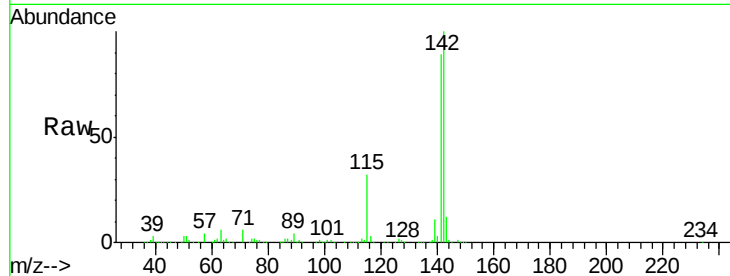
#37
2-Methylnaphthalene
Concen: 44.89 ng
RT: 8.35 min Scan# 1099
Delta R.T. -0.01 min
Lab File: BF093879.D
Acq: 23 Mar 2017 15:23

Instrument :
BNA_F
ClientSampleId :
PB97768BS

Tgt Ion:142 Resp: 1063760
Ion Ratio Lower Upper
142 100
141 88.7 71.3 106.9
115 32.0 27.1 40.7

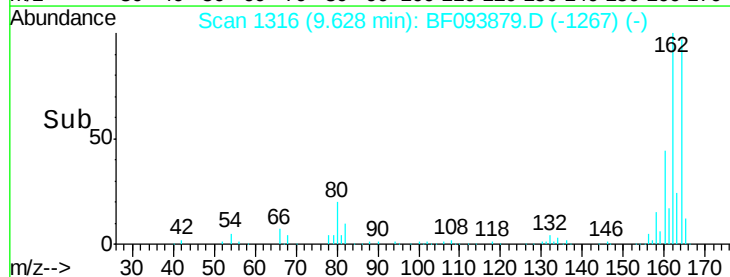
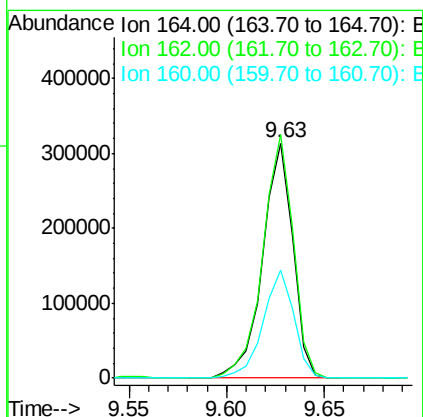
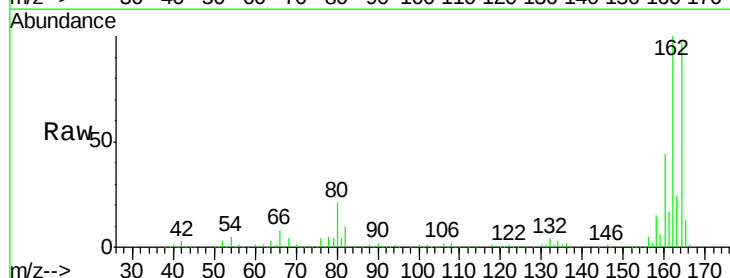
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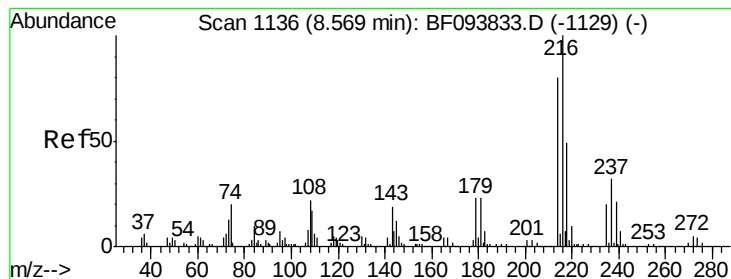
mohammad
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#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.63 min Scan# 1316
Delta R.T. -0.01 min
Lab File: BF093879.D
Acq: 23 Mar 2017 15:23

Tgt Ion:164 Resp: 337632
Ion Ratio Lower Upper
164 100
162 103.6 82.6 123.8
160 45.9 36.2 54.2





#39

1,2,4,5-Tetrachlorobenzene

Concen: 40.85 ng

RT: 8.56 min Scan# 1135

Delta R.T. -0.01 min

Lab File: BF093879.D

Acq: 23 Mar 2017 15:23

Instrument :

BNA_F

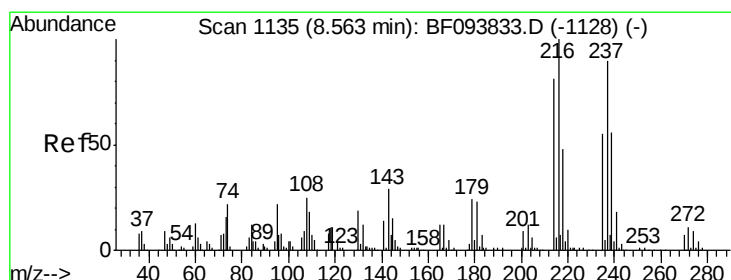
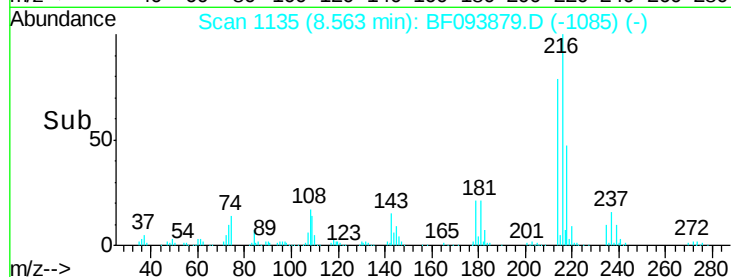
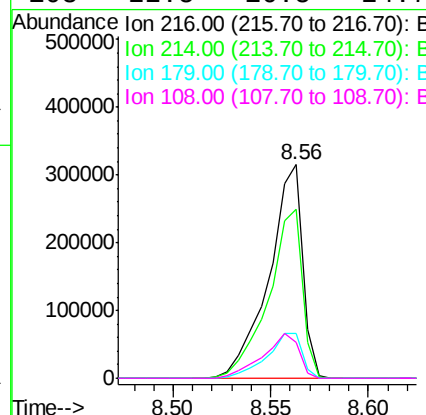
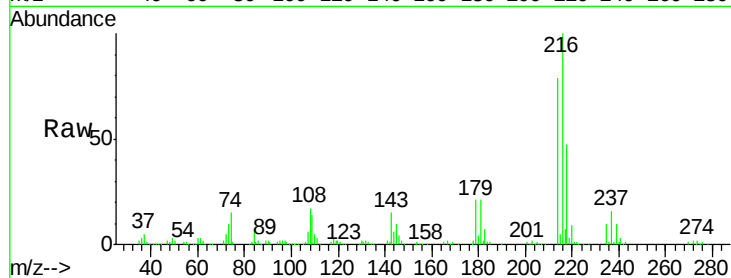
ClientSampleId :

PB97768BS

Tgt Ion:	216	Resp:	377302
Ion Ratio	Lower	Upper	
216	100		
214	79.3	63.4	95.2
179	22.0	17.9	26.9
108	22.5	16.5	24.7

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#40

Hexachlorocyclopentadiene

Concen: 98.73 ng

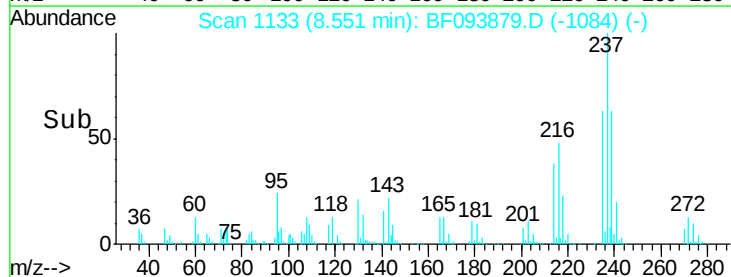
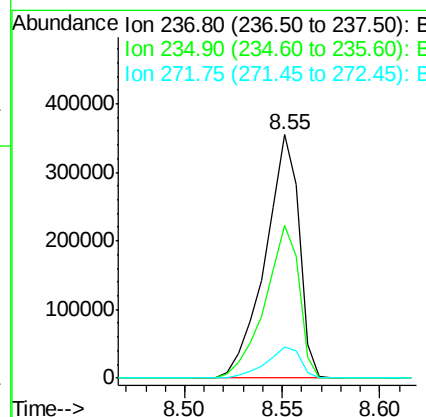
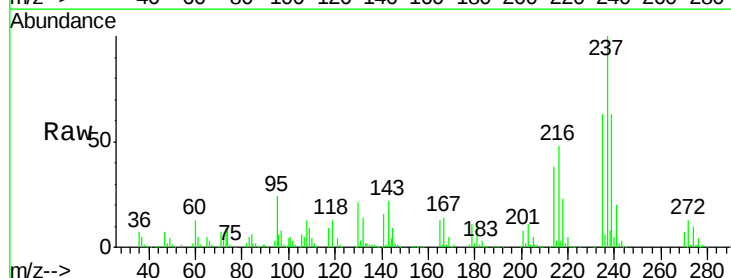
RT: 8.55 min Scan# 1133

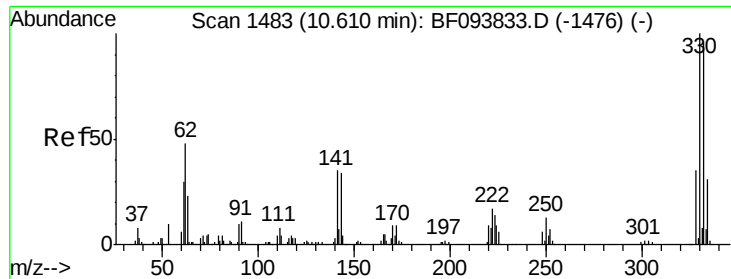
Delta R.T. -0.01 min

Lab File: BF093879.D

Acq: 23 Mar 2017 15:23

Tgt Ion:	237	Resp:	426715
Ion Ratio	Lower	Upper	
237	100		
235	62.5	42.6	82.6
272	12.6	0.0	31.9





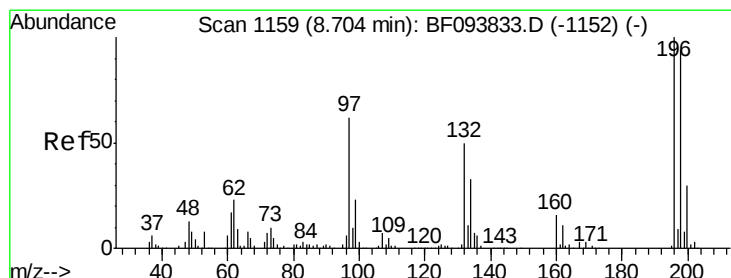
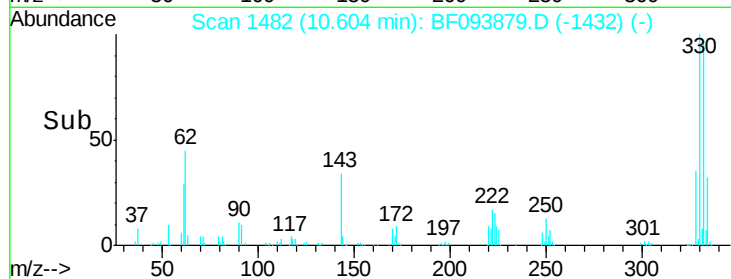
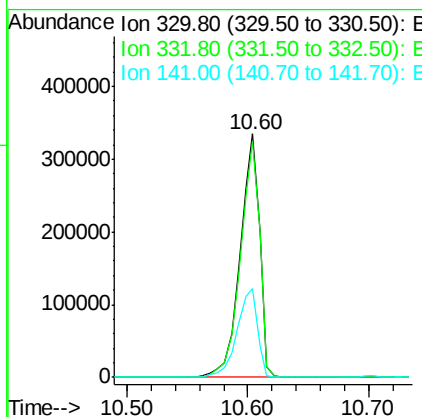
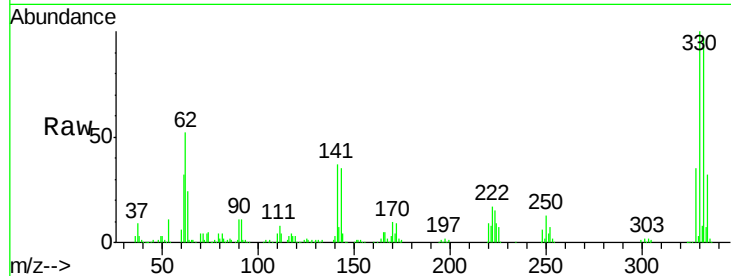
#41
 2,4,6-Tribromophenol
 Concen: 140.32 ng
 RT: 10.60 min Scan# 1482
 Delta R.T. -0.01 min
 Lab File: BF093879.D
 Acq: 23 Mar 2017 15:23

Instrument :
 BNA_F
 ClientSampleId :
 PB97768BS

Tgt Ion	Ratio	Resp	Lower	Upper
330	100	374364		
332	96.8	76.6	115.0	
141	38.7	31.4	47.2	

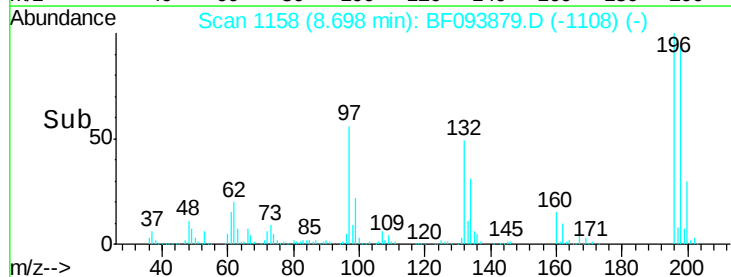
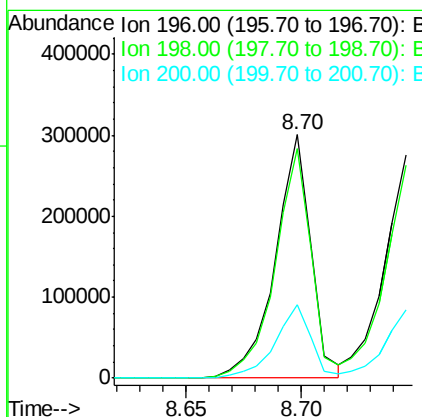
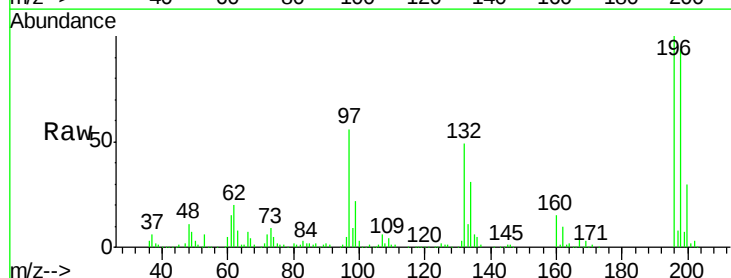
Manual Integrations
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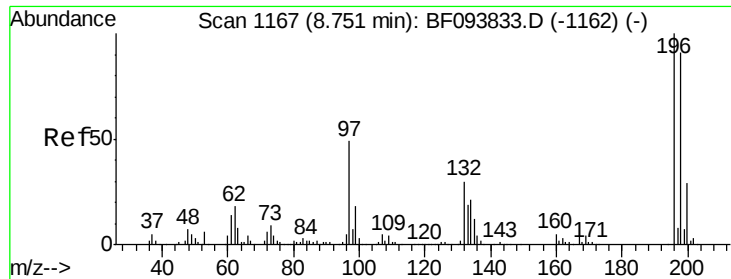
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#42
 2,4,6-Trichlorophenol
 Concen: 49.18 ng
 RT: 8.70 min Scan# 1158
 Delta R.T. -0.01 min
 Lab File: BF093879.D
 Acq: 23 Mar 2017 15:23

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	321394		
198	94.2	74.2	111.4	
200	30.3	24.0	36.0	





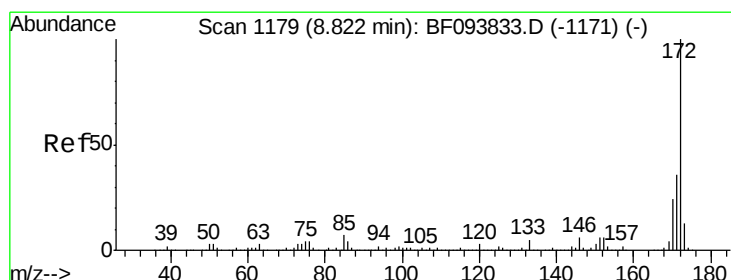
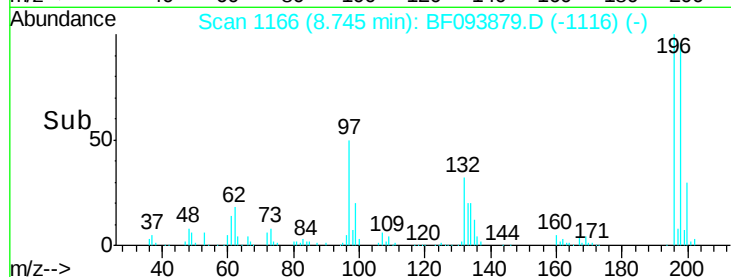
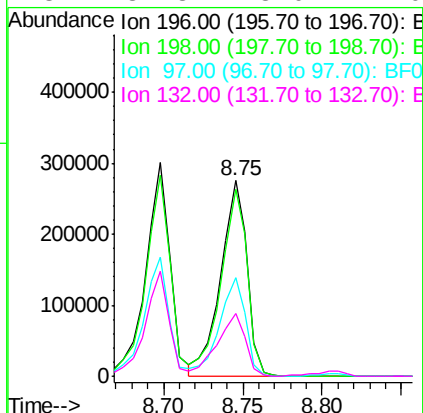
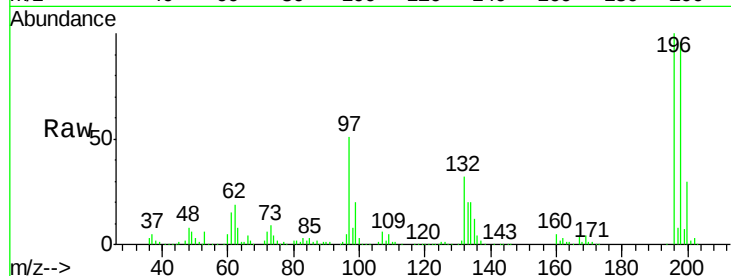
#43
 2,4,5-Trichlorophenol
 Concen: 45.01 ng
 RT: 8.75 min Scan# 1166
 Delta R.T. -0.01 min
 Lab File: BF093879.D
 Acq: 23 Mar 2017 15:23

Instrument :
 BNA_F
 ClientSampleId :
 PB97768BS

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	318276		
198	95.6	75.7	113.5	
97	50.6	47.7	71.5	
132	32.3	28.0	42.0	

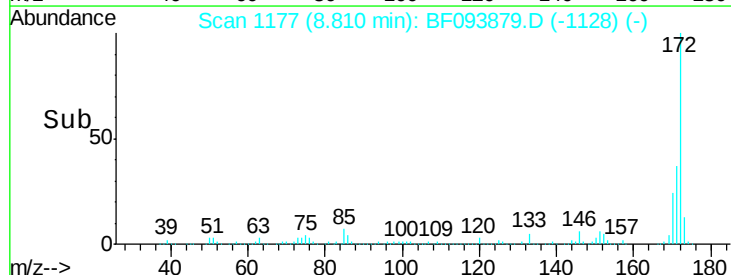
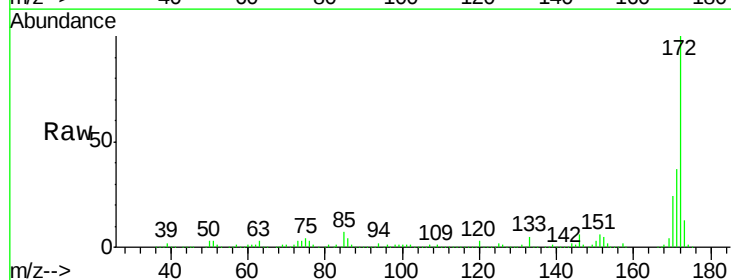
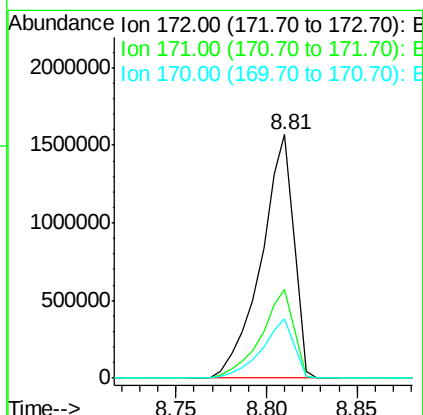
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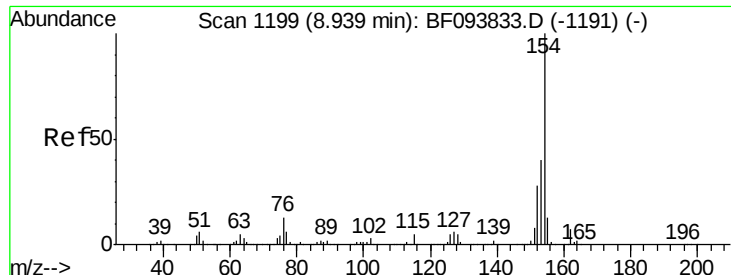
mohammad
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#44
 2-Fluorobiphenyl
 Concen: 88.40 ng
 RT: 8.81 min Scan# 1177
 Delta R.T. -0.01 min
 Lab File: BF093879.D
 Acq: 23 Mar 2017 15:23

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	1956711		
171	36.5	29.6	44.4	
170	24.4	19.8	29.8	





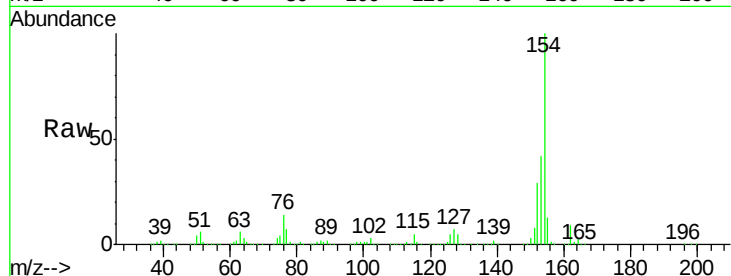
#45
 1,1'-Biphenyl
 Concen: 43.39 ng
 RT: 8.93 min Scan# 1197
 Delta R.T. -0.01 min
 Lab File: BF093879.D
 Acq: 23 Mar 2017 15:23

Instrument :
 BNA_F
 ClientSampleId :
 PB97768BS

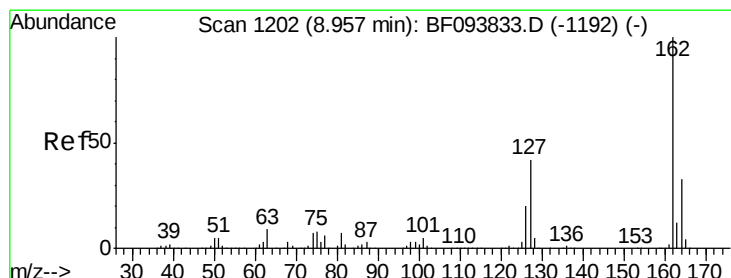
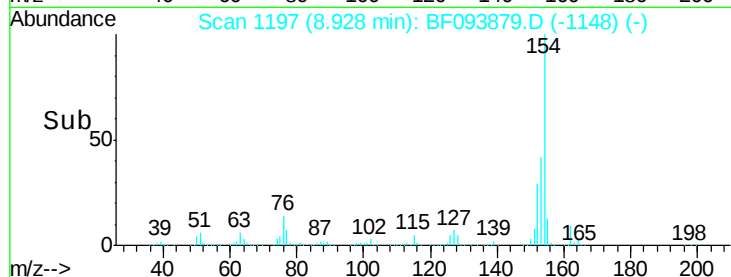
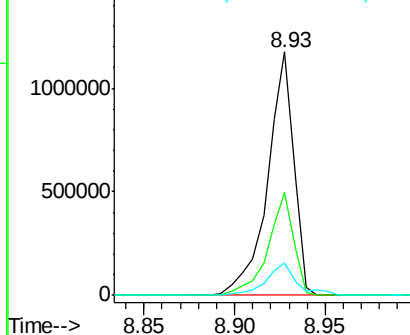
Tgt Ion	Ratio	Lower	Upper
154	100		
153	42.0	21.2	61.2
76	13.5	0.0	29.9

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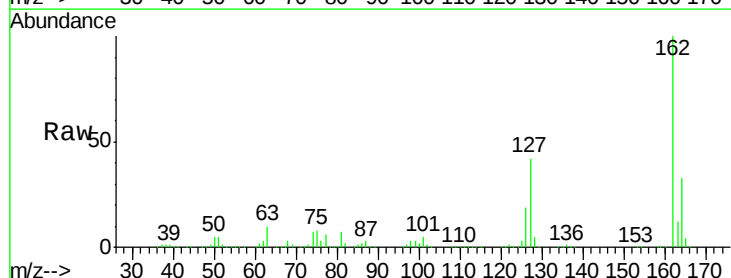


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF0

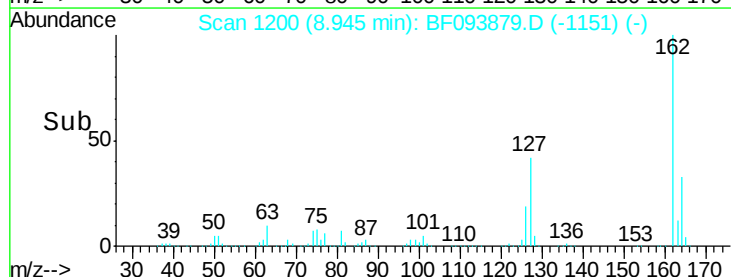
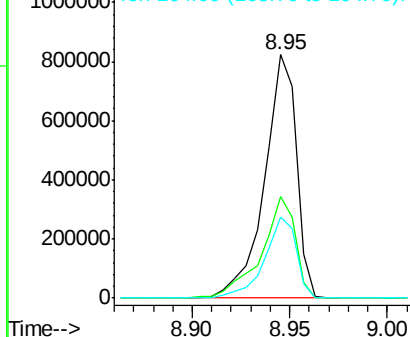


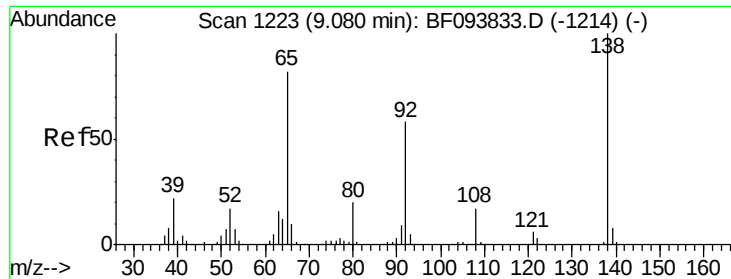
#46
 2-Chloronaphthalene
 Concen: 43.78 ng
 RT: 8.95 min Scan# 1200
 Delta R.T. -0.01 min
 Lab File: BF093879.D
 Acq: 23 Mar 2017 15:23

Tgt Ion	Ratio	Lower	Upper
162	100		
127	41.7	28.3	42.5
164	33.4	27.0	40.4



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





#47

2-Nitroaniline

Concen: 44.52 ng

RT: 9.07 min Scan# 1221

Delta R.T. -0.01 min

Lab File: BF093879.D

Acq: 23 Mar 2017 15:23

Instrument :

BNA_F

ClientSampleId :

PB97768BS

Tgt Ion: 65 Resp: 281545
Ion Ratio Lower Upper

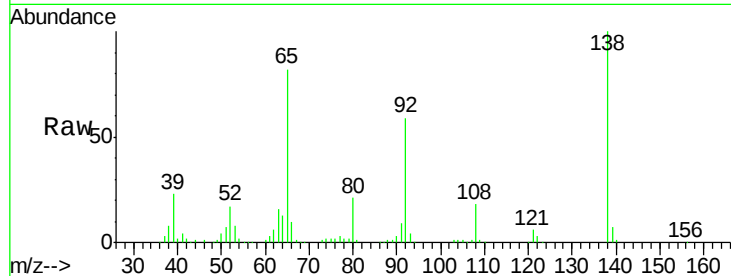
65 100

92 72.7 53.9 80.9

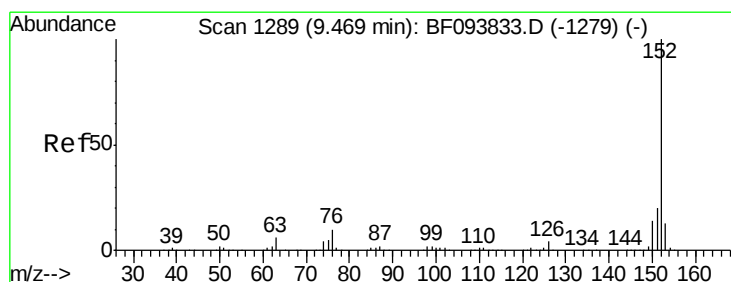
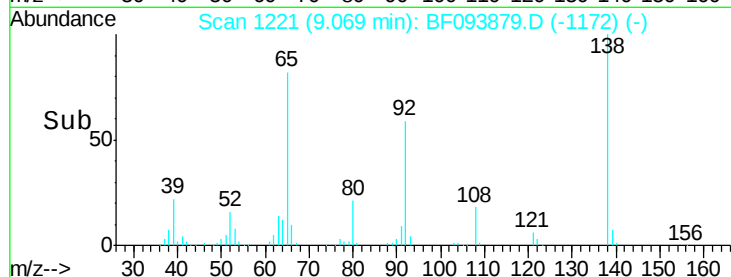
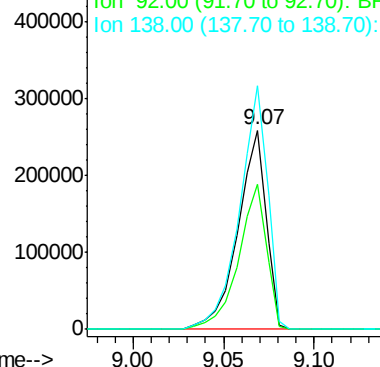
138 122.2 78.8 118.2#

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



#48

Acenaphthylene

Concen: 42.60 ng

RT: 9.46 min Scan# 1287

Delta R.T. -0.01 min

Lab File: BF093879.D

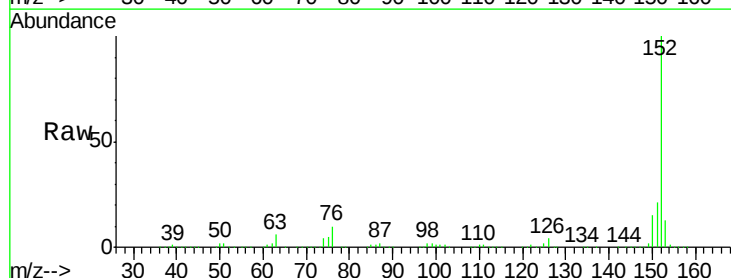
Acq: 23 Mar 2017 15:23

Tgt Ion: 152 Resp: 1509194
Ion Ratio Lower Upper

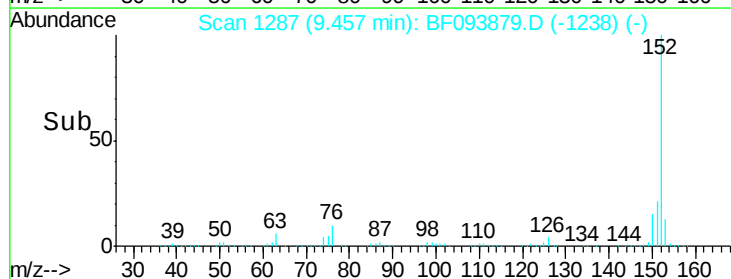
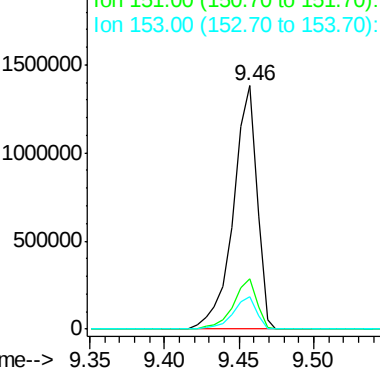
152 100

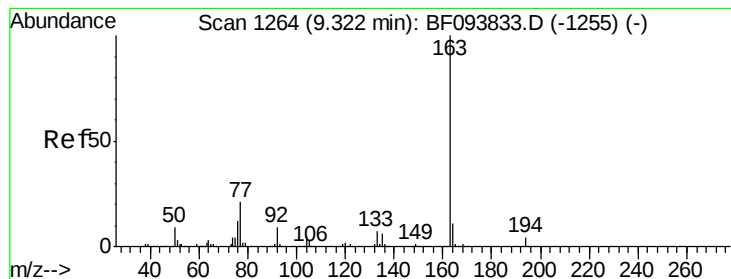
151 20.7 16.8 25.2

153 13.5 10.8 16.2



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





#49

Dimethylphthalate

Concen: 45.81 ng

RT: 9.32 min Scan# 1263

Delta R.T. -0.01 min

Lab File: BF093879.D

Acq: 23 Mar 2017 15:23

Instrument :

BNA_F

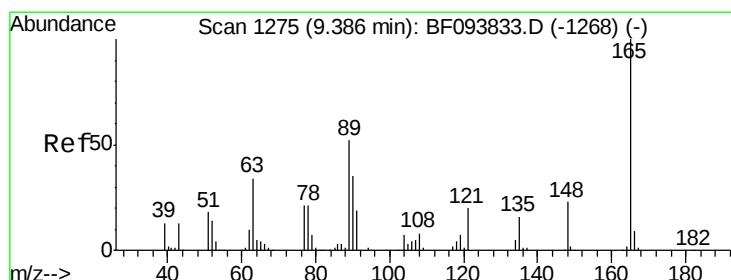
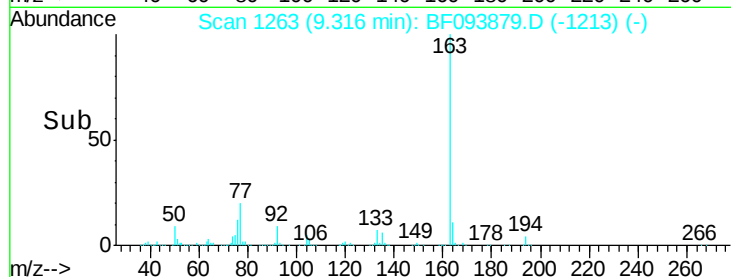
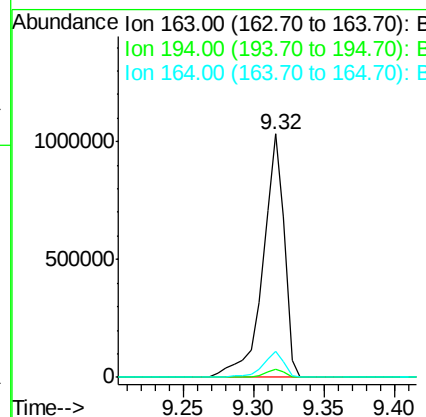
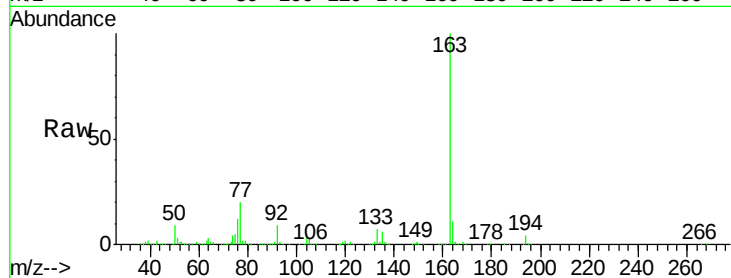
ClientSampleId :

PB97768BS

Tgt Ion:	163	Resp:	1099397
Ion	Ratio	Lower	Upper
163	100		
194	3.6	2.6	4.0
164	10.6	8.4	12.6

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#50

2,6-Dinitrotoluene

Concen: 45.73 ng

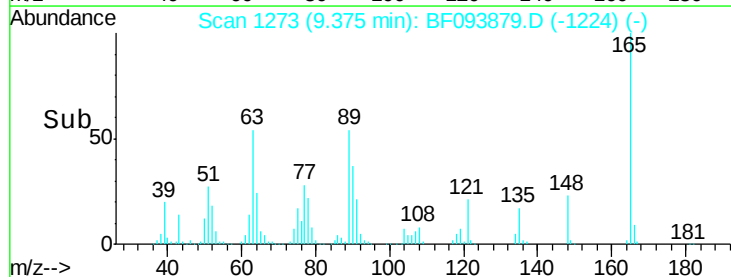
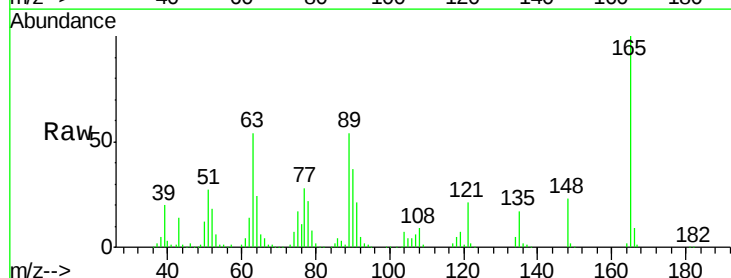
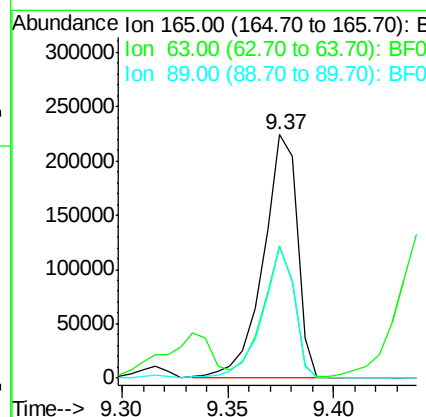
RT: 9.37 min Scan# 1273

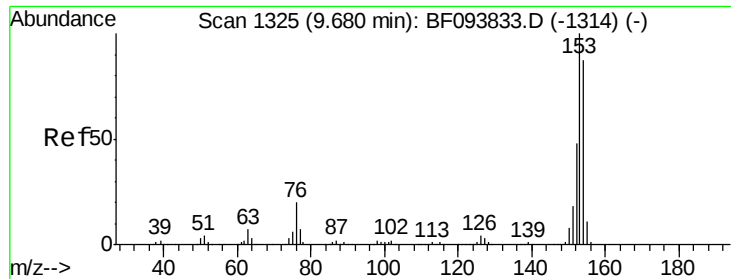
Delta R.T. -0.01 min

Lab File: BF093879.D

Acq: 23 Mar 2017 15:23

Tgt Ion:	165	Resp:	251594
Ion	Ratio	Lower	Upper
165	100		
63	54.5	34.3	51.5#
89	54.0	37.1	55.7





#51

Acenaphthene

Concen: 43.00 ng

RT: 9.67 min Scan# 1323

Delta R.T. -0.01 min

Lab File: BF093879.D

Acq: 23 Mar 2017 15:23

Instrument :

BNA_F

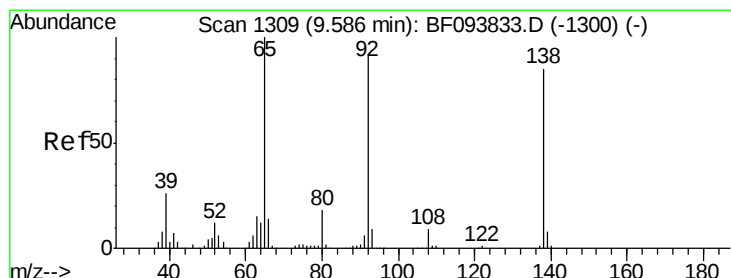
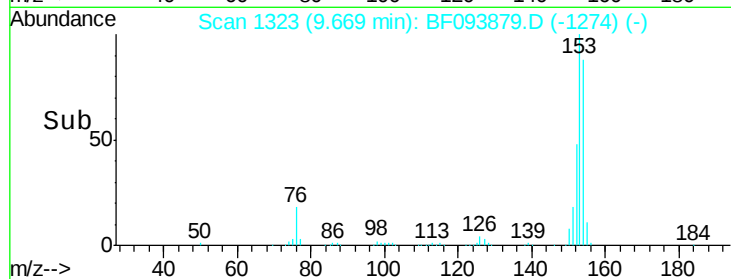
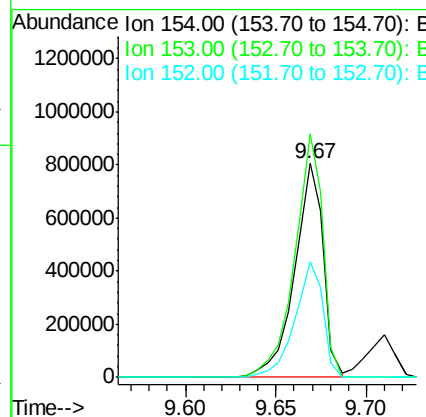
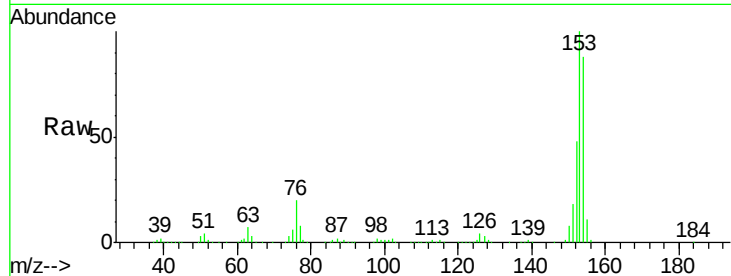
ClientSampleId :

PB97768BS

Tgt Ion:	154	Resp:	888984
Ion Ratio	Lower	Upper	
154	100		
153	113.9	90.5	135.7
152	54.2	43.6	65.4

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#52

3-Nitroaniline

Concen: 14.81 ng

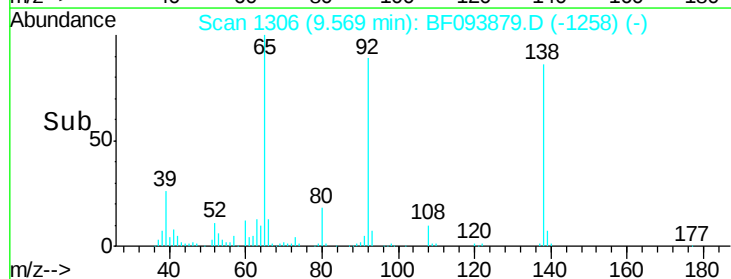
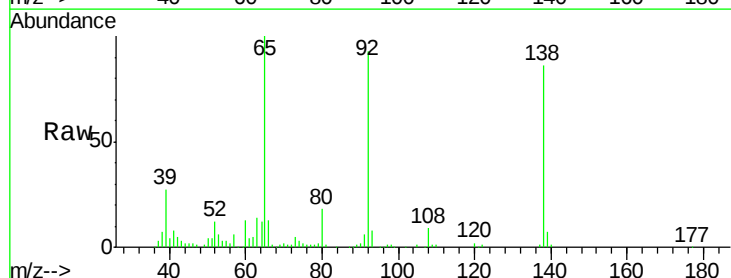
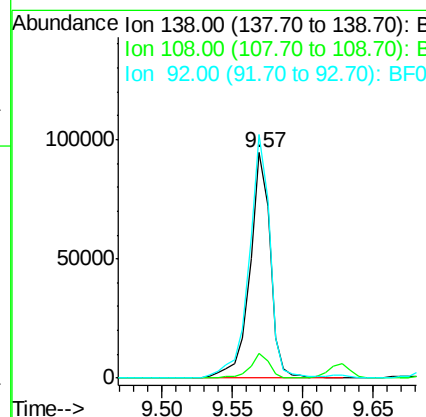
RT: 9.57 min Scan# 1306

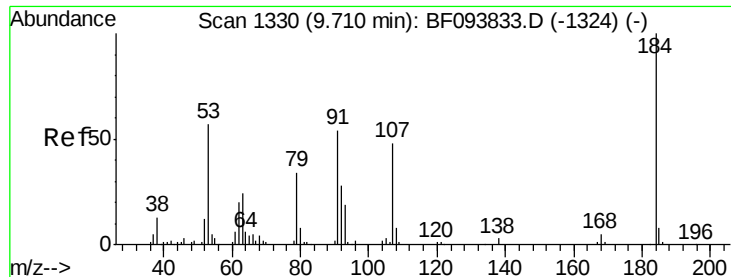
Delta R.T. -0.02 min

Lab File: BF093879.D

Acq: 23 Mar 2017 15:23

Tgt Ion:	138	Resp:	95691
Ion Ratio	Lower	Upper	
138	100		
108	11.0	9.1	13.7
92	108.1	93.8	140.6





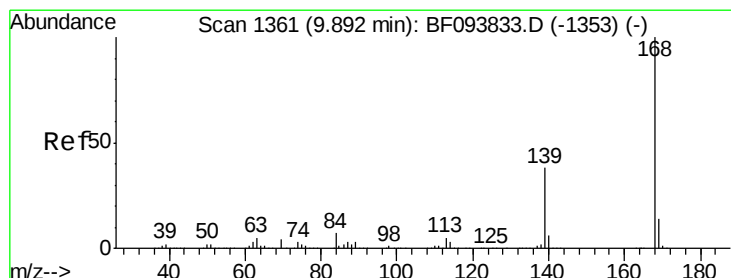
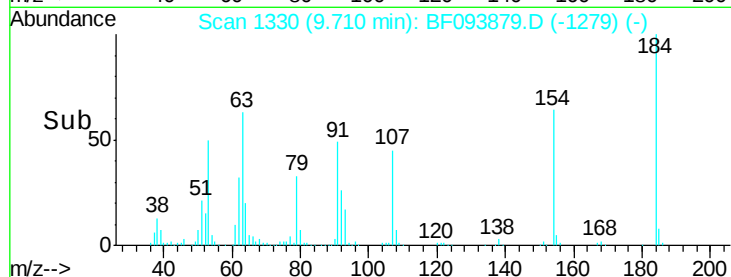
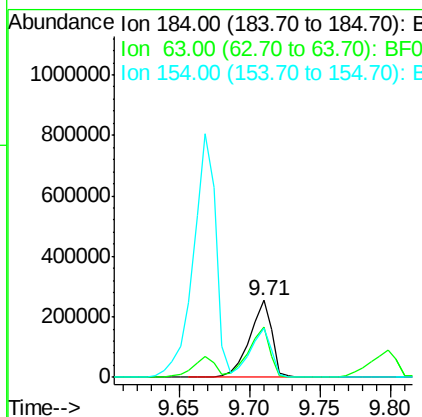
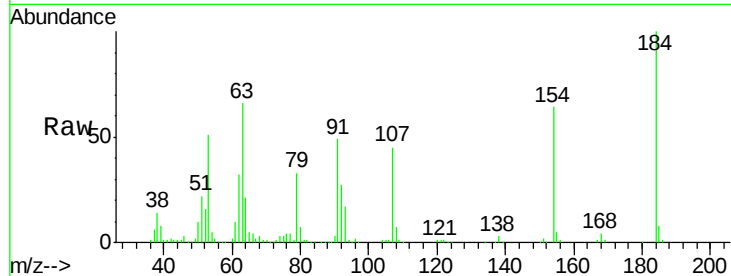
#53
2,4-Dinitrophenol
Concen: 95.56 ng
RT: 9.71 min Scan# 1330
Delta R.T. 0.00 min
Lab File: BF093879.D
Acq: 23 Mar 2017 15:23

Instrument :
BNA_F
ClientSampleId :
PB97768BS

Tgt Ion	Ratio	Resp	Lower	Upper
184	100	284164		
63	66.1	62.7	94.1	
154	63.8	81.1	121.7	

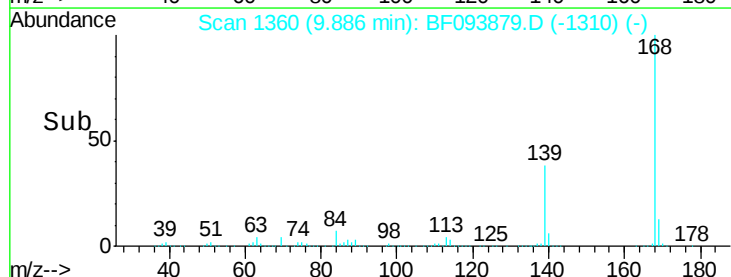
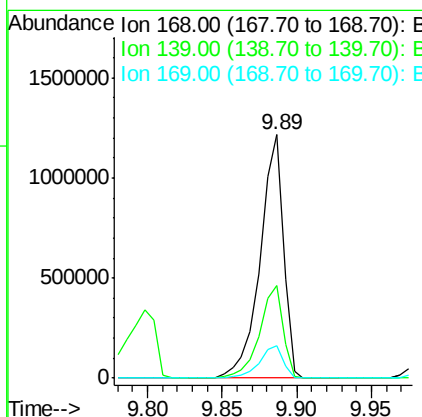
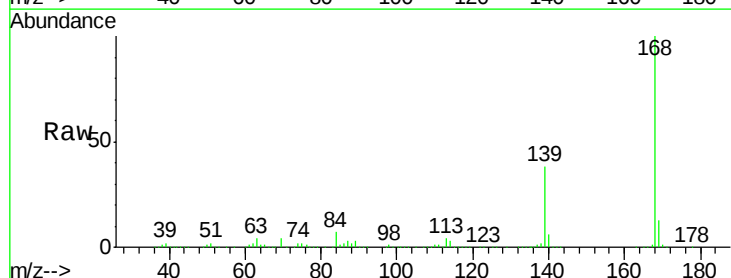
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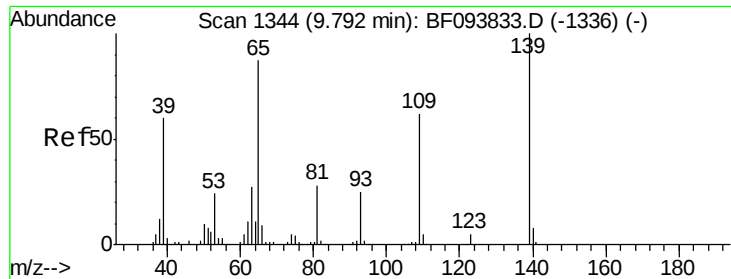
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#54
Dibenzofuran
Concen: 46.22 ng
RT: 9.89 min Scan# 1360
Delta R.T. -0.01 min
Lab File: BF093879.D
Acq: 23 Mar 2017 15:23

Tgt Ion	Ratio	Resp	Lower	Upper
168	100	1300766		
139	37.9	30.6	45.8	
169	13.3	10.8	16.2	





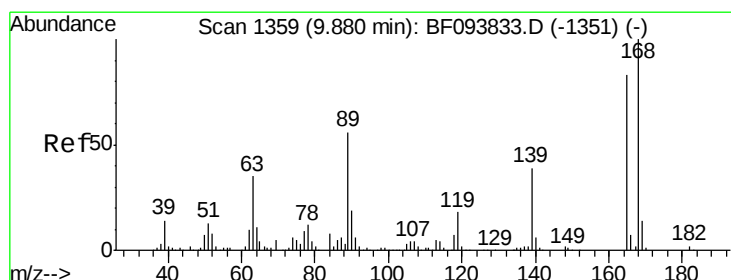
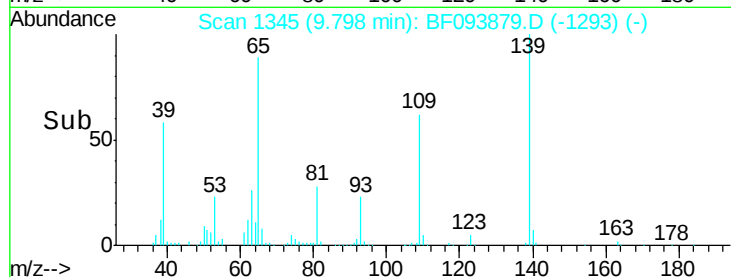
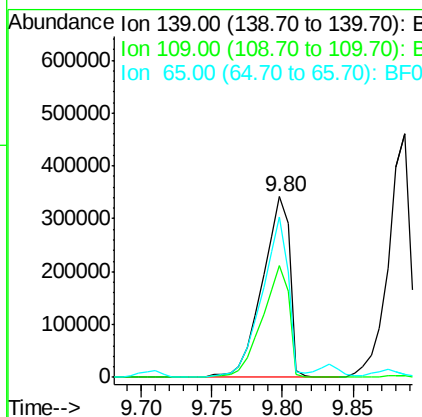
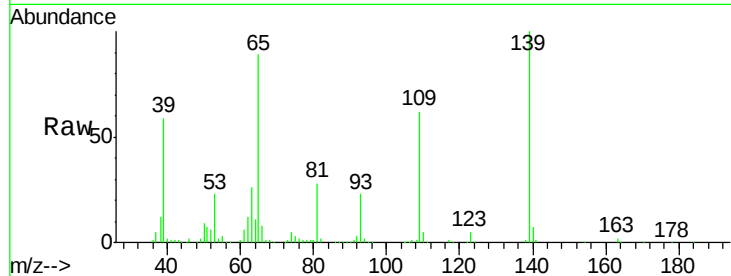
#55
4-Nitrophenol
Concen: 92.69 ng
RT: 9.80 min Scan# 1345
Delta R.T. 0.01 min
Lab File: BF093879.D
Acq: 23 Mar 2017 15:23

Instrument :
BNA_F
ClientSampleId :
PB97768BS

Tgt Ion	Ratio	Resp	Lower	Upper
139	100			
109	62.1	34.1	74.1	
65	88.7	31.4	71.4	

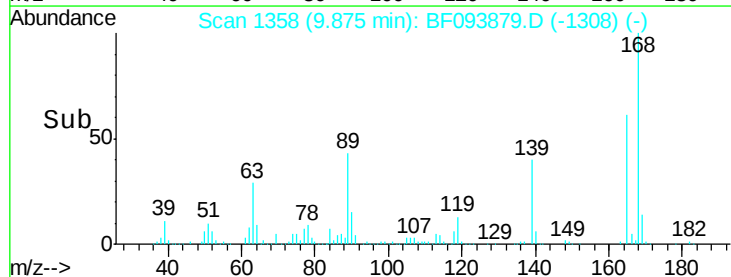
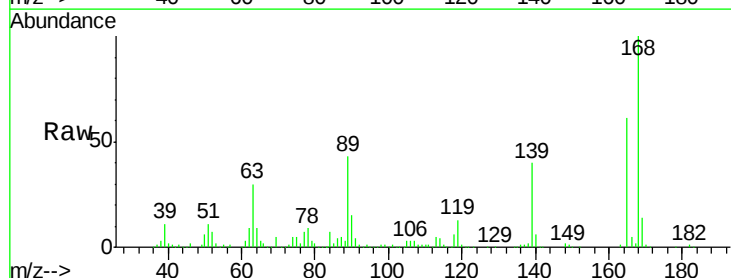
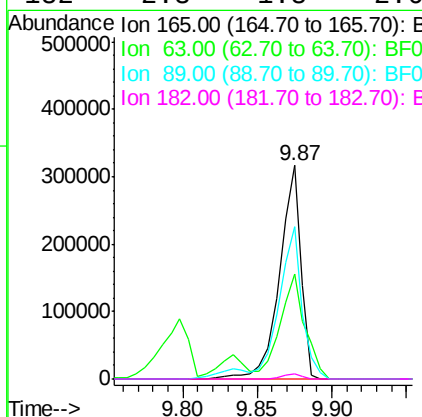
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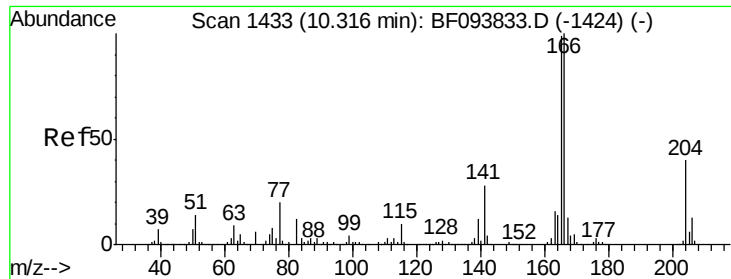
mohammad
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#56
2,4-Dinitrotoluene
Concen: 46.41 ng
RT: 9.87 min Scan# 1358
Delta R.T. -0.01 min
Lab File: BF093879.D
Acq: 23 Mar 2017 15:23

Tgt Ion	Ratio	Resp	Lower	Upper
165	100			
63	49.0	25.4	38.0	
89	71.2	46.4	69.6	
182	2.3	1.8	2.6	





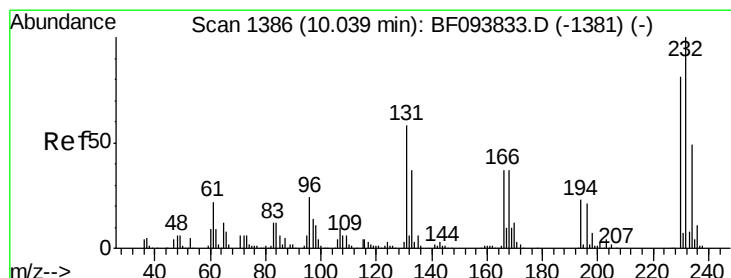
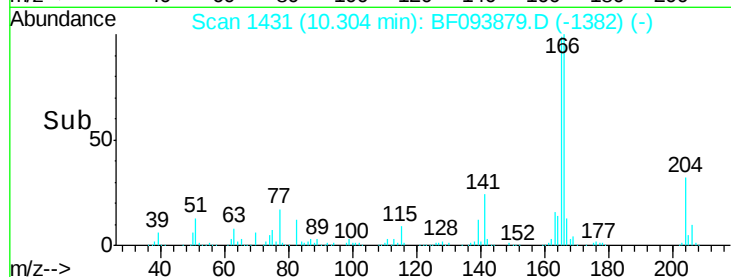
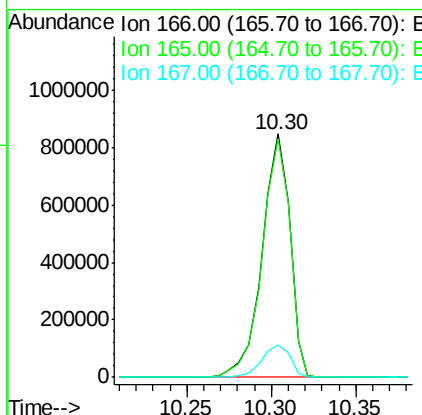
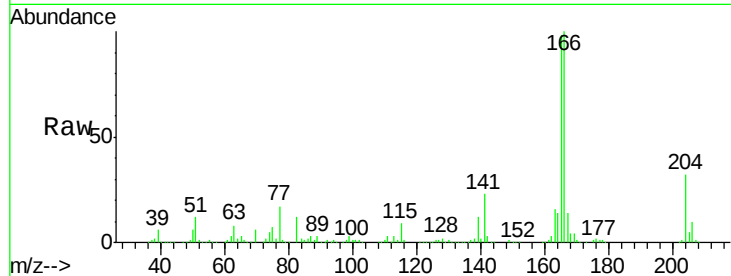
#57
Fluorene
 Concen: 41.41 ng
 RT: 10.30 min Scan# 1431
 Delta R.T. -0.01 min
 Lab File: BF093879.D
 Acq: 23 Mar 2017 15:23

Instrument :
 BNA_F
 ClientSampleId :
 PB97768BS

Tgt Ion	Ratio	Resp	Lower	Upper
166	100	966304		
165	97.9	78.8	118.2	
167	13.6	10.6	16.0	

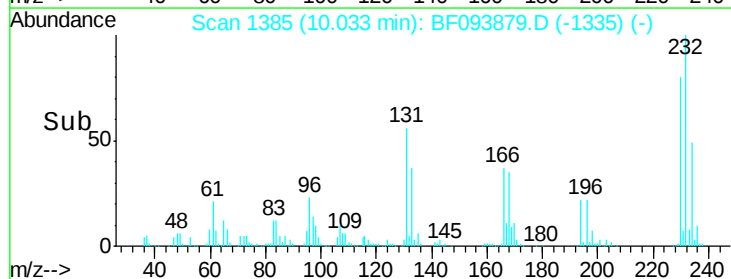
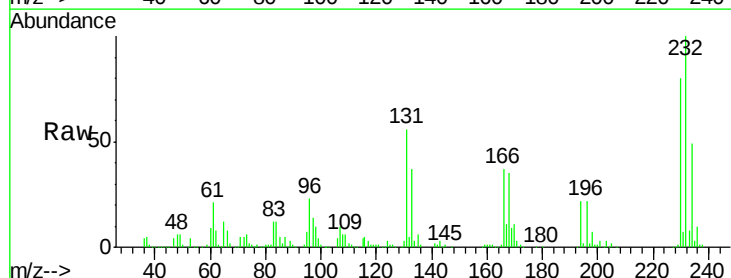
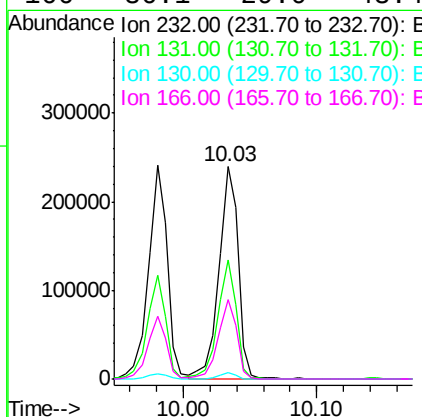
Manual Integrations
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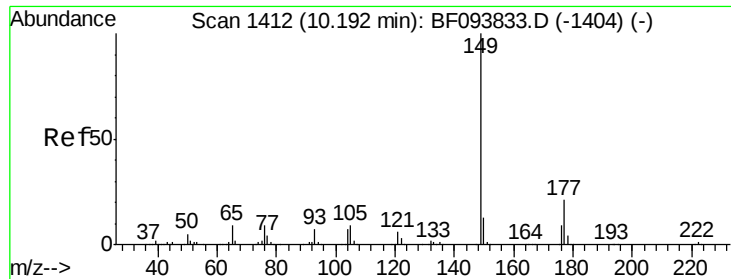
mohammad
 3/24/2017 4:10:41 PM



#58
2,3,4,6-Tetrachlorophenol
 Concen: 50.56 ng
 RT: 10.03 min Scan# 1385
 Delta R.T. -0.01 min
 Lab File: BF093879.D
 Acq: 23 Mar 2017 15:23

Tgt Ion	Ratio	Resp	Lower	Upper
232	100	245301		
131	53.8	44.8	67.2	
130	2.6	2.3	3.5	
166	36.1	29.0	43.4	





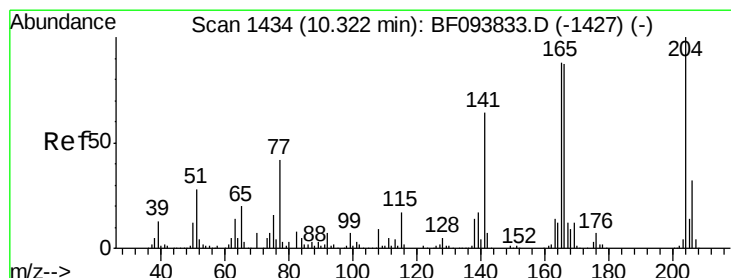
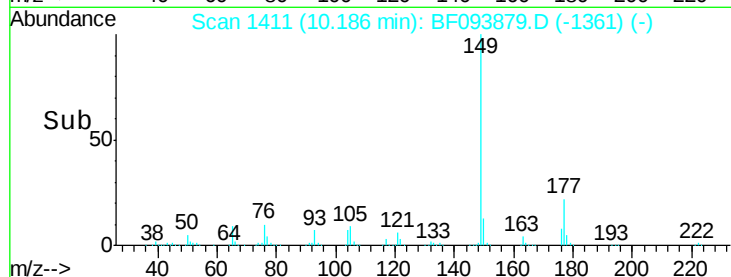
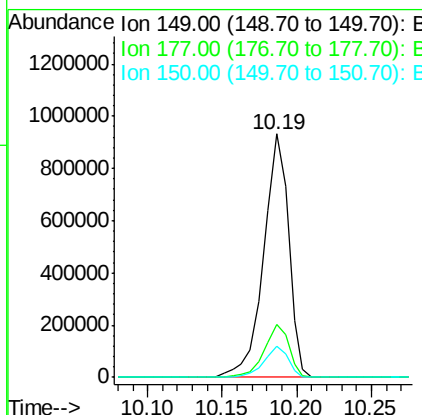
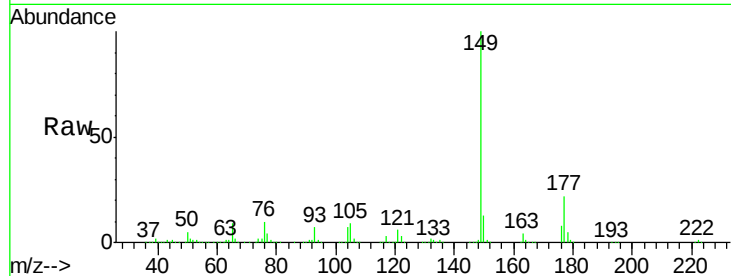
#59
Diethylphthalate
Concen: 45.28 ng
RT: 10.19 min Scan# 1411
Delta R.T. -0.01 min
Lab File: BF093879.D
Acq: 23 Mar 2017 15:23

Instrument :
BNA_F
ClientSampleId :
PB97768BS

Tgt Ion:149 Resp: 1074055
Ion Ratio Lower Upper
149 100
177 21.6 16.7 25.1
150 12.5 10.2 15.2

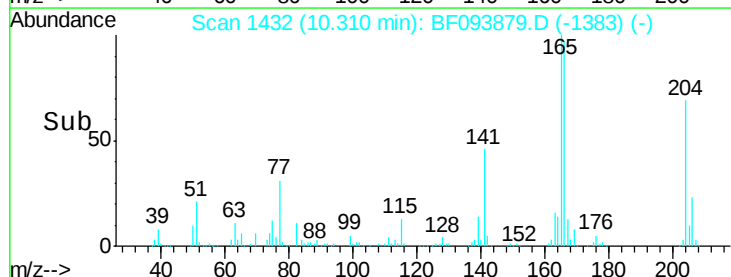
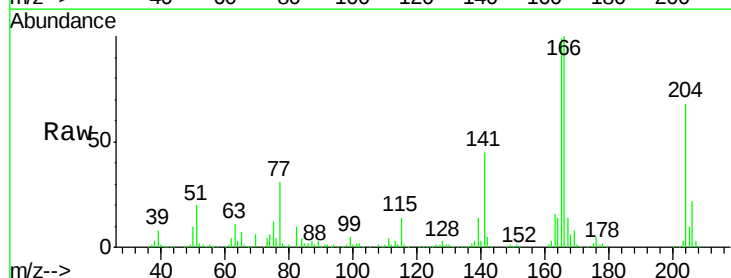
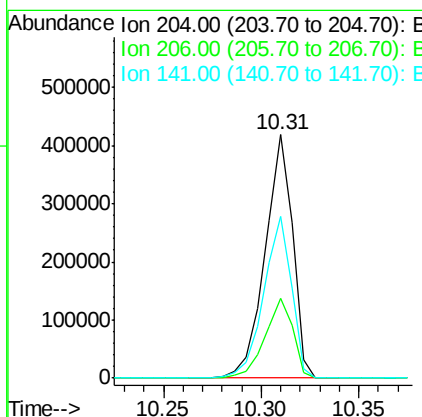
Manual Integrations
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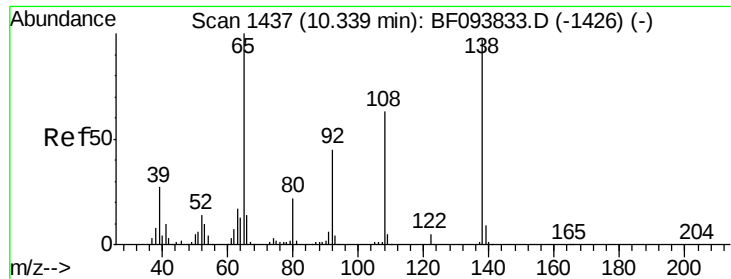
mohammad
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#60
4-Chlorophenyl-phenylether
Concen: 41.26 ng
RT: 10.31 min Scan# 1432
Delta R.T. -0.01 min
Lab File: BF093879.D
Acq: 23 Mar 2017 15:23

Tgt Ion:204 Resp: 410235
Ion Ratio Lower Upper
204 100
206 32.7 26.2 39.2
141 66.5 60.8 91.2





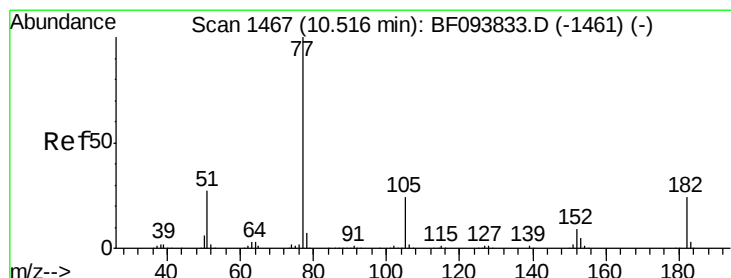
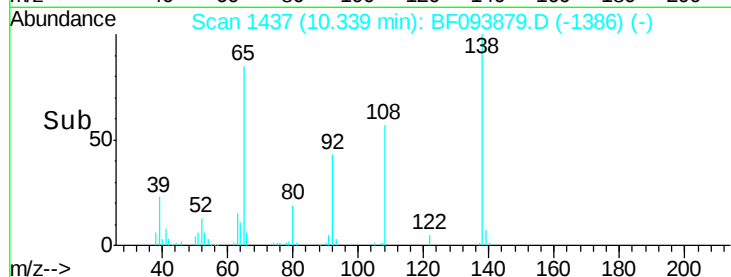
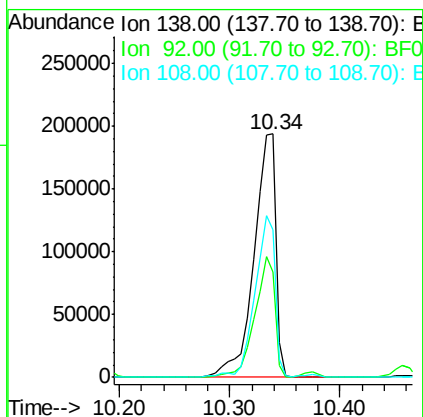
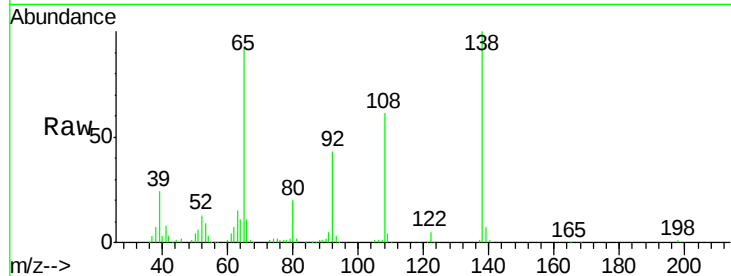
#61
4-Nitroaniline
Concen: 43.74 ng
RT: 10.34 min Scan# 1437
Delta R.T. 0.00 min
Lab File: BF093879.D
Acq: 23 Mar 2017 15:23

Instrument :
BNA_F
ClientSampled :
PB97768BS

Tgt Ion	Ratio	Resp	Lower	Upper
138	100	271185		
92	43.5	21.8	61.8	
108	60.9	42.3	82.3	

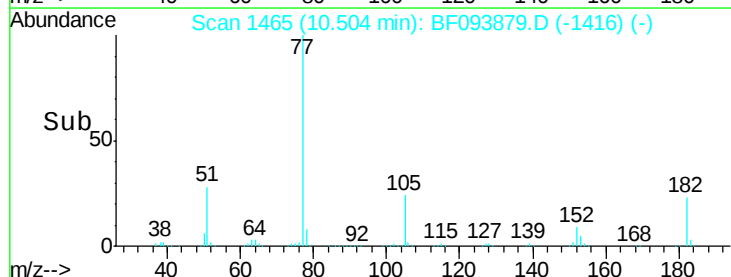
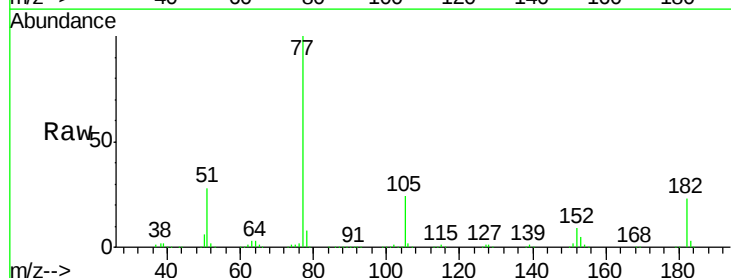
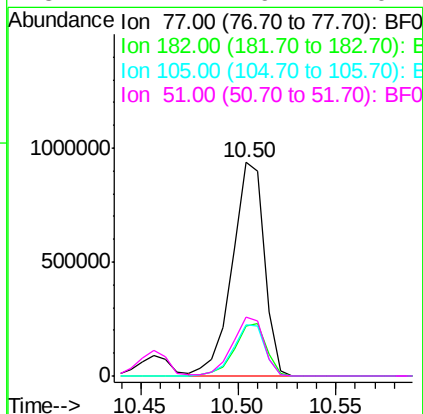
Manual Integrations
APPROVED

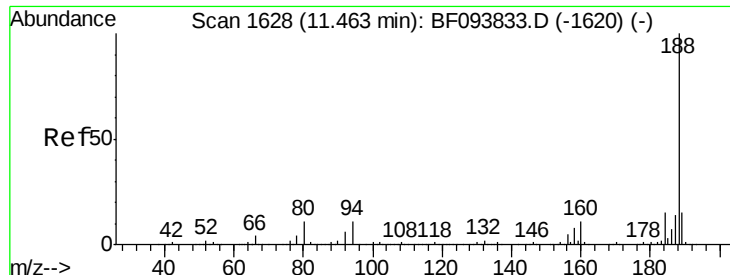
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#62
Azobenzene
Concen: 47.49 ng
RT: 10.50 min Scan# 1465
Delta R.T. -0.01 min
Lab File: BF093879.D
Acq: 23 Mar 2017 15:23

Tgt Ion	Ratio	Resp	Lower	Upper
77	100	1065633		
182	23.1	0.1	40.1	
105	23.7	3.6	43.6	
51	27.7	9.4	49.4	





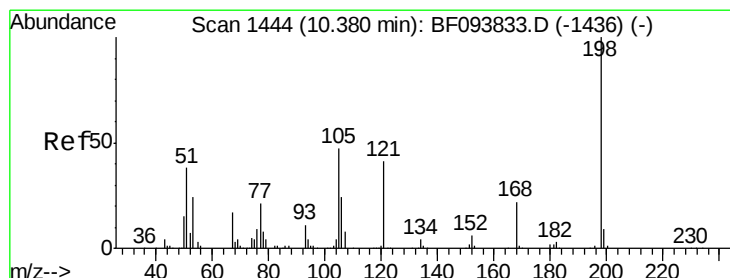
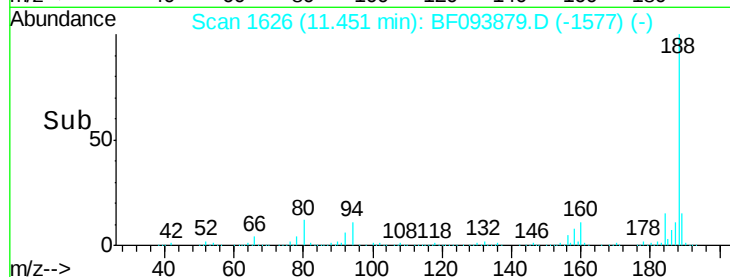
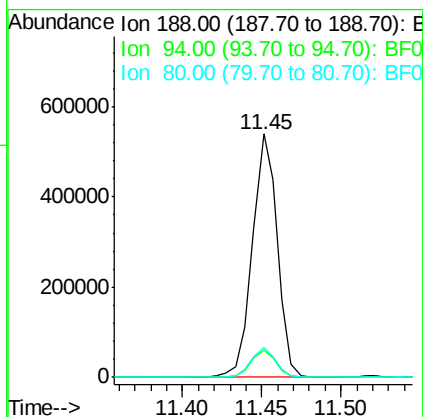
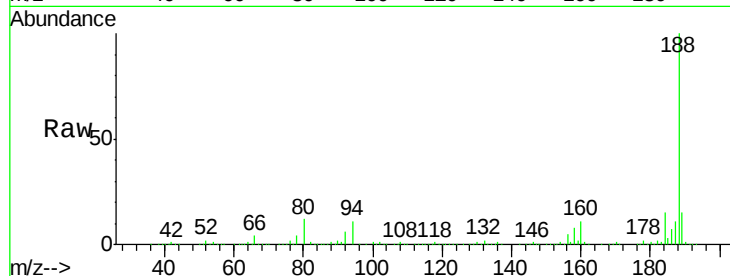
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.45 min Scan# 1626
Delta R.T. -0.01 min
Lab File: BF093879.D
Acq: 23 Mar 2017 15:23

Instrument :
BNA_F
ClientSampleId :
PB97768BS

Tgt Ion	Ratio	Resp Lower	Resp Upper
188	100		
94	11.3	9.4	14.2
80	12.4	10.2	15.2

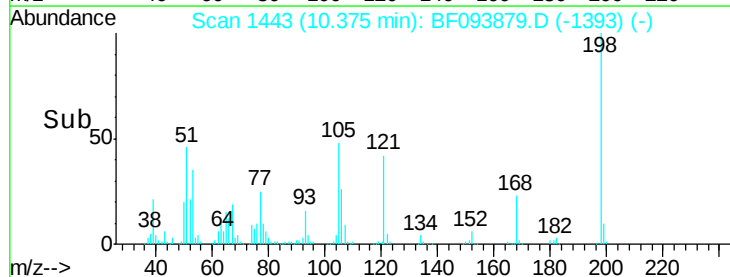
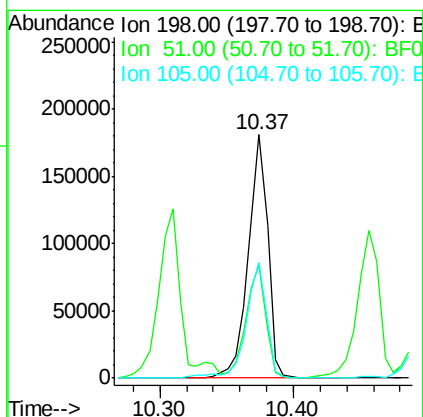
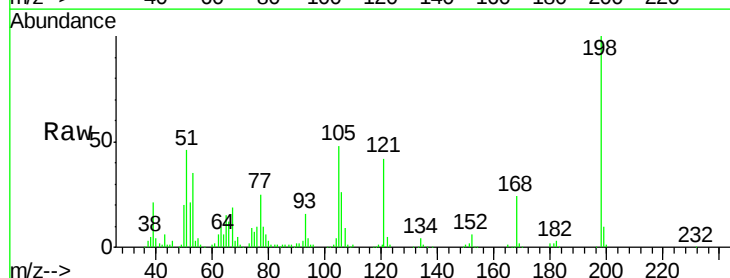
Manual Integrations
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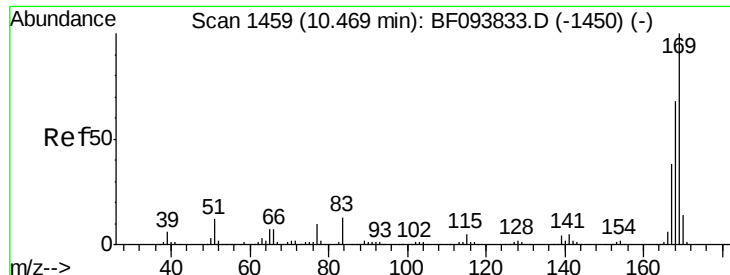
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#64
4,6-Dinitro-2-methylphenol
Concen: 50.30 ng
RT: 10.37 min Scan# 1443
Delta R.T. -0.01 min
Lab File: BF093879.D
Acq: 23 Mar 2017 15:23

Tgt Ion	Ratio	Resp Lower	Resp Upper
198	100		
51	46.3	53.2	93.2#
105	47.6	45.8	85.8





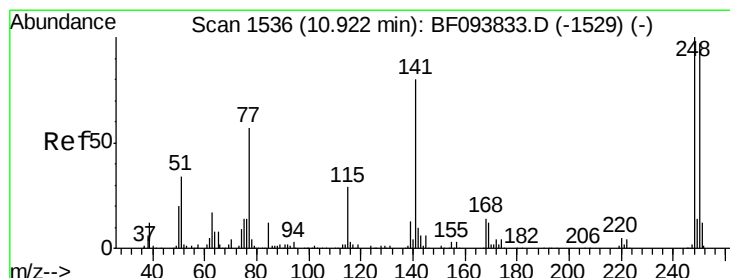
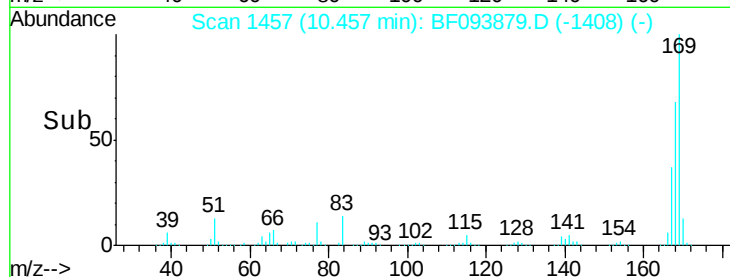
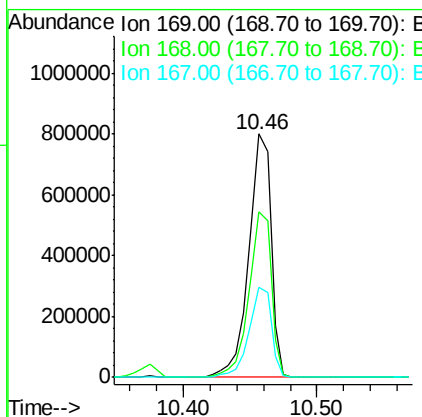
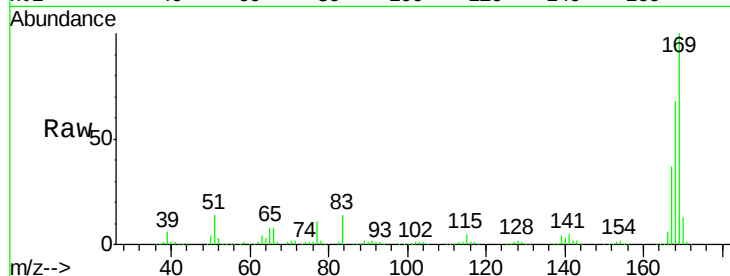
#65
n-Nitrosodiphenylamine
Concen: 44.92 ng
RT: 10.46 min Scan# 1457
Delta R.T. -0.01 min
Lab File: BF093879.D
Acq: 23 Mar 2017 15:23

Instrument :
BNA_F
ClientSampleId :
PB97768BS

Tgt Ion	Ratio	Resp	Lower	Upper
169	100	912788		
168	68.1	53.2	79.8	
167	36.9	29.5	44.3	

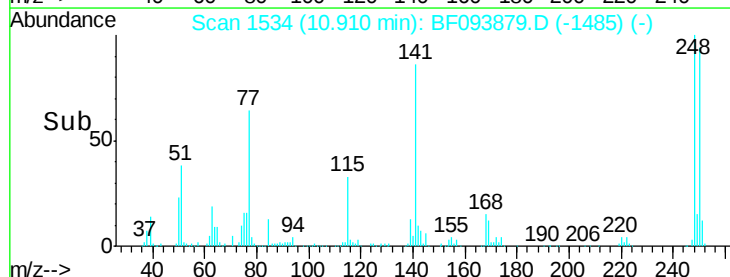
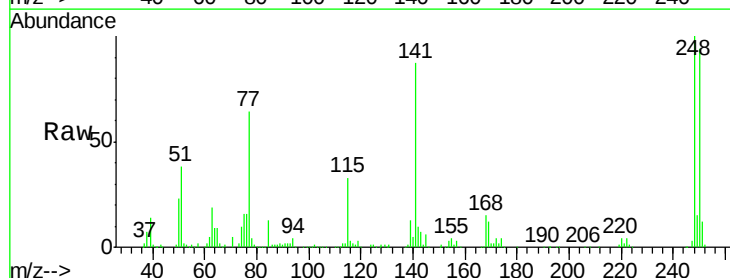
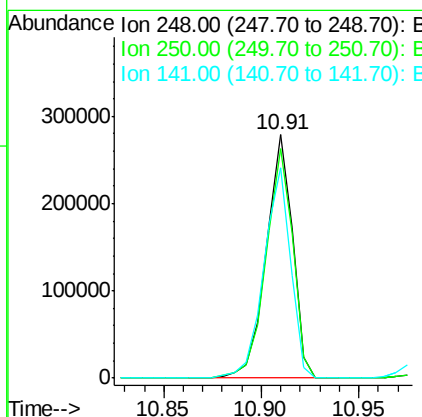
Manual Integrations
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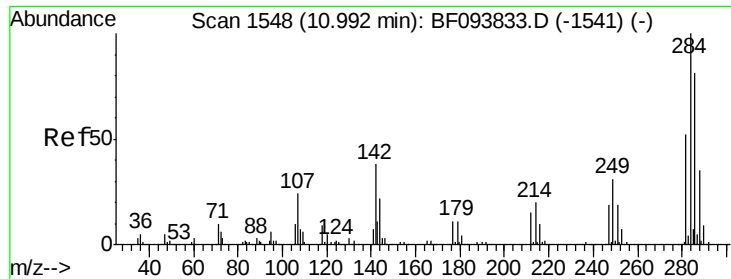
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#66
4-Bromophenyl-phenylether
Concen: 45.32 ng
RT: 10.91 min Scan# 1534
Delta R.T. -0.01 min
Lab File: BF093879.D
Acq: 23 Mar 2017 15:23

Tgt Ion	Ratio	Resp	Lower	Upper
248	100	261943		
250	94.5	76.8	115.2	
141	86.6	68.6	103.0	





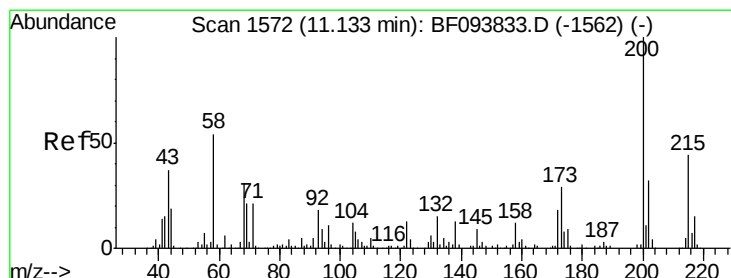
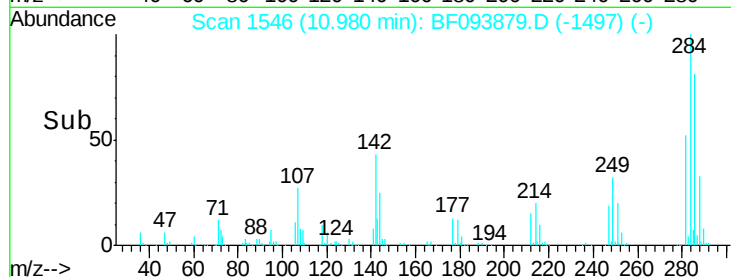
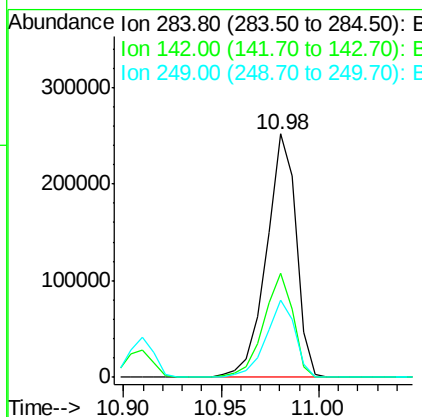
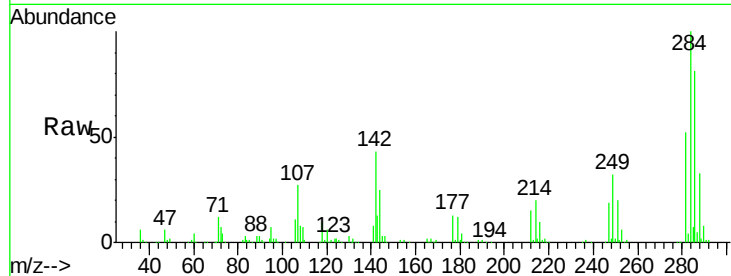
#67
Hexachlorobenzene
Concen: 45.36 ng
RT: 10.98 min Scan# 1546
Delta R.T. -0.01 min
Lab File: BF093879.D
Acq: 23 Mar 2017 15:23

Instrument :
BNA_F
ClientSampleId :
PB97768BS

Tgt Ion	Ratio	Resp	Lower	Upper
284	100	265361		
142	42.7	22.8	34.2#	
249	31.8	24.0	36.0	

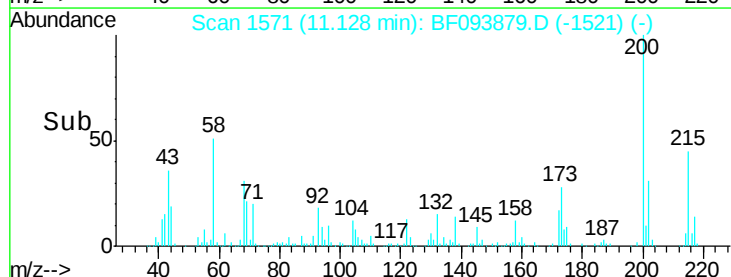
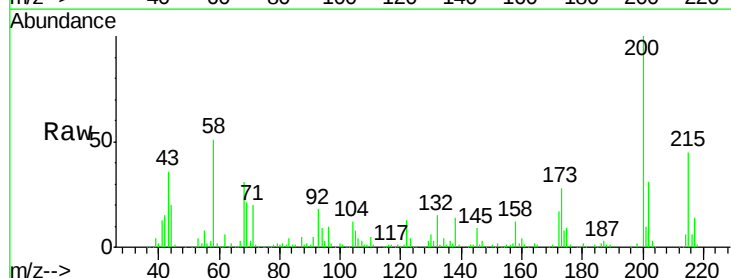
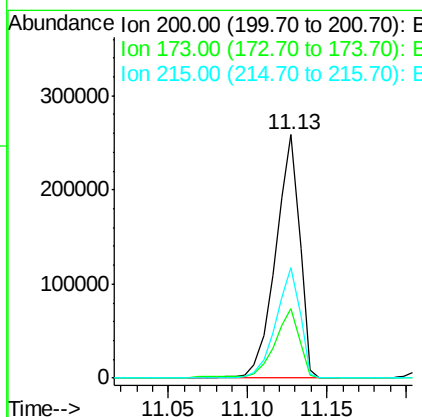
Manual Integrations
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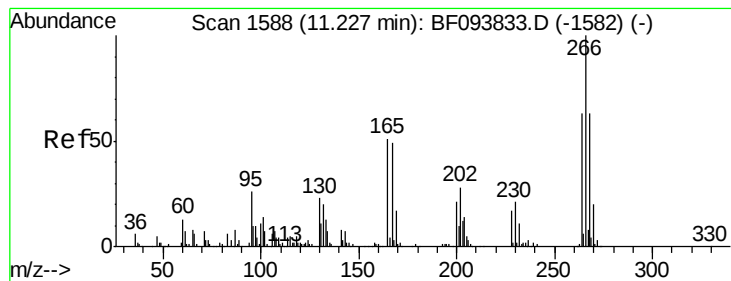
mohammad
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#68
Atrazine
Concen: 45.00 ng
RT: 11.13 min Scan# 1571
Delta R.T. -0.01 min
Lab File: BF093879.D
Acq: 23 Mar 2017 15:23

Tgt Ion	Ratio	Resp	Lower	Upper
200	100	273895		
173	28.5	6.3	46.3	
215	45.3	27.2	67.2	





#69

Pentachlorophenol

Concen: 88.51 ng

RT: 11.22 min Scan# 1587

Delta R.T. -0.01 min

Lab File: BF093879.D

Acq: 23 Mar 2017 15:23

Instrument :

BNA_F

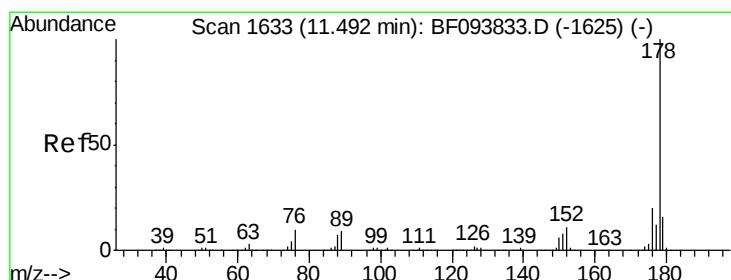
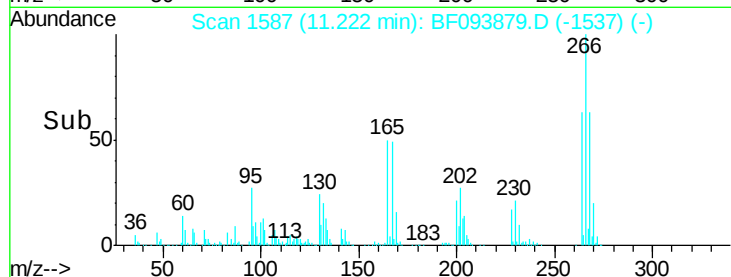
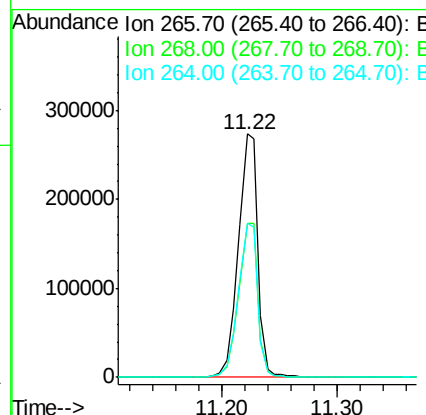
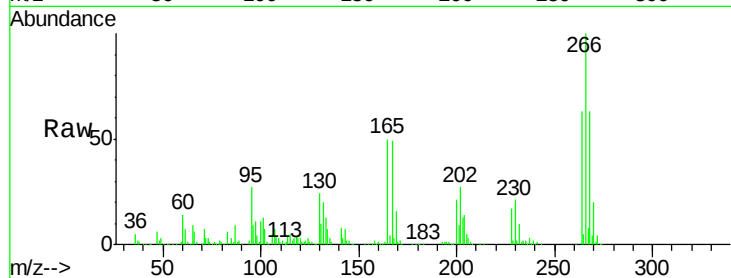
ClientSampleId :

PB97768BS

Tgt Ion	Ratio	Lower	Upper
266	100		
268	63.5	51.1	76.7
264	63.2	51.7	77.5

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#70

Phenanthrene

Concen: 43.58 ng

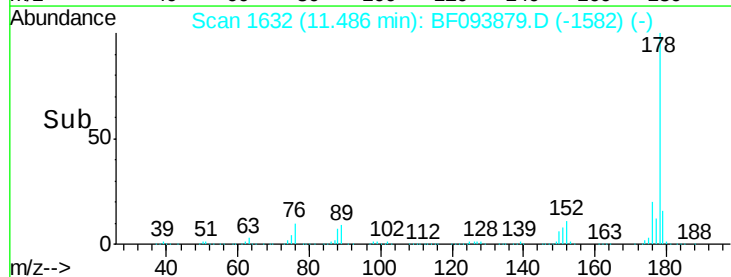
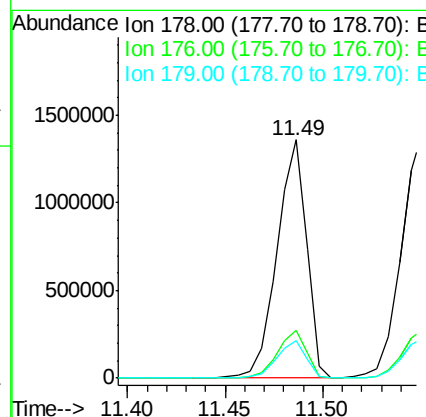
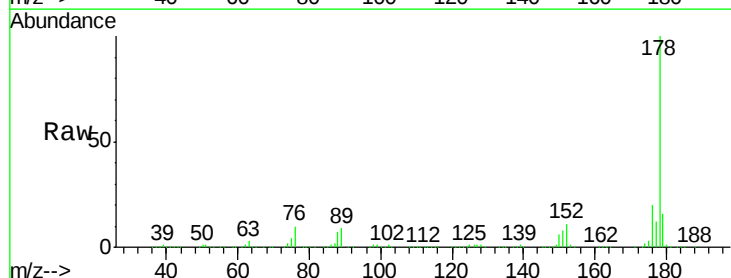
RT: 11.49 min Scan# 1632

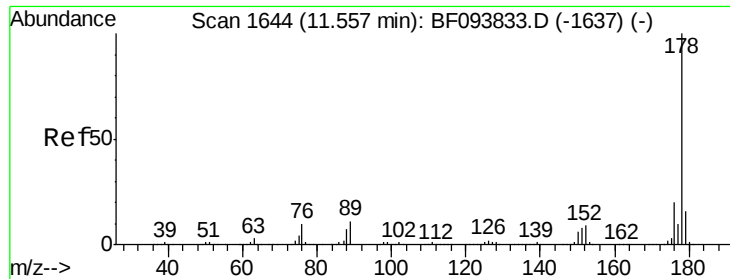
Delta R.T. -0.01 min

Lab File: BF093879.D

Acq: 23 Mar 2017 15:23

Tgt Ion	Ratio	Lower	Upper
178	100		
176	20.1	16.2	24.4
179	15.6	12.6	19.0





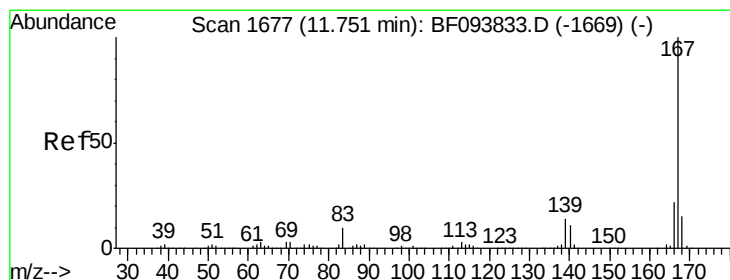
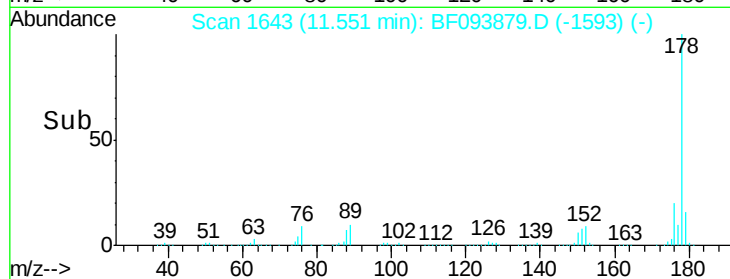
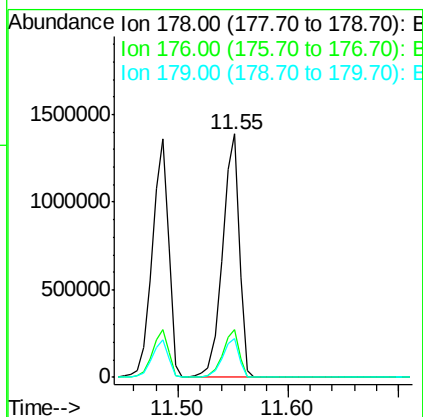
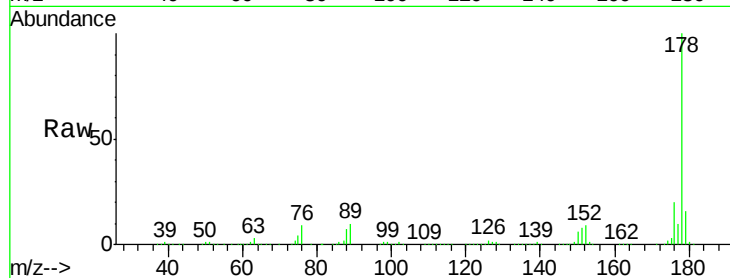
#71
 Anthracene
 Concen: 43.90 ng
 RT: 11.55 min Scan# 1643
 Delta R.T. -0.01 min
 Lab File: BF093879.D
 Acq: 23 Mar 2017 15:23

Instrument :
 BNA_F
 ClientSampleId :
 PB97768BS

Tgt Ion:178 Resp: 1477536
 Ion Ratio Lower Upper
 178 100
 176 19.6 15.8 23.8
 179 15.9 12.7 19.1

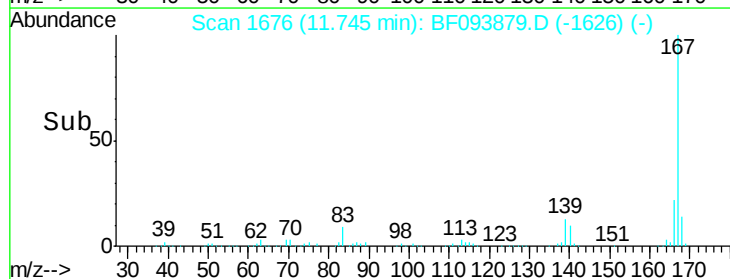
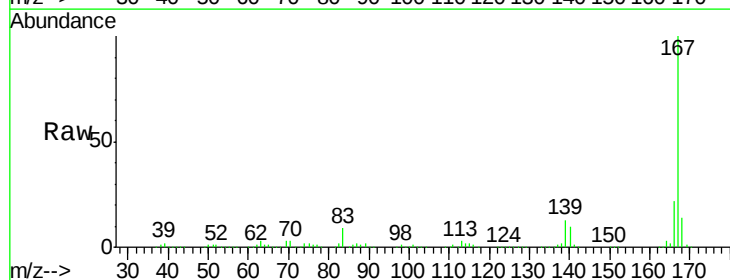
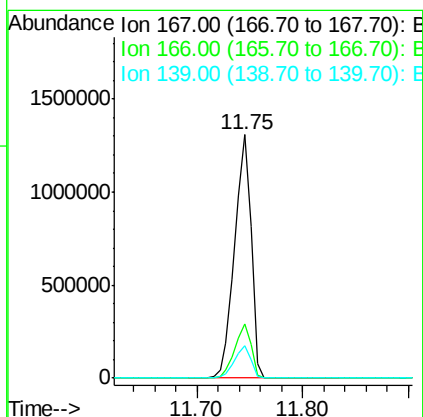
Manual Integrations
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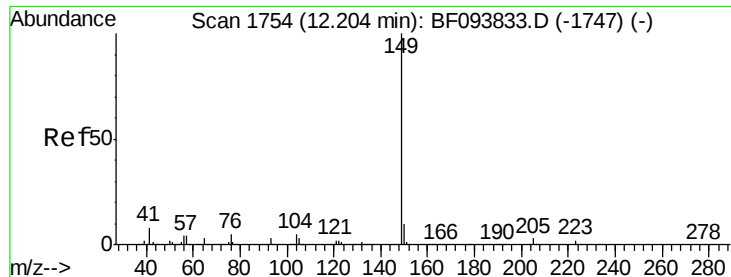
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#72
 Carbazole
 Concen: 40.71 ng
 RT: 11.75 min Scan# 1676
 Delta R.T. -0.01 min
 Lab File: BF093879.D
 Acq: 23 Mar 2017 15:23

Tgt Ion:167 Resp: 1404923
 Ion Ratio Lower Upper
 167 100
 166 22.3 18.1 27.1
 139 13.2 11.7 17.5





#73

Di-n-butylphthalate

Concen: 45.93 ng

RT: 12.20 min Scan# 1753

Delta R.T. -0.01 min

Lab File: BF093879.D

Acq: 23 Mar 2017 15:23

Instrument :

BNA_F

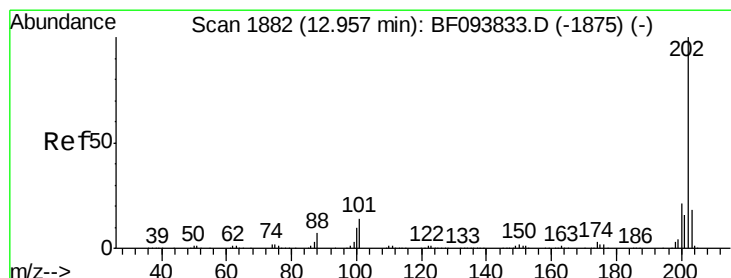
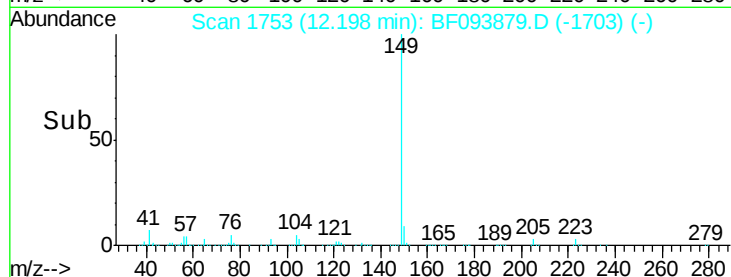
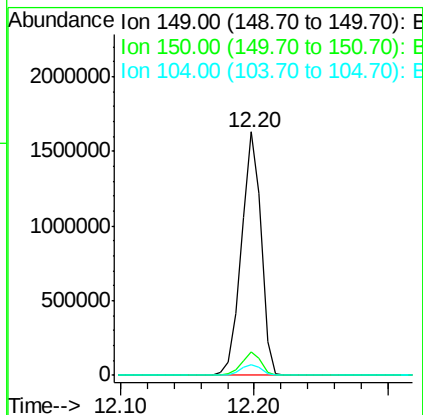
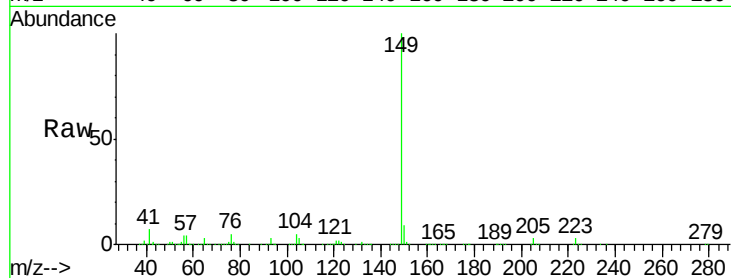
ClientSampleId :

PB97768BS

Tgt Ion:	149	Resp:	1648556
Ion	Ratio	Lower	Upper
149	100		
150	9.4	7.7	11.5
104	4.6	4.0	6.0

Manual Integrations
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#74

Fluoranthene

Concen: 44.16 ng

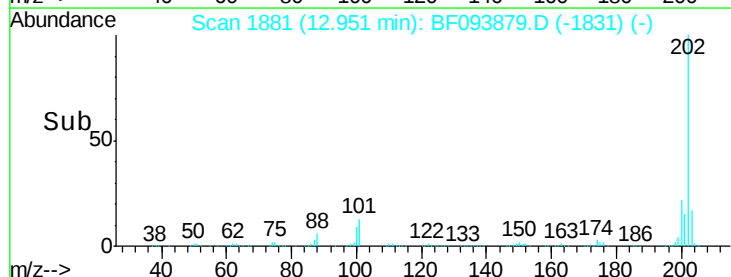
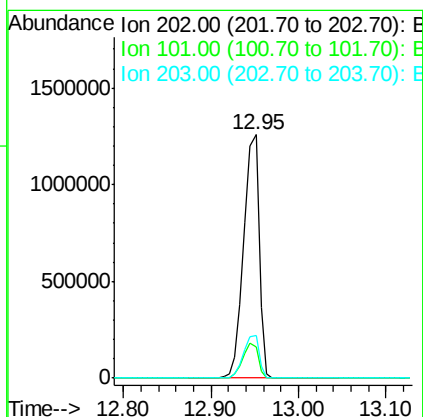
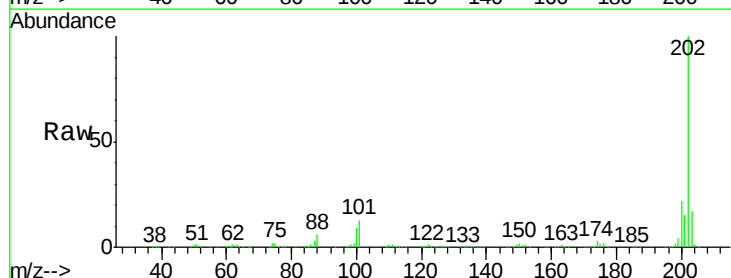
RT: 12.95 min Scan# 1881

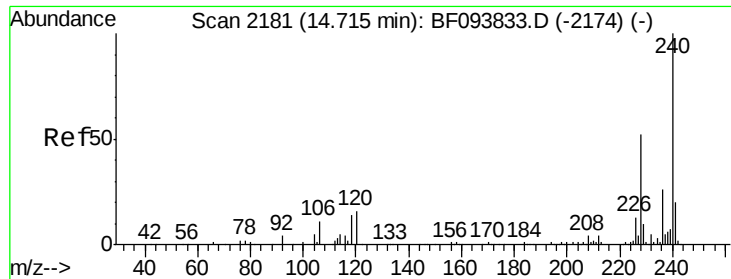
Delta R.T. -0.01 min

Lab File: BF093879.D

Acq: 23 Mar 2017 15:23

Tgt Ion:	202	Resp:	1478064
Ion	Ratio	Lower	Upper
202	100		
101	12.7	0.0	33.2
203	17.4	0.0	38.1





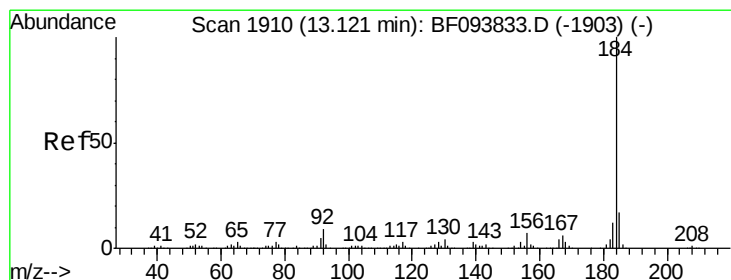
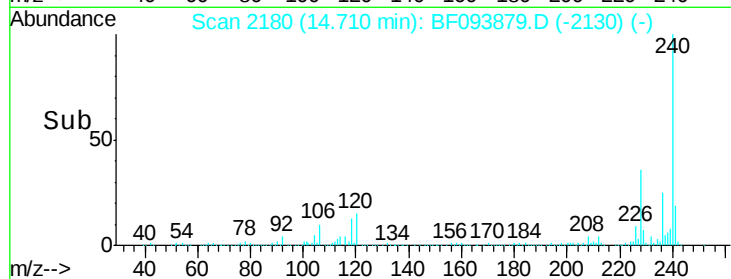
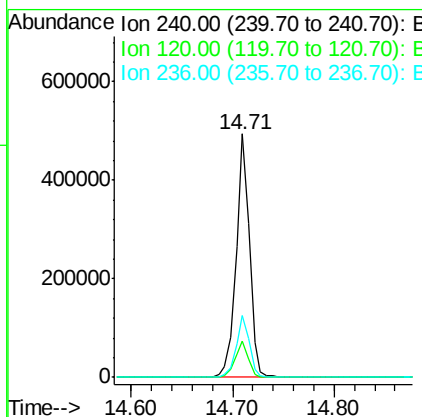
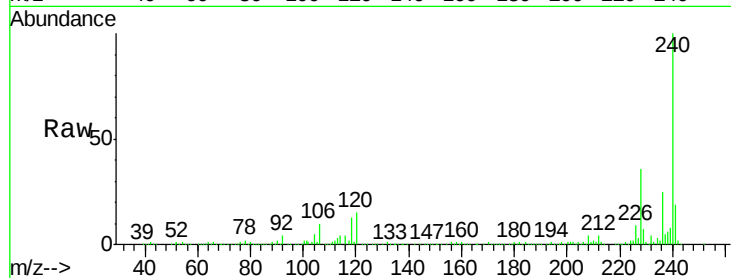
#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 14.71 min Scan# 2180
 Delta R.T. -0.01 min
 Lab File: BF093879.D
 Acq: 23 Mar 2017 15:23

Instrument :
 BNA_F
 ClientSampleId :
 PB97768BS

Tgt Ion	Ratio	Lower	Upper
240	100		
120	14.8	5.8	8.8#
236	25.5	20.5	30.7

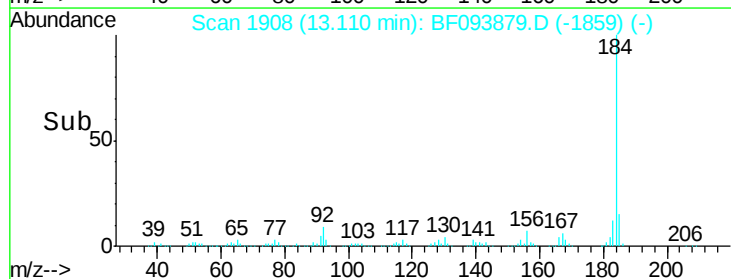
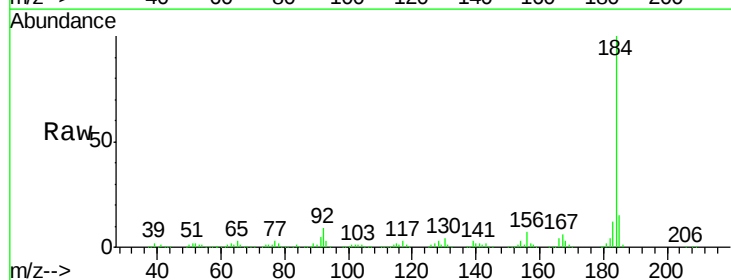
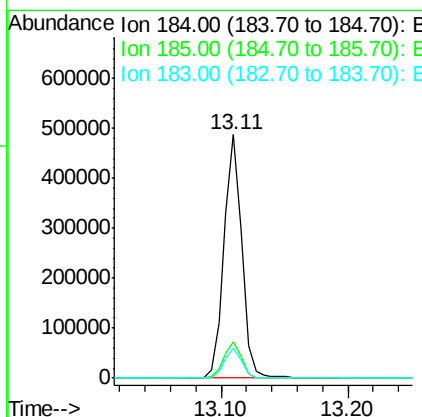
Manual Integrations
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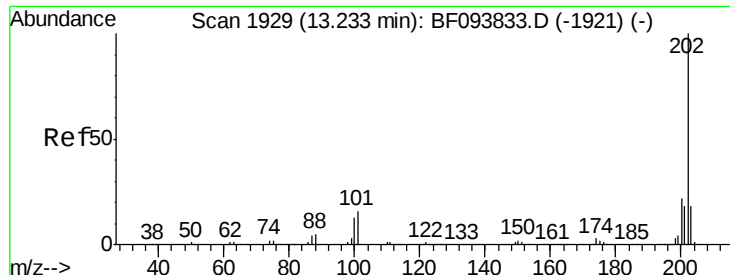
mohammad
 3/24/2017 4:10:41 PM



#76
 Benzidine
 Concen: 26.60 ng
 RT: 13.11 min Scan# 1908
 Delta R.T. -0.01 min
 Lab File: BF093879.D
 Acq: 23 Mar 2017 15:23

Tgt Ion	Ratio	Lower	Upper
184	100		
185	15.0	15.5	23.3#
183	12.4	9.8	14.6





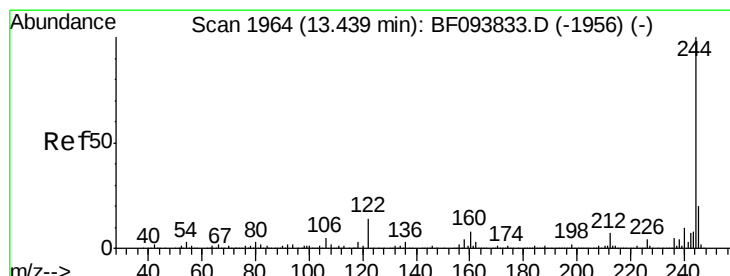
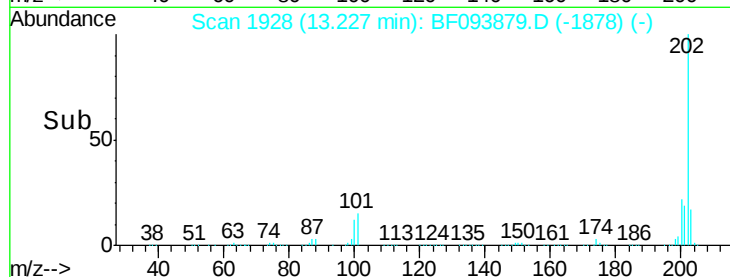
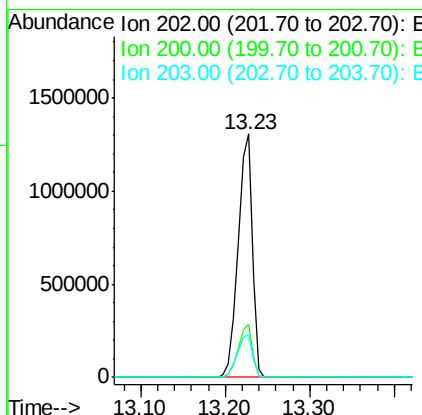
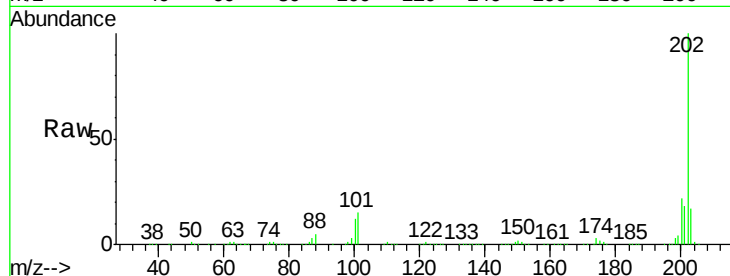
#77
 Pyrene
 Concen: 45.54 ng
 RT: 13.23 min Scan# 1928
 Delta R.T. -0.01 min
 Lab File: BF093879.D
 Acq: 23 Mar 2017 15:23

Instrument :
 BNA_F
 ClientSampleId :
 PB97768BS

Tgt Ion	Ratio	Lower	Upper
202	100		
200	21.6	17.6	26.4
203	17.3	14.4	21.6

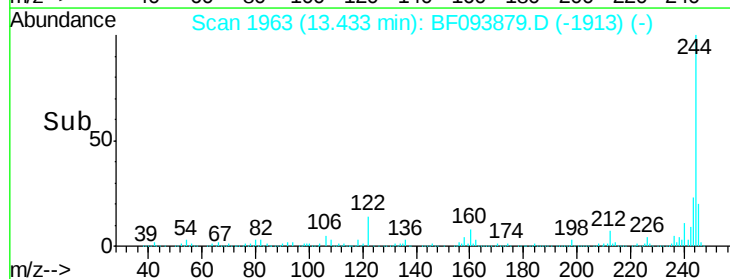
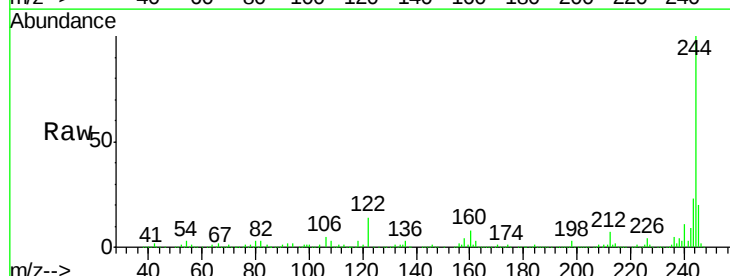
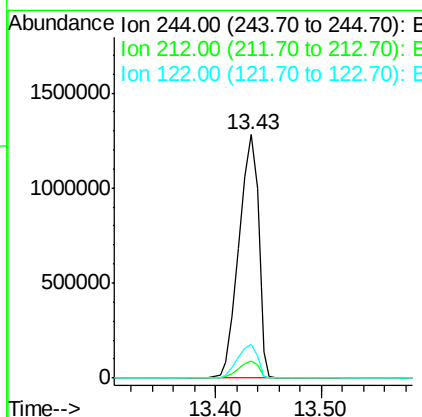
Manual Integrations
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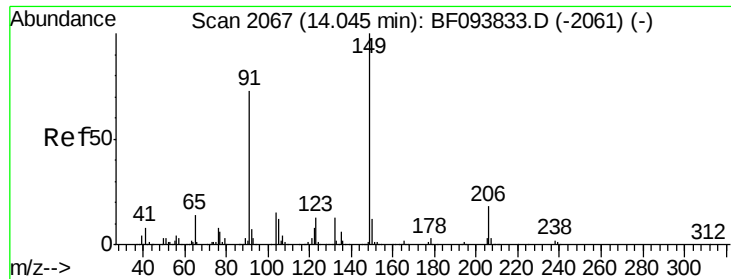
mohammad
 3/24/2017 4:10:41 PM



#78
 Terphenyl-d14
 Concen: 81.00 ng
 RT: 13.43 min Scan# 1963
 Delta R.T. -0.01 min
 Lab File: BF093879.D
 Acq: 23 Mar 2017 15:23

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.1	6.0	9.0
122	13.6	10.3	15.5





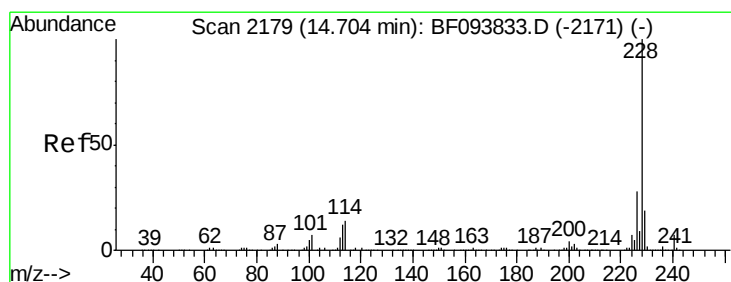
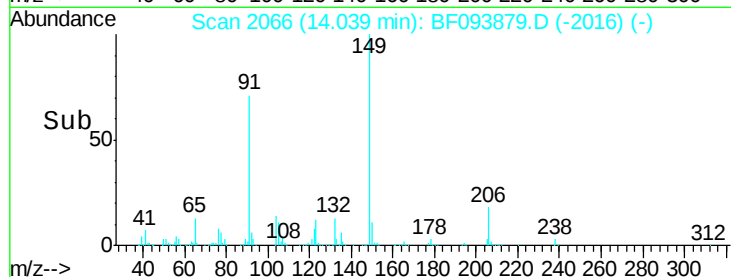
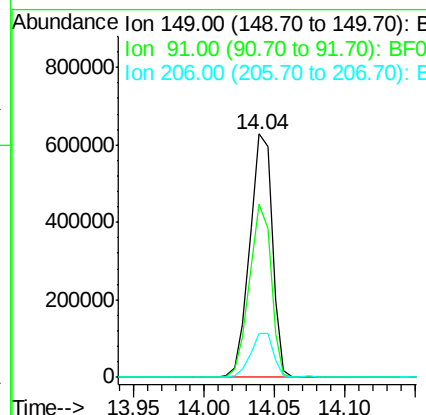
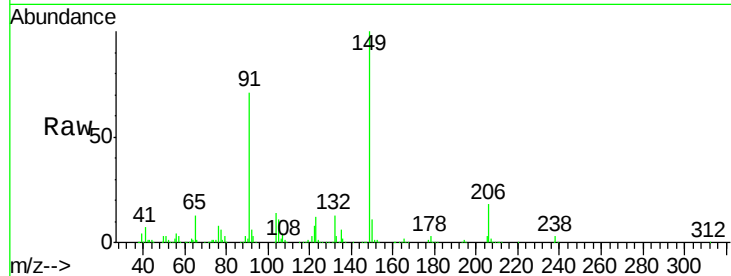
#79
Butylbenzylphthalate
Concen: 50.47 ng
RT: 14.04 min Scan# 2066
Delta R.T. -0.01 min
Lab File: BF093879.D
Acq: 23 Mar 2017 15:23

Instrument :
BNA_F
ClientSampleId :
PB97768BS

Tgt Ion	Ratio	Lower	Upper
149	100		
91	71.3	45.0	67.4#
206	17.9	17.0	25.6

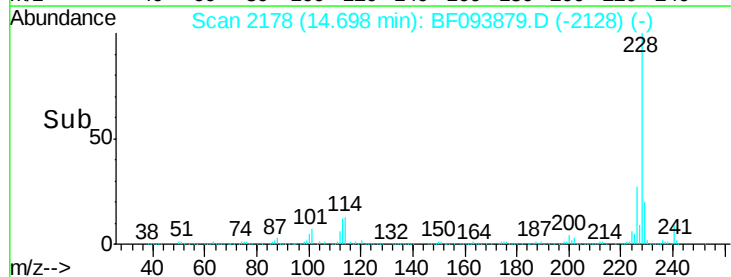
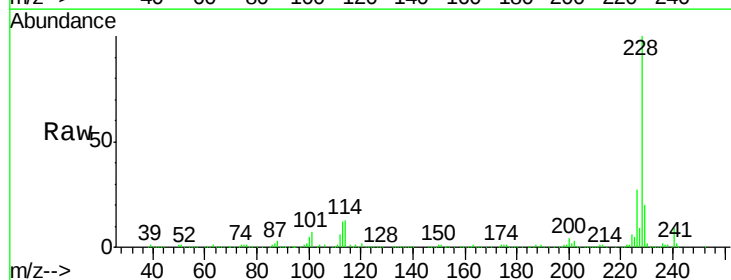
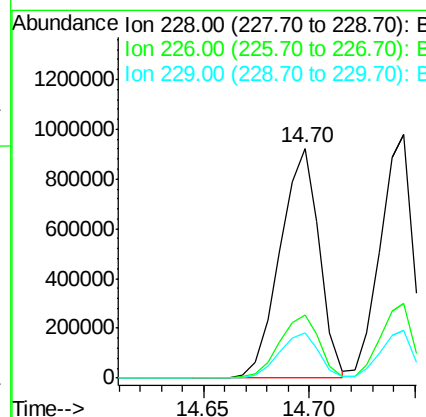
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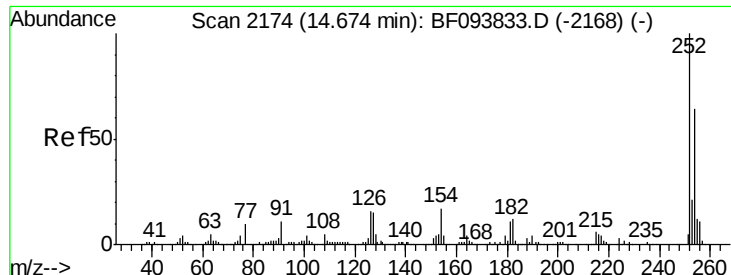
mohammad
3/24/2017 4:10:41 PM



#80
Benzo(a)anthracene
Concen: 45.17 ng
RT: 14.70 min Scan# 2178
Delta R.T. -0.01 min
Lab File: BF093879.D
Acq: 23 Mar 2017 15:23

Tgt Ion	Ratio	Lower	Upper
228	100		
226	27.4	22.6	33.8
229	19.7	16.3	24.5





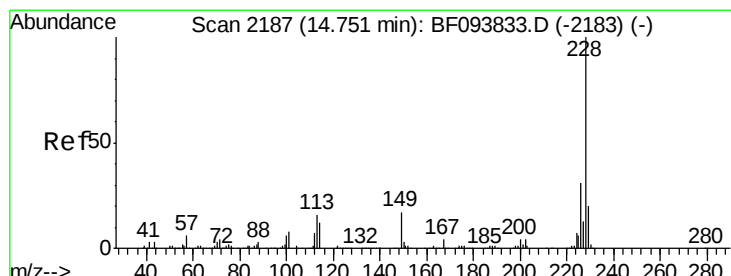
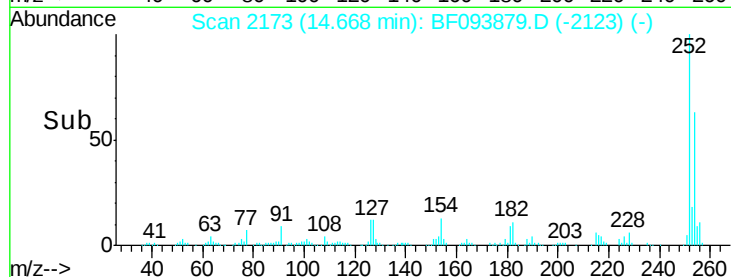
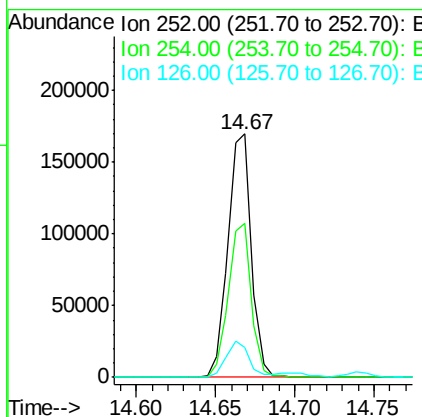
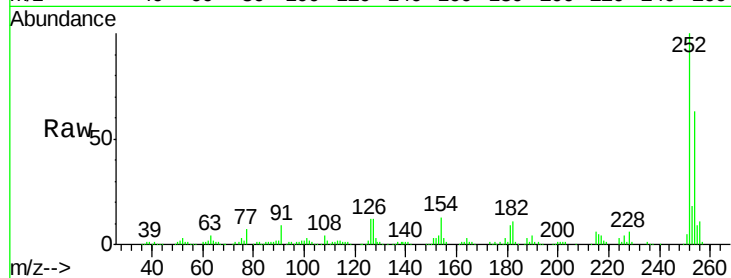
#81
 3,3'-Dichlorobenzidine
 Concen: 18.49 ng
 RT: 14.67 min Scan# 2173
 Delta R.T. -0.01 min
 Lab File: BF093879.D
 Acq: 23 Mar 2017 15:23

Instrument :
 BNA_F
 ClientSampleId :
 PB97768BS

Tgt Ion	Ratio	Resp Lower	Resp Upper
252	100		
254	63.5	51.5	77.3
126	12.4	15.8	23.8

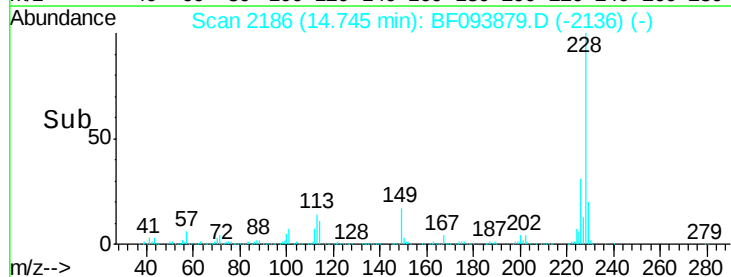
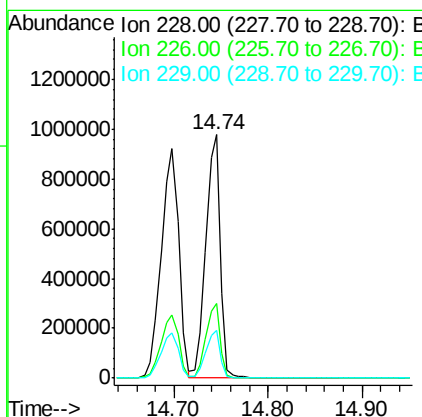
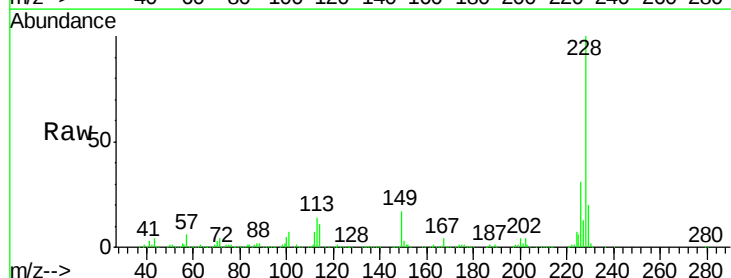
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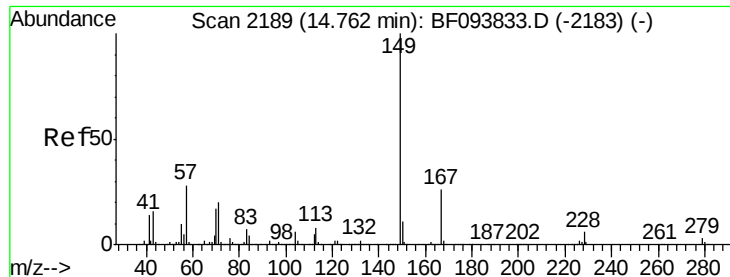
mohammad
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#82
 Chrysene
 Concen: 43.28 ng
 RT: 14.74 min Scan# 2186
 Delta R.T. -0.01 min
 Lab File: BF093879.D
 Acq: 23 Mar 2017 15:23

Tgt Ion	Ratio	Resp Lower	Resp Upper
228	100		
226	30.8	24.9	37.3
229	19.8	15.8	23.6





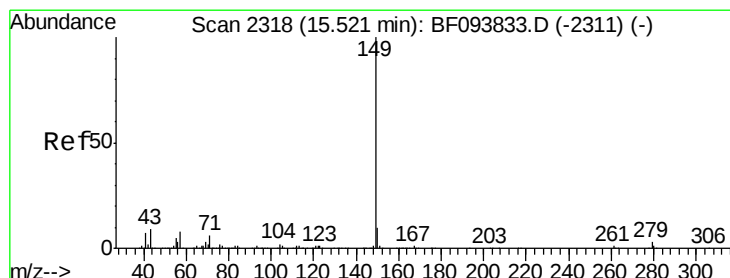
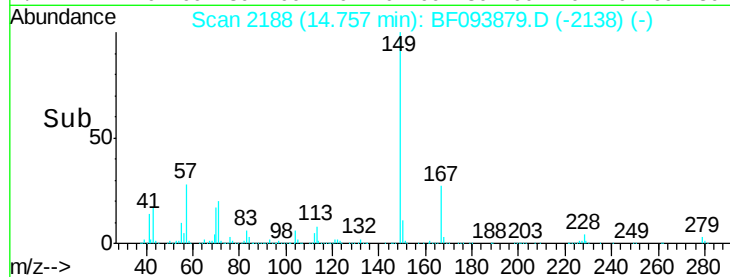
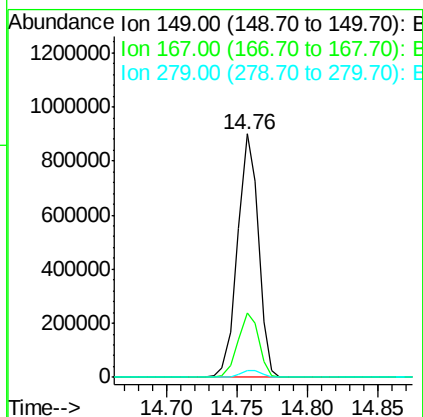
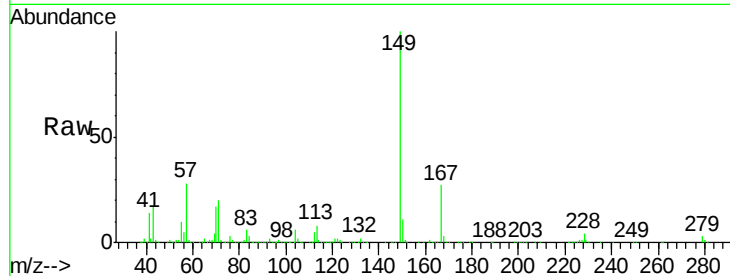
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 48.68 ng
 RT: 14.76 min Scan# 2188
 Delta R.T. -0.01 min
 Lab File: BF093879.D
 Acq: 23 Mar 2017 15:23

Instrument :
 BNA_F
 ClientSampleId :
 PB97768BS

Tgt Ion	Ratio	Lower	Upper
149	100		
167	26.6	21.0	31.4
279	2.9	1.9	2.9

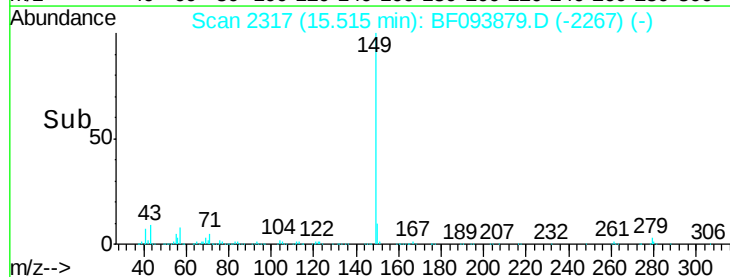
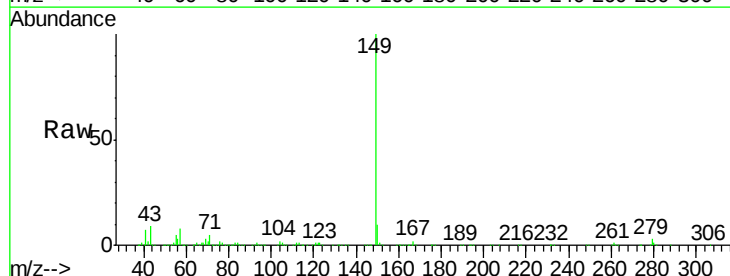
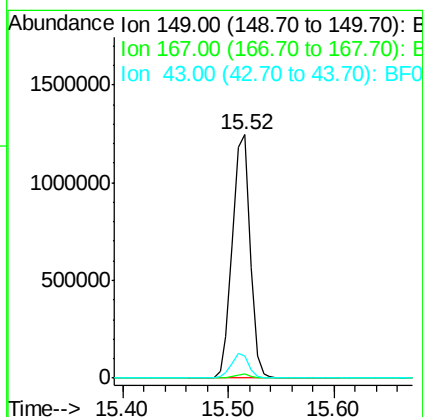
Manual Integrations
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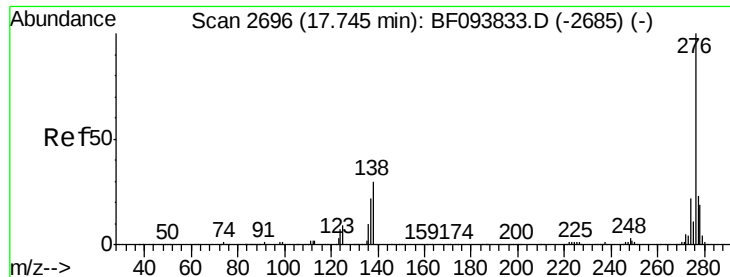
mohammad
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#84
 Di-n-octyl phthalate
 Concen: 45.31 ng
 RT: 15.52 min Scan# 2317
 Delta R.T. -0.01 min
 Lab File: BF093879.D
 Acq: 23 Mar 2017 15:23

Tgt Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.2	1.8
43	9.9	8.5	12.7





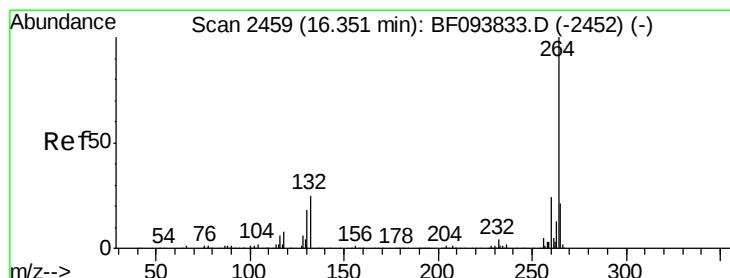
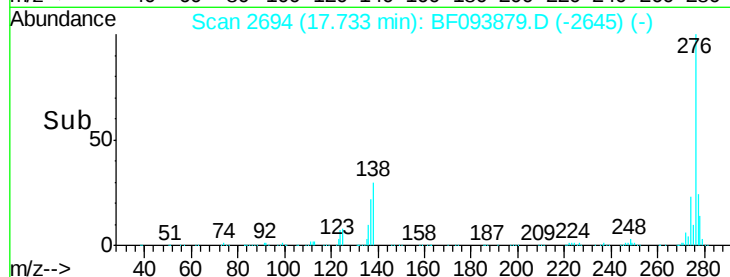
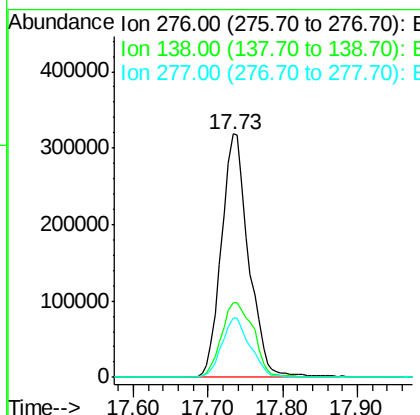
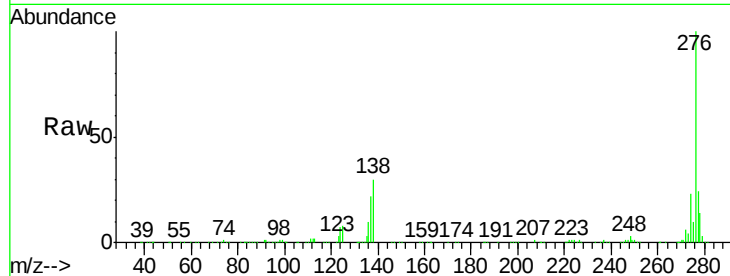
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 38.49 ng
 RT: 17.73 min Scan# 2694
 Delta R.T. -0.01 min
 Lab File: BF093879.D
 Acq: 23 Mar 2017 15:23

Instrument :
 BNA_F
 ClientSampleId :
 PB97768BS

Tgt Ion	Ratio	Lower	Upper
276	100		
138	35.9	27.8	41.6
277	25.4	20.2	30.4

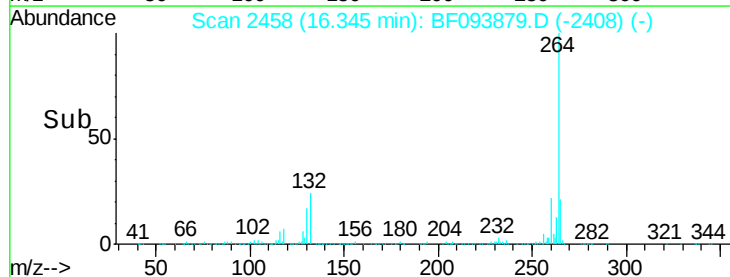
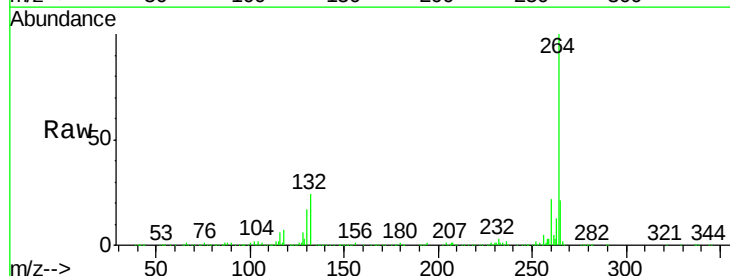
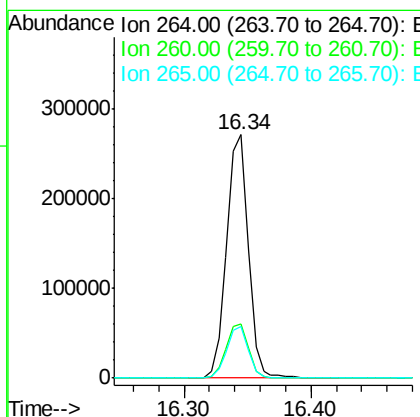
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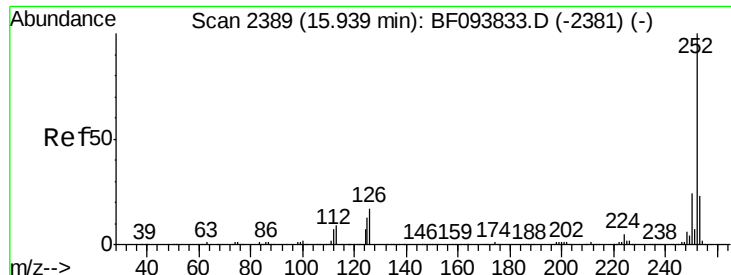
mohammad
 3/24/2017 4:10:41 PM



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 16.34 min Scan# 2458
 Delta R.T. -0.01 min
 Lab File: BF093879.D
 Acq: 23 Mar 2017 15:23

Tgt Ion	Ratio	Lower	Upper
264	100		
260	22.3	19.5	29.3
265	21.2	17.2	25.8





#87

Benzo(b)fluoranthene

Concen: 47.17 ng

RT: 15.93 min Scan# 2388

Delta R.T. -0.01 min

Lab File: BF093879.D

Acq: 23 Mar 2017 15:23

Instrument :

BNA_F

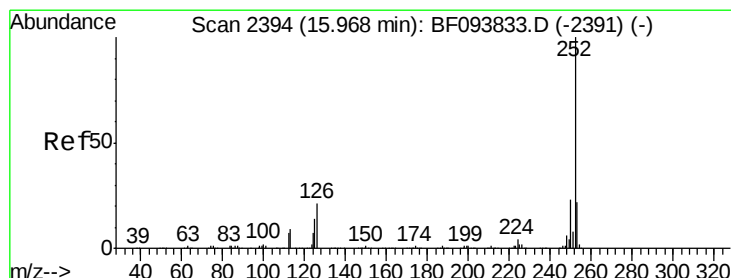
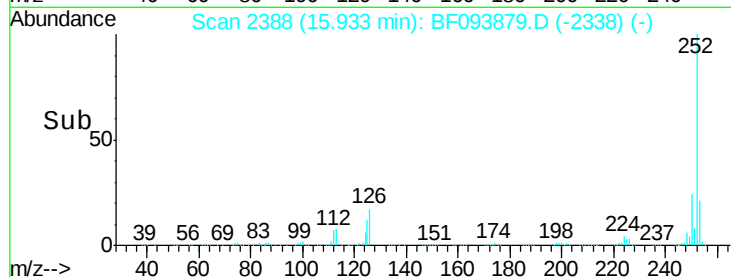
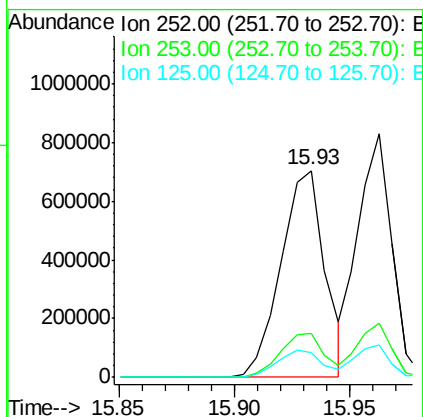
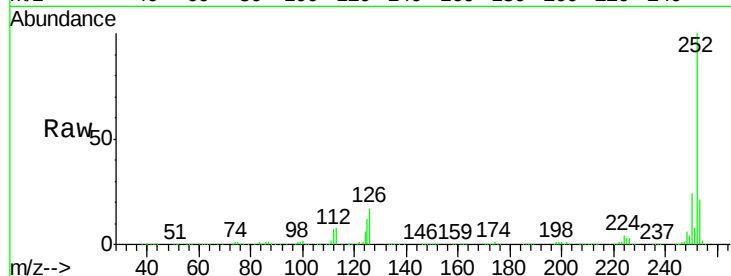
ClientSampleId :

PB97768BS

Tgt Ion:	252	Resp:	931345
Ion Ratio	Lower	Upper	
252	100		
253	21.2	18.1	27.1
125	12.2	9.8	14.8

Manual Integrations
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#88

Benzo(k)fluoranthene

Concen: 44.61 ng

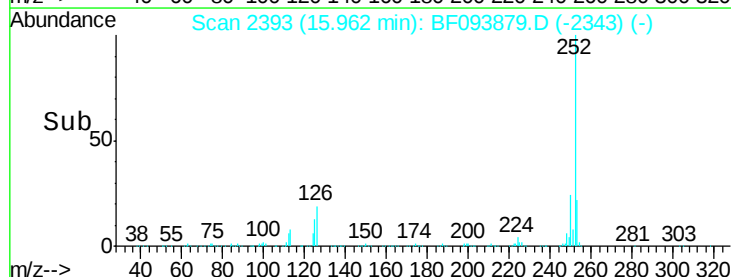
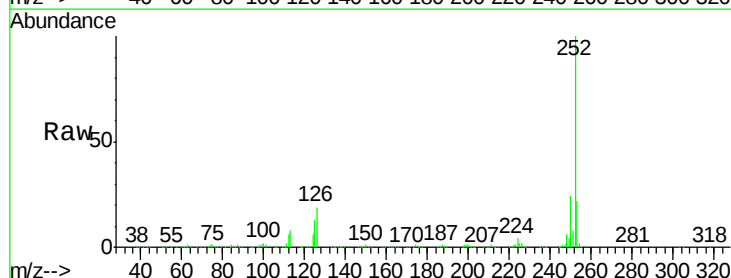
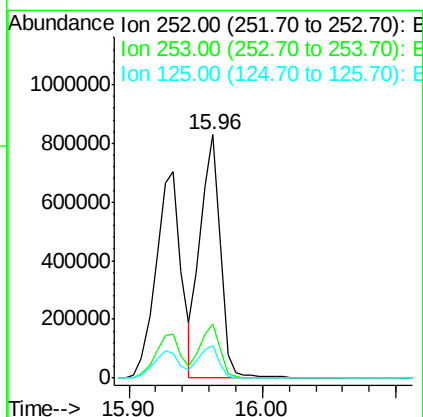
RT: 15.96 min Scan# 2393

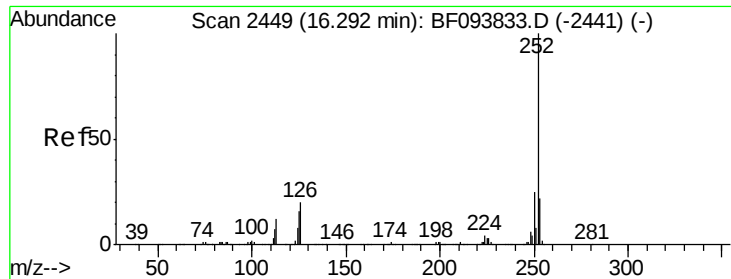
Delta R.T. -0.01 min

Lab File: BF093879.D

Acq: 23 Mar 2017 15:23

Tgt Ion:	252	Resp:	861778
Ion Ratio	Lower	Upper	
252	100		
253	22.4	18.4	27.6
125	13.2	13.1	19.7





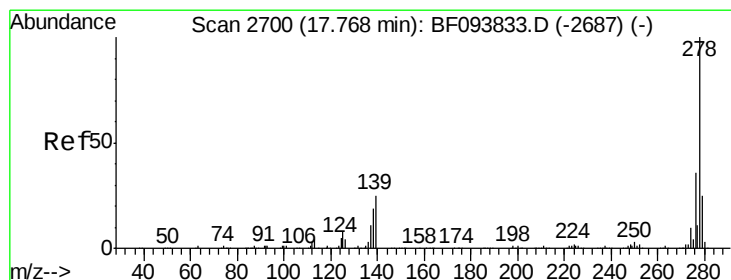
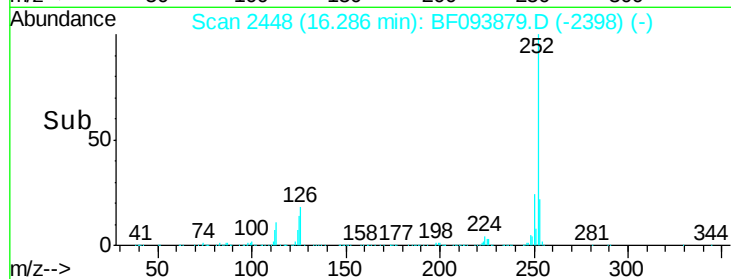
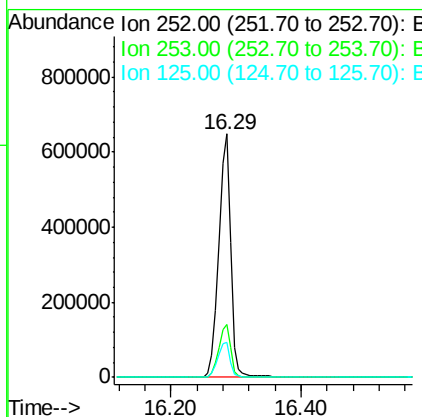
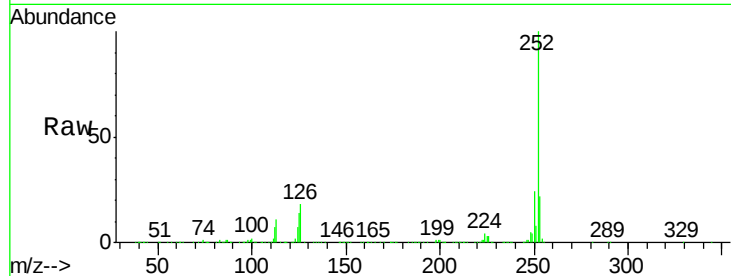
#89
Benzo(a)pyrene
Concen: 45.90 ng
RT: 16.29 min Scan# 2448
Delta R.T. -0.01 min
Lab File: BF093879.D
Acq: 23 Mar 2017 15:23

Instrument :
BNA_F
ClientSampleId :
PB97768BS

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.9	17.5	26.3
125	14.2	11.0	16.4

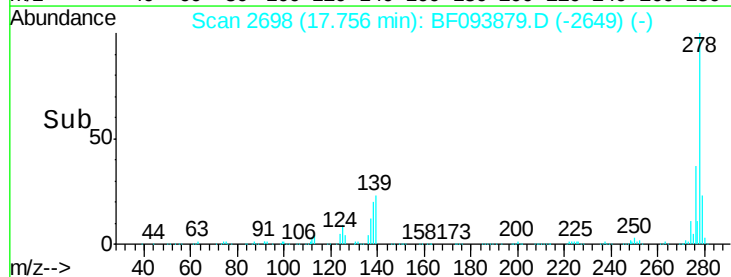
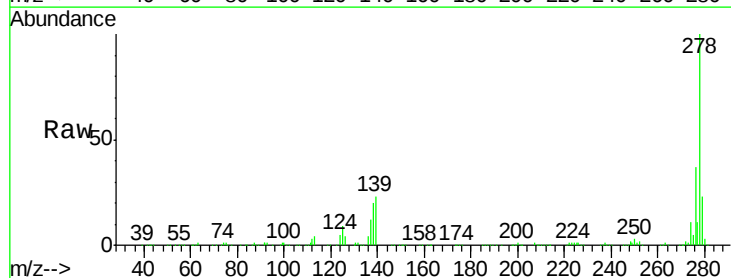
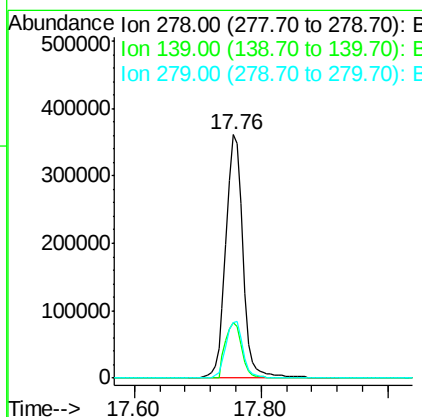
Manual Integrations
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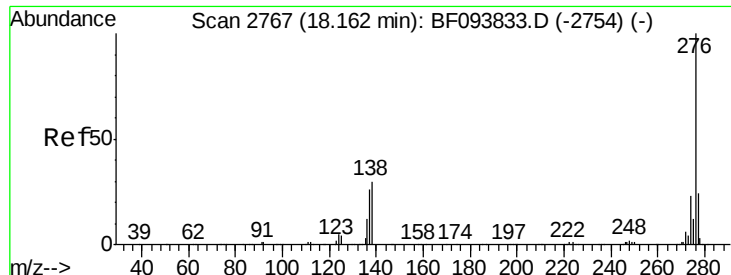
mohammad
3/24/2017 4:10:41 PM



#90
Dibenzo(a,h)anthracene
Concen: 43.96 ng
RT: 17.76 min Scan# 2698
Delta R.T. -0.01 min
Lab File: BF093879.D
Acq: 23 Mar 2017 15:23

Tgt Ion	Ratio	Lower	Upper
278	100		
139	22.7	16.6	24.8
279	23.0	19.3	28.9





#91
 Benzo(g,h,i)perylene
 Concen: 44.95 ng
 RT: 18.15 min Scan# 2765
 Delta R.T. -0.01 min
 Lab File: BF093879.D
 Acq: 23 Mar 2017 15:23

Instrument :
 BNA_F
 ClientSampleId :
 PB97768BS

Tgt Ion:	276	Resp:	697519
Ion Ratio	Lower	Upper	
276	100		
277	23.4	18.6	28.0
138	31.3	25.4	38.0

Manual Integrations
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 3/24/2017 4:10:41 PM

