

Data Path : Z:\HPCHEM1\BNA F\DATA\BF071017\
 Data File : BF096591.D
 Acq On : 10 Jul 2017 10:45
 Operator : SJ/JU
 Sample : PB100484BS
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB100484BS

Manual Integrations
 APPROVED

mohammad
 7/11/2017 1:34:59 PM

Quant Time: Jul 11 01:44:36 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF070117.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jul 07 13:02:33 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.69	152	107654	20.00	ng	-0.01
21) Naphthalene-d8	7.97	136	453028	20.00	ng	-0.02
38) Acenaphthene-d10	9.72	164	207541	20.00	ng	-0.01
63) Phenanthrene-d10	11.20	188	360204	20.00	ng	-0.01
75) Chrysene-d12	13.83	240	257259	20.00	ng	-0.02
86) Perylene-d12	15.22	264	237797	20.00	ng	-0.02

System Monitoring Compounds						
5) 2-Fluorophenol	5.31	112	767656	105.25	ng	0.00
7) Phenol-d6	6.33	99	922074	102.83	ng	-0.01
23) Nitrobenzene-d5	7.25	82	551768	73.19	ng	-0.02
41) 2,4,6-Tribromophenol	10.51	330	207493	127.99	ng	-0.01
44) 2-Fluorobiphenyl	9.05	172	1036591	85.40	ng	-0.02
78) Terphenyl-d14	12.78	244	879044	73.01	ng	-0.02

Target Compounds						Qvalue
2) 1,4-Dioxane	2.40	88	103909	30.04	ng	# 76
3) Pyridine	3.09	79	278838	29.38	ng	# 57
4) n-Nitrosodimethylamine	3.02	42	164225	35.06	ng	# 81
6) Aniline	6.35	93	197369	17.03	ng	# 1
8) 2-Chlorophenol	6.47	128	279812	35.97	ng	99
9) Benzaldehyde	6.23	77	188812	33.65	ng	98
10) Phenol	6.35	94	337232	33.01	ng	91
11) bis(2-Chloroethyl)ether	6.42	93	266112	33.71	ng	90
12) 1,3-Dichlorobenzene	6.63	146	300499	36.85	ng	97
13) 1,4-Dichlorobenzene	6.70	146	305193	37.44	ng	97
14) 1,2-Dichlorobenzene	6.86	146	281048	37.55	ng	97
15) Benzyl Alcohol	6.83	79	227661	37.98	ng	97
16) 2,2'-oxybis(1-Chloropropan	6.97	45	577359	35.97	ng	92
17) 2-Methylphenol	6.95	107	231105	37.28	ng	97
18) Hexachloroethane	7.20	117	110639	37.44	ng	# 81
19) n-Nitroso-di-n-propylamine	7.10	70	185442	34.71	ng	# 82
20) 3+4-Methylphenols	7.10	107	279643	40.45	ng	# 77
22) Acetophenone	7.09	105	374375	37.82	ng	# 100
24) Nitrobenzene	7.27	77	280175	35.42	ng	89
25) Isophorone	7.51	82	511236	34.97	ng	95
26) 2-Nitrophenol	7.59	139	161075	38.48	ng	90
27) 2,4-Dimethylphenol	7.63	122	263749	37.00	ng	94
28) bis(2-Chloroethoxy)methane	7.72	93	348615	36.13	ng	100
29) 2,4-Dichlorophenol	7.83	162	243295	39.56	ng	96
30) 1,2,4-Trichlorobenzene	7.91	180	228781	39.44	ng	98
31) Naphthalene	7.99	128	825606	38.60	ng	100
32) Benzoic acid	7.76	122	184730	30.86	ng	95
33) 4-Chloroaniline	8.04	127	115071	12.95	ng	94
34) Hexachlorobutadiene	8.12	225	117444	39.47	ng	98
35) Caprolactam	8.41	113	83890m	39.56	ng	
36) 4-Chloro-3-methylphenol	8.53	107	254576	37.41	ng	86
37) 2-Methylnaphthalene	8.68	142	568771	41.78	ng	98
39) 1,2,4,5-Tetrachlorobenzene	8.85	216	192473	35.72	ng	99
40) Hexachlorocyclopentadiene	8.84	237	219612	83.81	ng	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	8.96	196	158704	37.23	nq	98
43) 2,4,5-Trichlorophenol	9.00	196	161577	38.33	nq	95
45) 1,1'-Biphenyl	9.15	154	631310	35.50	nq	98
46) 2-Chloronaphthalene	9.17	162	493815	37.26	nq	94
47) 2-Nitroaniline	9.26	65	176549	36.61	nq	91
48) Acenaphthylene	9.58	152	797948	38.00	nq	99
49) Dimethylphthalate	9.45	163	599004	38.66	nq	98
50) 2,6-Dinitrotoluene	9.50	165	132749	38.75	nq	# 85
51) Acenaphthene	9.75	154	462511	35.73	nq	99
52) 3-Nitroaniline	9.67	138	77733	18.19	nq	85
53) 2,4-Dinitrophenol	9.78	184	129738	71.30	nq	# 77
54) Dibenzofuran	9.93	168	695714	40.71	nq	98
55) 4-Nitrophenol	9.85	139	243310	68.70	nq	# 70
56) 2,4-Dinitrotoluene	9.91	165	178908	41.24	nq	# 80
57) Fluorene	10.27	166	510216	42.27	nq	100
58) 2,3,4,6-Tetrachlorophenol	10.05	232	128998	44.23	nq	# 99
59) Diethylphthalate	10.15	149	588600	40.19	nq	99
60) 4-Chlorophenyl-phenylether	10.26	204	214811	40.91	nq	98
61) 4-Nitroaniline	10.28	138	144344	37.15	nq	91
62) Azobenzene	10.42	77	557064	39.34	nq	91
64) 4,6-Dinitro-2-methylphenol	10.32	198	90102	36.27	nq	90
65) n-Nitrosodiphenylamine	10.38	169	487084	38.54	nq	99
66) 4-Bromophenyl-phenylether	10.75	248	140456	40.06	nq	98
67) Hexachlorobenzene	10.82	284	148277	38.63	nq	# 89
68) Atrazine	10.91	200	143299	39.69	nq	97
69) Pentachlorophenol	11.01	266	155107	68.18	nq	98
70) Phenanthrene	11.22	178	765914	39.33	nq	99
71) Anthracene	11.27	178	795401	40.09	nq	98
72) Carbazole	11.43	167	755697	37.87	nq	99
73) Di-n-butylphthalate	11.77	149	933503	38.62	nq	98
74) Fluoranthene	12.40	202	796573	41.73	nq	98
76) Benzidine	12.52	184	265998	21.55	nq	# 93
77) Pyrene	12.63	202	815227	39.48	nq	99
79) Butylbenzylphthalate	13.26	149	419858	40.17	nq	# 82
80) Benzo(a)anthracene	13.82	228	612005	41.08	nq	98
81) 3,3'-Dichlorobenzidine	13.78	252	162928	26.63	nq	# 95
82) Chrysene	13.85	228	619447	39.71	nq	99
83) Bis(2-ethylhexyl)phthalate	13.82	149	474110	40.63	nq	99
84) Di-n-octyl phthalate	14.43	149	921866	40.12	nq	# 94
85) Indeno(1,2,3-cd)pyrene	16.56	276	535444	43.48	nq	98
87) Benzo(b)fluoranthene	14.83	252	597850	40.12	nq	97
88) Benzo(k)fluoranthene	14.86	252	482092	36.17	nq	97
89) Benzo(a)pyrene	15.16	252	529147	39.78	nq	98
90) Dibenzo(a,h)anthracene	16.57	278	430729	41.16	nq	95
91) Benzo(g,h,i)perylene	16.97	276	468797	43.23	nq	100

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

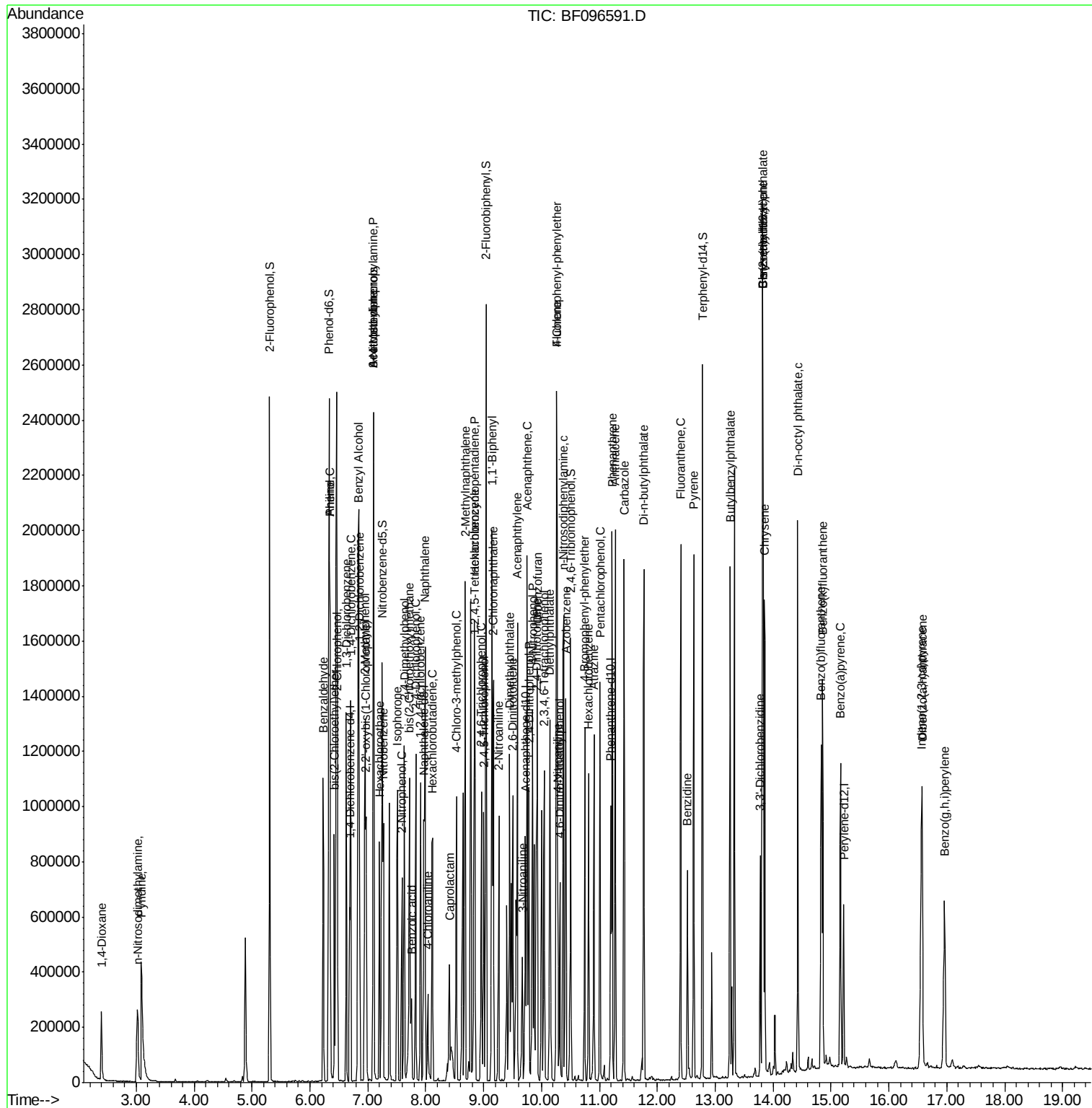
Data Path : Z:\HPCHEM1\BNA F\DATA\BF071017\
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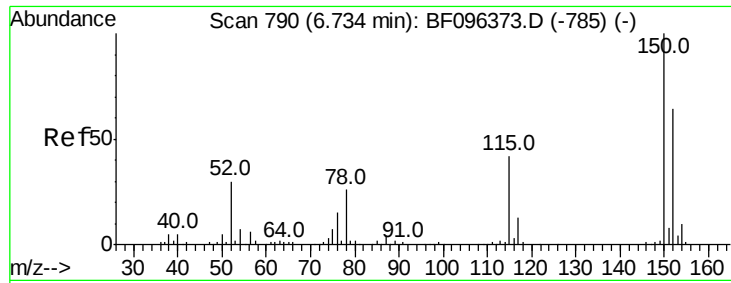
Instrument :
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#1

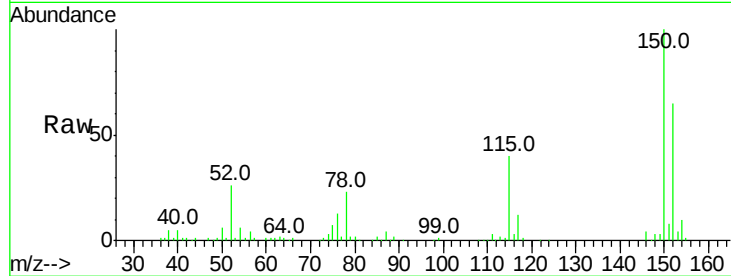
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.69 min Scan# 782
Delta R.T. -0.01 min
Lab File: BF096591.D
Acq: 10 Jul 2017 10:45

Instrument :
BNA_F
ClientSampleId :
PB100484BS

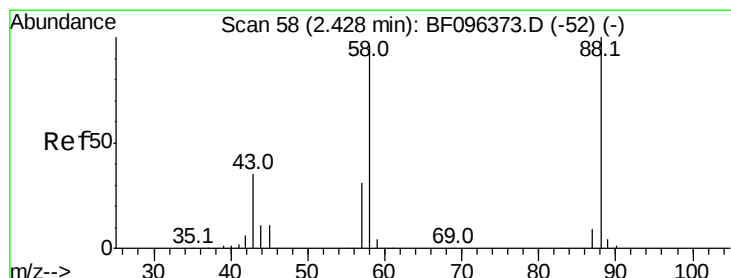
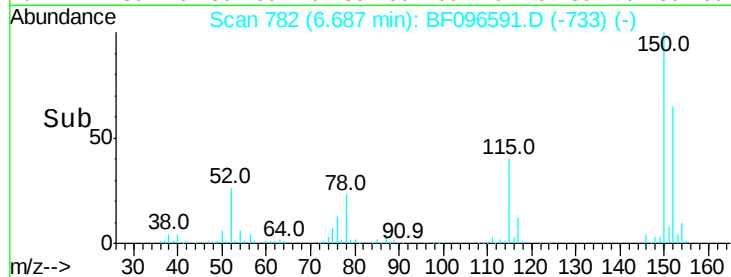
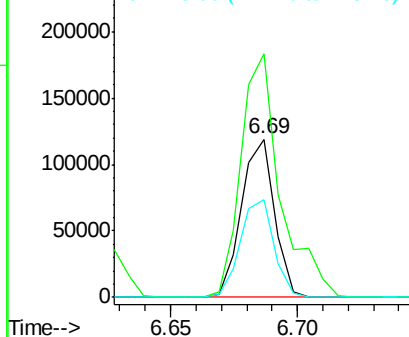
Tot Ion	Ratio	Lower	Upper
152	100		
150	154.3	126.2	189.2
115	61.6	52.2	78.2

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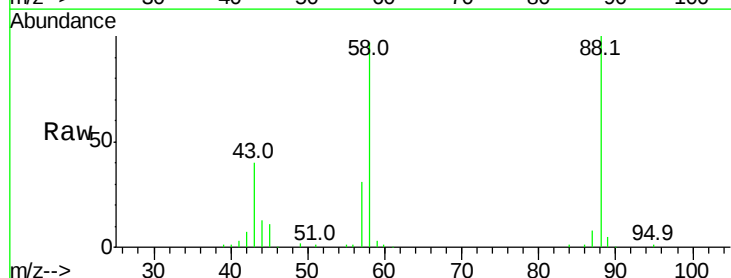
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



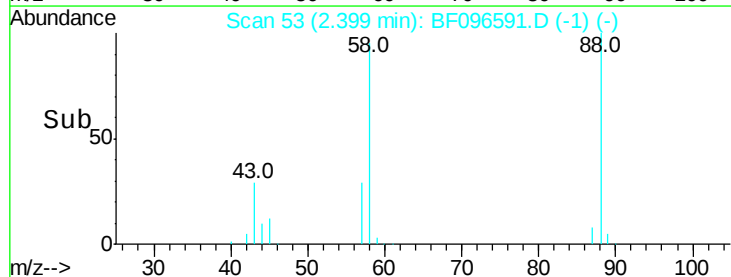
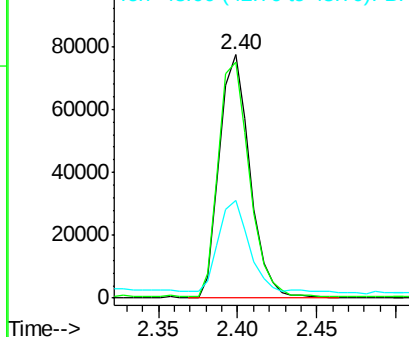
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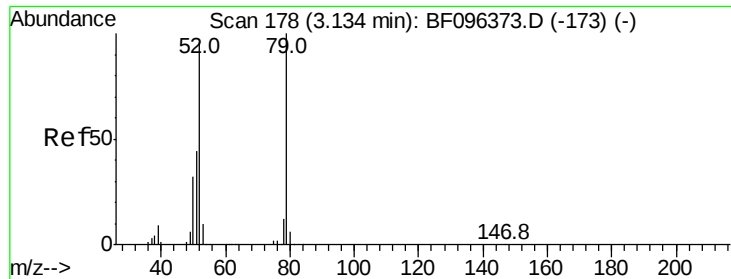
1,4-Dioxane
Concen: 30.04 ng
RT: 2.40 min Scan# 53
Delta R.T. 0.04 min
Lab File: BF096591.D
Acq: 10 Jul 2017 10:45

Tgt Ion	Ratio	Lower	Upper
88	100		
58	98.5	61.4	92.0#
43	40.4	23.4	35.0#



Abundance Ion 88.00 (87.70 to 88.70): BF0
Ion 58.00 (57.70 to 58.70): BF0
Ion 43.00 (42.70 to 43.70): BF0





#3

Pvridine

Concen: 29.38 ng

RT: 3.09 min Scan# 170

Delta R.T. 0.04 min

Lab File: BF096591.D

Acq: 10 Jul 2017 10:45

Instrument :

BNA_F

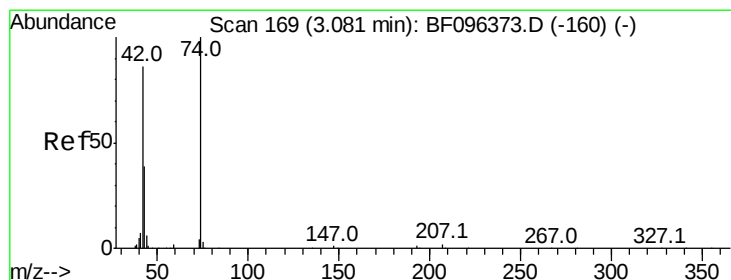
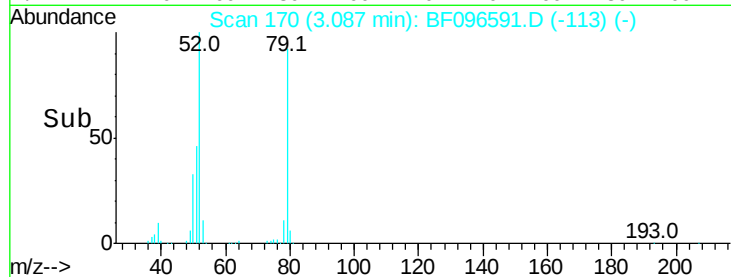
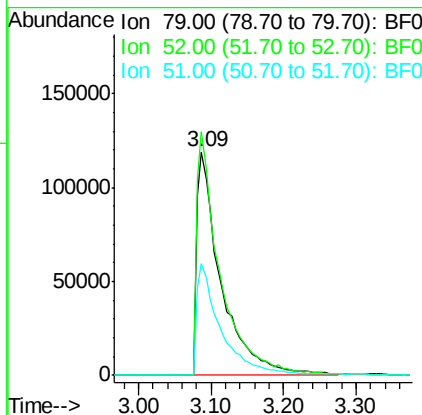
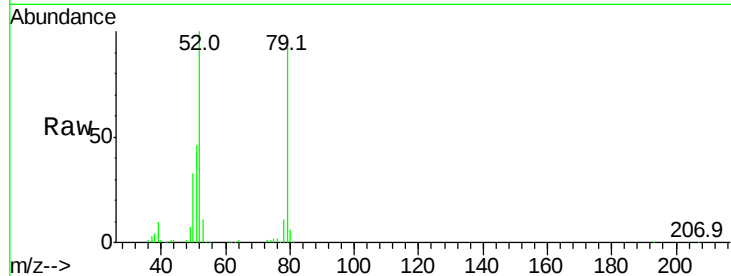
ClientSampleId :

PB100484BS

Tot Ion:	79	Resp:	278838
Ion Ratio	Lower	Upper	
79	100		
52	109.1	54.8	82.2#
51	50.3	27.0	40.4#

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#4

n-Nitrosodimethylamine

Concen: 35.06 ng

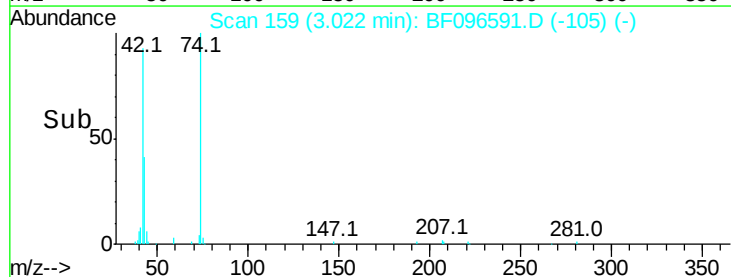
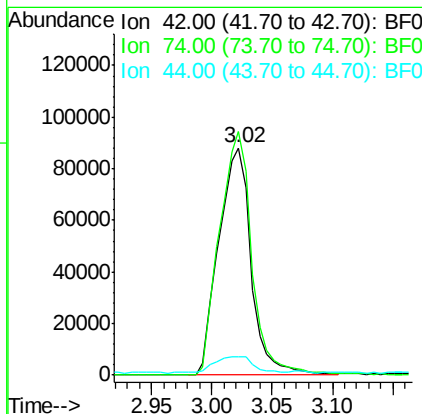
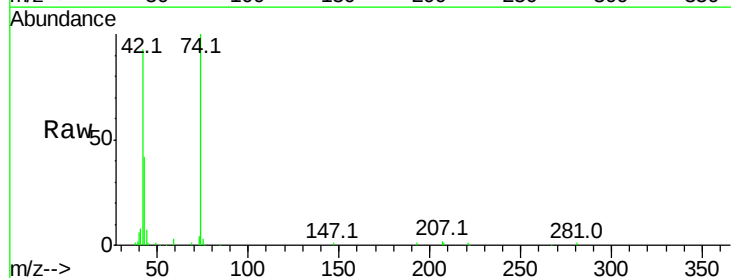
RT: 3.02 min Scan# 159

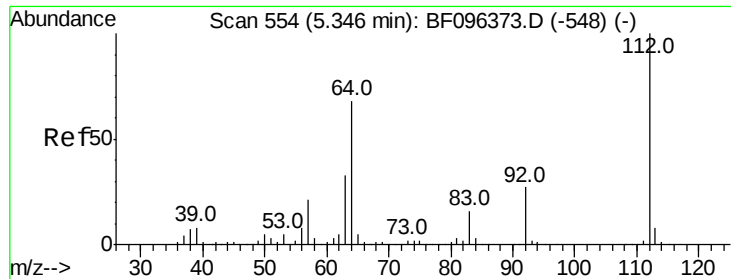
Delta R.T. 0.02 min

Lab File: BF096591.D

Acq: 10 Jul 2017 10:45

Tgt Ion:	42	Resp:	164225
Ion Ratio	Lower	Upper	
42	100		
74	107.1	103.9	155.9
44	7.9	5.7	8.5





#5

2-Fluorophenol

Concen: 105.25 ng

RT: 5.31 min Scan# 548

Delta R.T. -0.00 min

Lab File: BF096591.D

Acq: 10 Jul 2017 10:45

Instrument :

BNA_F

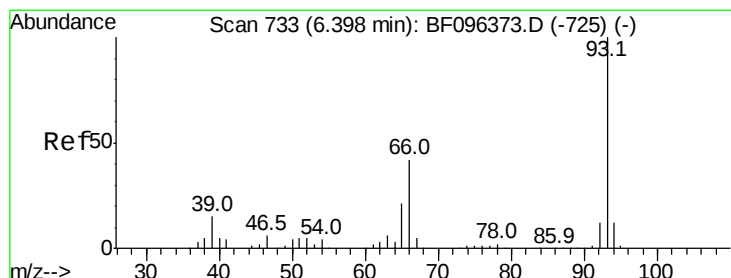
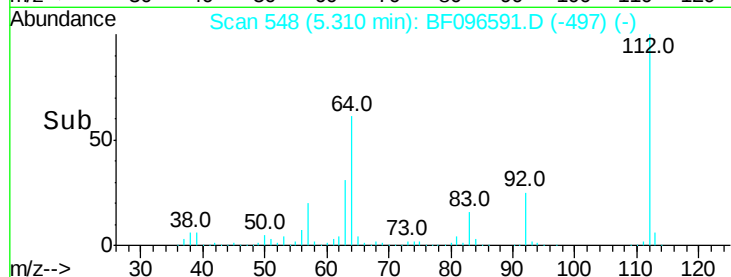
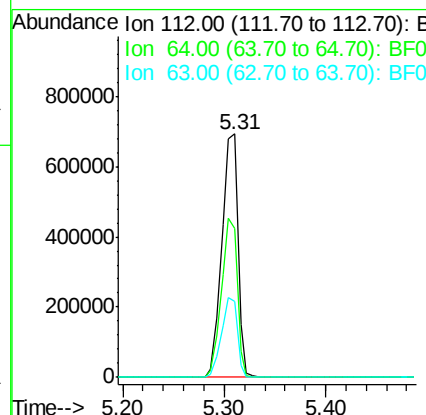
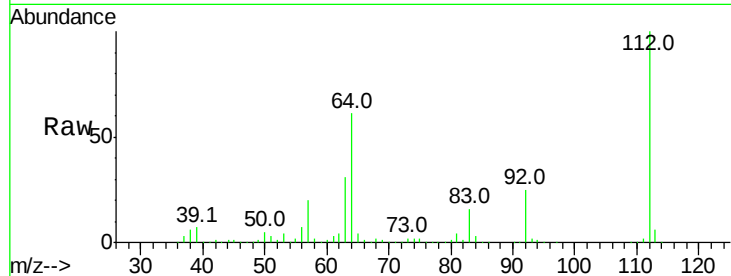
ClientSampleID :

PB100484BS

Tot Ion	Ratio	Resp	Lower	Upper
112	100	767656		
64	61.0	46.0	69.0	
63	31.0	23.4	35.0	

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#6

Aniline

Concen: 17.03 ng

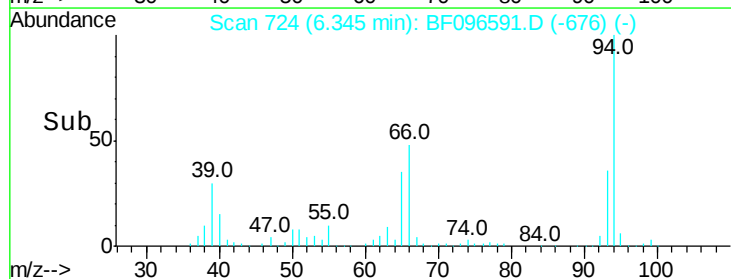
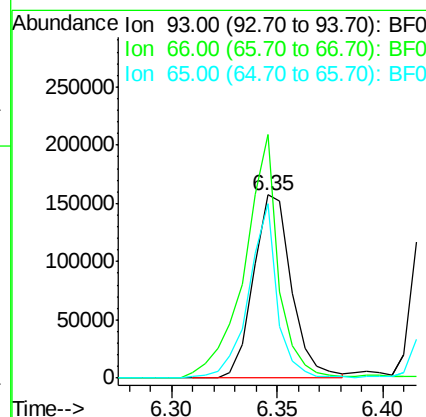
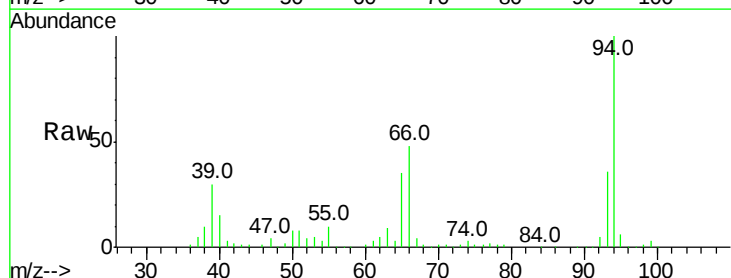
RT: 6.35 min Scan# 724

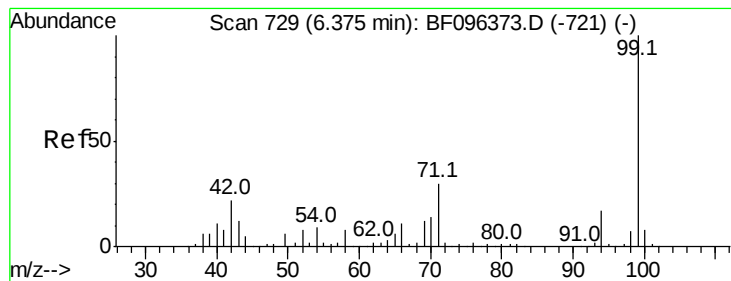
Delta R.T. -0.02 min

Lab File: BF096591.D

Acq: 10 Jul 2017 10:45

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	197369		
66	133.1	32.9	49.3#	
65	95.6	16.0	24.0#	





#7

Phenol-d6

Concen: 102.83 ng

RT: 6.33 min Scan# 722

Delta R.T. -0.01 min

Lab File: BF096591.D

Acq: 10 Jul 2017 10:45

Instrument :

BNA_F

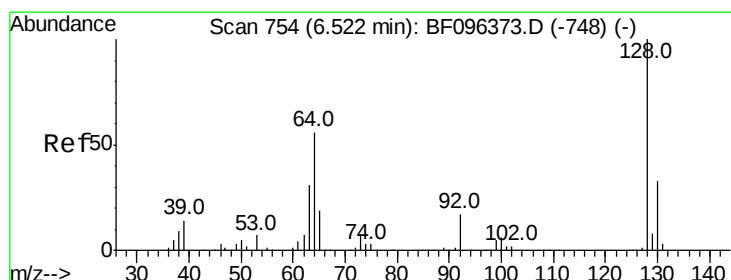
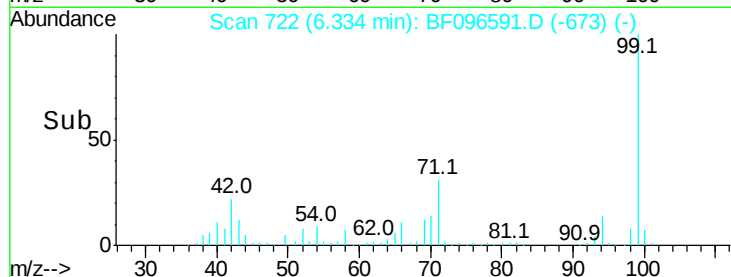
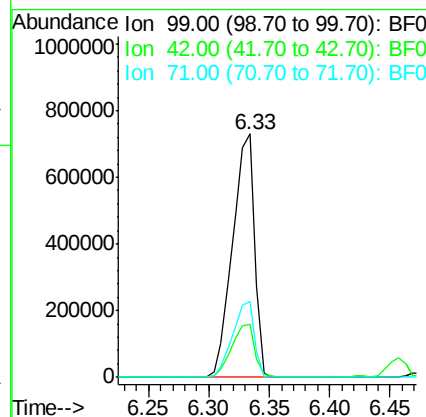
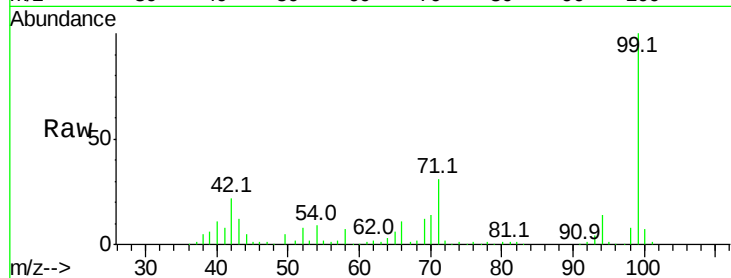
ClientSampleId :

PB100484BS

Tot Ion	99	Resp	922074
Ion Ratio	Lower	Upper	
99	100		
42	21.9	13.5	20.3#
71	31.3	24.5	36.7

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#8

2-Chlorophenol

Concen: 35.97 ng

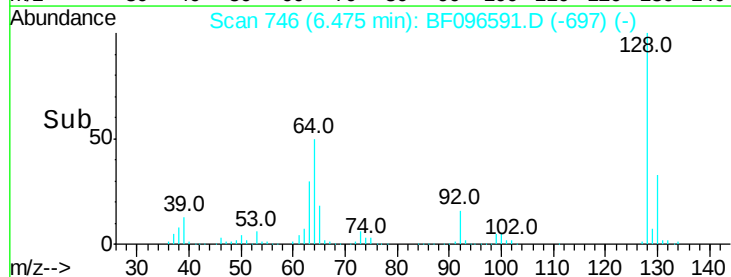
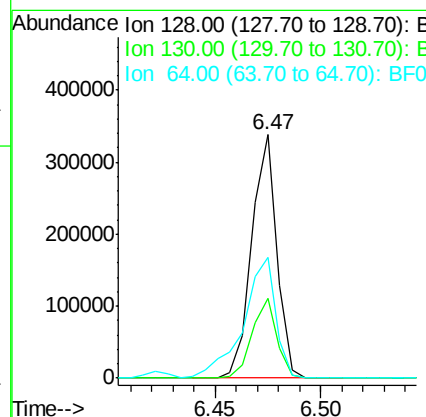
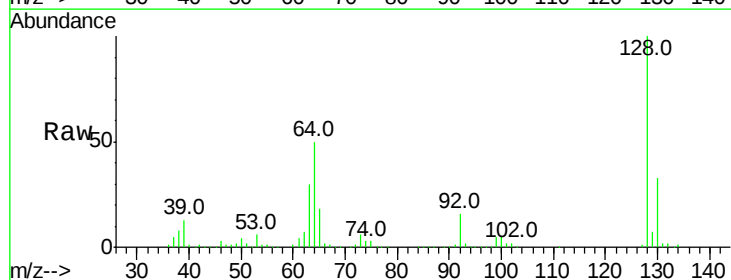
RT: 6.47 min Scan# 746

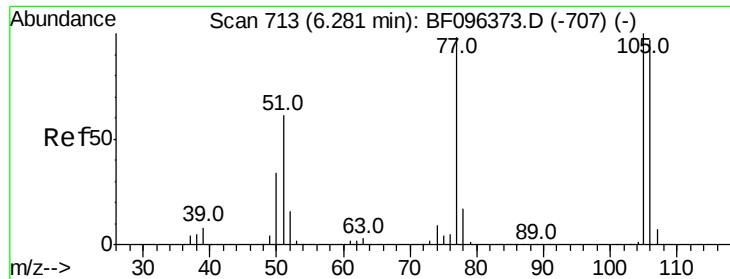
Delta R.T. -0.01 min

Lab File: BF096591.D

Acq: 10 Jul 2017 10:45

Tgt Ion	128	Resp	279812
Ion Ratio	Lower	Upper	
128	100		
130	32.8	12.9	52.9
64	49.6	28.4	68.4





#9

Benzaldehyde

Concen: 33.65 ng

RT: 6.23 min Scan# 704

Delta R.T. -0.02 min

Lab File: BF096591.D

Acq: 10 Jul 2017 10:45

Instrument :

BNA_F

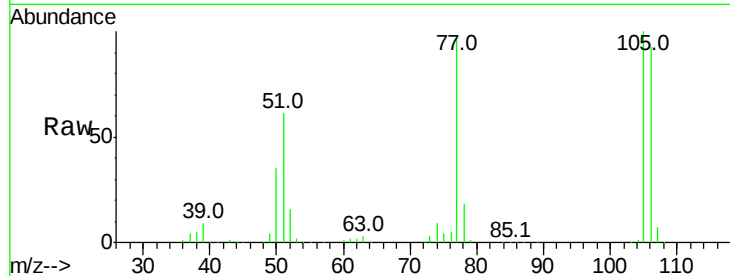
ClientSampleId :

PB100484BS

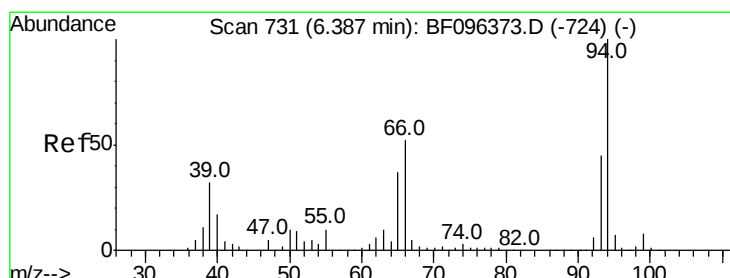
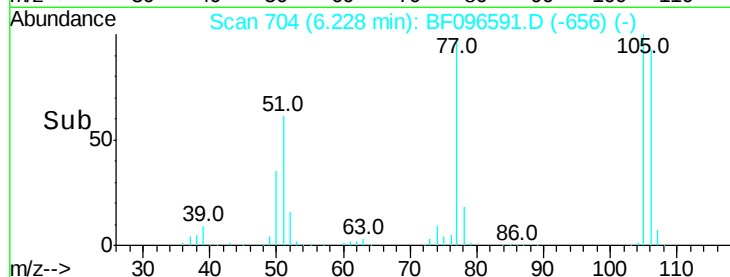
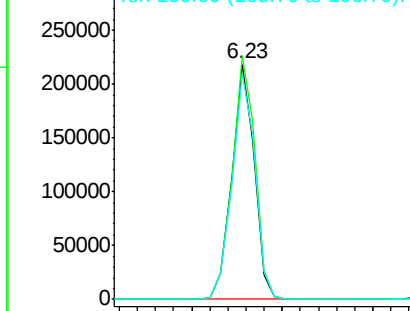
Tot Ion:	77	Resp:	188812
Ion Ratio	Lower	Upper	
77	100		
105	103.5	83.8	123.8
106	96.2	79.1	119.1

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Abundance Ion 77.00 (76.70 to 77.70): BF0
Ion 105.00 (104.70 to 105.70): E
Ion 106.00 (105.70 to 106.70): E



#10

Phenol

Concen: 33.01 ng

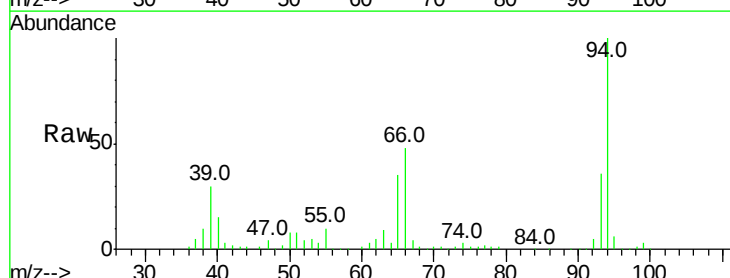
RT: 6.35 min Scan# 724

Delta R.T. -0.01 min

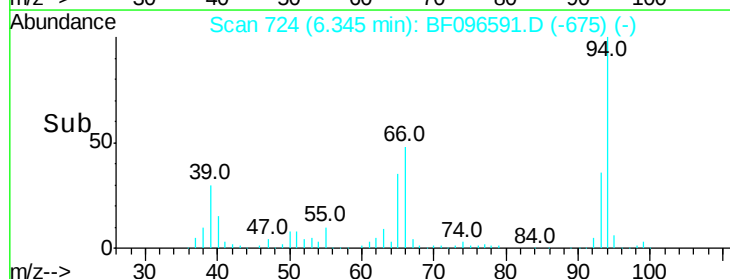
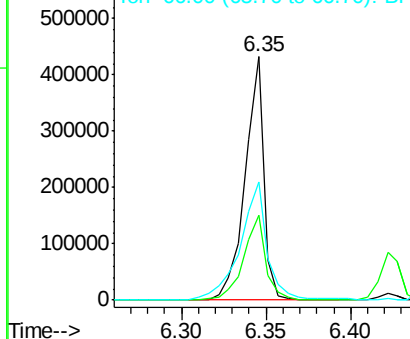
Lab File: BF096591.D

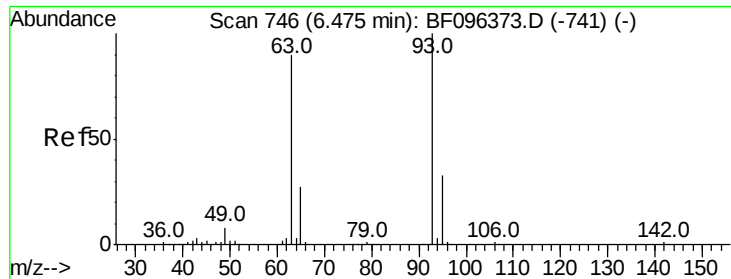
Acq: 10 Jul 2017 10:45

Tgt Ion:	94	Resp:	337232
Ion Ratio	Lower	Upper	
94	100		
65	34.7	9.9	49.9
66	48.4	23.1	63.1



Abundance Ion 94.00 (93.70 to 94.70): BF0
Ion 65.00 (64.70 to 65.70): BF0
Ion 66.00 (65.70 to 66.70): BF0





#11

bis(2-Chloroethyl)ether

Concen: 33.71 ng

RT: 6.42 min Scan# 737

Delta R.T. -0.02 min

Lab File: BF096591.D

Acq: 10 Jul 2017 10:45

Instrument :

BNA_F

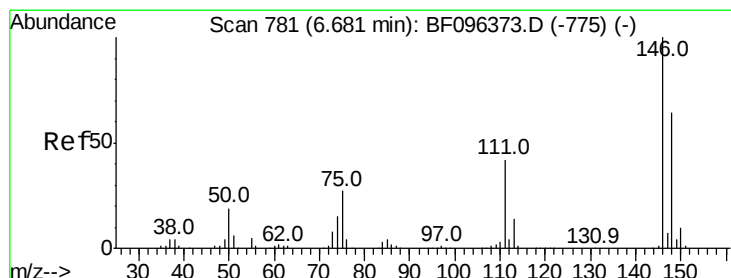
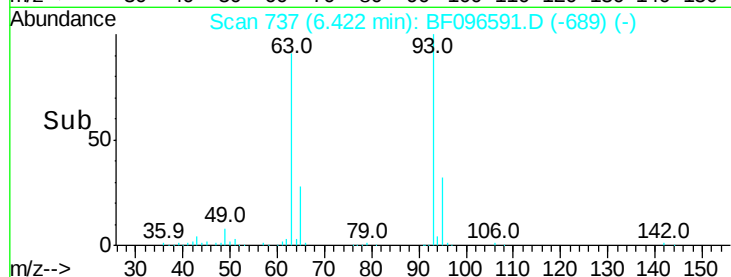
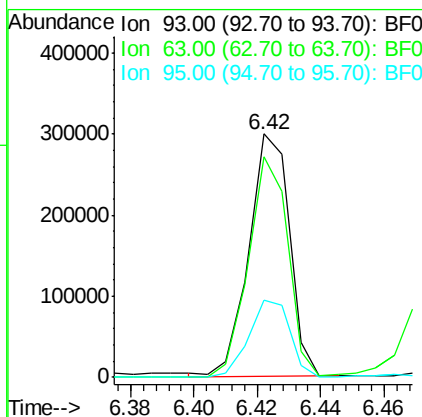
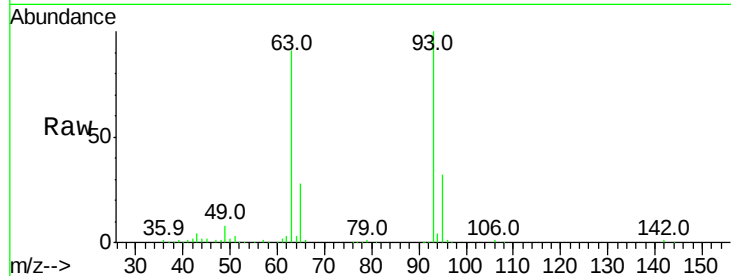
ClientSampleId :

PB100484BS

Tot Ion:	93	Resp:	266112
Ion Ratio	Lower	Upper	
93	100		
63	90.6	59.2	99.2
95	31.7	12.8	52.8

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#12

1,3-Dichlorobenzene

Concen: 36.85 ng

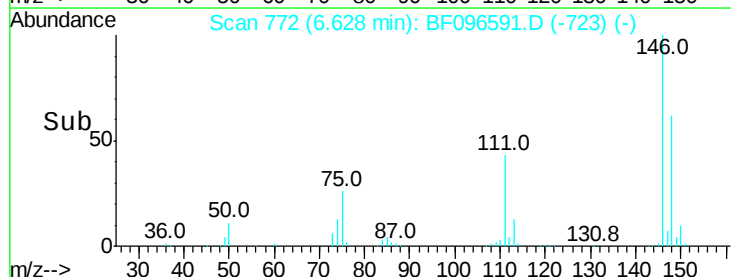
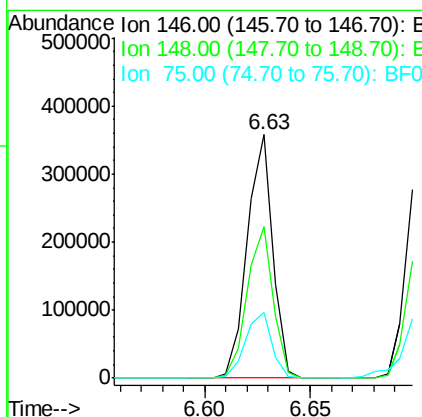
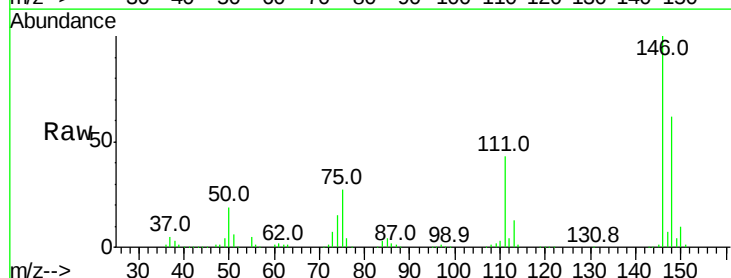
RT: 6.63 min Scan# 772

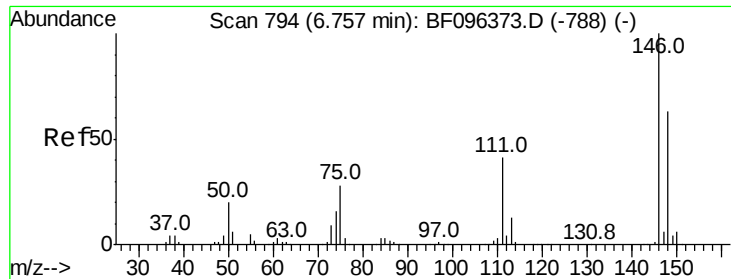
Delta R.T. -0.01 min

Lab File: BF096591.D

Acq: 10 Jul 2017 10:45

Tgt Ion:	146	Resp:	300499
Ion Ratio	Lower	Upper	
146	100		
148	62.1	51.8	77.6
75	27.1	23.1	34.7





#13

1,4-Dichlorobenzene

Concen: 37.44 ng

RT: 6.70 min Scan# 785

Delta R.T. -0.01 min

Lab File: BF096591.D

Acq: 10 Jul 2017 10:45

Instrument :

BNA_F

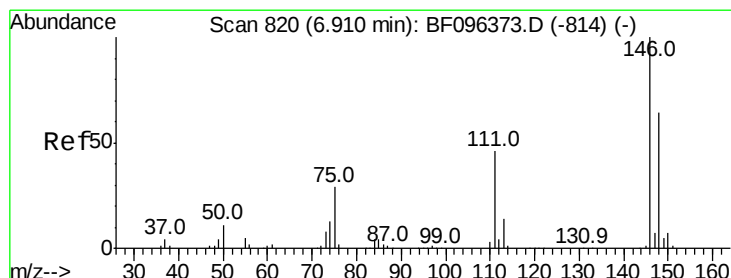
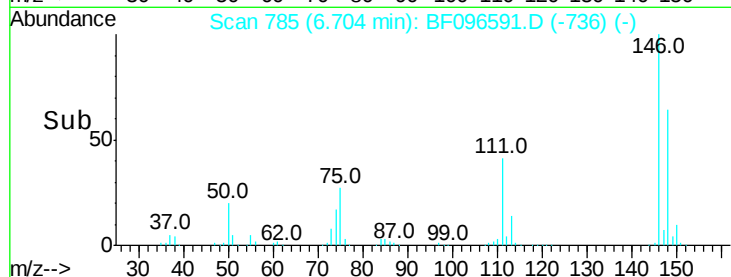
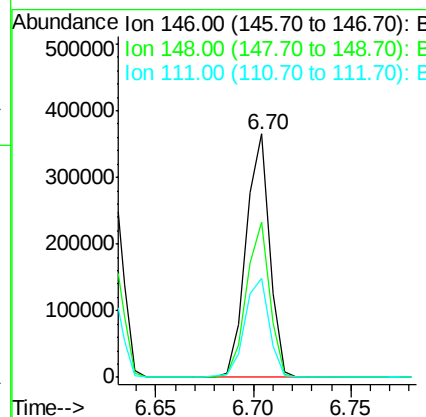
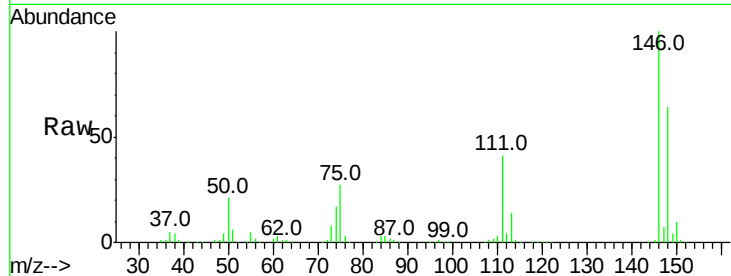
ClientSampleId :

PB100484BS

Tot Ion:	146	Resp:	305193
Ion Ratio	Lower	Upper	
146	100		
148	64.0	52.2	78.2
111	40.8	30.3	45.5

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#14

1,2-Dichlorobenzene

Concen: 37.55 ng

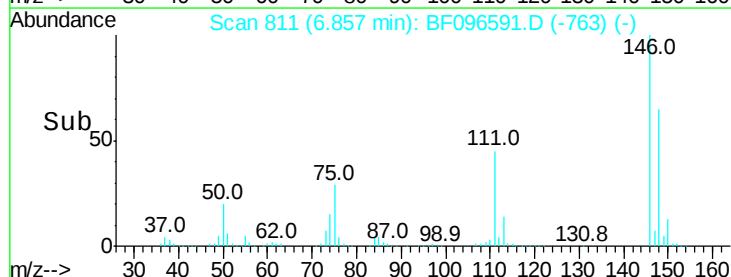
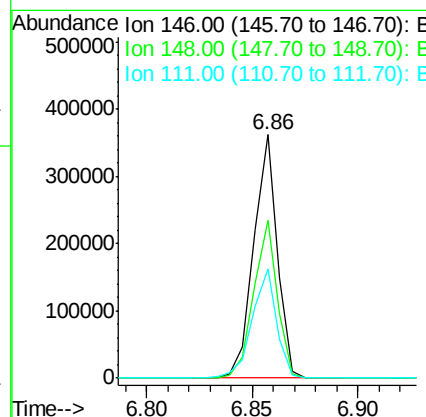
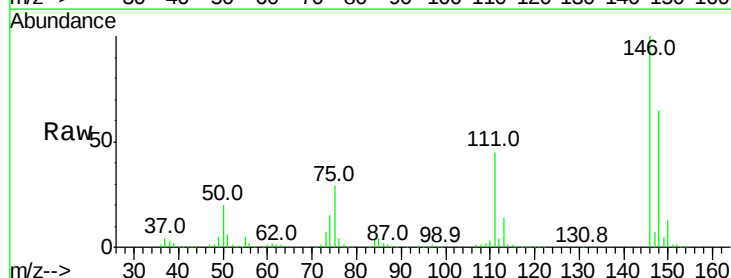
RT: 6.86 min Scan# 811

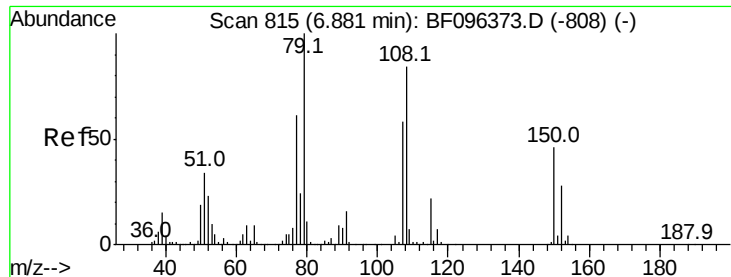
Delta R.T. -0.02 min

Lab File: BF096591.D

Acq: 10 Jul 2017 10:45

Tgt Ion:	146	Resp:	281048
Ion Ratio	Lower	Upper	
146	100		
148	65.0	50.4	75.6
111	44.6	38.2	57.4





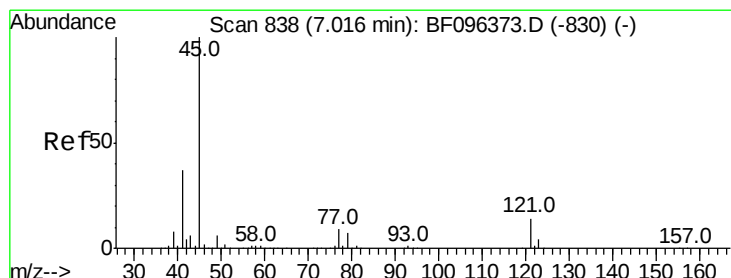
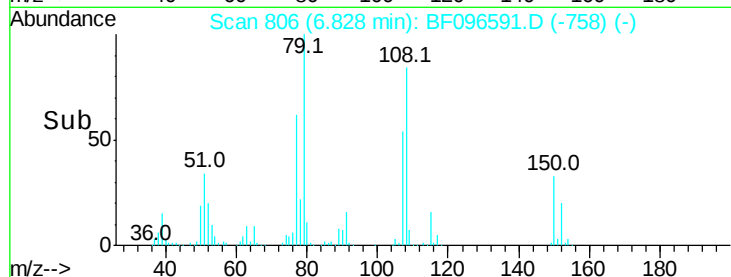
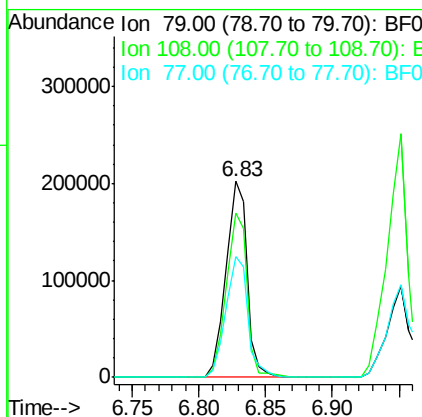
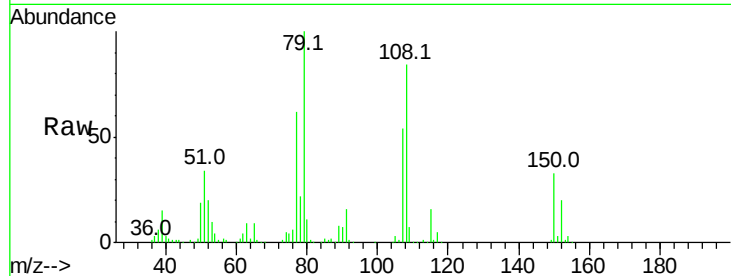
#15
Benzyl Alcohol
Concen: 37.98 ng
RT: 6.83 min Scan# 806
Delta R.T. -0.02 min
Lab File: BF096591.D
Acq: 10 Jul 2017 10:45

Instrument :
BNA_F
ClientSampleId :
PB100484BS

Tot Ion	Ratio	Lower	Upper
79	100		
108	83.7	63.4	95.0
77	61.7	49.2	73.8

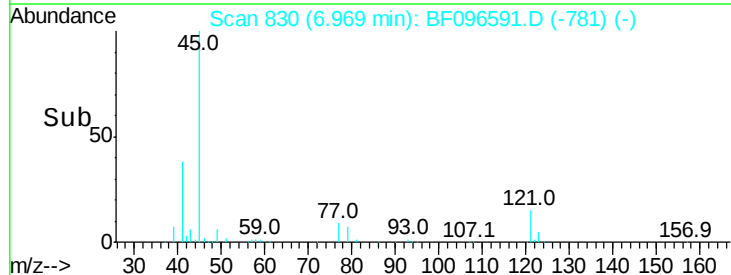
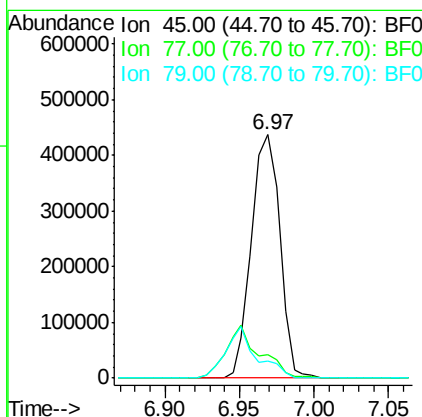
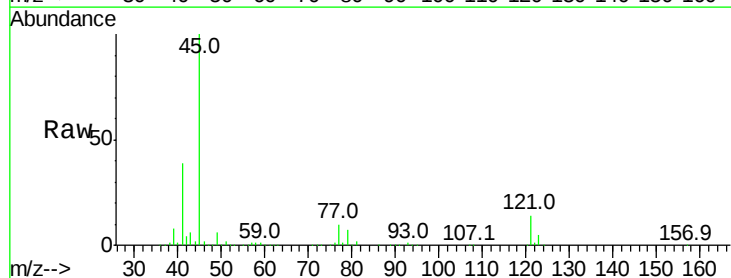
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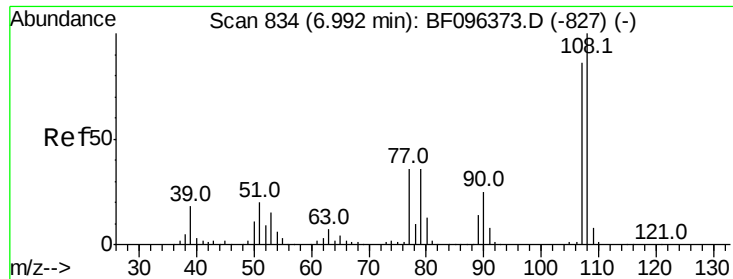
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#16
2,2'-oxybis(1-chloropropane)
Concen: 35.97 ng
RT: 6.97 min Scan# 830
Delta R.T. -0.01 min
Lab File: BF096591.D
Acq: 10 Jul 2017 10:45

Tgt Ion	Ratio	Lower	Upper
45	100		
77	9.5	0.0	33.2
79	7.2	0.0	30.0





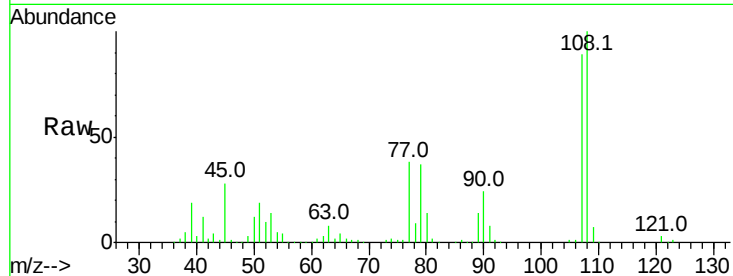
#17
2-Methylphenol
Concen: 37.28 ng
RT: 6.95 min Scan# 827
Delta R.T. -0.01 min
Lab File: BF096591.D
Acq: 10 Jul 2017 10:45

Instrument :
BNA_F
ClientSampleId :
PB100484BS

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	113.0	93.4	140.0	
77	43.0	35.8	53.6	
79	42.1	34.8	52.2	

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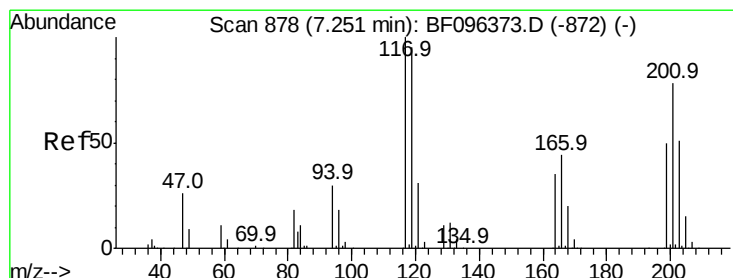
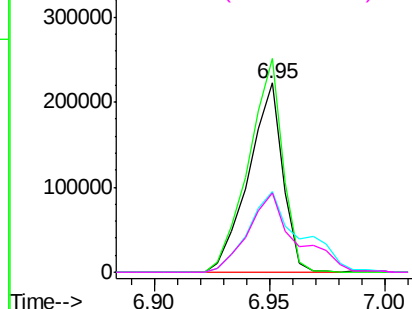
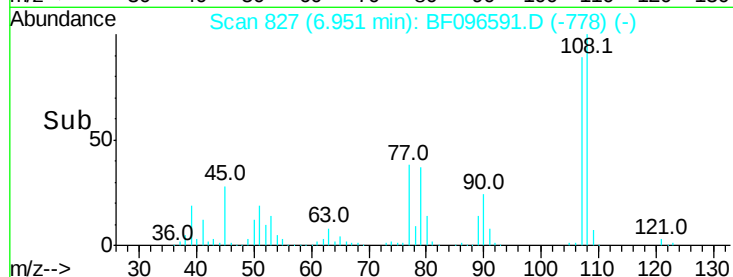
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

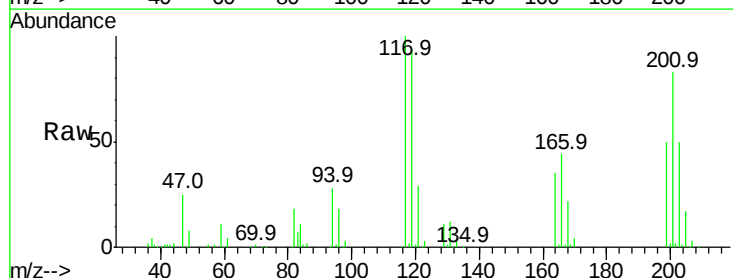
Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0



#18
Hexachloroethane
Concen: 37.44 ng
RT: 7.20 min Scan# 869
Delta R.T. -0.02 min
Lab File: BF096591.D
Acq: 10 Jul 2017 10:45

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	93.9	77.4	116.0	
201	82.7	94.6	141.8#	

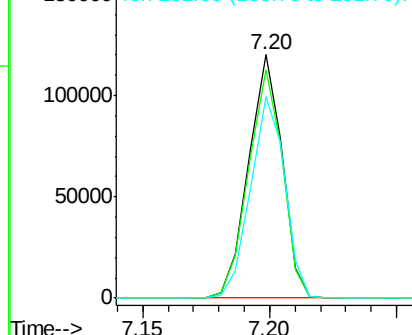
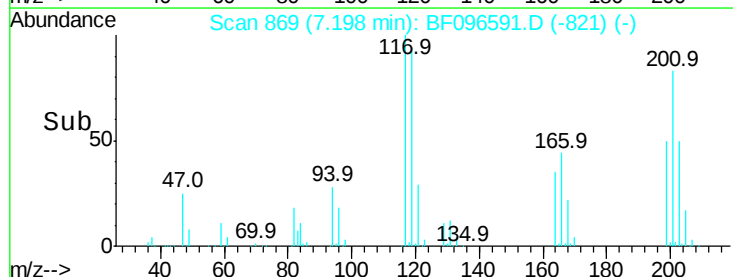


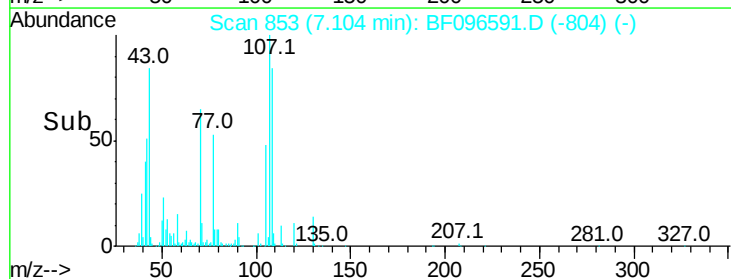
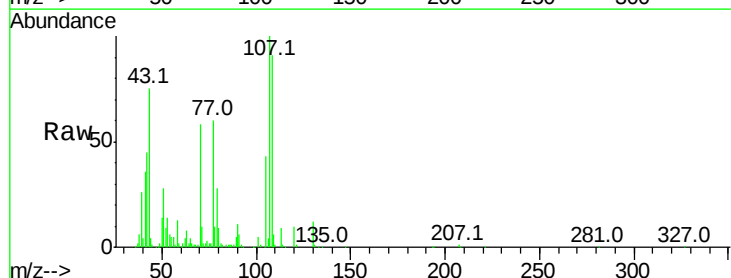
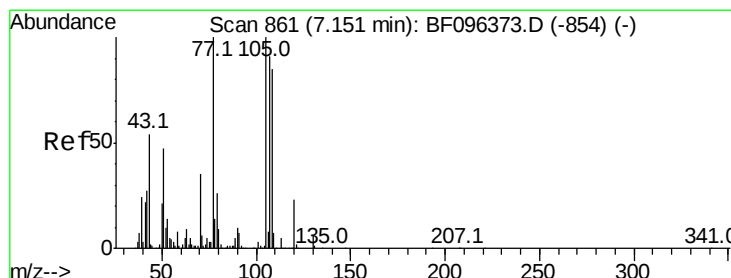
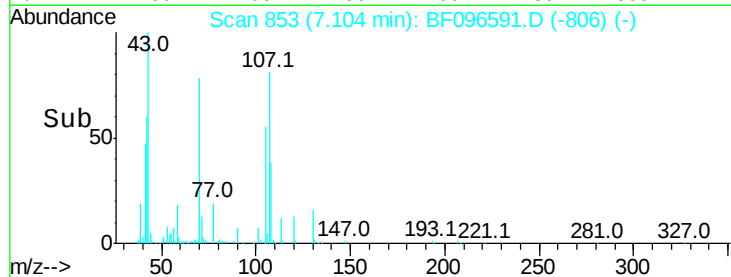
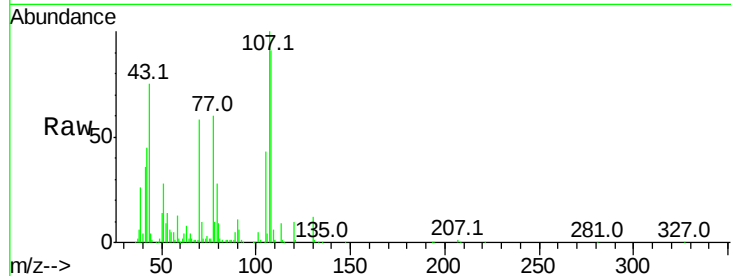
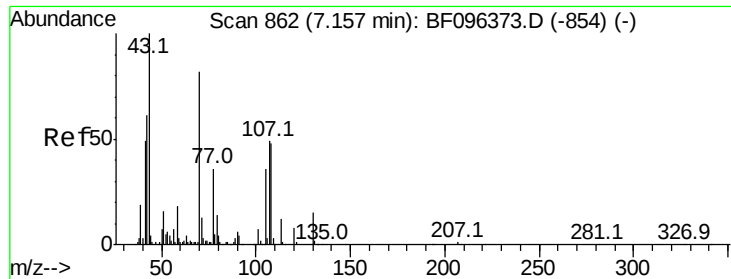
Abundance

Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E





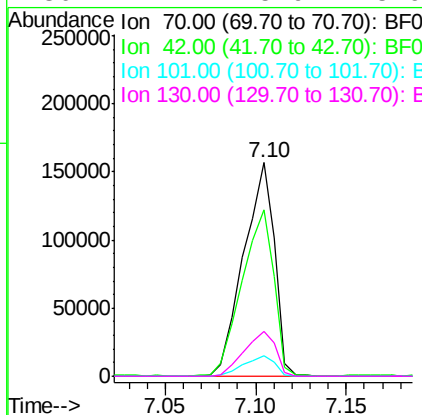
#19
n-Nitroso-di-n-propylamine
Concen: 34.71 ng
RT: 7.10 min Scan# 853
Delta R.T. -0.02 min
Lab File: BF096591.D
Acq: 10 Jul 2017 10:45

Instrument :
BNA_F
ClientSampleId :
PB100484BS

Tot Ion	Ratio	Lower	Upper
70	100		
42	78.1	47.2	70.8#
101	9.5	7.2	10.8
130	21.1	15.9	23.9

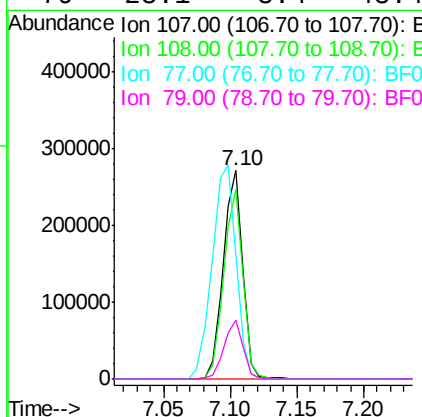
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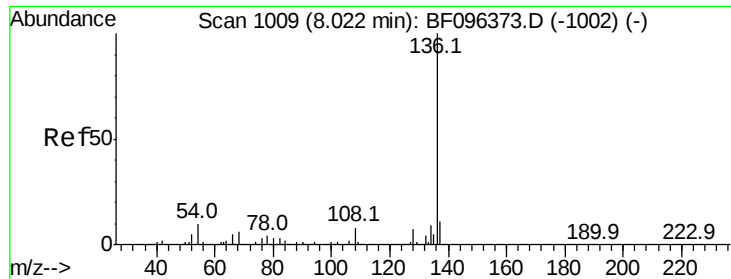
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#20
3+4-Methylphenols
Concen: 40.45 ng
RT: 7.10 min Scan# 853
Delta R.T. -0.01 min
Lab File: BF096591.D
Acq: 10 Jul 2017 10:45

Tgt Ion	Ratio	Lower	Upper
107	100		
108	90.7	71.0	111.0
77	59.8	90.5	130.5#
79	28.1	8.4	48.4





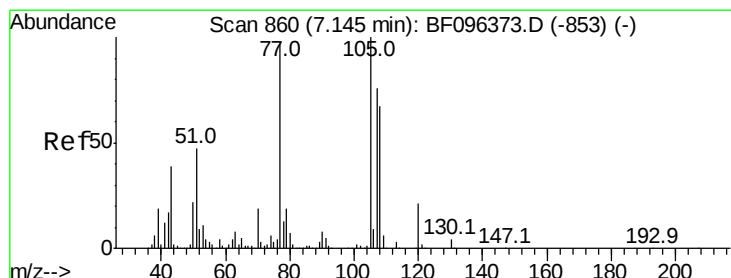
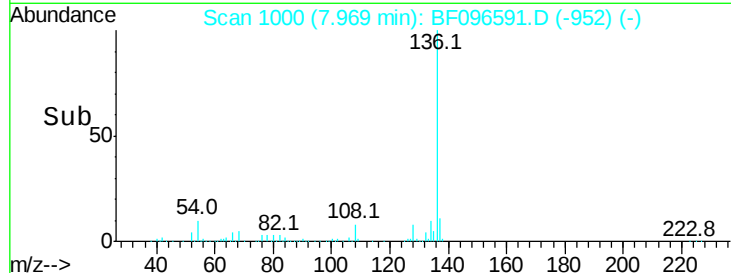
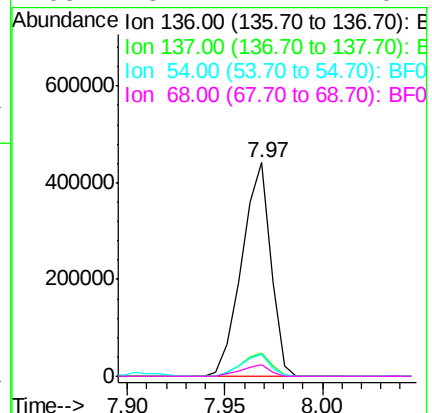
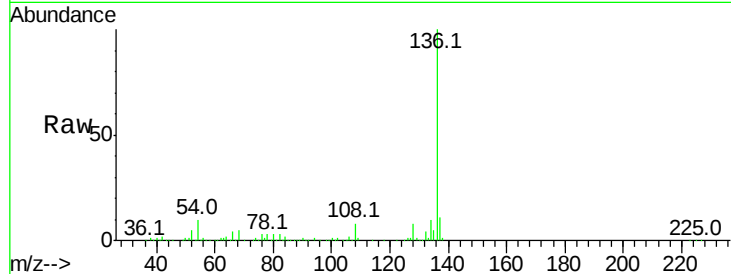
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.97 min Scan# 1000
Delta R.T. -0.02 min
Lab File: BF096591.D
Acq: 10 Jul 2017 10:45

Instrument :
BNA_F
ClientSampleId :
PB100484BS

Tot Ion	Ratio	Resp	Lower	Upper
136	100			
137	10.9	8.5	12.7	
54	10.0	4.9	7.3	
68	5.1	4.1	6.1	

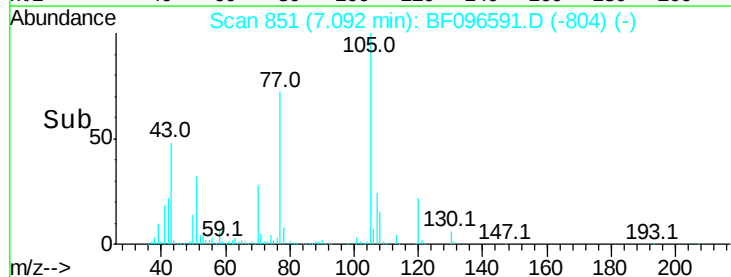
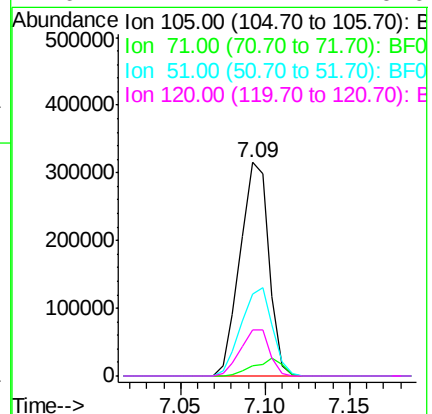
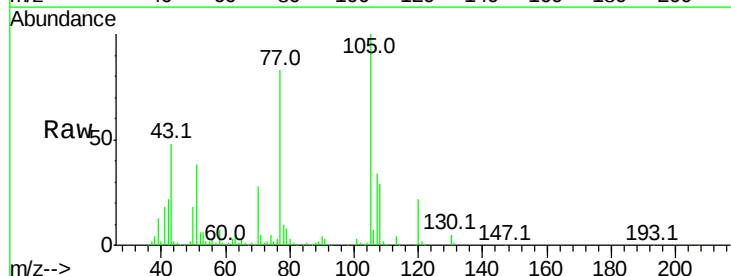
Manual Integrations
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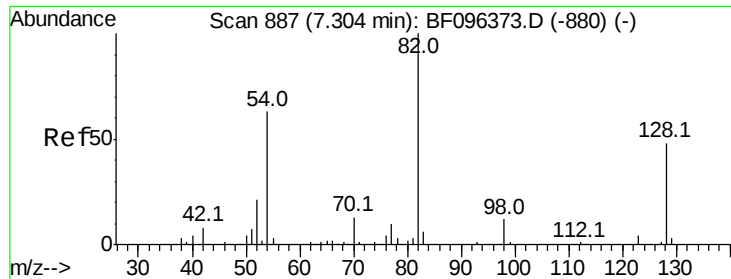
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#22
Acetophenone
Concen: 37.82 ng
RT: 7.09 min Scan# 851
Delta R.T. -0.02 min
Lab File: BF096591.D
Acq: 10 Jul 2017 10:45

Tgt Ion	Ratio	Resp	Lower	Upper
105	100			
71	4.8	2.8	4.2	
51	38.2	30.7	46.1	
120	21.7	17.4	26.0	





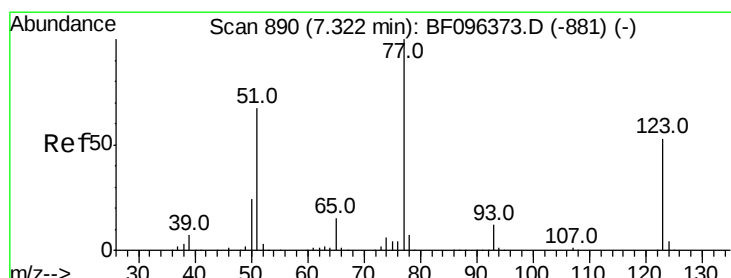
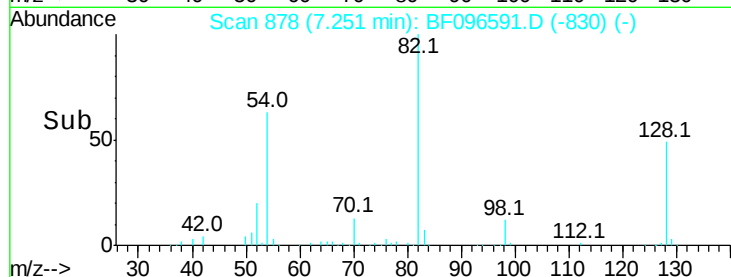
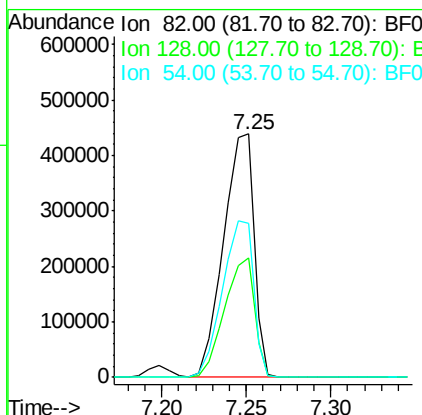
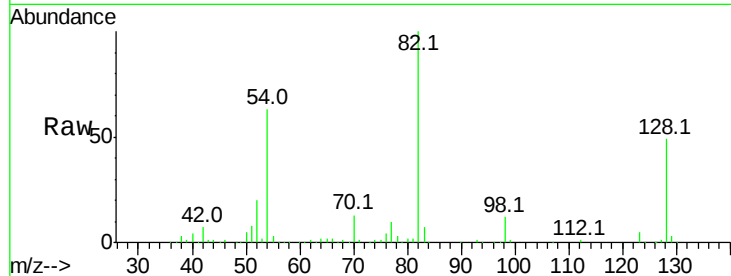
#23
Nitrobenzene-d5
Concen: 73.19 ng
RT: 7.25 min Scan# 878
Delta R.T. -0.02 min
Lab File: BF096591.D
Acq: 10 Jul 2017 10:45

Instrument :
BNA_F
ClientSampleId :
PB100484BS

Tot Ion	Ratio	Lower	Upper
82	100		
128	48.9	34.0	51.0
54	63.3	42.2	63.2

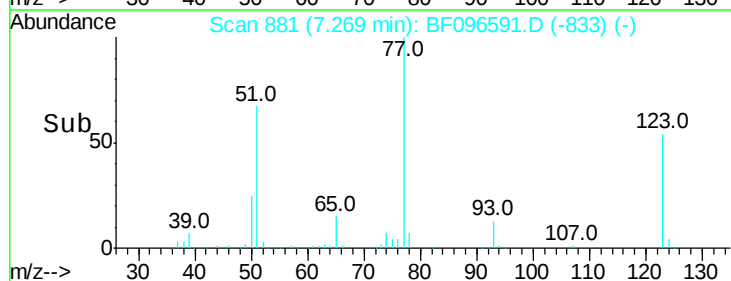
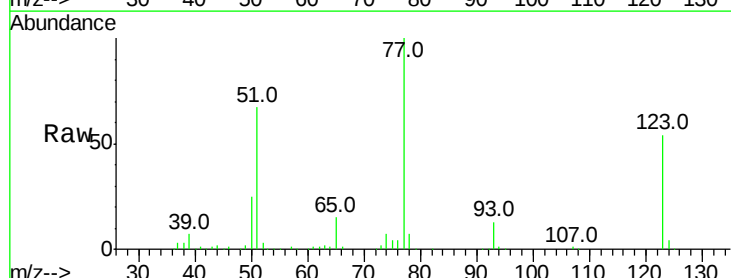
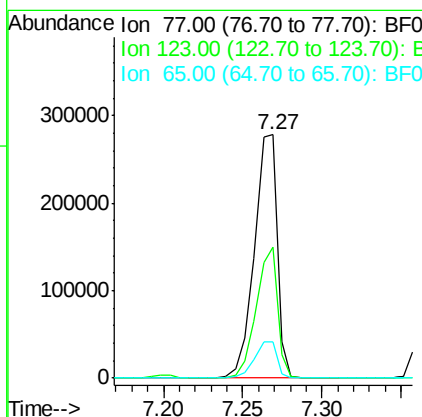
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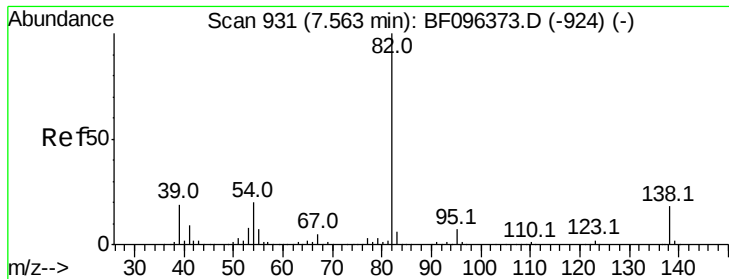
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#24
Nitrobenzene
Concen: 35.42 ng
RT: 7.27 min Scan# 881
Delta R.T. -0.02 min
Lab File: BF096591.D
Acq: 10 Jul 2017 10:45

Tgt Ion	Ratio	Lower	Upper
77	100		
123	53.7	35.8	53.8
65	14.7	10.6	15.8





#25

Isophorone

Concen: 34.97 ng

RT: 7.51 min Scan# 922

Delta R.T. -0.02 min

Lab File: BF096591.D

Acq: 10 Jul 2017 10:45

Instrument :

BNA_F

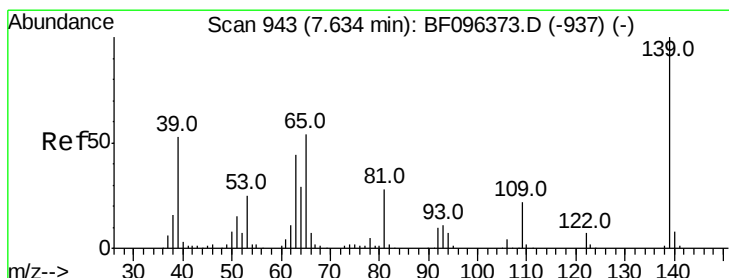
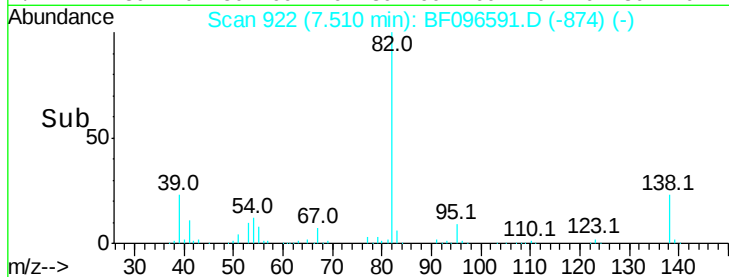
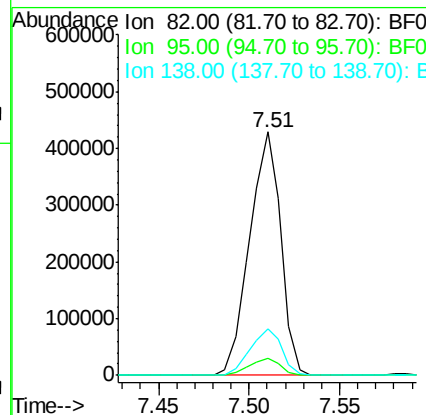
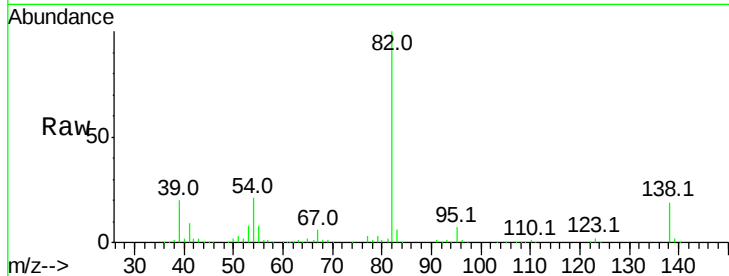
ClientSampleId :

PB100484BS

Tot Ion:	82	Resp:	511236
Ion Ratio	Lower	Upper	
82	100		
95	7.1	5.3	7.9
138	19.1	13.1	19.7

Manual Integrations
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#26

2-Nitrophenol

Concen: 38.48 ng

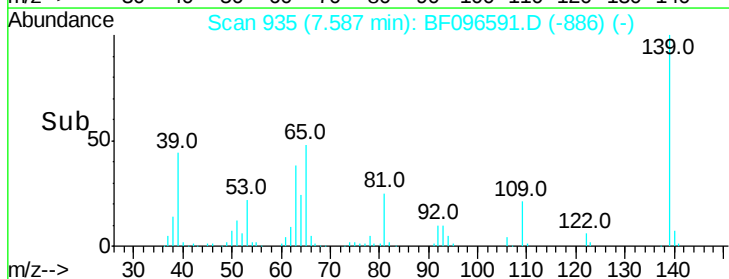
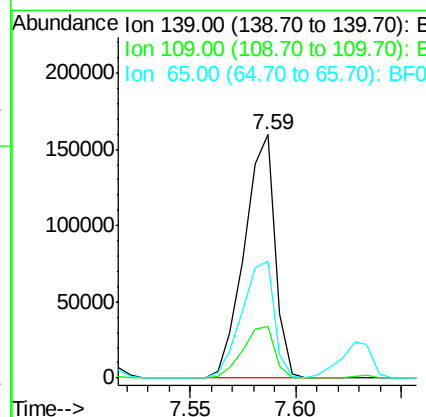
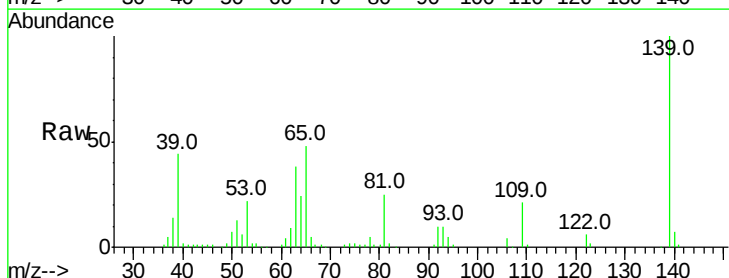
RT: 7.59 min Scan# 935

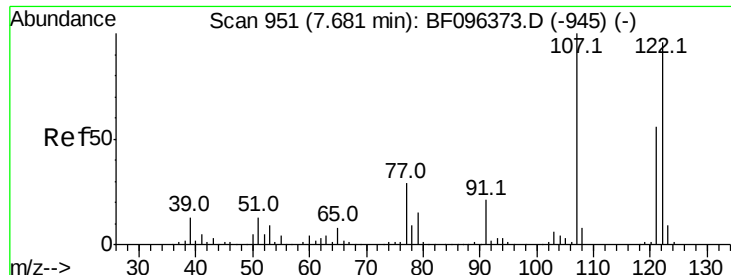
Delta R.T. -0.01 min

Lab File: BF096591.D

Acq: 10 Jul 2017 10:45

Tgt Ion:	139	Resp:	161075
Ion Ratio	Lower	Upper	
139	100		
109	21.4	21.0	31.6
65	47.8	33.0	49.6





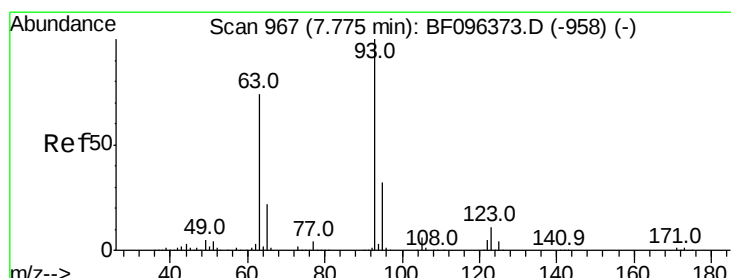
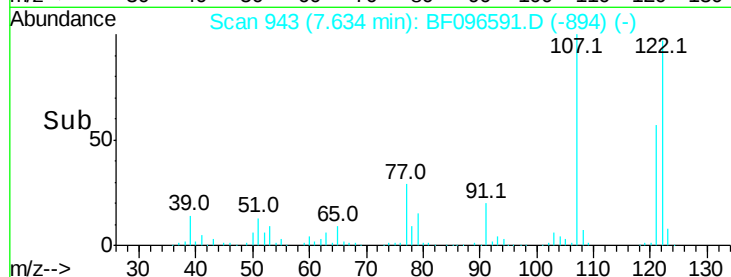
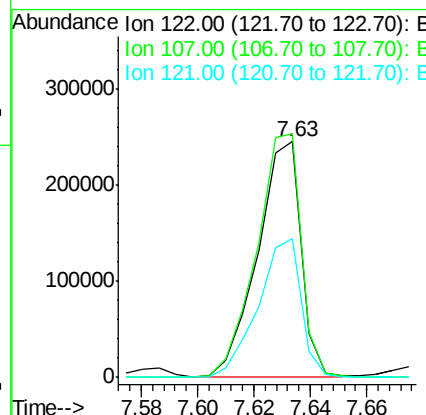
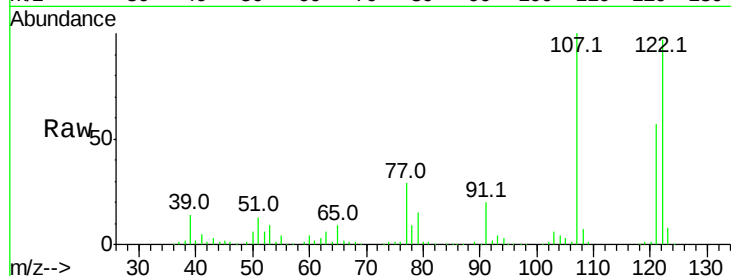
#27
2,4-Dimethylphenol
Concen: 37.00 ng
RT: 7.63 min Scan# 943
Delta R.T. -0.01 min
Lab File: BF096591.D
Acq: 10 Jul 2017 10:45

Instrument :
BNA_F
ClientSampleId :
PB100484BS

Tot Ion	Ratio	Lower	Upper
122	100		
107	103.3	89.2	133.8
121	58.8	45.2	67.8

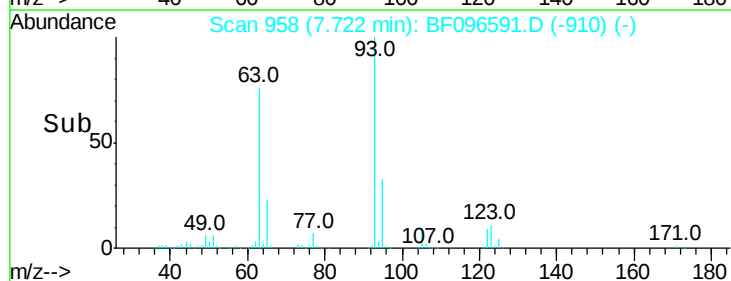
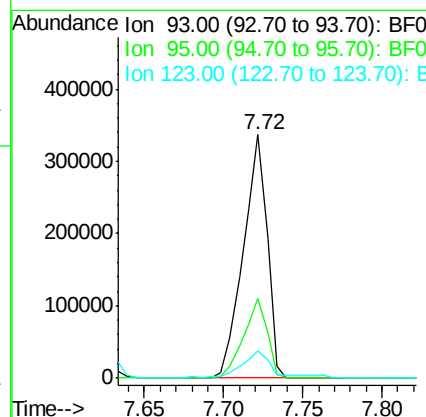
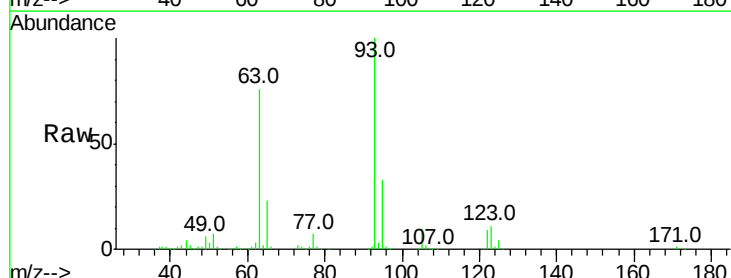
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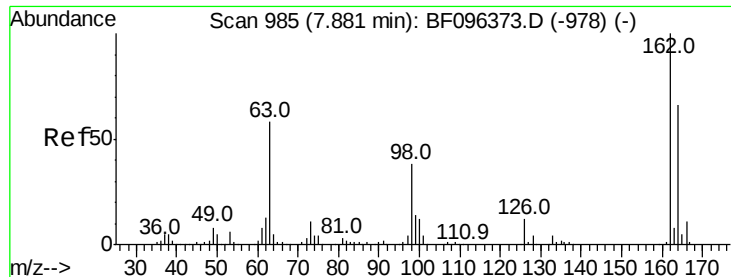
mohammad
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#28
bis(2-Chloroethoxy)methane
Concen: 36.13 ng
RT: 7.72 min Scan# 958
Delta R.T. -0.02 min
Lab File: BF096591.D
Acq: 10 Jul 2017 10:45

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.9	26.5	39.7
123	11.4	9.0	13.4





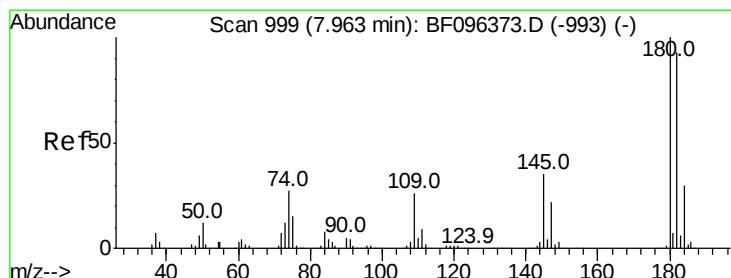
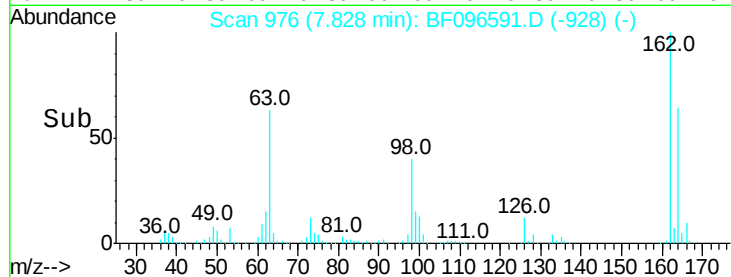
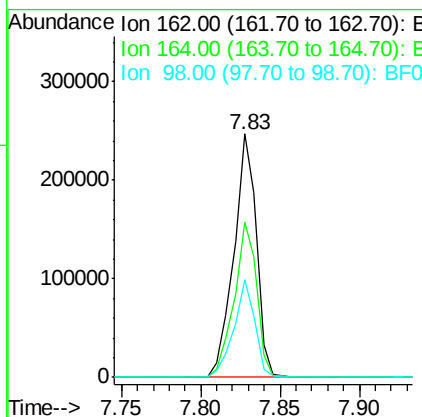
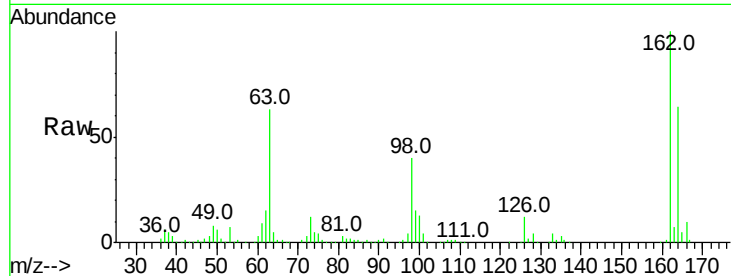
#29
 2,4-Dichlorophenol
 Concen: 39.56 ng
 RT: 7.83 min Scan# 976
 Delta R.T. -0.02 min
 Lab File: BF096591.D
 Acq: 10 Jul 2017 10:45

Instrument :
 BNA_F
 ClientSampleId :
 PB100484BS

Tot Ion	Ratio	Resp	Lower	Upper
162	100	243295		
164	63.5		44.6	84.6
98	39.9		14.8	54.8

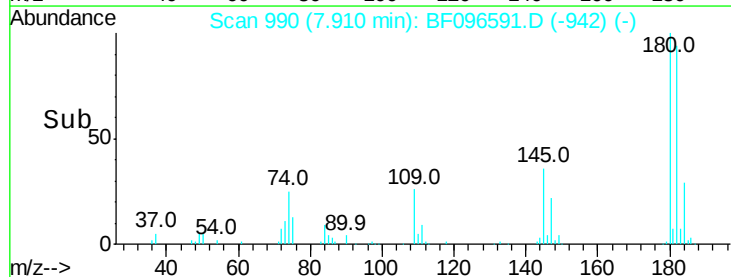
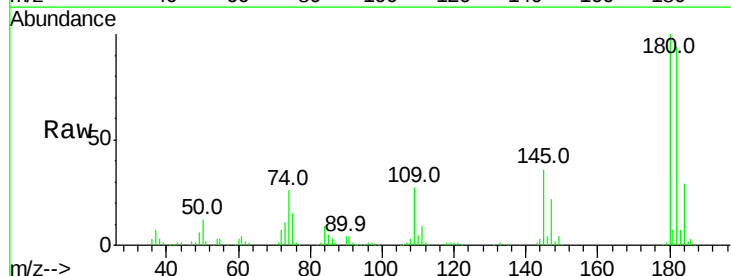
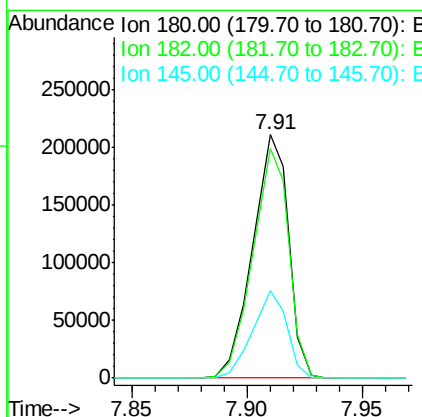
Manual Integrations
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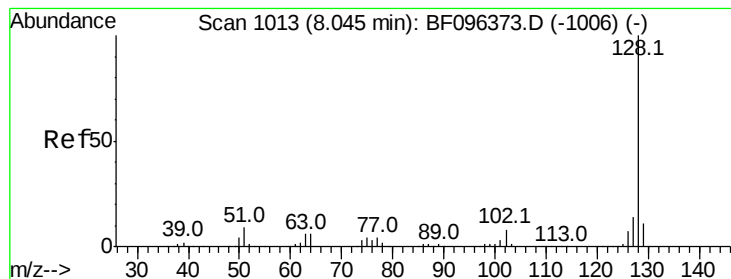
mohammad
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#30
 1,2,4-Trichlorobenzene
 Concen: 39.44 ng
 RT: 7.91 min Scan# 990
 Delta R.T. -0.02 min
 Lab File: BF096591.D
 Acq: 10 Jul 2017 10:45

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	228781		
182	94.2		75.8	113.6
145	35.9		25.3	37.9





#31

Naphthalene

Concen: 38.60 ng

RT: 7.99 min Scan# 1003

Delta R.T. -0.02 min

Lab File: BF096591.D

Acq: 10 Jul 2017 10:45

Instrument :

BNA_F

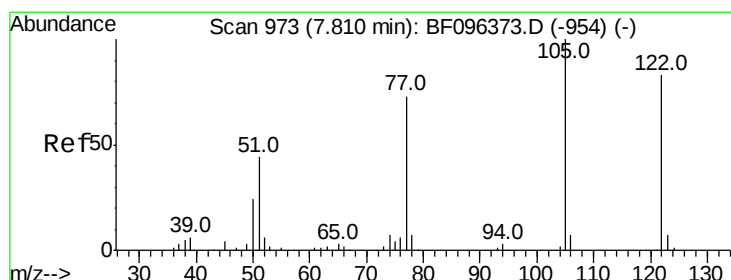
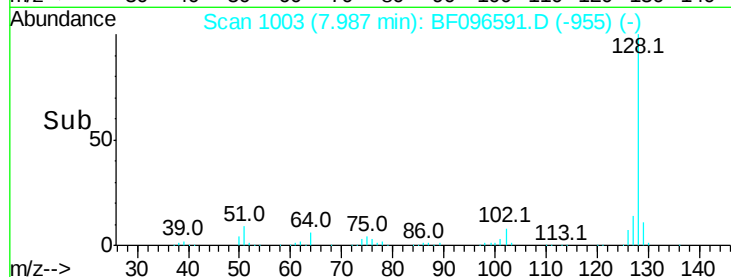
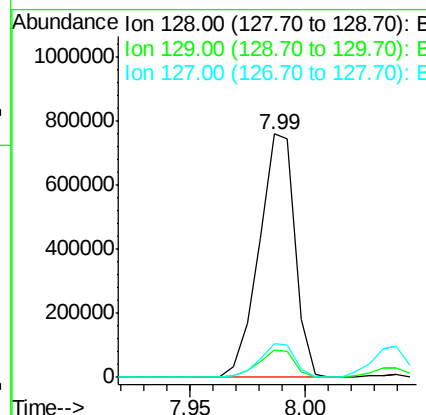
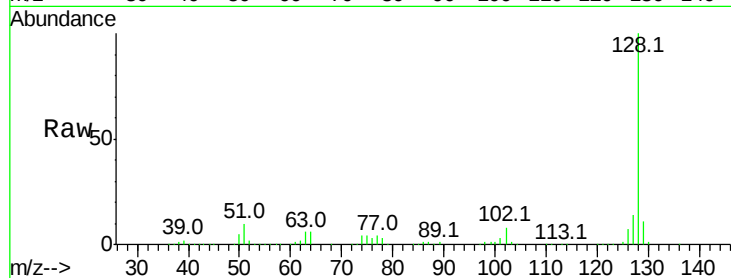
ClientSampleId :

PB100484BS

Tot Ion	Ratio	Lower	Upper
128	100		
129	11.2	9.0	13.6
127	13.6	10.8	16.2

Manual Integrations
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#32

Benzoic acid

Concen: 30.86 ng

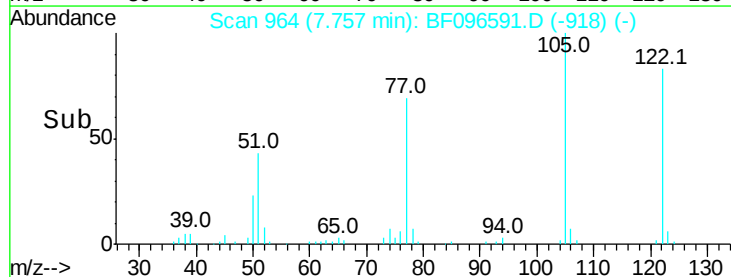
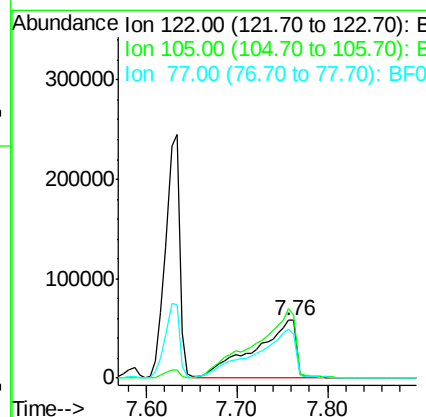
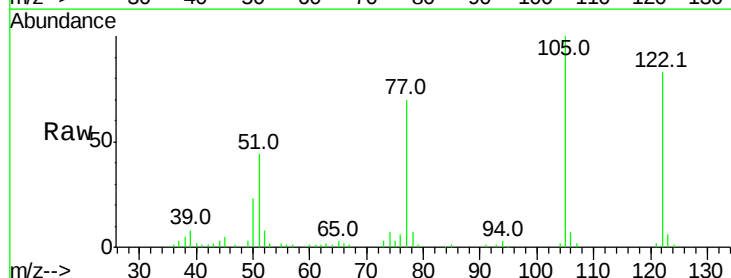
RT: 7.76 min Scan# 964

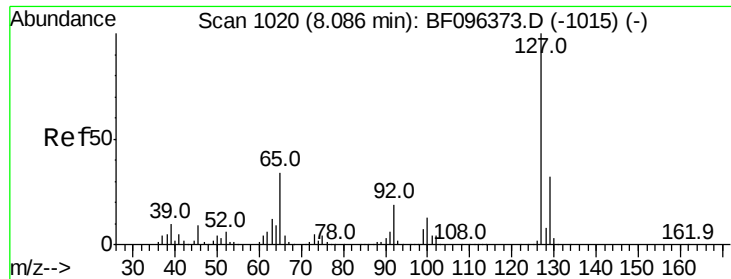
Delta R.T. -0.03 min

Lab File: BF096591.D

Acq: 10 Jul 2017 10:45

Tgt Ion	Ratio	Lower	Upper
122	100		
105	121.0	103.3	143.3
77	84.7	73.7	113.7





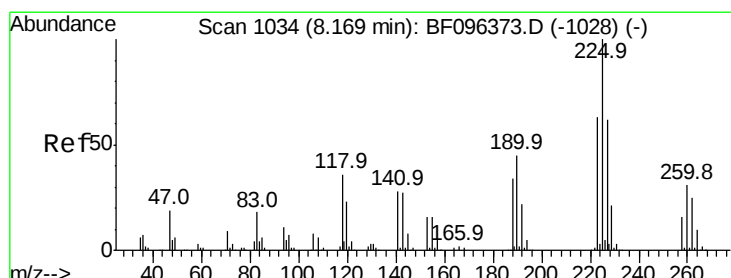
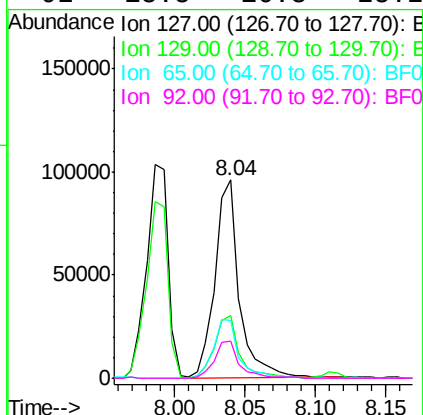
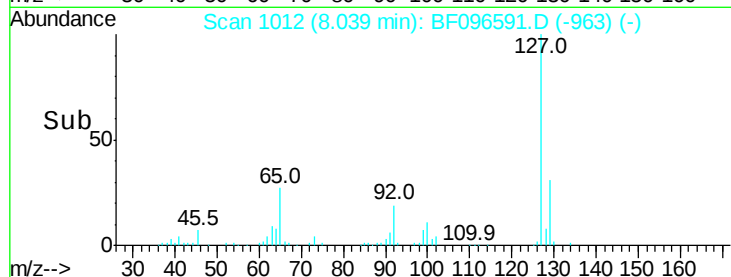
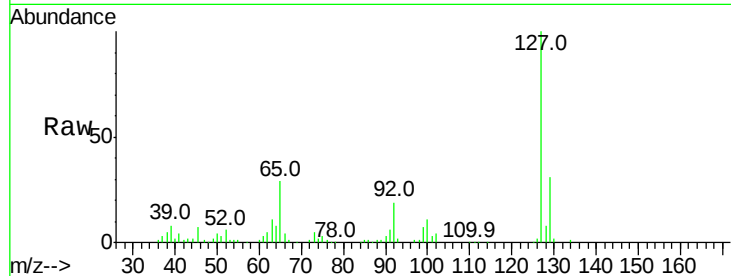
#33
4-Chloroaniline
Concen: 12.95 ng
RT: 8.04 min Scan# 1012
Delta R.T. -0.01 min
Lab File: BF096591.D
Acq: 10 Jul 2017 10:45

Instrument :
BNA_F
ClientSampleId :
PB100484BS

Tot Ion	Ratio	Lower	Upper
127	100		
129	31.3	26.2	39.2
65	29.3	27.8	41.8
92	18.5	16.8	25.2

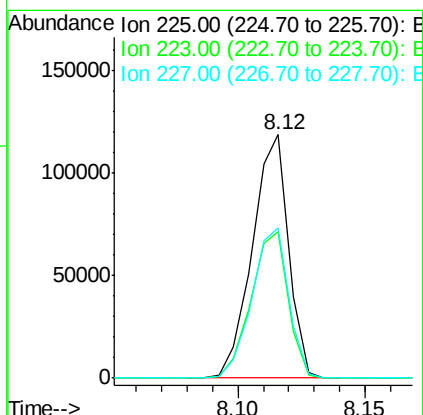
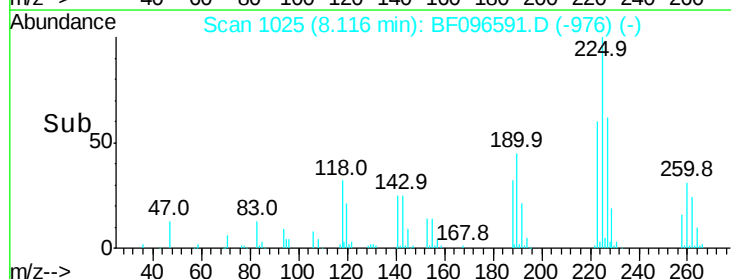
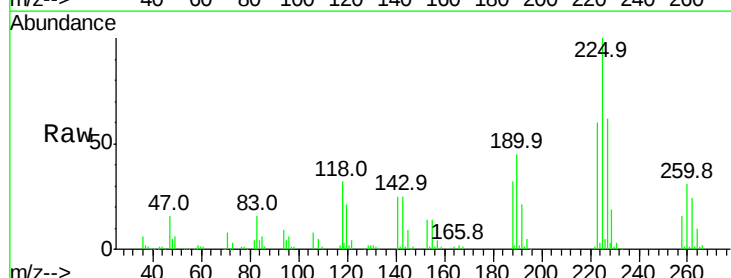
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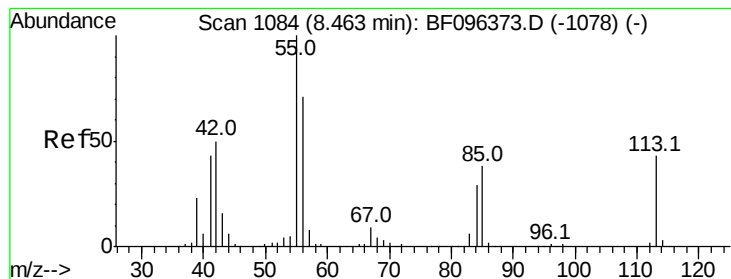
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#34
Hexachlorobutadiene
Concen: 39.47 ng
RT: 8.12 min Scan# 1025
Delta R.T. -0.01 min
Lab File: BF096591.D
Acq: 10 Jul 2017 10:45

Tgt Ion	Ratio	Lower	Upper
225	100		
223	60.2	48.8	73.2
227	61.8	51.1	76.7





#35

Caprolactam

Concen: 39.56 ng/ml

RT: 8.41 min Scan# 1075

Delta R.T. -0.02 min

Lab File: BF096591.D

Acq: 10 Jul 2017 10:45

Instrument :

BNA_F

ClientSampleID :

PB100484BS

Tot Ion:113 Resp: 83890

Ion Ratio Lower Upper

113 100

55 222.0 150.2 190.2#

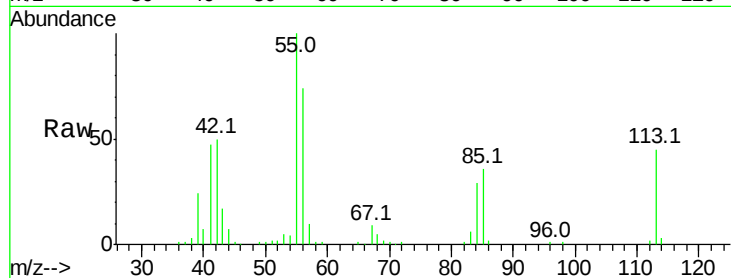
56 163.5 107.8 147.8#

Manual Integrations

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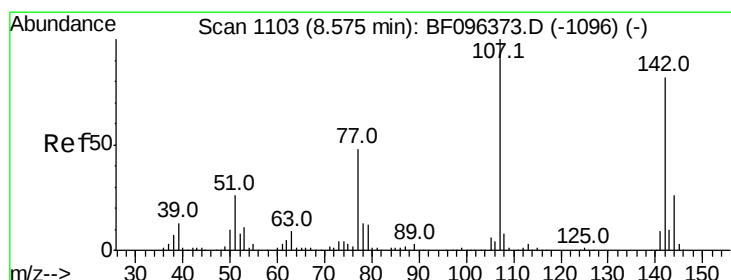
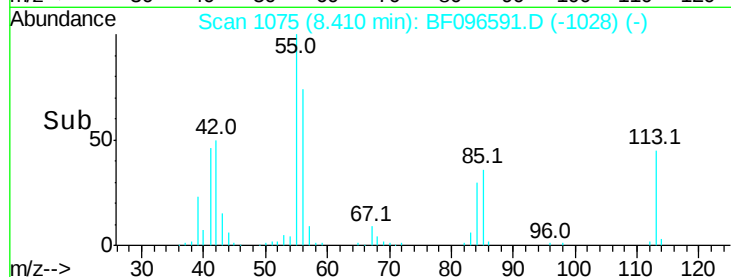
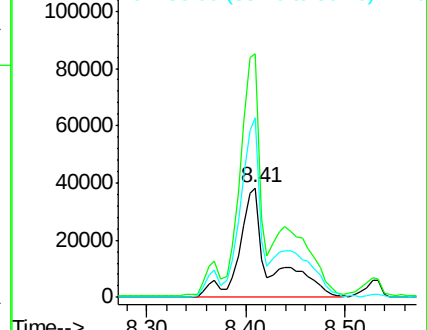
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Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF0

Ion 56.00 (55.70 to 56.70): BF0



#36

4-Chloro-3-methylphenol

Concen: 37.41 ng/ml

RT: 8.53 min Scan# 1095

Delta R.T. -0.02 min

Lab File: BF096591.D

Acq: 10 Jul 2017 10:45

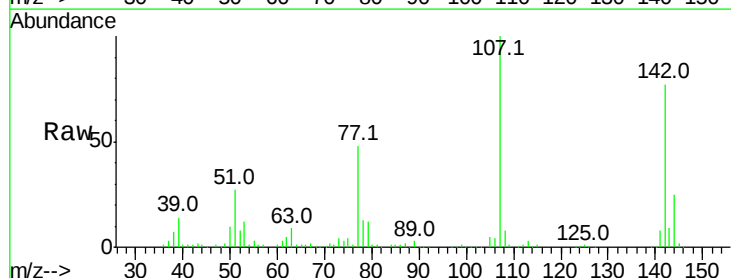
Tgt Ion:107 Resp: 254576

Ion Ratio Lower Upper

107 100

144 25.2 24.2 36.4

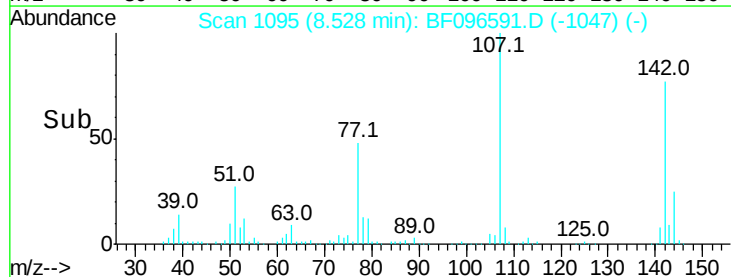
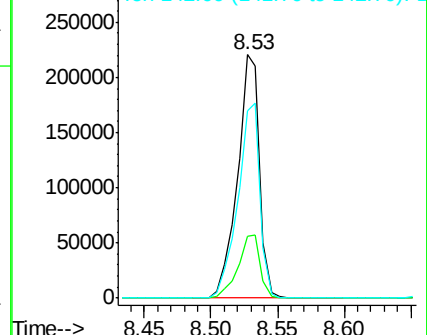
142 77.0 73.4 110.0

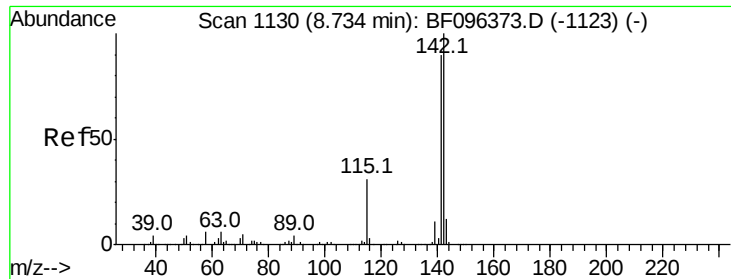


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





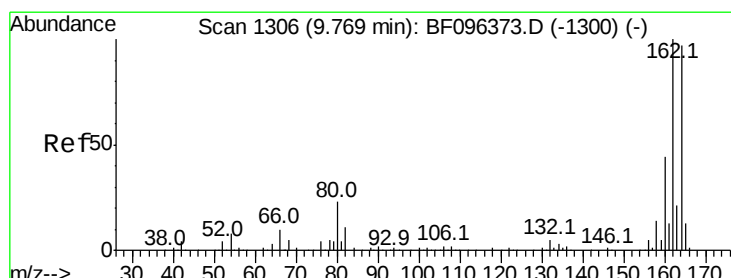
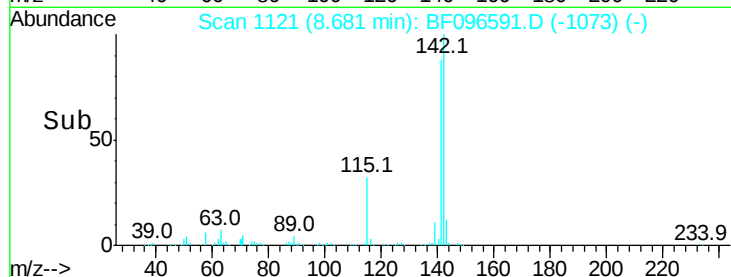
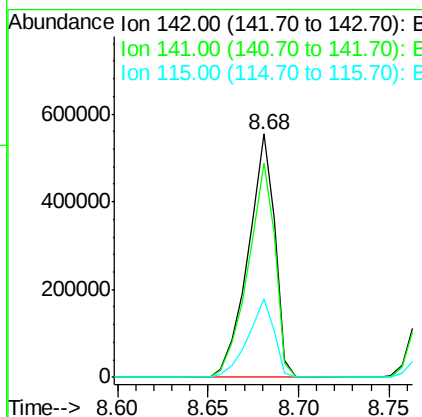
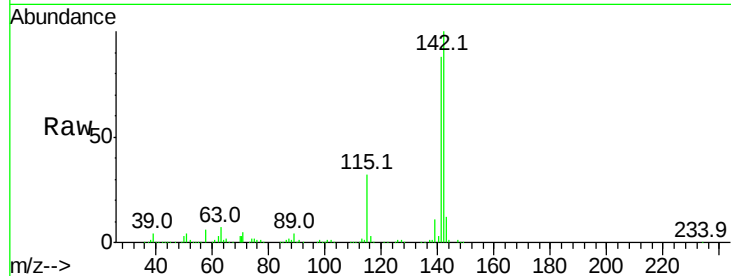
#37
2-Methylnaphthalene
Concen: 41.78 ng
RT: 8.68 min Scan# 1121
Delta R.T. -0.02 min
Lab File: BF096591.D
Acq: 10 Jul 2017 10:45

Instrument :
BNA_F
ClientSampleId :
PB100484BS

Tot Ion	Ratio	Lower	Upper
142	100		
141	87.7	71.3	106.9
115	32.4	27.1	40.7

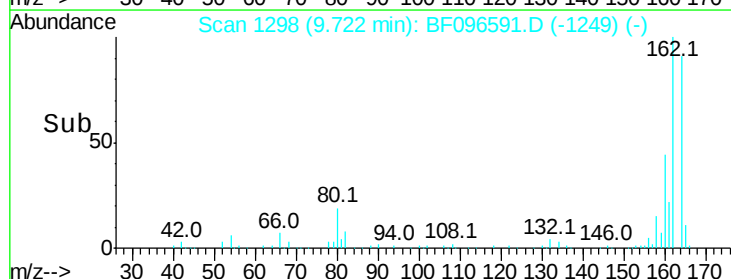
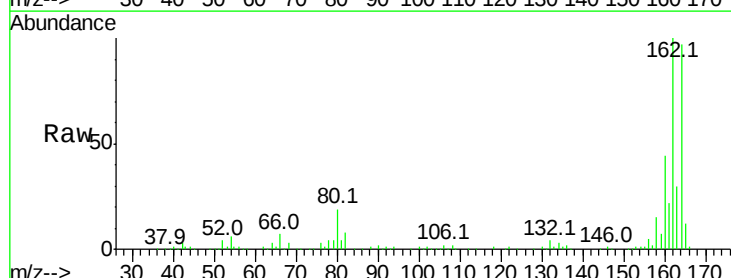
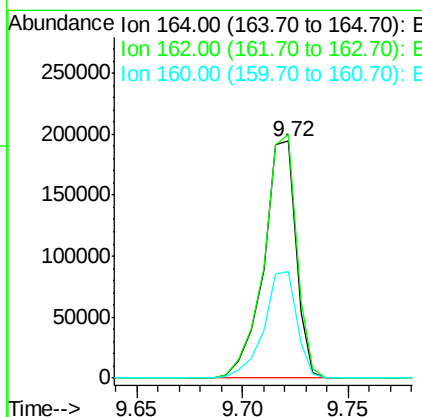
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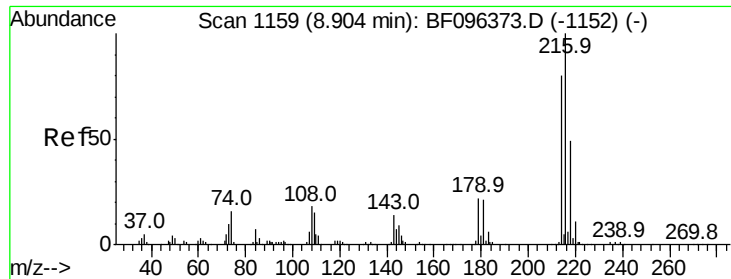
mohammad
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#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.72 min Scan# 1298
Delta R.T. -0.01 min
Lab File: BF096591.D
Acq: 10 Jul 2017 10:45

Tgt Ion	Ratio	Lower	Upper
164	100		
162	102.9	82.6	123.8
160	45.1	36.2	54.2





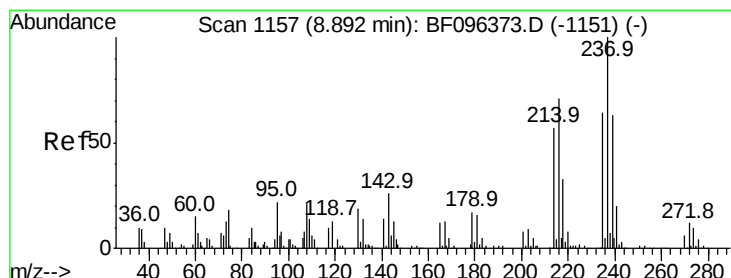
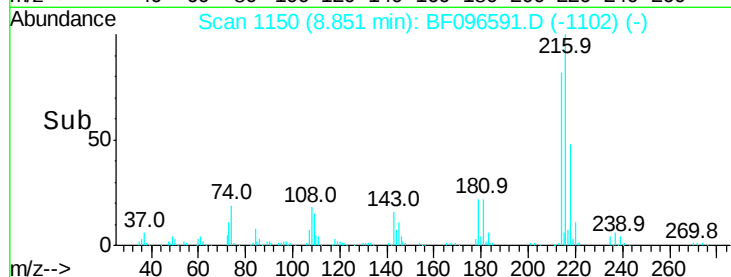
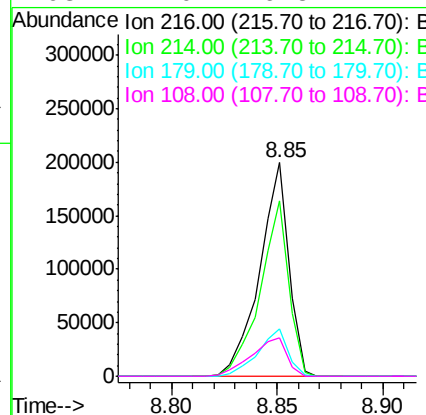
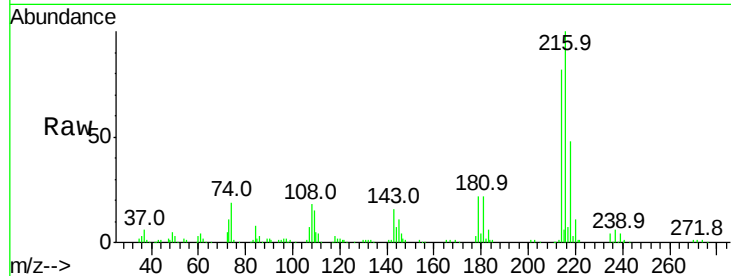
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 35.72 ng
 RT: 8.85 min Scan# 1150
 Delta R.T. -0.02 min
 Lab File: BF096591.D
 Acq: 10 Jul 2017 10:45

Instrument :
 BNA_F
 ClientSampleId :
 PB100484BS

Tot Ion	Ratio	Resp Lower	Upper
216	100		
214	80.0	63.4	95.2
179	22.5	17.9	26.9
108	22.0	16.5	24.7

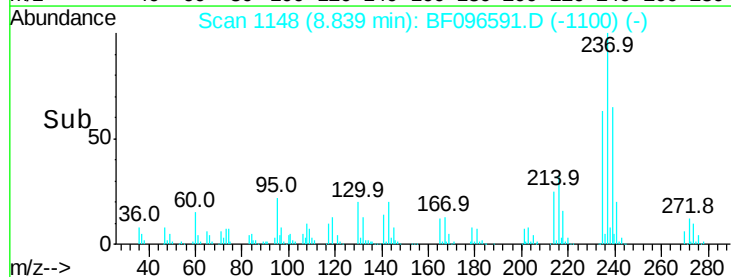
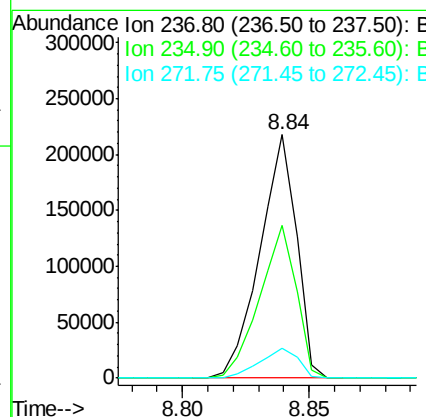
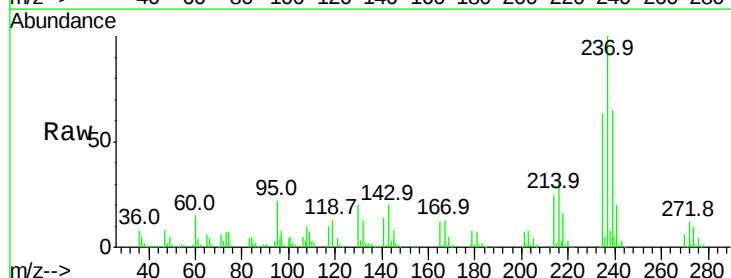
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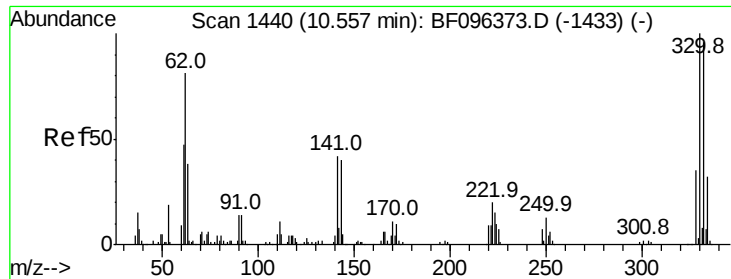
mohammad
 7/11/2017 1:34:59 PM



#40
 Hexachlorocyclopentadiene
 Concen: 83.81 ng
 RT: 8.84 min Scan# 1148
 Delta R.T. -0.02 min
 Lab File: BF096591.D
 Acq: 10 Jul 2017 10:45

Tgt Ion	Ratio	Resp Lower	Upper
237	100		
235	62.9	42.6	82.6
272	12.2	0.0	31.9





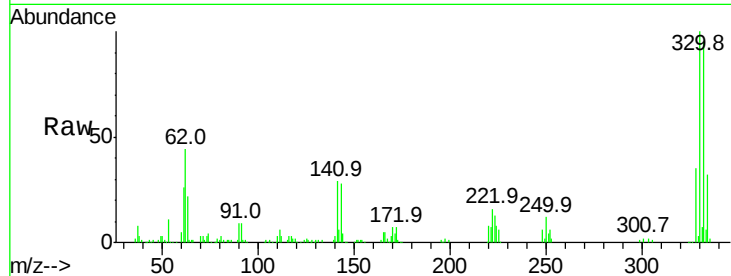
#41
 2,4,6-Tribromophenol
 Concen: 127.99 ng
 RT: 10.51 min Scan# 1432
 Delta R.T. -0.01 min
 Lab File: BF096591.D
 Acq: 10 Jul 2017 10:45

Instrument :
 BNA_F
 ClientSampleId :
 PB100484BS

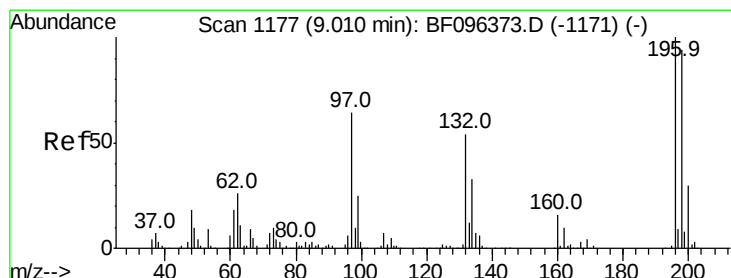
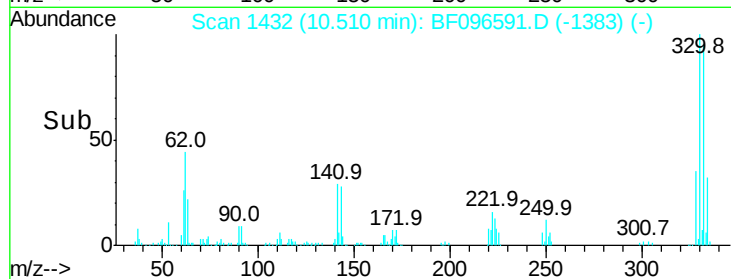
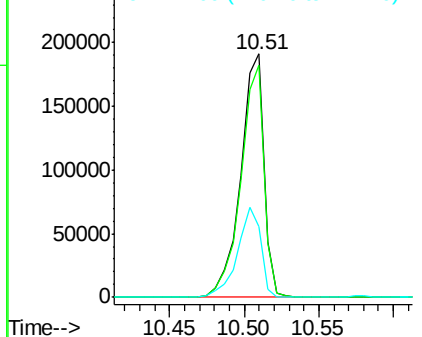
Tot Ion	Ratio	Lower	Upper
330	100		
332	94.7	76.6	115.0
141	37.0	31.4	47.2

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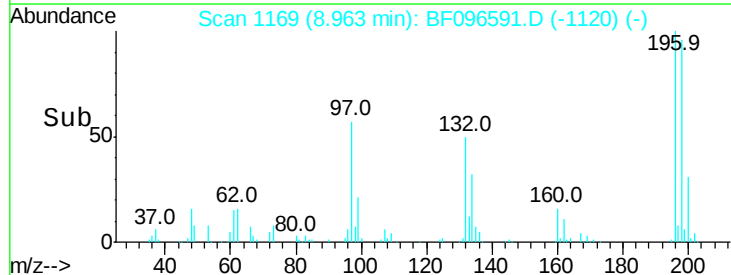
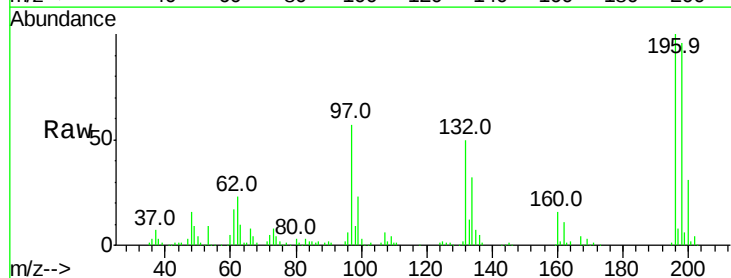
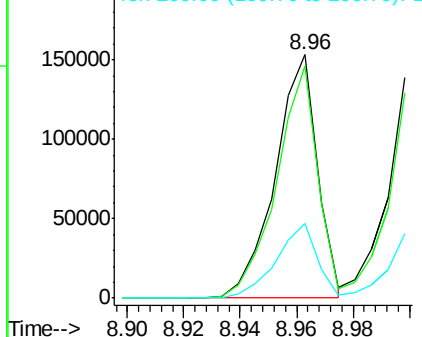
Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

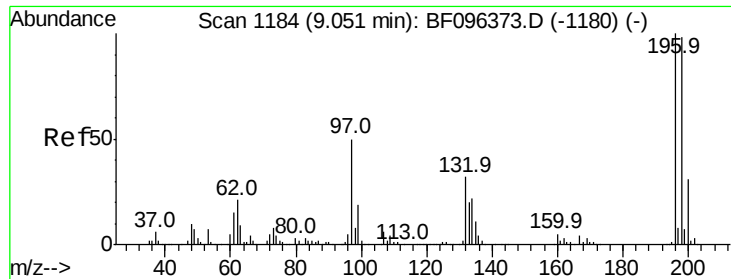


#42
 2,4,6-Trichlorophenol
 Concen: 37.23 ng
 RT: 8.96 min Scan# 1169
 Delta R.T. -0.01 min
 Lab File: BF096591.D
 Acq: 10 Jul 2017 10:45

Tgt Ion	Ratio	Lower	Upper
196	100		
198	95.5	74.2	111.4
200	30.7	24.0	36.0

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





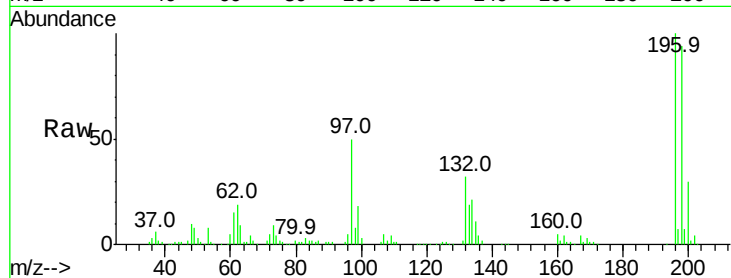
#43
 2,4,5-Trichlorophenol
 Concen: 38.33 ng
 RT: 9.00 min Scan# 1176
 Delta R.T. -0.01 min
 Lab File: BF096591.D
 Acq: 10 Jul 2017 10:45

Instrument :
 BNA_F
 ClientSampleId :
 PB100484BS

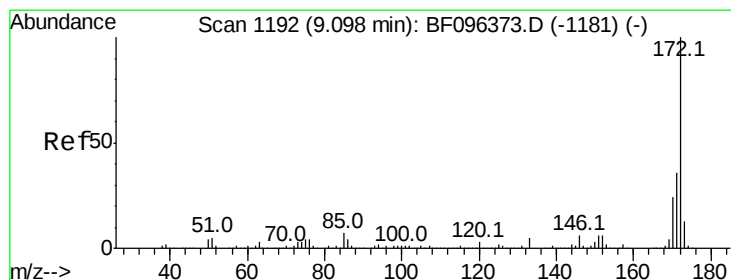
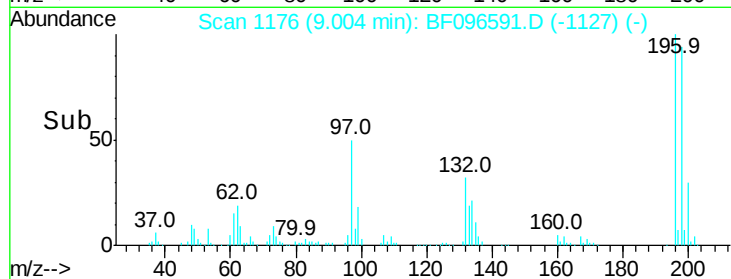
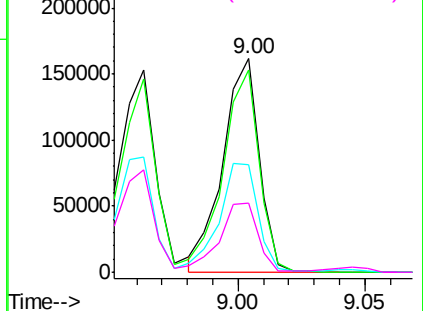
Tot Ion	196	Resp	161577
Ion Ratio	Lower	Upper	
196	100		
198	94.4	75.7	113.5
97	50.1	47.7	71.5
132	32.2	28.0	42.0

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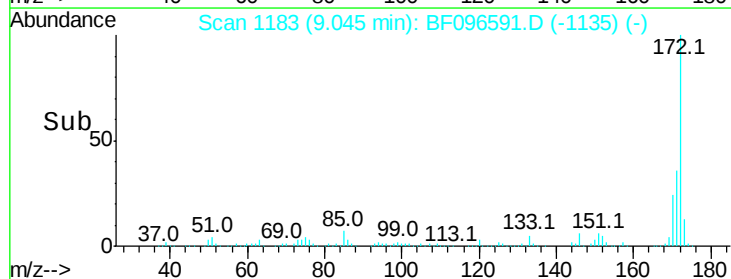
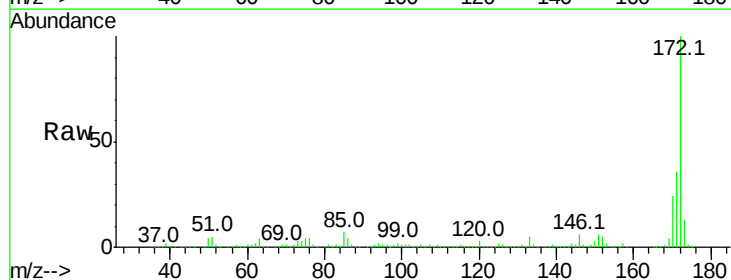
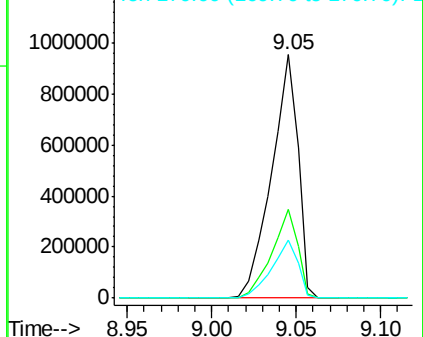
Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

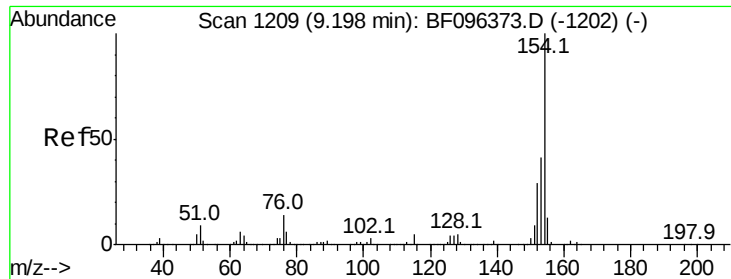


#44
 2-Fluorobiphenyl
 Concen: 85.40 ng
 RT: 9.05 min Scan# 1183
 Delta R.T. -0.02 min
 Lab File: BF096591.D
 Acq: 10 Jul 2017 10:45

Tgt Ion	172	Resp	1036591
Ion Ratio	Lower	Upper	
172	100		
171	36.3	29.6	44.4
170	23.9	19.8	29.8

Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E





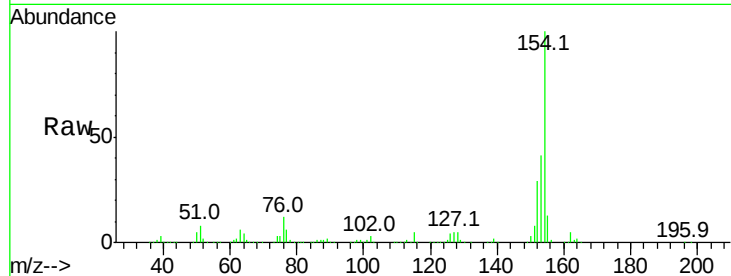
#45
 1,1'-Biphenyl
 Concen: 35.50 ng
 RT: 9.15 min Scan# 1200
 Delta R.T. -0.02 min
 Lab File: BF096591.D
 Acq: 10 Jul 2017 10:45

Instrument :
 BNA_F
 ClientSampleId :
 PB100484BS

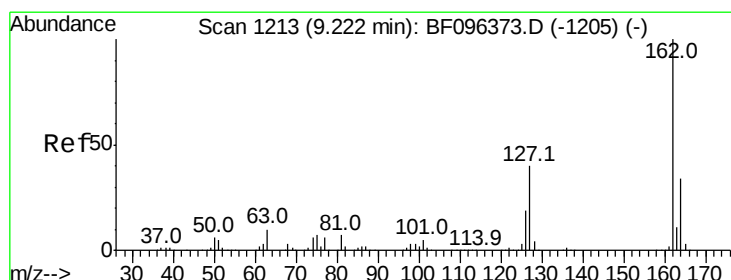
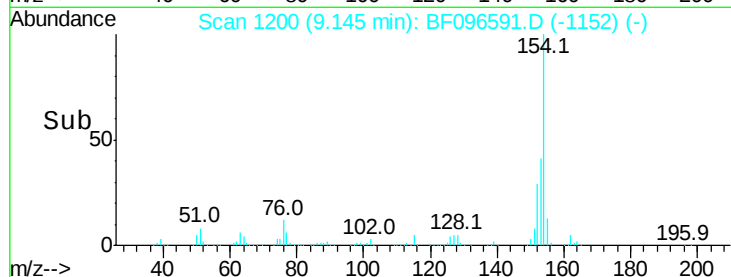
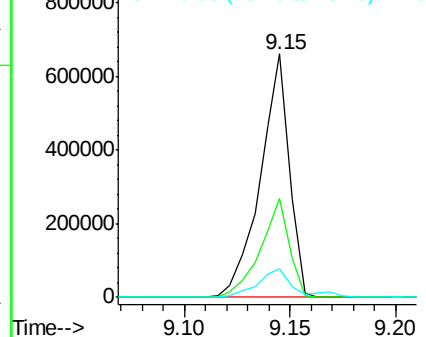
Tot Ion	Ratio	Resp	Lower	Upper
154	100			
153	40.7	21.2	61.2	
76	11.9	0.0	29.9	

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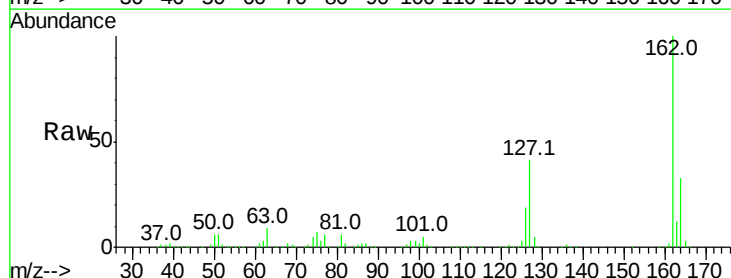


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF0

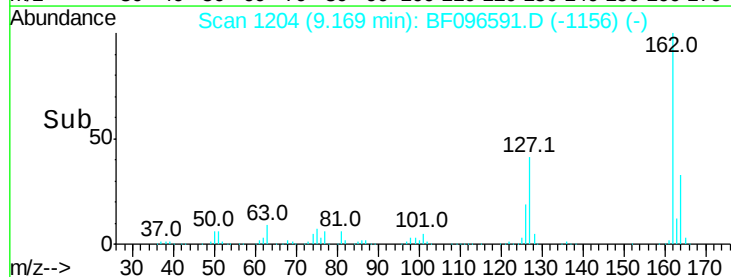
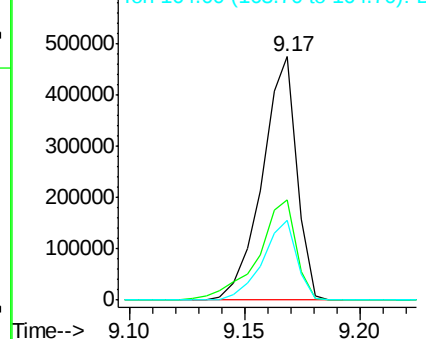


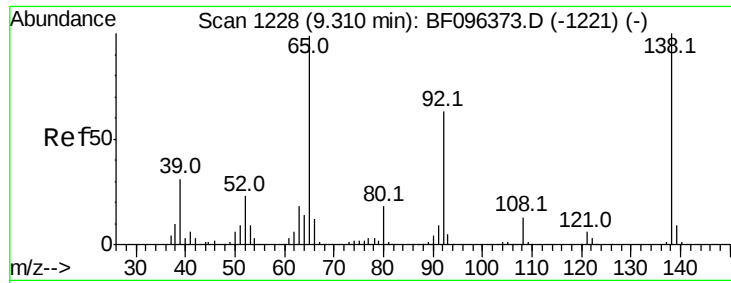
#46
 2-Chloronaphthalene
 Concen: 37.26 ng
 RT: 9.17 min Scan# 1204
 Delta R.T. -0.02 min
 Lab File: BF096591.D
 Acq: 10 Jul 2017 10:45

Tgt Ion	Ratio	Resp	Lower	Upper
162	100			
127	41.0	28.3	42.5	
164	33.0	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





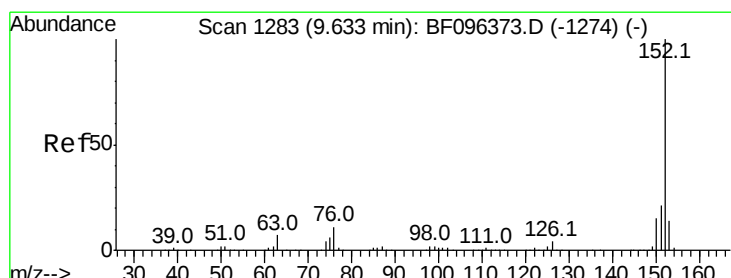
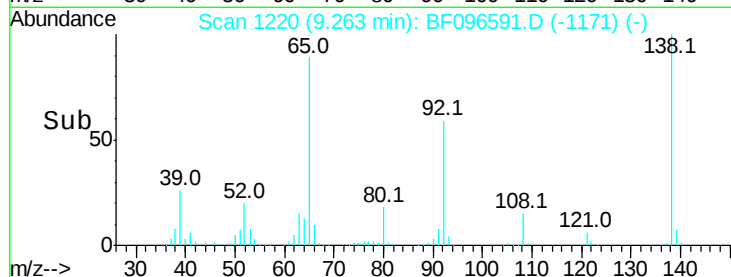
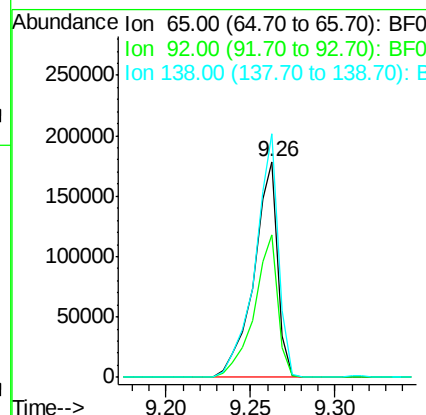
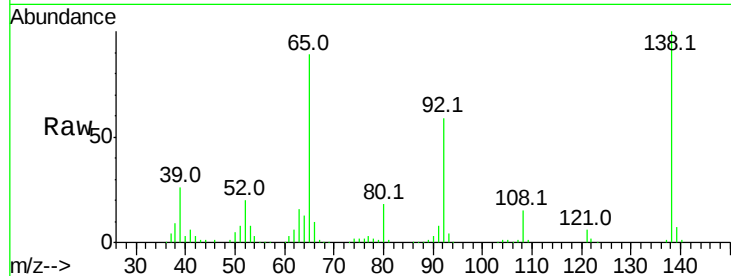
#47
2-Nitroaniline
Concen: 36.61 ng
RT: 9.26 min Scan# 1220
Delta R.T. -0.01 min
Lab File: BF096591.D
Acq: 10 Jul 2017 10:45

Instrument :
BNA_F
ClientSampled :
PB100484BS

Tot Ion	Ratio	Lower	Upper
65	100		
92	66.1	53.9	80.9
138	112.7	78.8	118.2

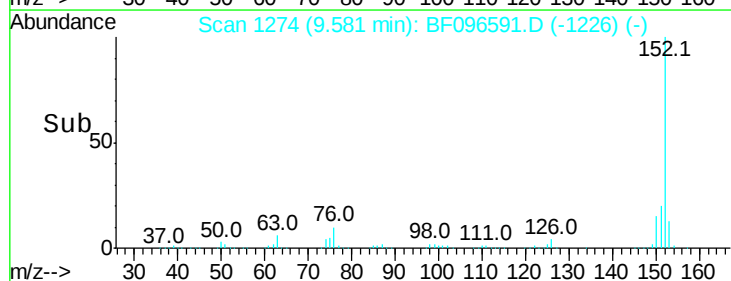
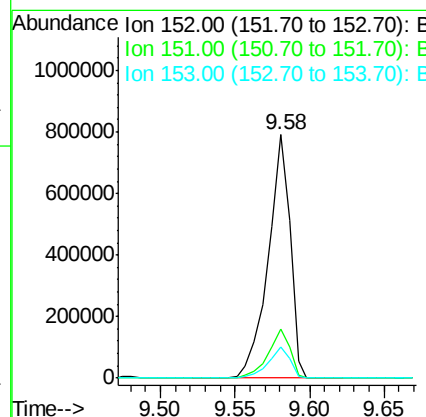
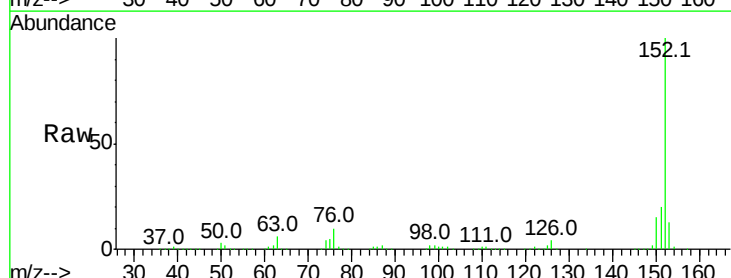
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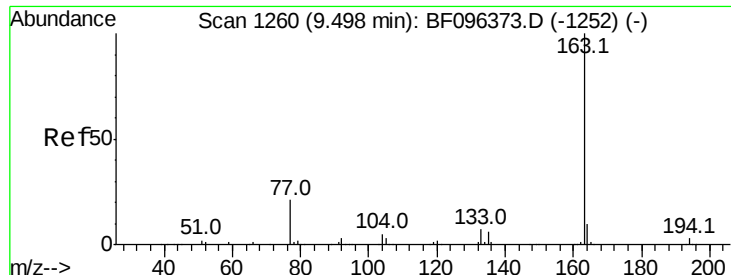
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#48
Acenaphthylene
Concen: 38.00 ng
RT: 9.58 min Scan# 1274
Delta R.T. -0.02 min
Lab File: BF096591.D
Acq: 10 Jul 2017 10:45

Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.3	16.8	25.2
153	13.0	10.8	16.2





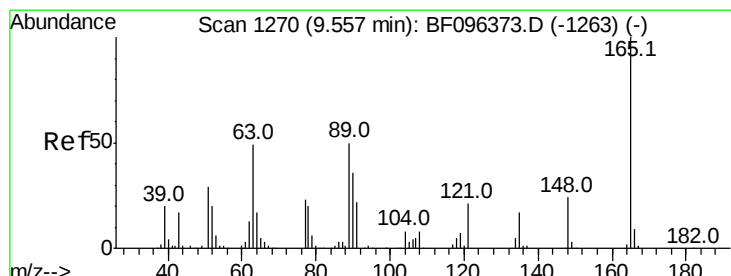
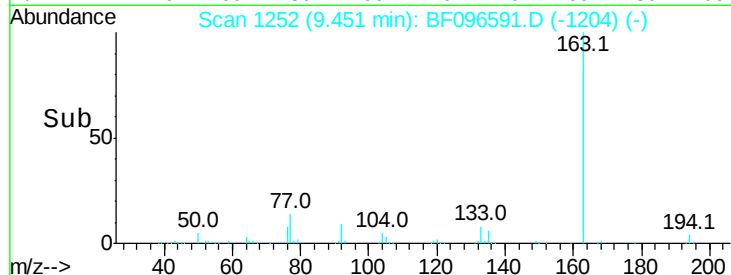
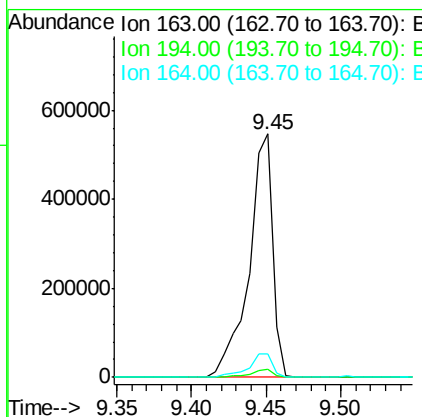
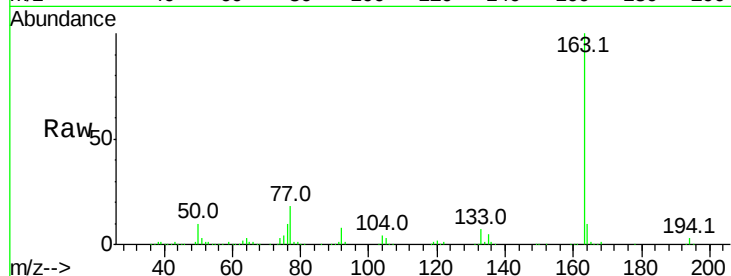
#49
 Dimethylphthalate
 Concen: 38.66 ng
 RT: 9.45 min Scan# 1252
 Delta R.T. -0.02 min
 Lab File: BF096591.D
 Acq: 10 Jul 2017 10:45

Instrument :
 BNA_F
 ClientSampleId :
 PB100484BS

Tot Ion	163	Resp	599004
Ion Ratio	Lower	Upper	
163	100		
194	3.4	2.6	4.0
164	9.7	8.4	12.6

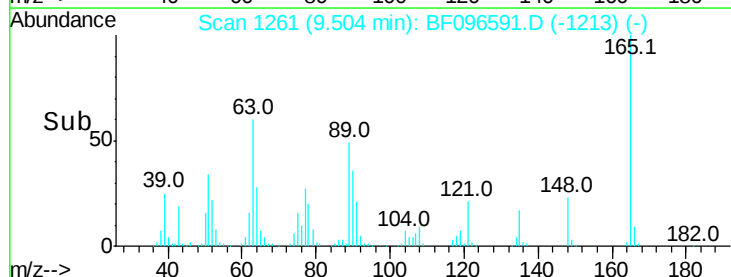
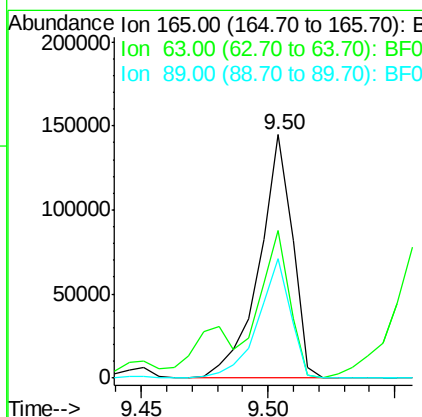
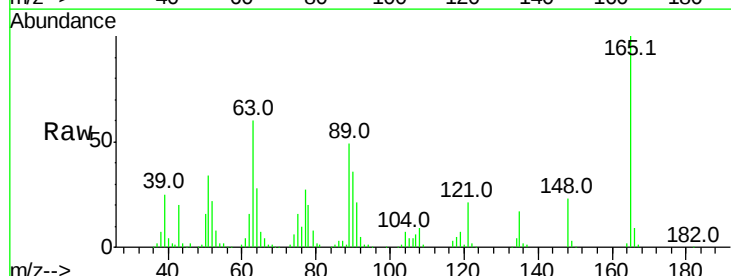
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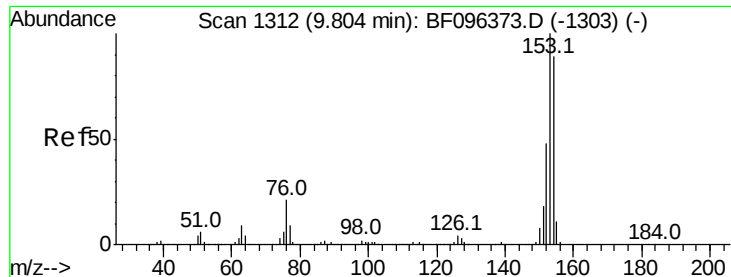
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#50
 2,6-Dinitrotoluene
 Concen: 38.75 ng
 RT: 9.50 min Scan# 1261
 Delta R.T. -0.02 min
 Lab File: BF096591.D
 Acq: 10 Jul 2017 10:45

Tgt Ion	165	Resp	132749
Ion Ratio	Lower	Upper	
165	100		
63	60.4	34.3	51.5#
89	49.2	37.1	55.7





#51

Acenaphthene

Concen: 35.73 ng

RT: 9.75 min Scan# 1303

Delta R.T. -0.02 min

Lab File: BF096591.D

Acq: 10 Jul 2017 10:45

Instrument :

BNA_F

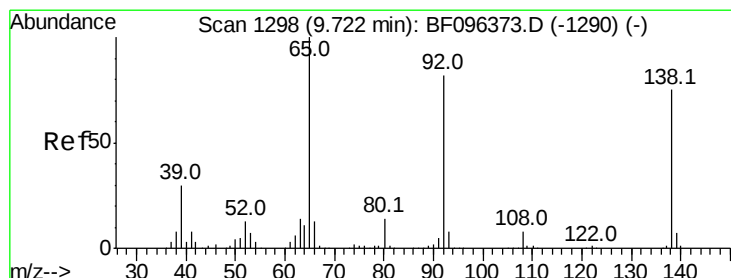
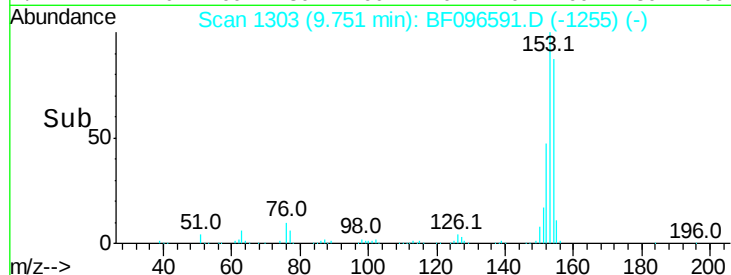
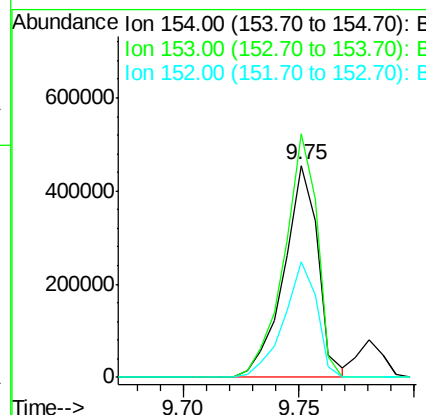
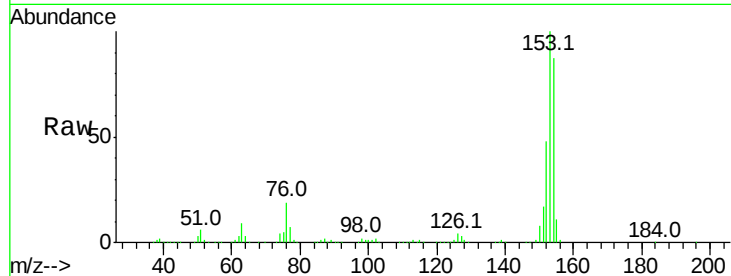
ClientSampleId :

PB100484BS

Tot Ion:	154	Resp:	462511
Ion Ratio	Lower	Upper	
154	100		
153	114.9	90.5	135.7
152	54.7	43.6	65.4

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#52

3-Nitroaniline

Concen: 18.19 ng

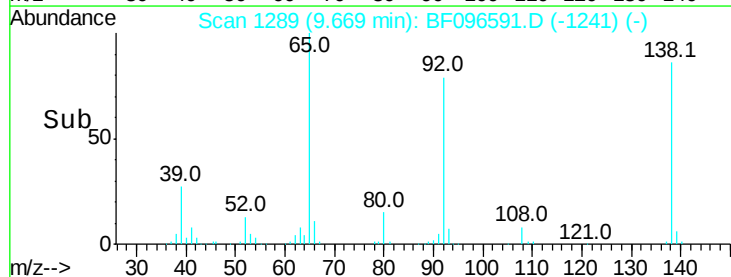
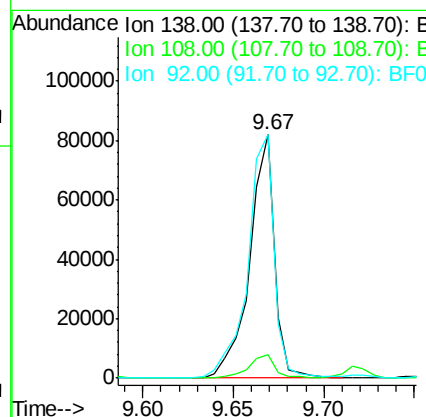
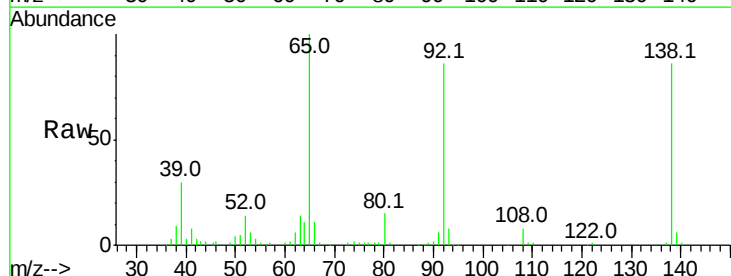
RT: 9.67 min Scan# 1289

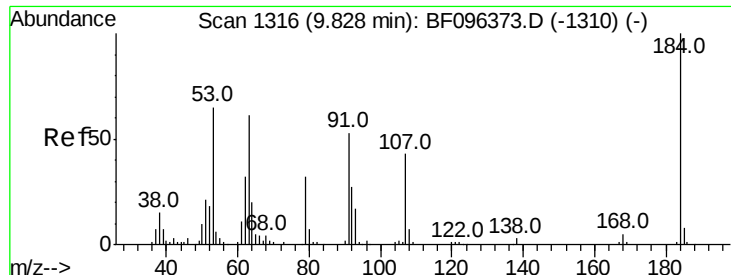
Delta R.T. -0.02 min

Lab File: BF096591.D

Acq: 10 Jul 2017 10:45

Tgt Ion:	138	Resp:	77733
Ion Ratio	Lower	Upper	
138	100		
108	9.7	9.1	13.7
92	100.0	93.8	140.6





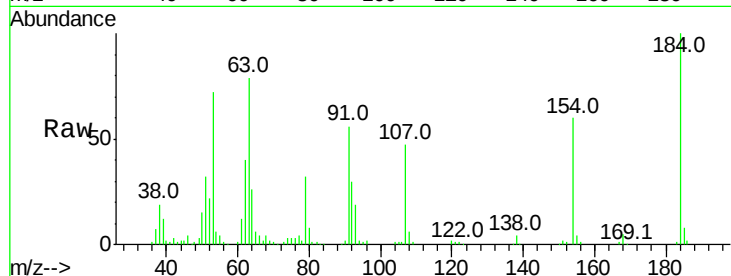
#53
2,4-Dinitrophenol
Concen: 71.30 ng
RT: 9.78 min Scan# 1308
Delta R.T. -0.02 min
Lab File: BF096591.D
Acq: 10 Jul 2017 10:45

Instrument :
BNA_F
ClientSampleId :
PB100484BS

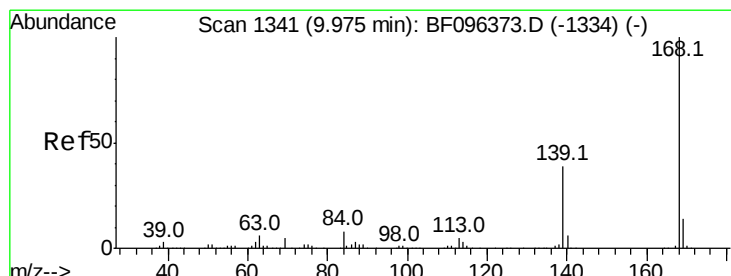
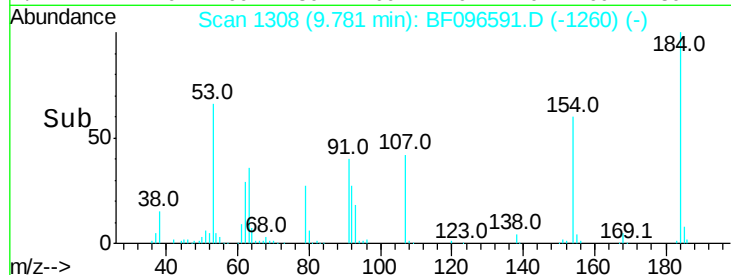
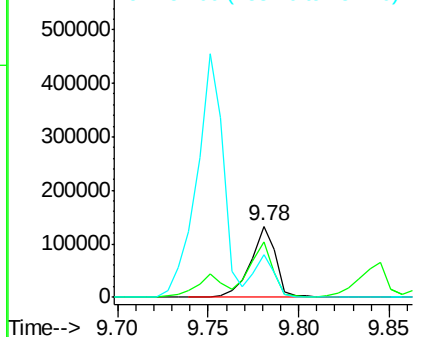
Tot Ion:184 Resp: 129738
Ion Ratio Lower Upper
184 100
63 78.5 62.7 94.1
154 60.5 81.1 121.7#

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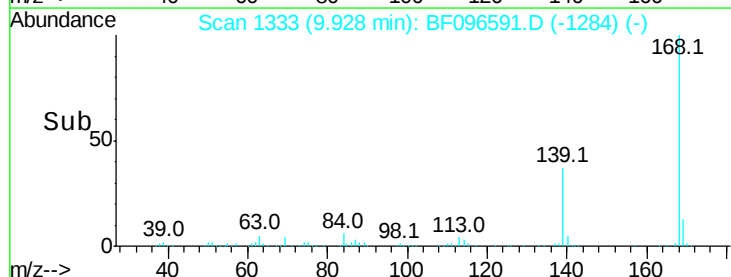
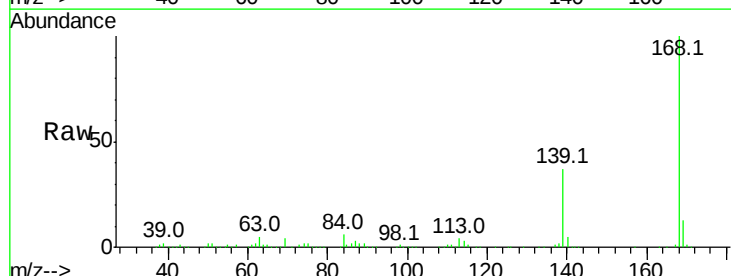
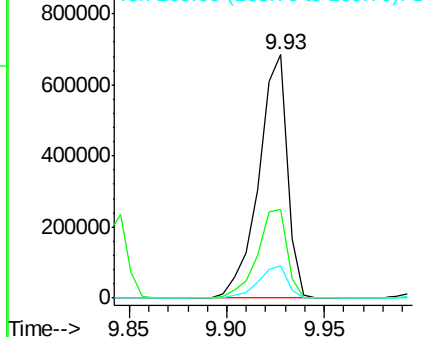
Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 154.00 (153.70 to 154.70): E

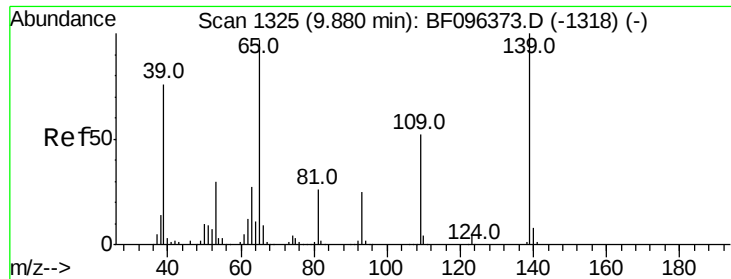


#54
Dibenzofuran
Concen: 40.71 ng
RT: 9.93 min Scan# 1333
Delta R.T. -0.01 min
Lab File: BF096591.D
Acq: 10 Jul 2017 10:45

Tgt Ion:168 Resp: 695714
Ion Ratio Lower Upper
168 100
139 36.6 30.6 45.8
169 13.2 10.8 16.2

Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E





#55

4-Nitrophenol

Concen: 68.70 ng

RT: 9.85 min Scan# 1319

Delta R.T. -0.01 min

Lab File: BF096591.D

Acq: 10 Jul 2017 10:45

Instrument :

BNA_F

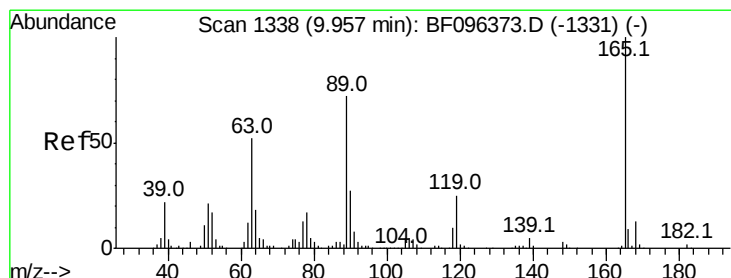
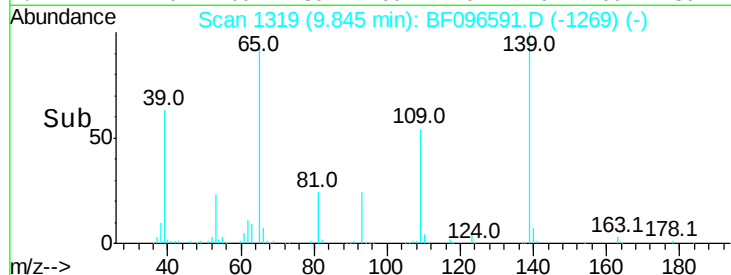
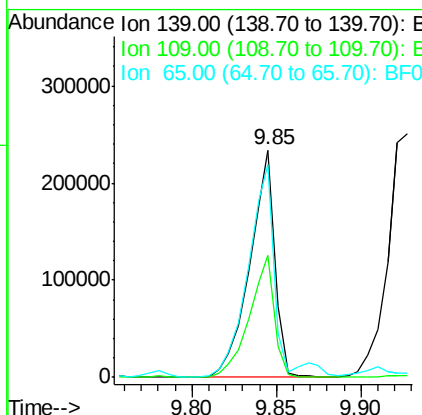
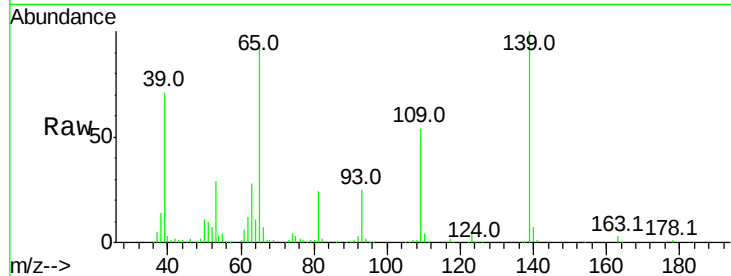
ClientSampleId :

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Tot Ion	Ratio	Resp	Lower	Upper
139	100	243310		
109	53.8	34.1	74.1	
65	93.8	31.4	71.4	

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#56

2,4-Dinitrotoluene

Concen: 41.24 ng

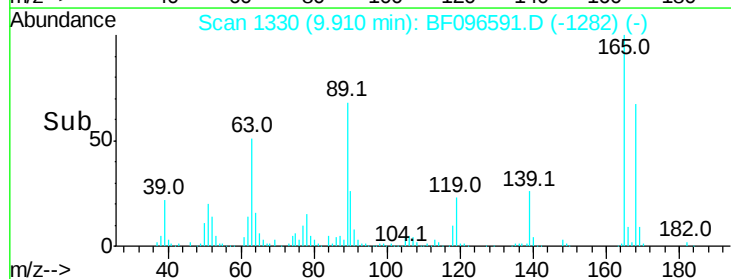
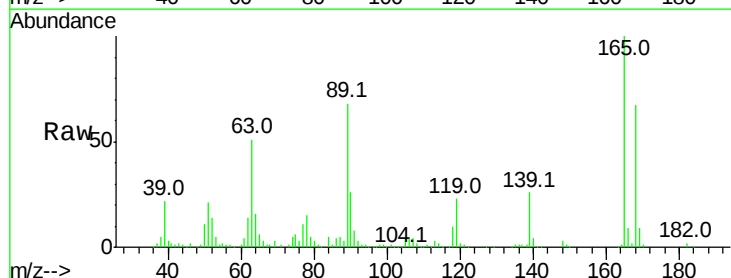
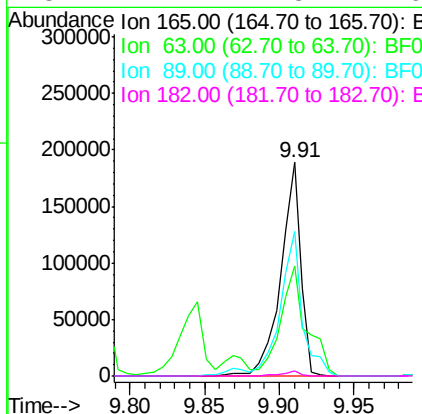
RT: 9.91 min Scan# 1330

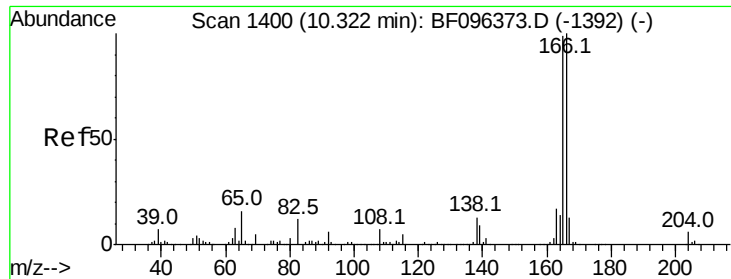
Delta R.T. -0.02 min

Lab File: BF096591.D

Acq: 10 Jul 2017 10:45

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	178908		
63	51.4	25.4	38.0	
89	67.6	46.4	69.6	
182	2.2	1.8	2.6	





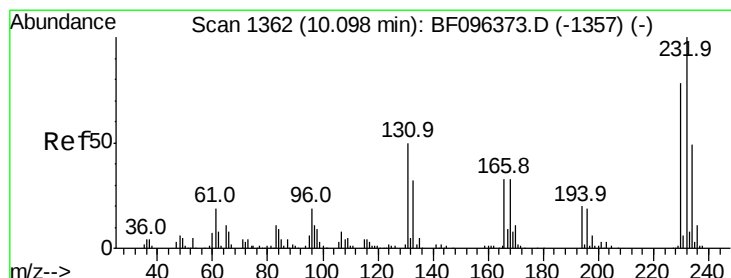
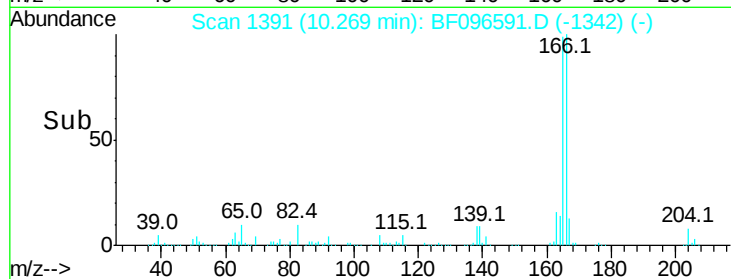
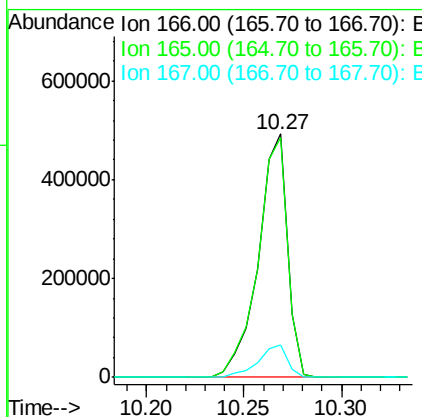
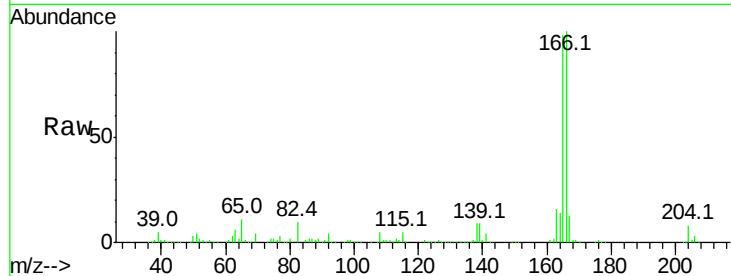
#57
 Fluorene
 Concen: 42.27 ng
 RT: 10.27 min Scan# 1391
 Delta R.T. -0.01 min
 Lab File: BF096591.D
 Acq: 10 Jul 2017 10:45

Instrument :
 BNA_F
 ClientSampleId :
 PB100484BS

Tot Ion	Ratio	Resp	Lower	Upper
166	100	510216		
165	98.3		78.8	118.2
167	13.2		10.6	16.0

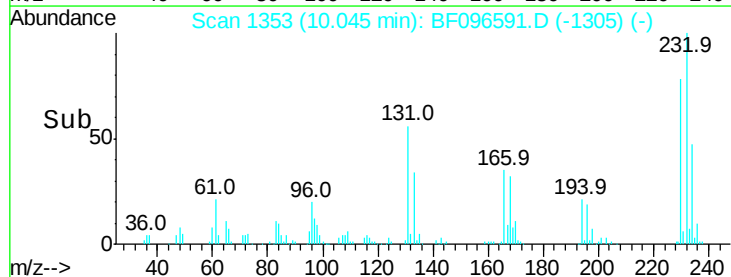
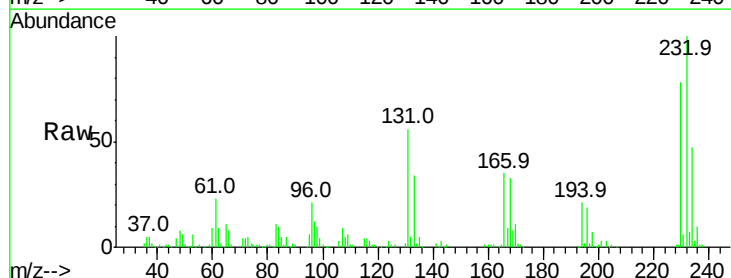
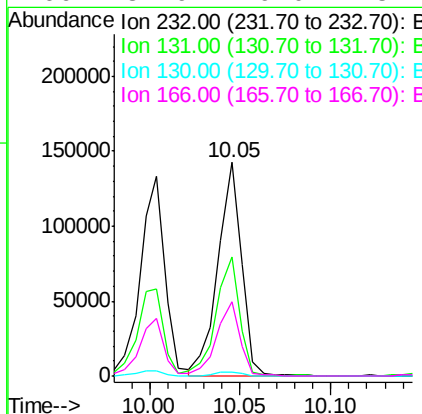
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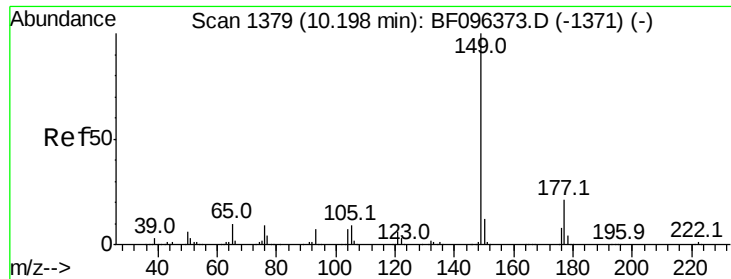
mohammad
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#58
 2,3,4,6-Tetrachlorophenol
 Concen: 44.23 ng
 RT: 10.05 min Scan# 1353
 Delta R.T. -0.02 min
 Lab File: BF096591.D
 Acq: 10 Jul 2017 10:45

Tgt Ion	Ratio	Resp	Lower	Upper
232	100	128998		
131	56.4		44.8	67.2
130	2.3		2.3	3.5#
166	34.9		29.0	43.4





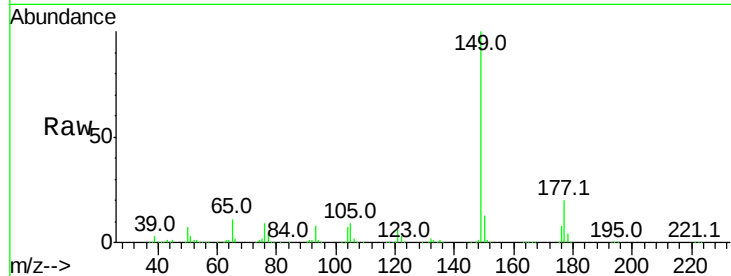
#59
Diethylphthalate
Concen: 40.19 ng
RT: 10.15 min Scan# 1370
Delta R.T. -0.02 min
Lab File: BF096591.D
Acq: 10 Jul 2017 10:45

Instrument :
BNA_F
ClientSampleId :
PB100484BS

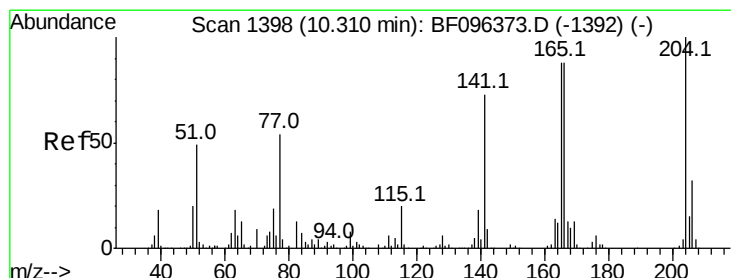
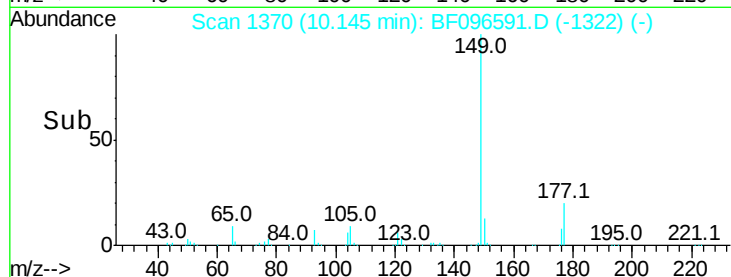
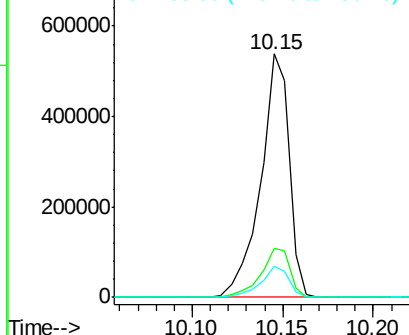
Tot Ion	Ratio	Resp	Lower	Upper
149	100	588600		
177	20.1	16.7	25.1	
150	12.7	10.2	15.2	

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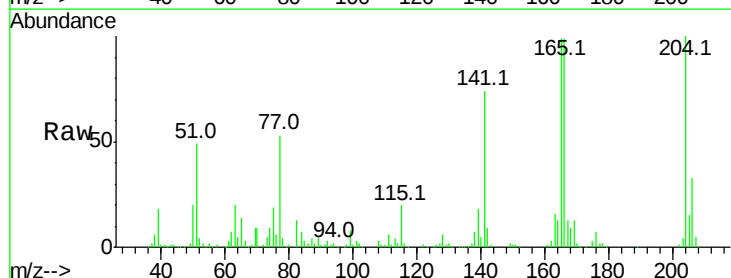


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

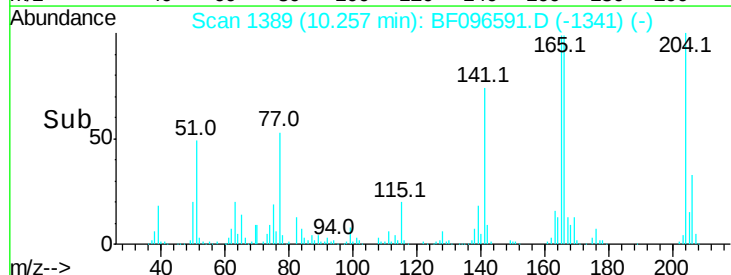
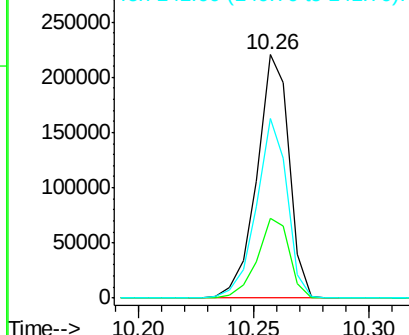


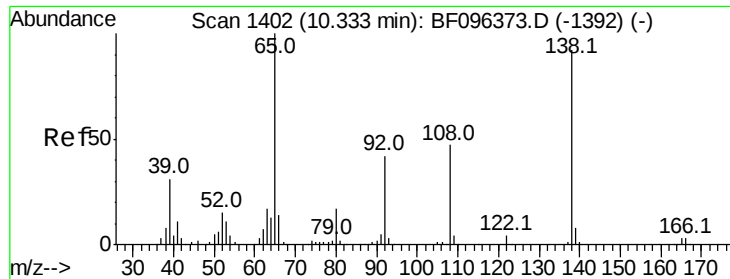
#60
4-Chlorophenyl-phenylether
Concen: 40.91 ng
RT: 10.26 min Scan# 1389
Delta R.T. -0.02 min
Lab File: BF096591.D
Acq: 10 Jul 2017 10:45

Tgt Ion	Ratio	Resp	Lower	Upper
204	100	214811		
206	32.6	26.2	39.2	
141	73.6	60.8	91.2	



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





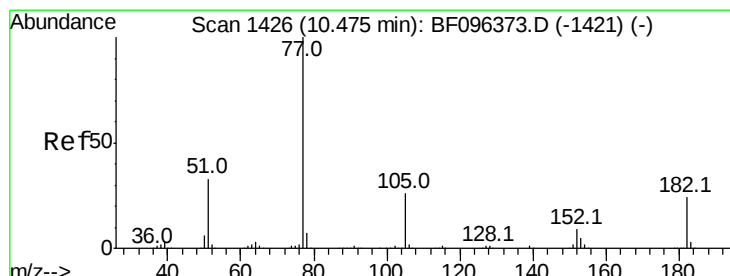
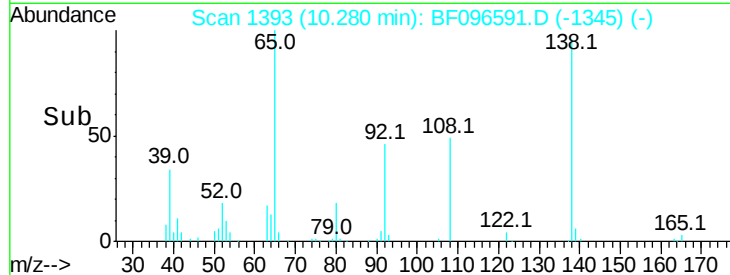
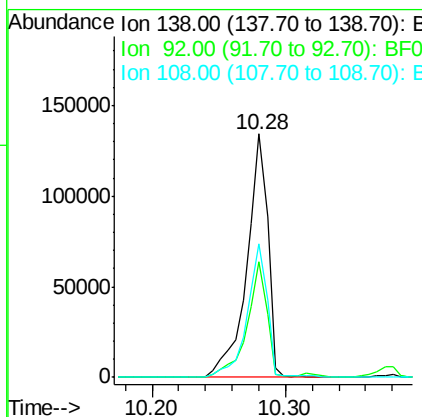
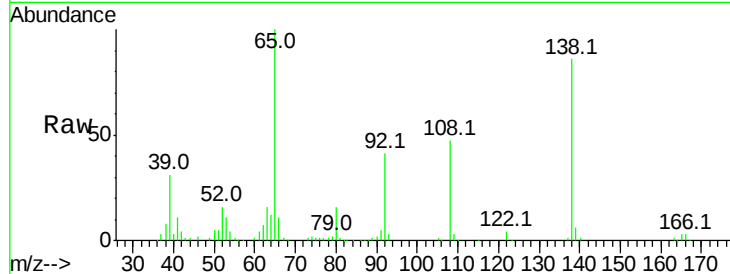
#61
4-Nitroaniline
Concen: 37.15 ng
RT: 10.28 min Scan# 1393
Delta R.T. -0.02 min
Lab File: BF096591.D
Acq: 10 Jul 2017 10:45

Instrument :
BNA_F
ClientSampleId :
PB100484BS

Tot Ion	Ratio	Lower	Upper
138	100		
92	47.6	21.8	61.8
108	55.0	42.3	82.3

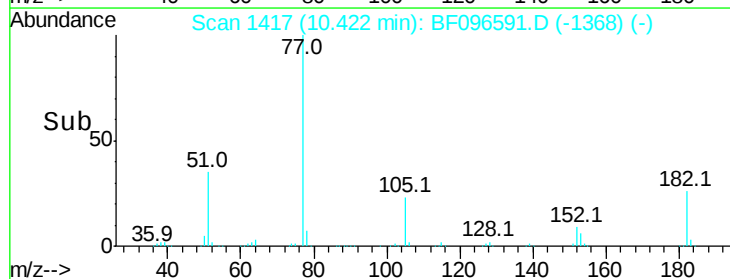
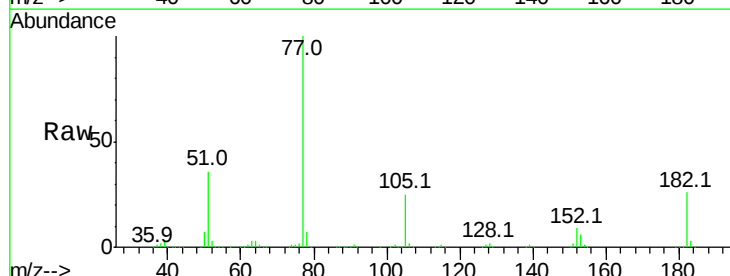
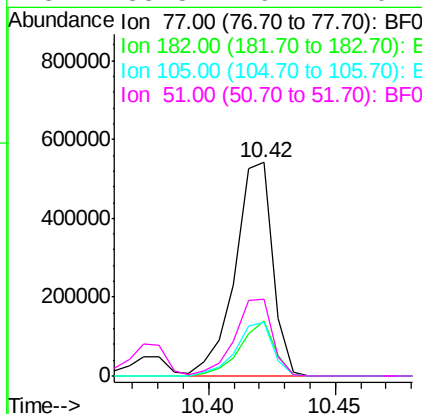
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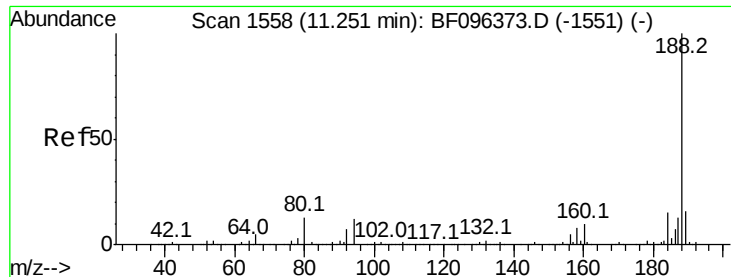
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#62
Azobenzene
Concen: 39.34 ng
RT: 10.42 min Scan# 1417
Delta R.T. -0.01 min
Lab File: BF096591.D
Acq: 10 Jul 2017 10:45

Tgt Ion	Ratio	Lower	Upper
77	100		
182	26.0	0.1	40.1
105	24.9	3.6	43.6
51	35.8	9.4	49.4





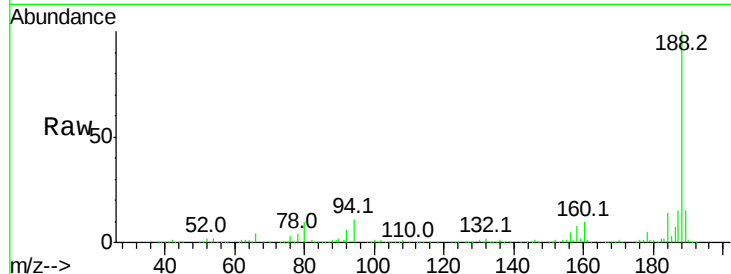
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.20 min Scan# 1549
Delta R.T. -0.01 min
Lab File: BF096591.D
Acq: 10 Jul 2017 10:45

Instrument :
BNA_F
ClientSampleId :
PB100484BS

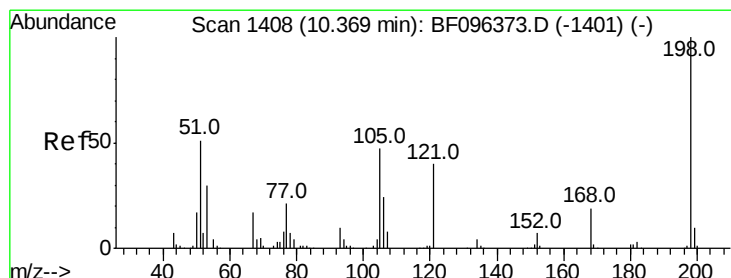
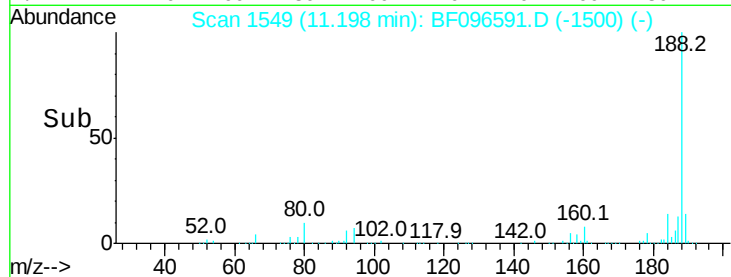
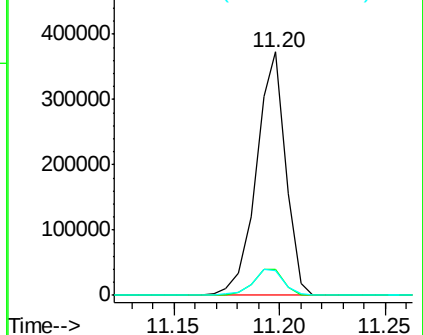
Tot Ion	Ratio	Resp Lower	Resp Upper
188	100		
94	10.7	9.4	14.2
80	10.1	10.2	15.2#

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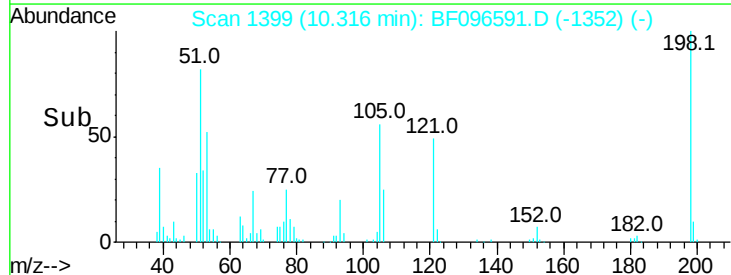
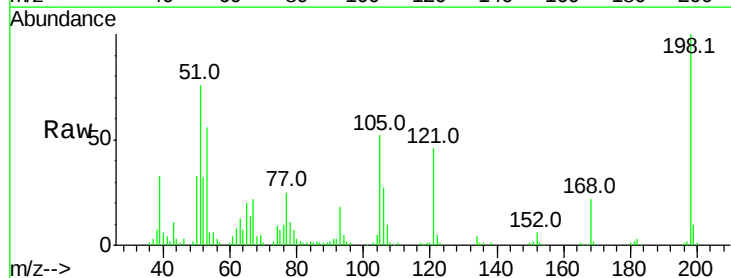
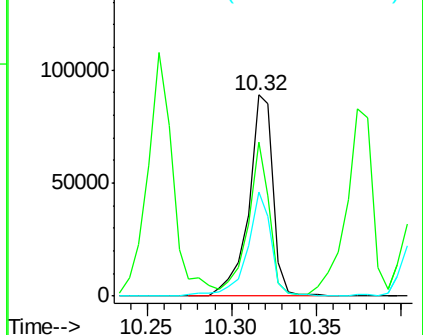
Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

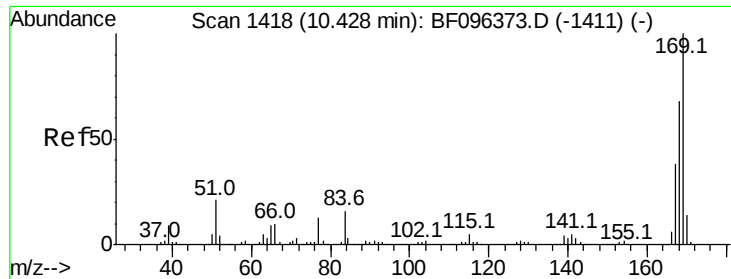


#64
4,6-Dinitro-2-methylphenol
Concen: 36.27 ng
RT: 10.32 min Scan# 1399
Delta R.T. -0.02 min
Lab File: BF096591.D
Acq: 10 Jul 2017 10:45

Tgt Ion	Ratio	Resp Lower	Resp Upper
198	100		
51	76.4	53.2	93.2
105	52.0	45.8	85.8

Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BF0
Ion 105.00 (104.70 to 105.70): E





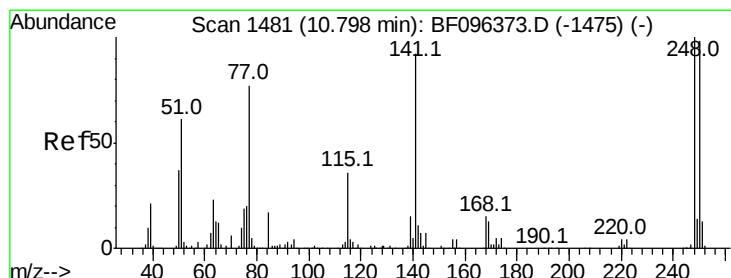
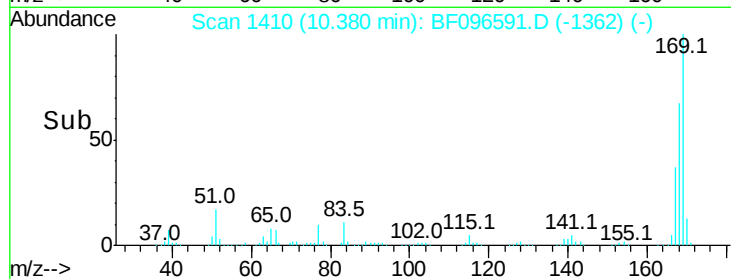
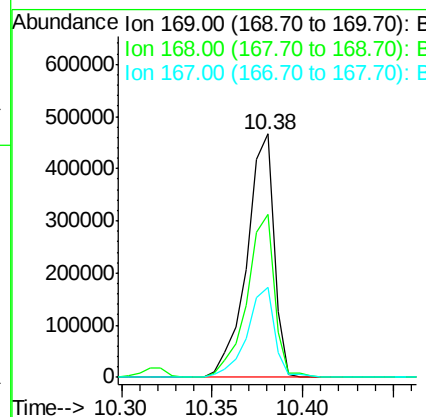
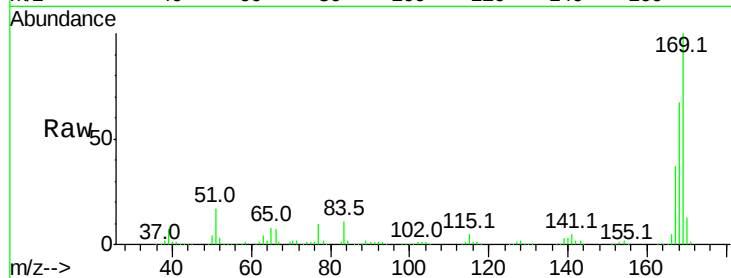
#65
 n-Nitrosodiphenylamine
 Concen: 38.54 ng
 RT: 10.38 min Scan# 1410
 Delta R.T. -0.02 min
 Lab File: BF096591.D
 Acq: 10 Jul 2017 10:45

Instrument :
 BNA_F
 ClientSampleId :
 PB100484BS

Tot Ion	Ratio	Lower	Upper
169	100		
168	67.2	53.2	79.8
167	36.8	29.5	44.3

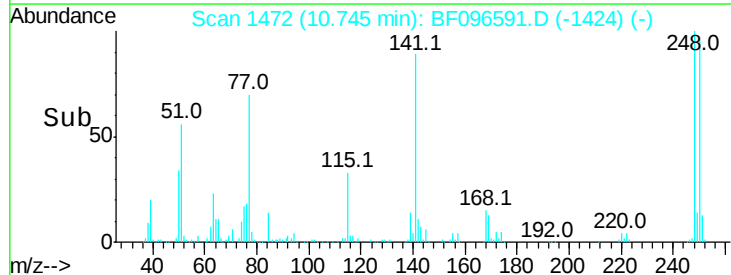
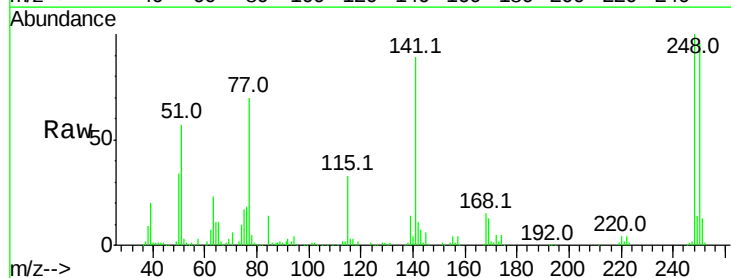
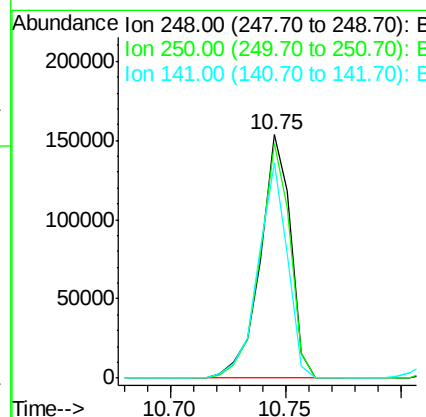
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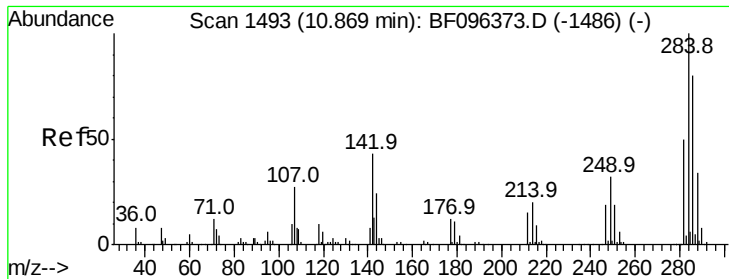
mohammad
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#66
 4-Bromophenyl-phenylether
 Concen: 40.06 ng
 RT: 10.75 min Scan# 1472
 Delta R.T. -0.02 min
 Lab File: BF096591.D
 Acq: 10 Jul 2017 10:45

Tgt Ion	Ratio	Lower	Upper
248	100		
250	96.3	76.8	115.2
141	88.8	68.6	103.0





#67

Hexachlorobenzene

Concen: 38.63 ng

RT: 10.82 min Scan# 1484

Delta R.T. -0.02 min

Lab File: BF096591.D

Acq: 10 Jul 2017 10:45

Instrument :

BNA_F

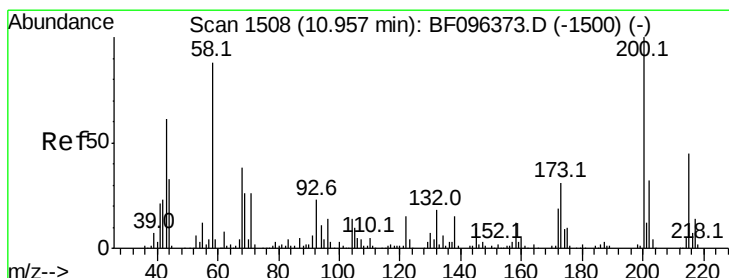
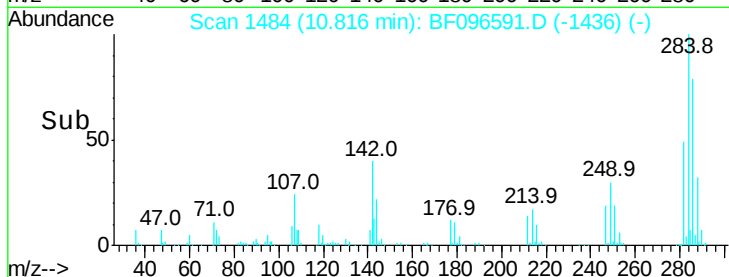
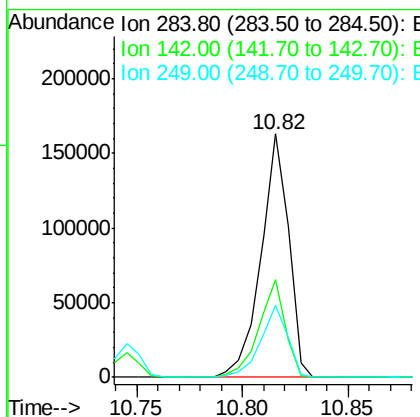
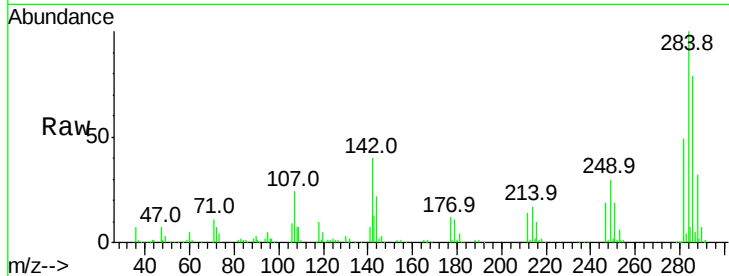
ClientSampleId :

PB100484BS

Tot Ion:	284	Resp:	148277
Ion Ratio		Lower	Upper
284	100		
142	40.1	22.8	34.2#
249	29.7	24.0	36.0

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#68

Atrazine

Concen: 39.69 ng

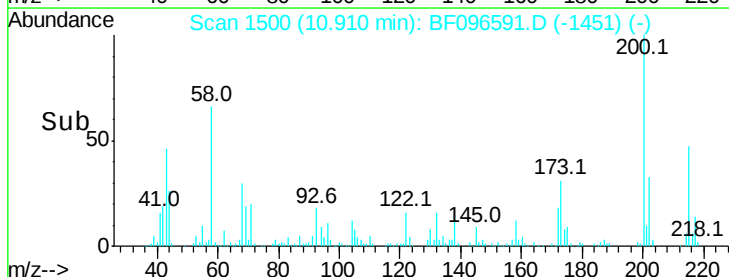
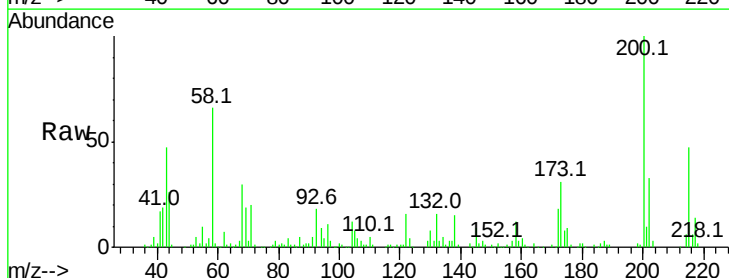
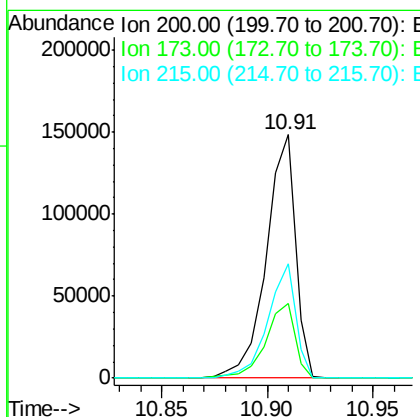
RT: 10.91 min Scan# 1500

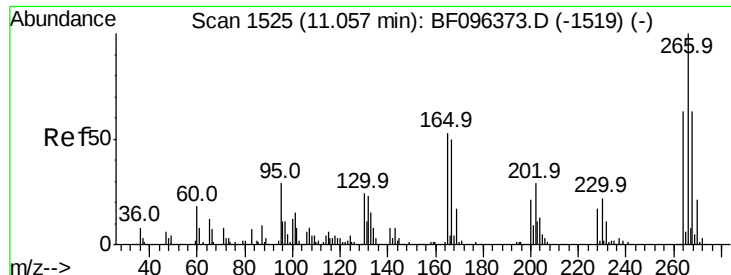
Delta R.T. -0.01 min

Lab File: BF096591.D

Acq: 10 Jul 2017 10:45

Tgt Ion:	200	Resp:	143299
Ion Ratio		Lower	Upper
200	100		
173	30.5	6.3	46.3
215	47.2	27.2	67.2





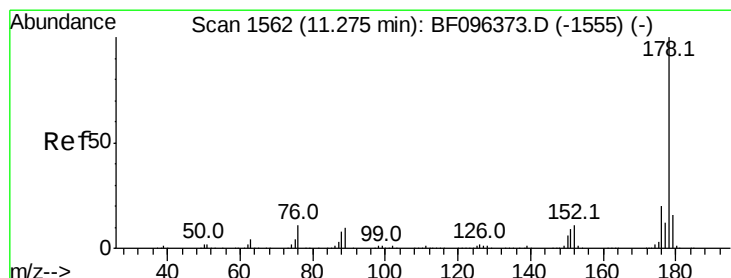
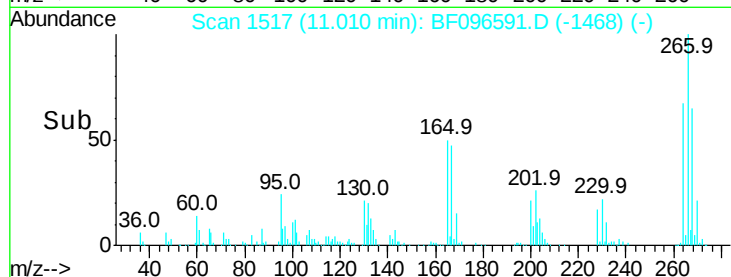
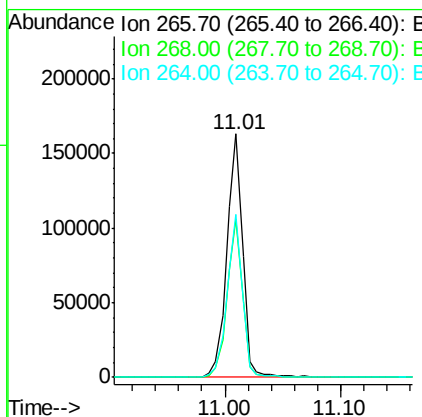
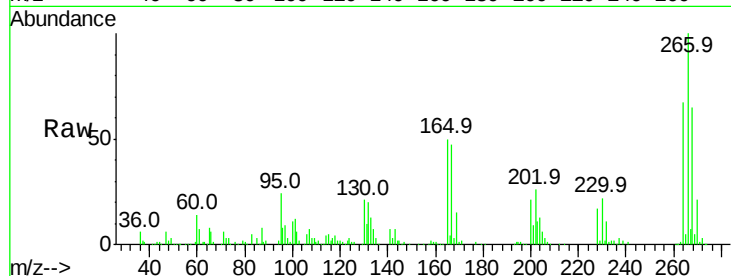
#69
 Pentachlorophenol
 Concen: 68.18 ng
 RT: 11.01 min Scan# 1517
 Delta R.T. -0.01 min
 Lab File: BF096591.D
 Acq: 10 Jul 2017 10:45

Instrument :
 BNA_F
 ClientSampleId :
 PB100484BS

Tot Ion	Ratio	Resp	Lower	Upper
266	100	155107		
268	65.0		51.1	76.7
264	67.2		51.7	77.5

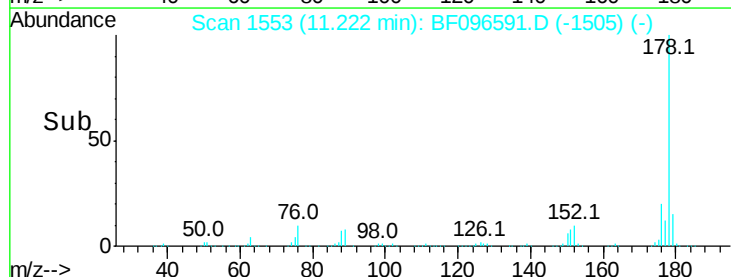
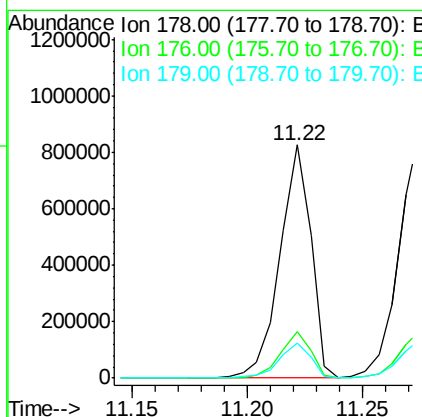
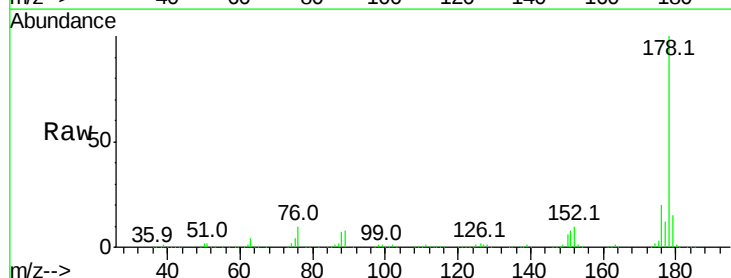
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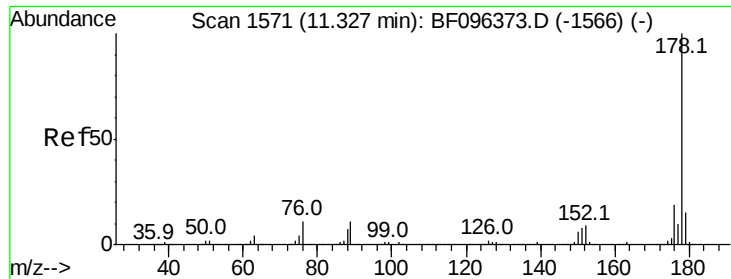
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#70
 Phenanthrene
 Concen: 39.33 ng
 RT: 11.22 min Scan# 1553
 Delta R.T. -0.02 min
 Lab File: BF096591.D
 Acq: 10 Jul 2017 10:45

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	765914		
176	19.9		16.2	24.4
179	15.2		12.6	19.0





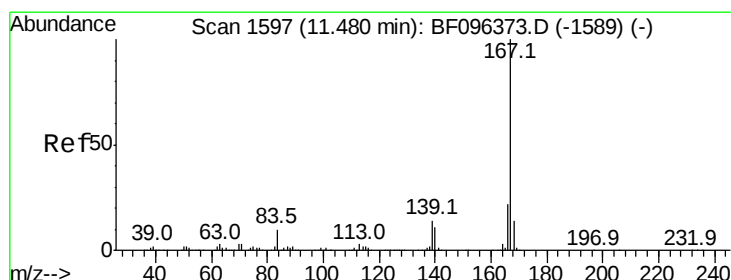
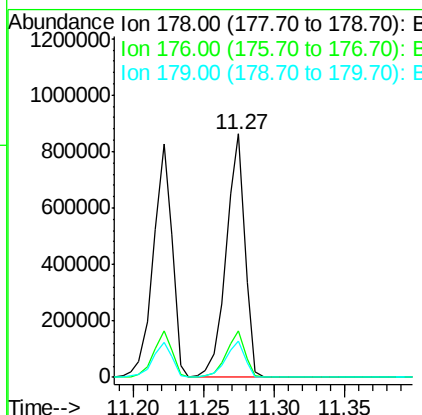
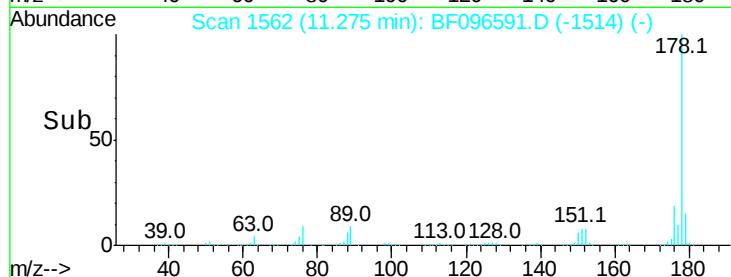
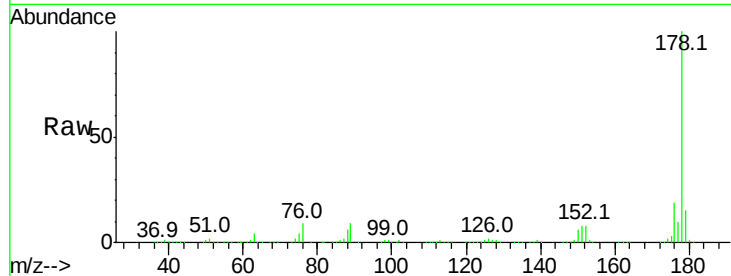
#71
 Anthracene
 Concen: 40.09 ng
 RT: 11.27 min Scan# 1562
 Delta R.T. -0.02 min
 Lab File: BF096591.D
 Acq: 10 Jul 2017 10:45

Instrument :
 BNA_F
 ClientSampleId :
 PB100484BS

Tot Ion	Ratio	Lower	Upper
178	100		
176	18.9	15.8	23.8
179	15.0	12.7	19.1

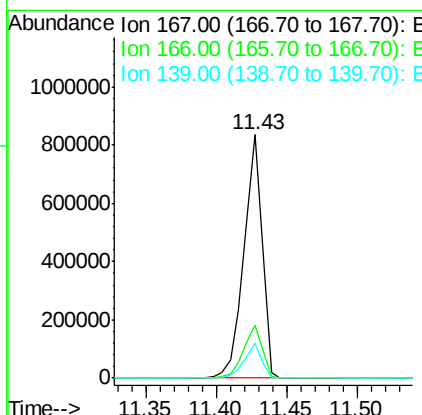
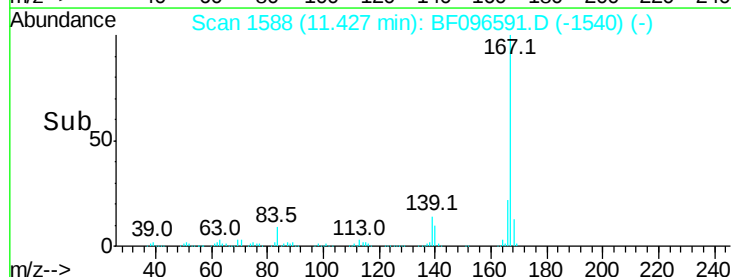
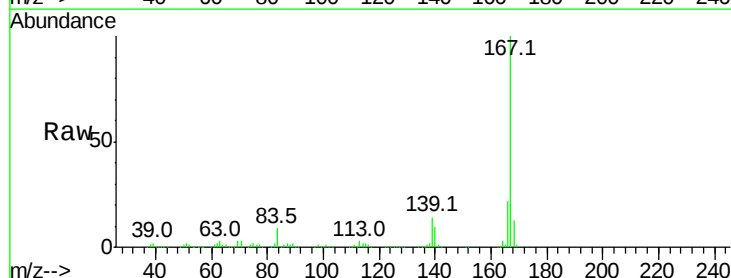
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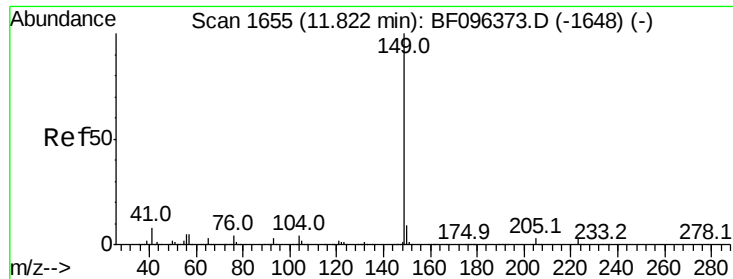
mohammad
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#72
 Carbazole
 Concen: 37.87 ng
 RT: 11.43 min Scan# 1588
 Delta R.T. -0.02 min
 Lab File: BF096591.D
 Acq: 10 Jul 2017 10:45

Tgt Ion	Ratio	Lower	Upper
167	100		
166	21.9	18.1	27.1
139	14.1	11.7	17.5





#73

Di-n-butylphthalate

Concen: 38.62 ng

RT: 11.77 min Scan# 1646

Delta R.T. -0.01 min

Lab File: BF096591.D

Acq: 10 Jul 2017 10:45

Instrument :

BNA_F

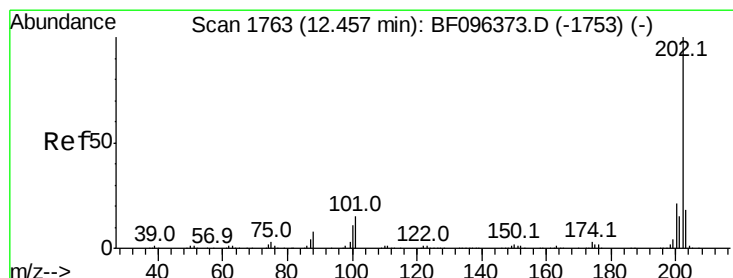
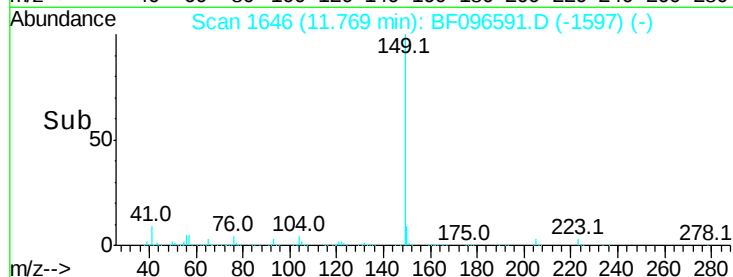
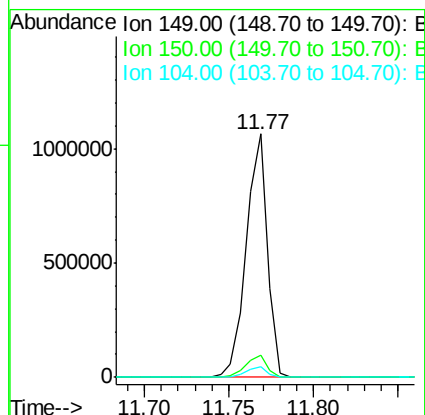
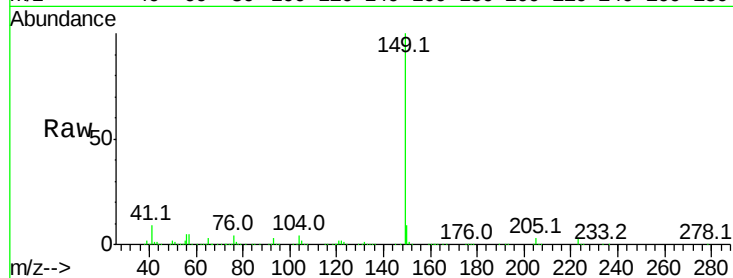
ClientSampleId :

PB100484BS

Tot Ion:	149	Resp:	933503
Ion Ratio	Lower	Upper	
149	100		
150	9.0	7.7	11.5
104	4.2	4.0	6.0

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#74

Fluoranthene

Concen: 41.73 ng

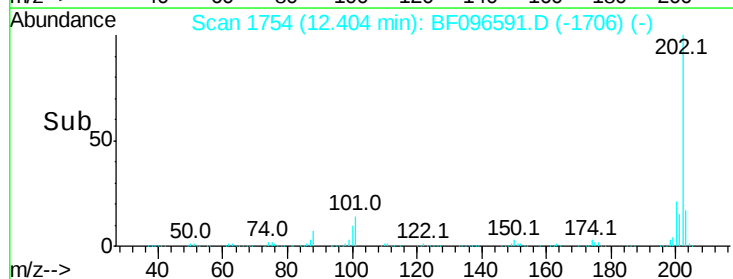
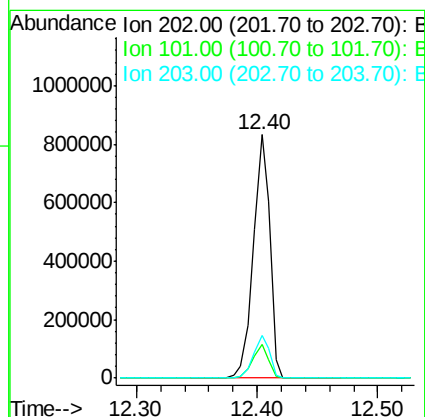
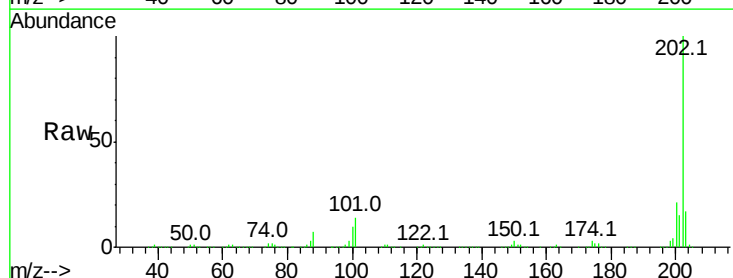
RT: 12.40 min Scan# 1754

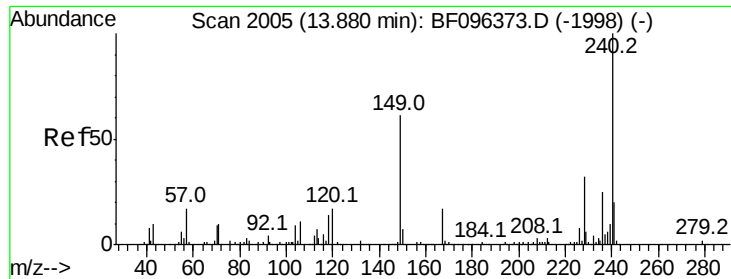
Delta R.T. -0.02 min

Lab File: BF096591.D

Acq: 10 Jul 2017 10:45

Tgt Ion:	202	Resp:	796573
Ion Ratio	Lower	Upper	
202	100		
101	13.7	0.0	33.2
203	17.3	0.0	38.1





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.83 min Scan# 1996

Delta R.T. -0.02 min

Lab File: BF096591.D

Acq: 10 Jul 2017 10:45

Instrument :

BNA_F

ClientSampleId :

PB100484BS

Tot Ion:240 Resp: 257259

Ion Ratio Lower Upper

240 100

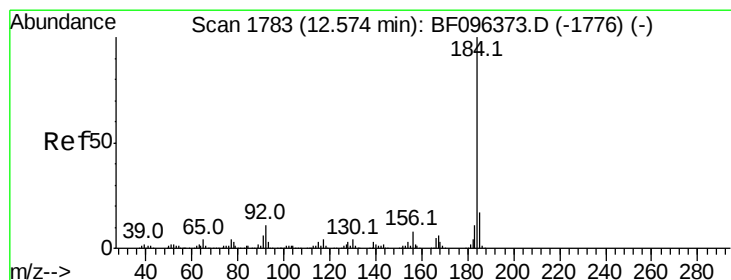
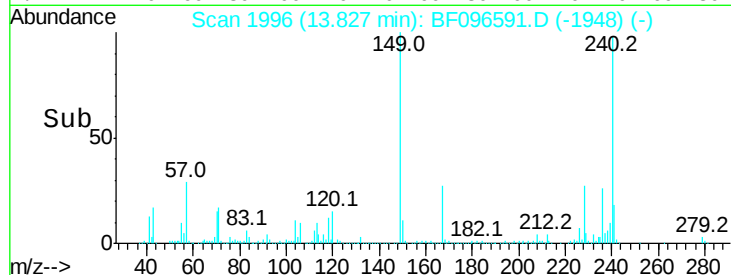
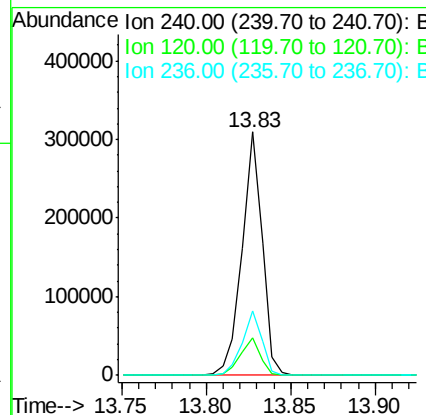
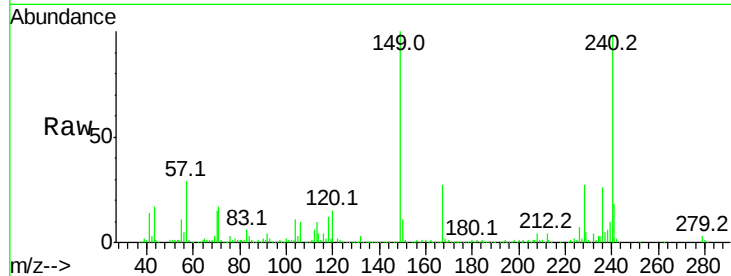
120 15.3 5.8 8.8#

236 26.3 20.5 30.7

Manual Integrations
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#76

Benzidine

Concen: 21.55 ng

RT: 12.52 min Scan# 1774

Delta R.T. -0.02 min

Lab File: BF096591.D

Acq: 10 Jul 2017 10:45

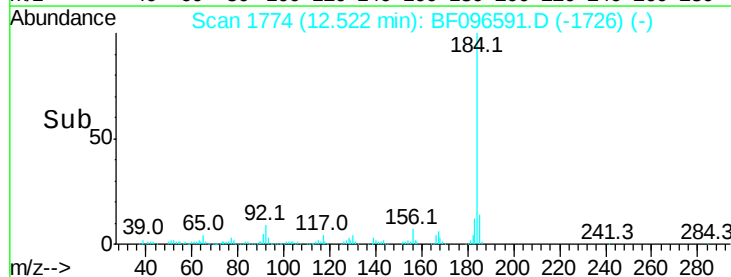
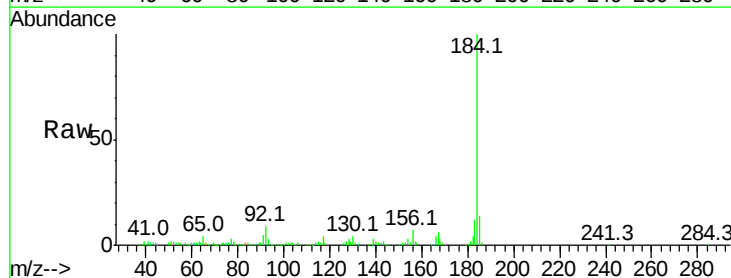
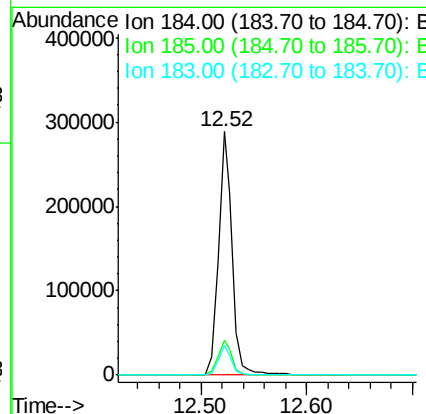
Tgt Ion:184 Resp: 265998

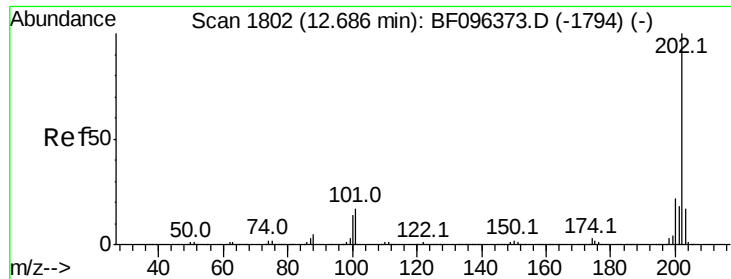
Ion Ratio Lower Upper

184 100

185 14.4 15.5 23.3#

183 12.1 9.8 14.6





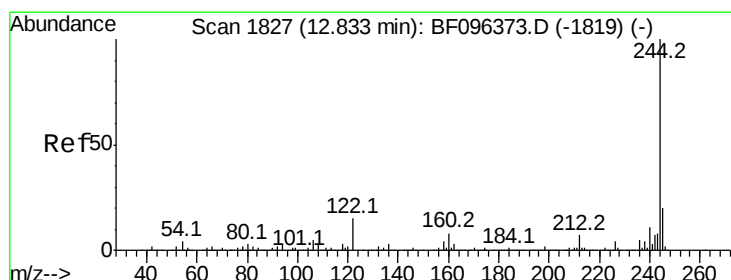
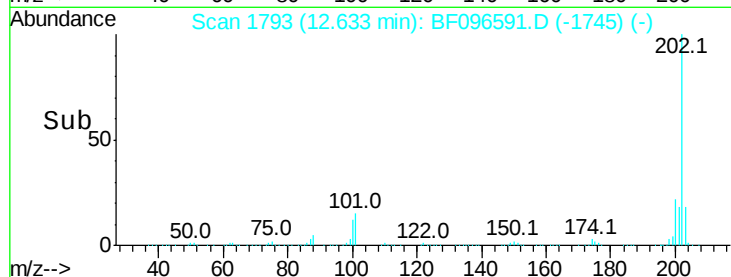
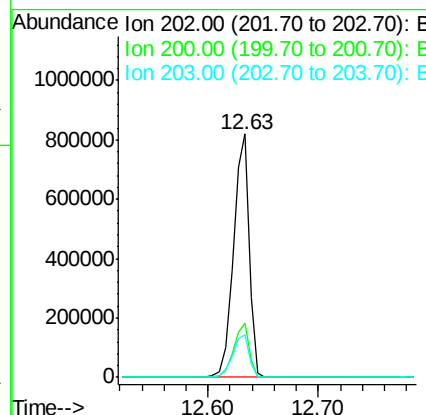
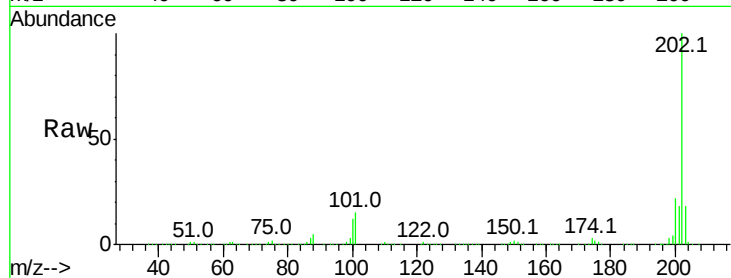
#77
Pvrene
Concen: 39.48 ng
RT: 12.63 min Scan# 1793
Delta R.T. -0.02 min
Lab File: BF096591.D
Acq: 10 Jul 2017 10:45

Instrument :
BNA_F
ClientSampled :
PB100484BS

Tot Ion	Ratio	Lower	Upper
202	100		
200	22.1	17.6	26.4
203	17.5	14.4	21.6

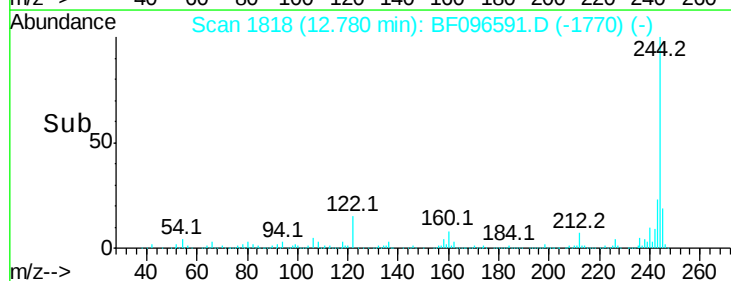
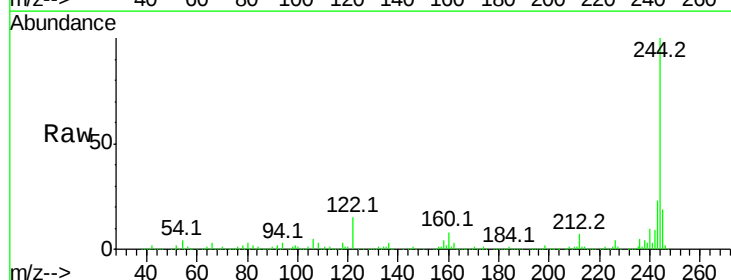
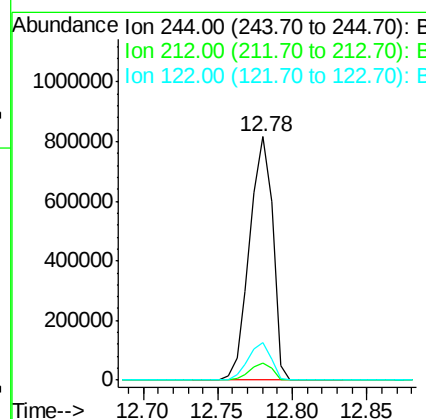
Manual Integrations
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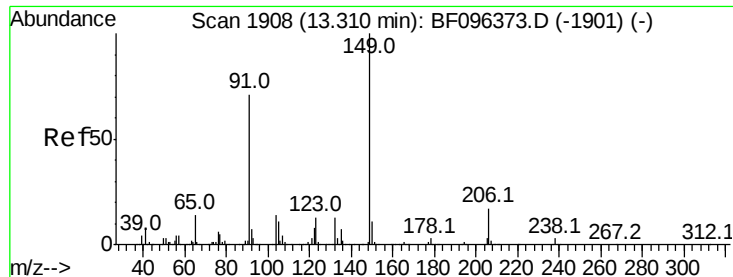
mohammad
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#78
Terphenyl-d14
Concen: 73.01 ng
RT: 12.78 min Scan# 1818
Delta R.T. -0.02 min
Lab File: BF096591.D
Acq: 10 Jul 2017 10:45

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.1	6.0	9.0
122	15.2	10.3	15.5





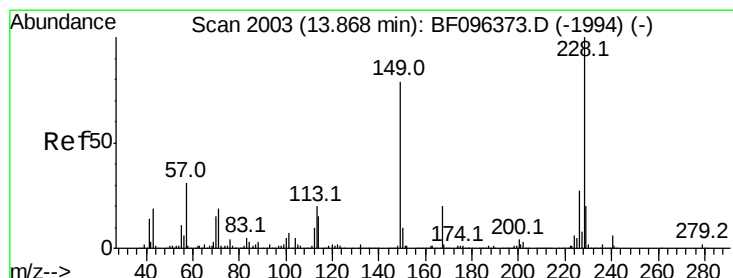
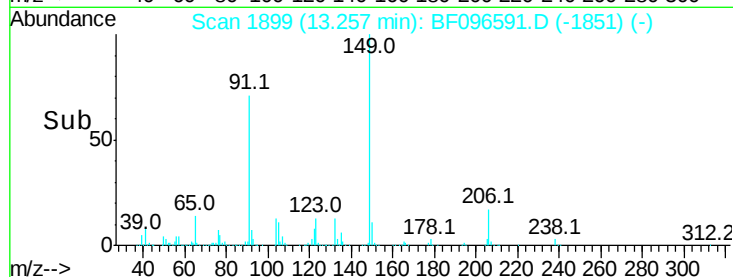
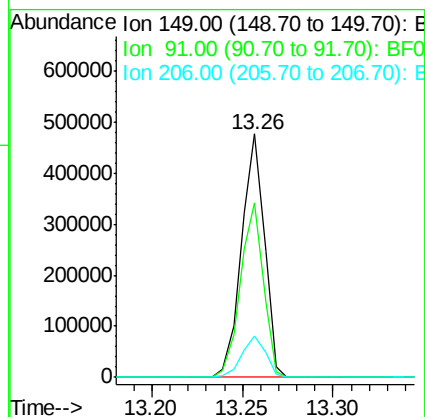
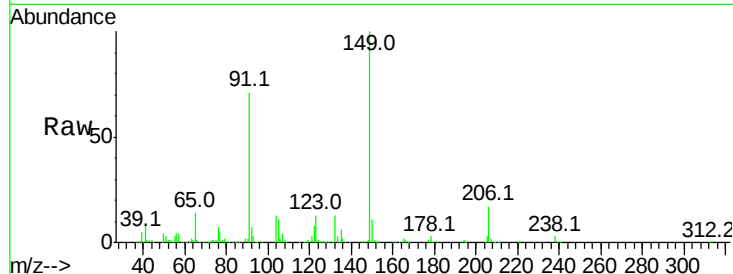
#79
Butylbenzylphthalate
Concen: 40.17 ng
RT: 13.26 min Scan# 1899
Delta R.T. -0.02 min
Lab File: BF096591.D
Acq: 10 Jul 2017 10:45

Instrument :
BNA_F
ClientSampleId :
PB100484BS

Tot Ion	Ratio	Resp	Lower	Upper
149	100	419858		
91	71.4	45.0	67.4#	
206	17.0	17.0	25.6#	

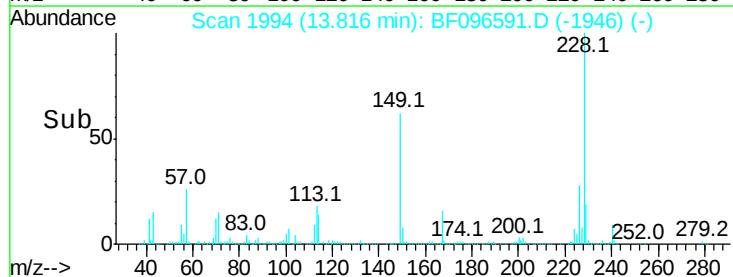
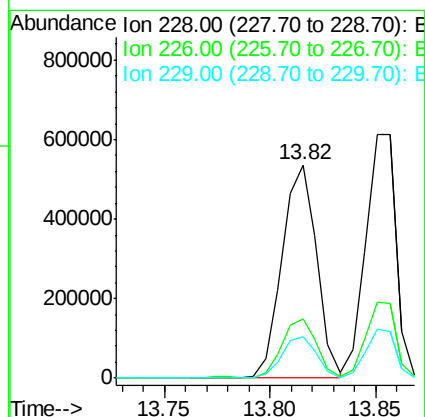
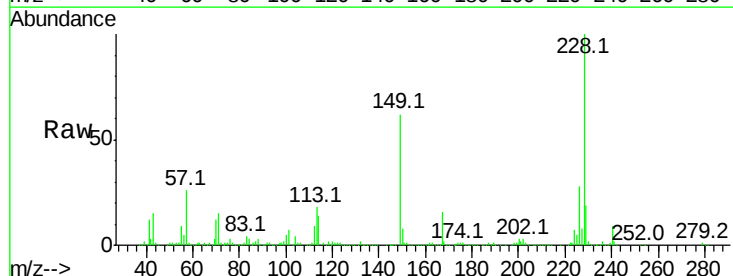
Manual Integrations
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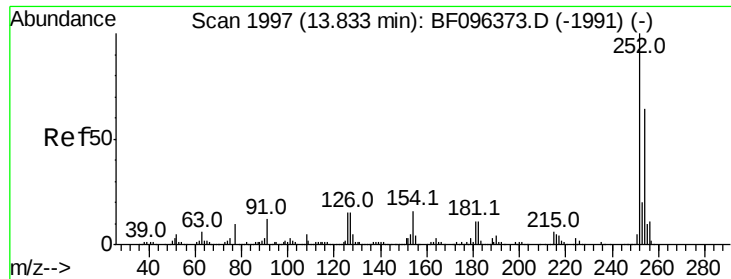
mohammad
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#80
Benzo(a)anthracene
Concen: 41.08 ng
RT: 13.82 min Scan# 1994
Delta R.T. -0.02 min
Lab File: BF096591.D
Acq: 10 Jul 2017 10:45

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	612005		
226	27.7	22.6	33.8	
229	19.2	16.3	24.5	





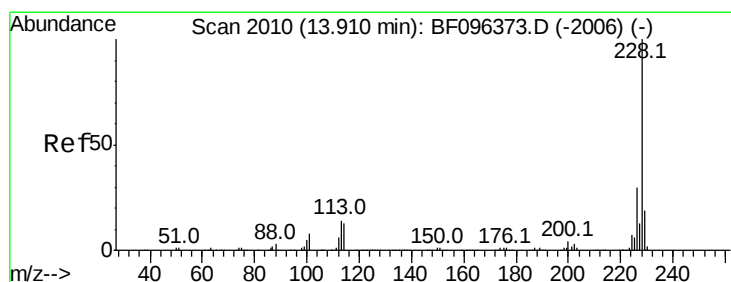
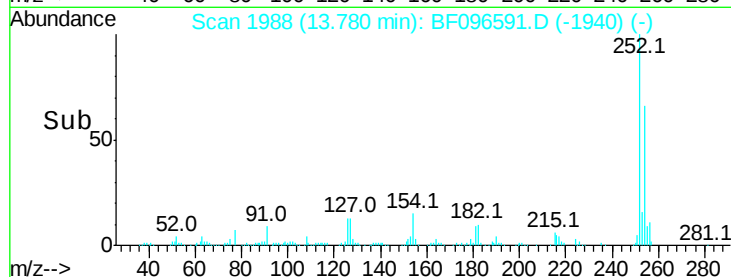
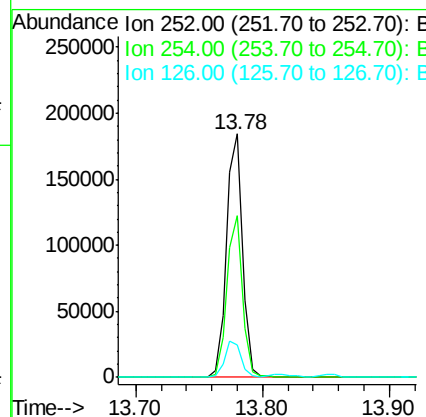
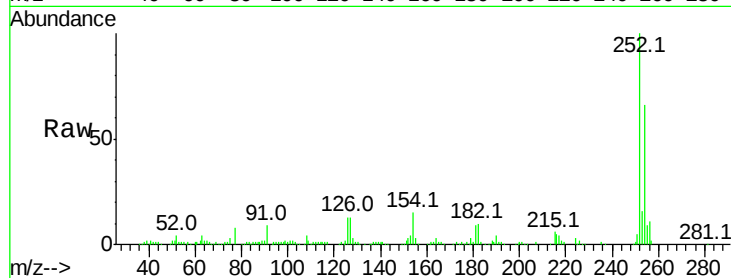
#81
 3,3'-Dichlorobenzidine
 Concen: 26.63 ng
 RT: 13.78 min Scan# 1988
 Delta R.T. -0.02 min
 Lab File: BF096591.D
 Acq: 10 Jul 2017 10:45

Instrument :
 BNA_F
 ClientSampleId :
 PB100484BS

Tot Ion	Ratio	Resp	Lower	Upper
252	100	162928		
254	66.4	51.5	77.3	
126	13.3	15.8	23.8	

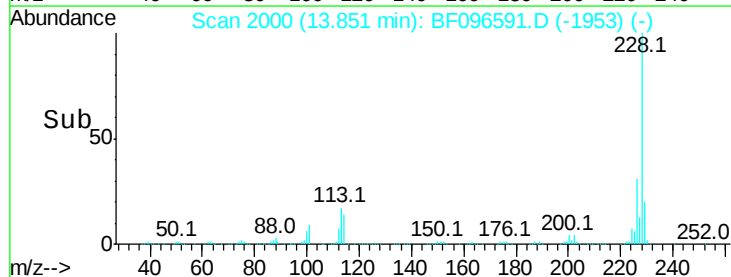
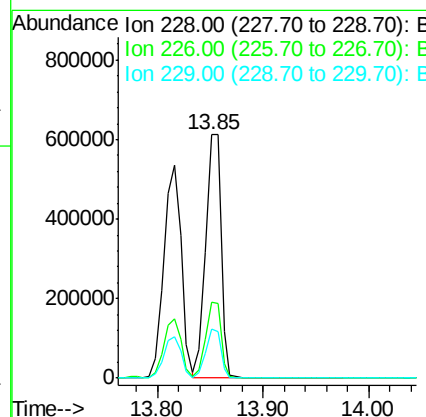
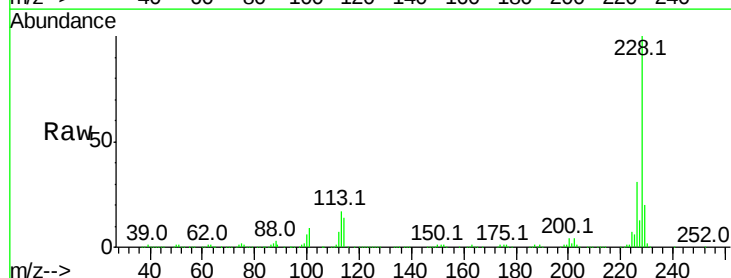
Manual Integrations
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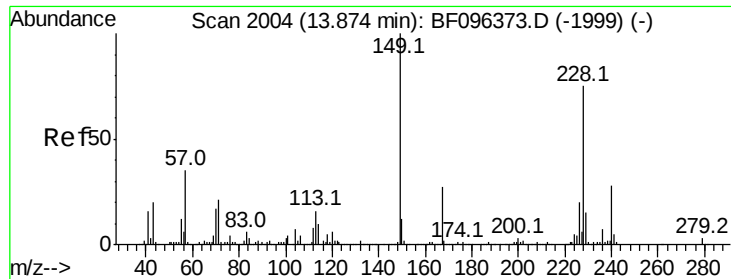
mohammad
 7/11/2017 1:34:59 PM



#82
 Chrysene
 Concen: 39.71 ng
 RT: 13.85 min Scan# 2000
 Delta R.T. -0.02 min
 Lab File: BF096591.D
 Acq: 10 Jul 2017 10:45

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	619447		
226	31.3	24.9	37.3	
229	20.1	15.8	23.6	





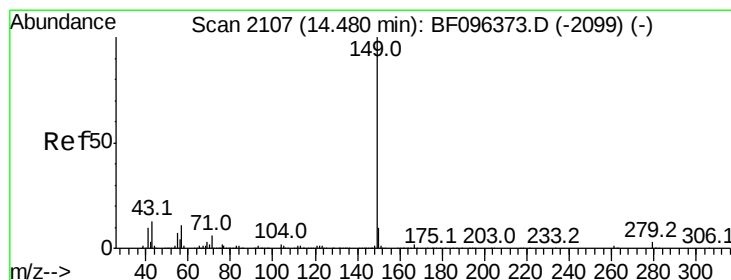
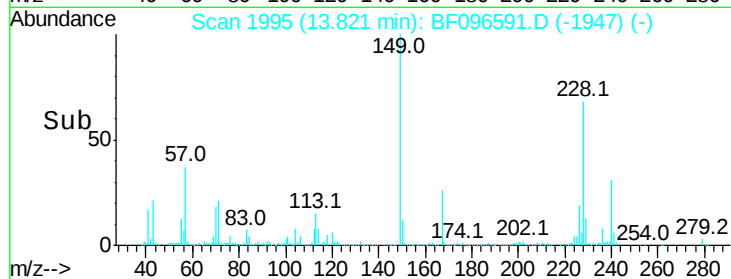
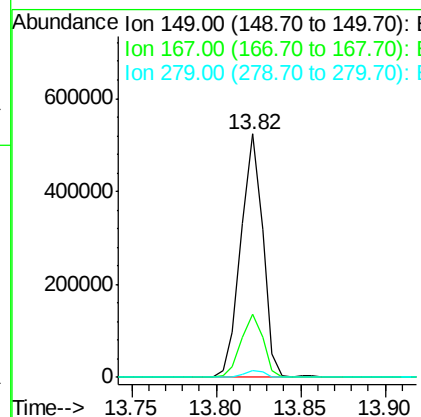
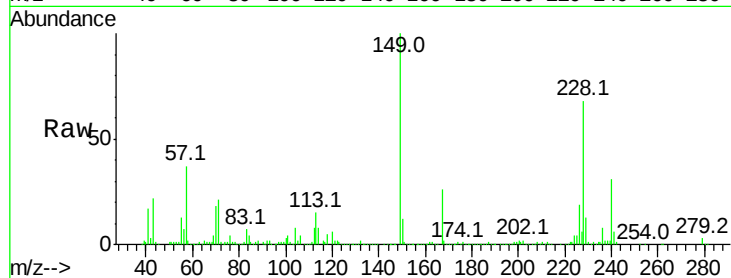
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 40.63 ng
 RT: 13.82 min Scan# 1995
 Delta R.T. -0.02 min
 Lab File: BF096591.D
 Acq: 10 Jul 2017 10:45

Instrument :
 BNA_F
 ClientSampleId :
 PB100484BS

Tot Ion:	149	Resp:	474110
Ion Ratio		Lower	Upper
149	100		
167	25.7	21.0	31.4
279	2.7	1.9	2.9

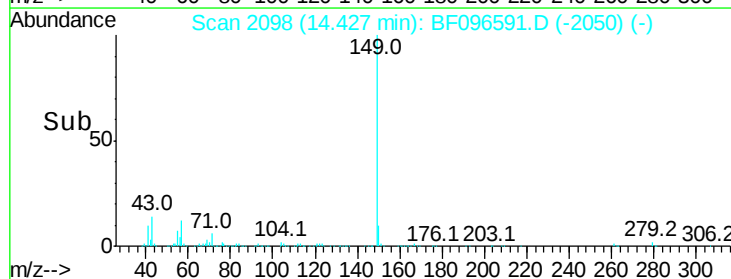
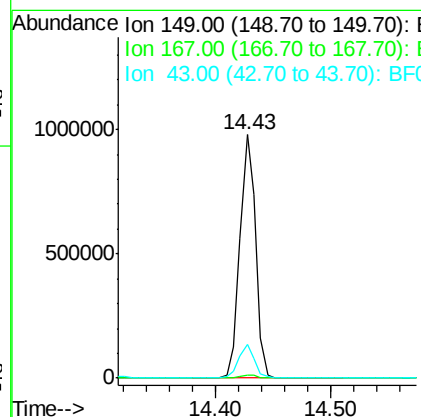
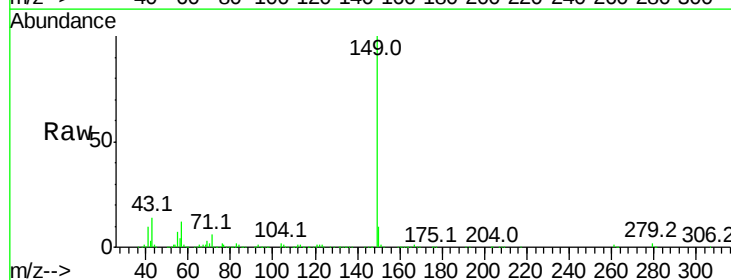
Manual Integrations
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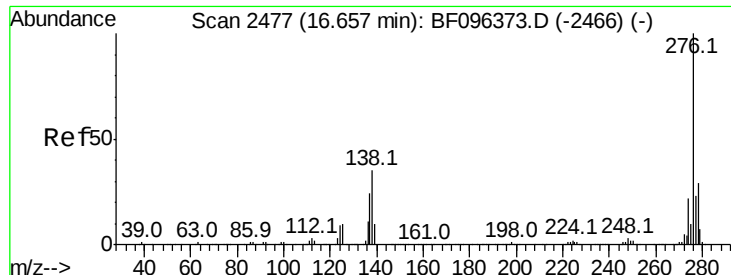
mohammad
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#84
 Di-n-octyl phthalate
 Concen: 40.12 ng
 RT: 14.43 min Scan# 2098
 Delta R.T. -0.02 min
 Lab File: BF096591.D
 Acq: 10 Jul 2017 10:45

Tgt Ion:	149	Resp:	921866
Ion Ratio		Lower	Upper
149	100		
167	1.5	1.2	1.8
43	13.0	8.5	12.7#





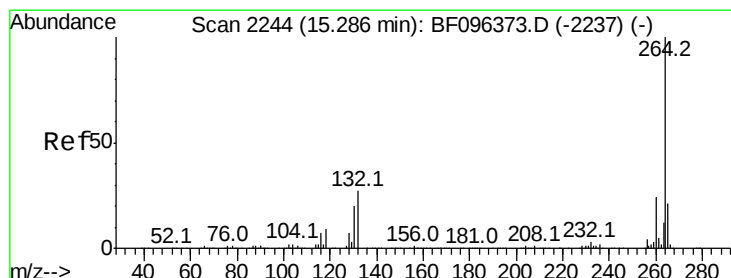
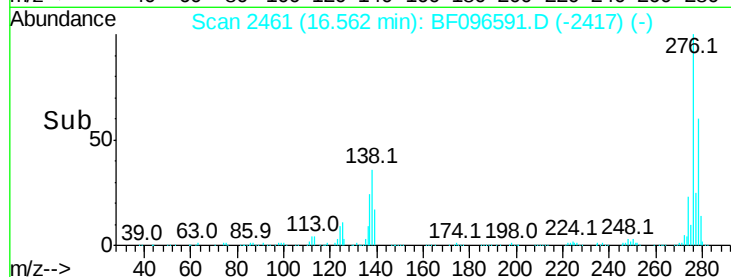
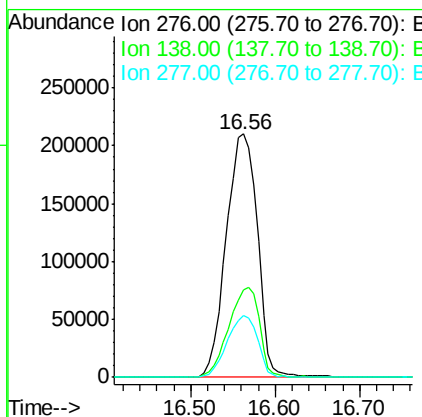
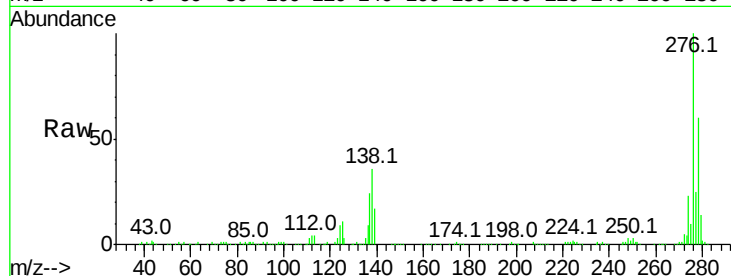
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 43.48 ng
 RT: 16.56 min Scan# 2461
 Delta R.T. -0.04 min
 Lab File: BF096591.D
 Acq: 10 Jul 2017 10:45

Instrument :
 BNA_F
 ClientSampleId :
 PB100484BS

Tot Ion	Ratio	Lower	Upper
276	100		
138	36.3	27.8	41.6
277	24.9	20.2	30.4

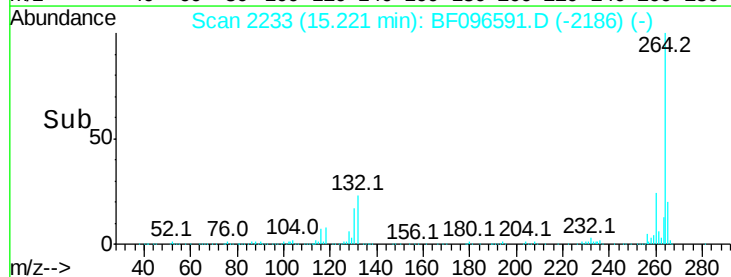
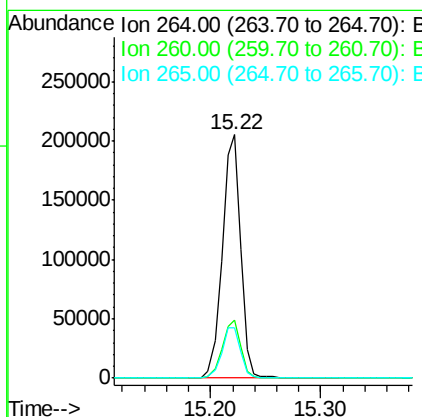
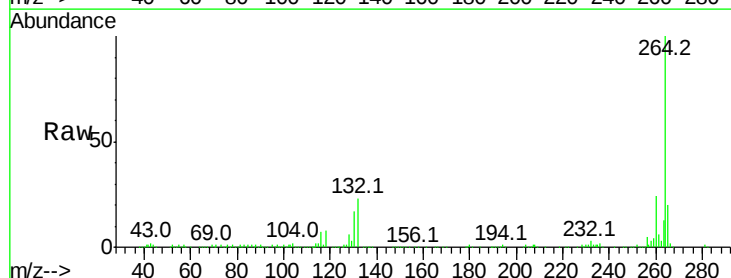
Manual Integrations
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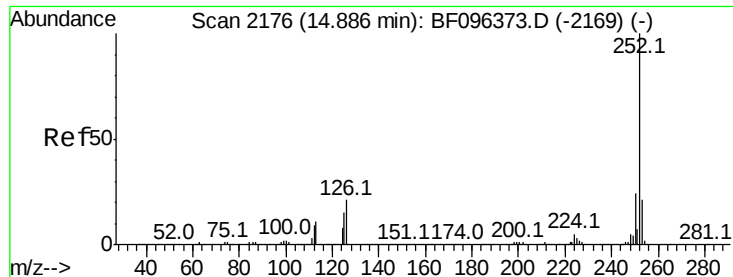
mohammad
 7/11/2017 1:34:59 PM



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.22 min Scan# 2233
 Delta R.T. -0.02 min
 Lab File: BF096591.D
 Acq: 10 Jul 2017 10:45

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.8	19.5	29.3
265	20.4	17.2	25.8





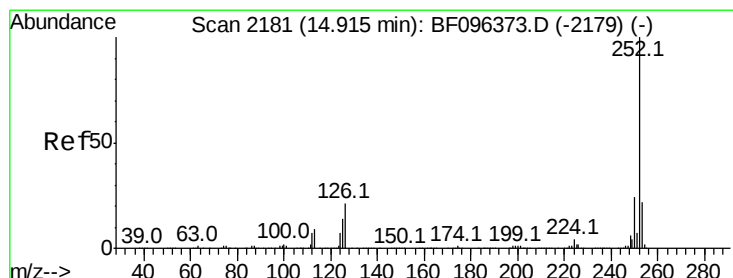
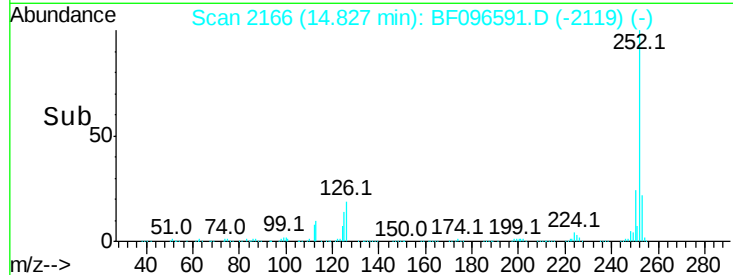
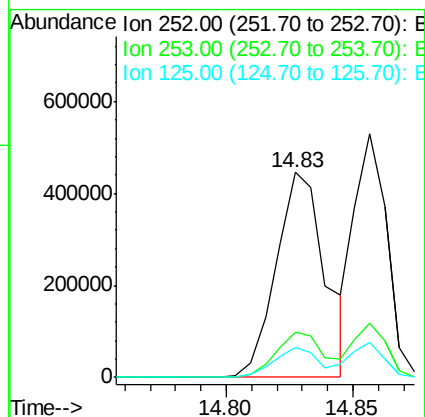
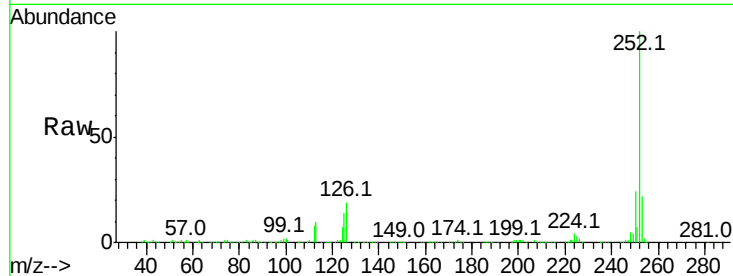
#87
Benzo(b)fluoranthene
Concen: 40.12 ng
RT: 14.83 min Scan# 2166
Delta R.T. -0.02 min
Lab File: BF096591.D
Acq: 10 Jul 2017 10:45

Instrument :
BNA_F
ClientSampleId :
PB100484BS

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.0	18.1	27.1
125	14.3	9.8	14.8

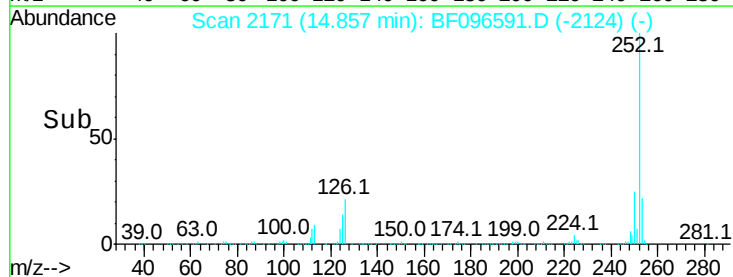
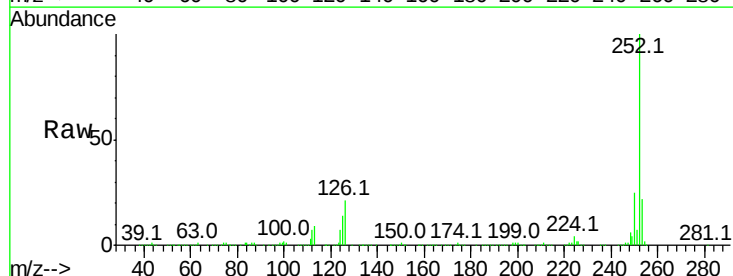
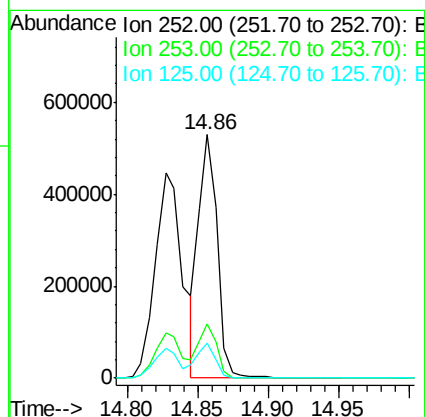
Manual Integrations
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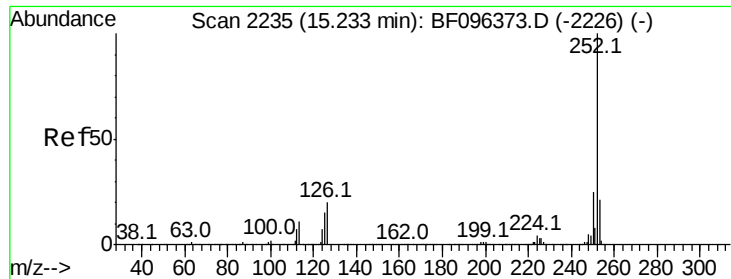
mohammad
7/11/2017 1:34:59 PM



#88
Benzo(k)fluoranthene
Concen: 36.17 ng
RT: 14.86 min Scan# 2171
Delta R.T. -0.02 min
Lab File: BF096591.D
Acq: 10 Jul 2017 10:45

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.2	18.4	27.6
125	14.1	13.1	19.7





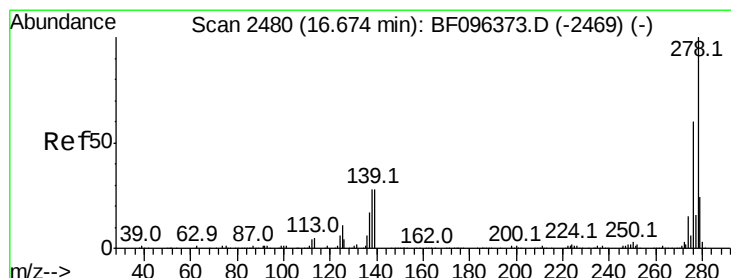
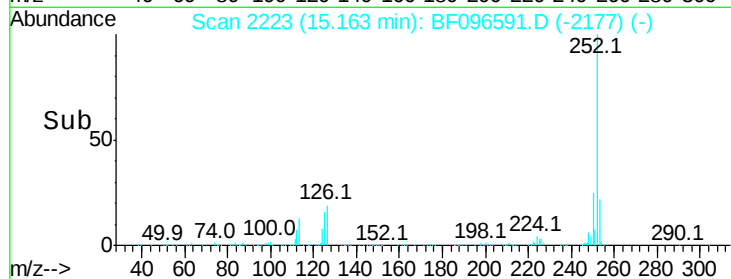
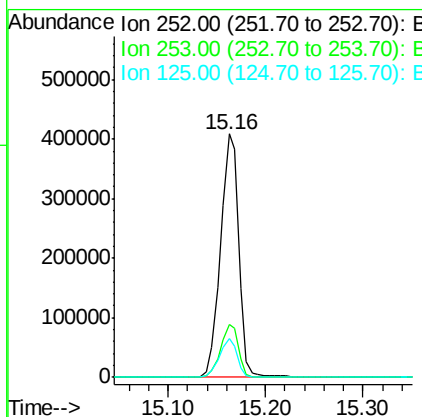
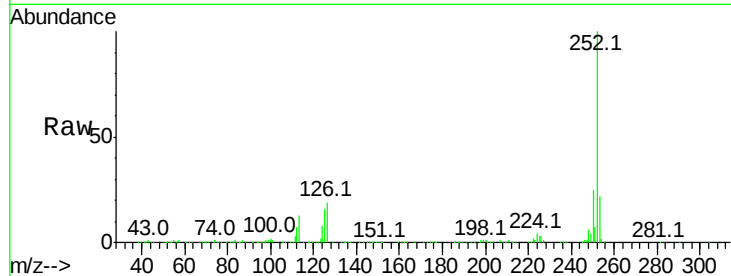
#89
Benzo(a)pyrene
Concen: 39.78 ng
RT: 15.16 min Scan# 2223
Delta R.T. -0.03 min
Lab File: BF096591.D
Acq: 10 Jul 2017 10:45

Instrument :
BNA_F
ClientSampleId :
PB100484BS

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.8	17.5	26.3
125	15.8	11.0	16.4

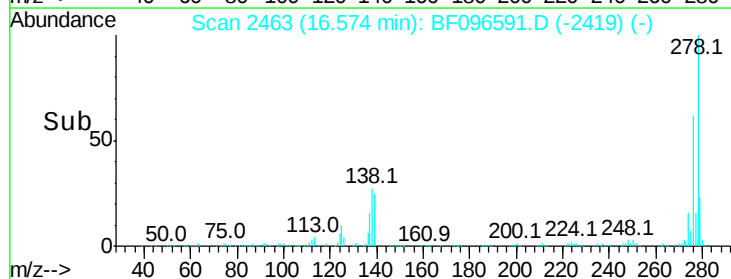
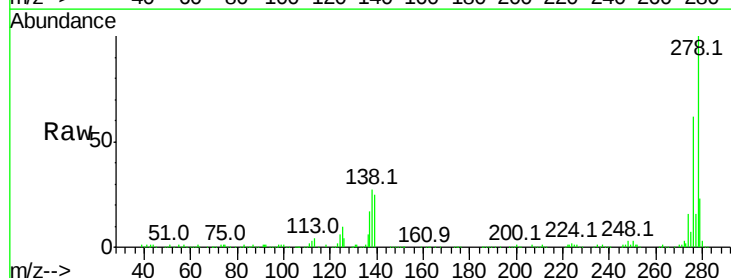
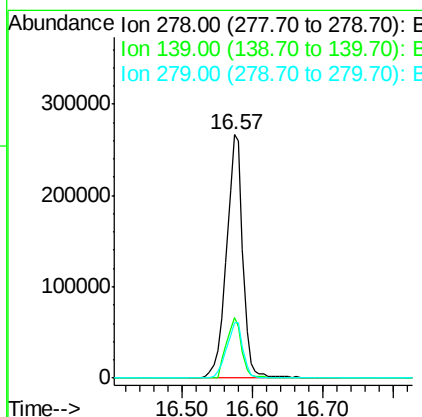
Manual Integrations
APPROVED

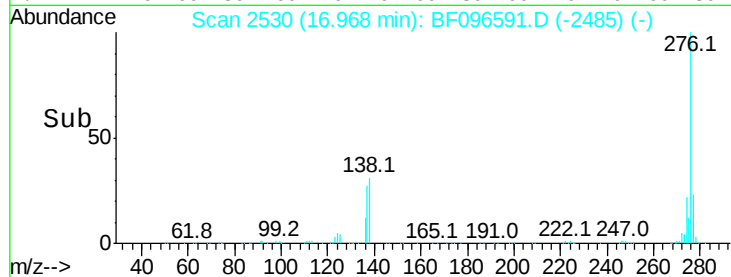
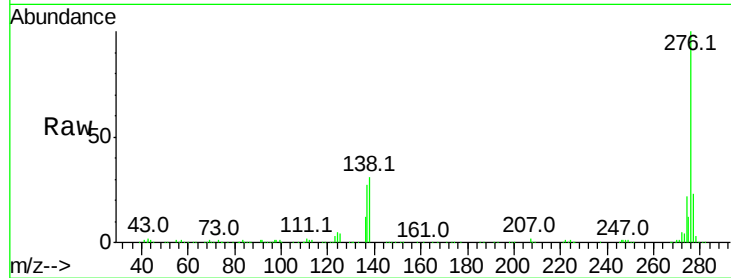
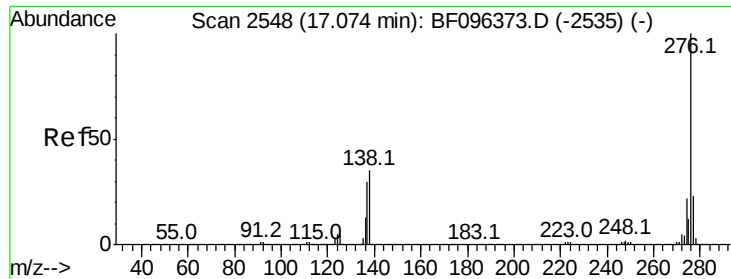
mohammad
7/11/2017 1:34:59 PM



#90
Dibenzo(a,h)anthracene
Concen: 41.16 ng
RT: 16.57 min Scan# 2463
Delta R.T. -0.04 min
Lab File: BF096591.D
Acq: 10 Jul 2017 10:45

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





#91
 Benzo(a,h,i)perylene
 Concen: 43.23 ng
 RT: 16.97 min Scan# 2530
 Delta R.T. -0.04 min
 Lab File: BF096591.D
 Acq: 10 Jul 2017 10:45

Instrument :
 BNA_F
 ClientSampleId :
 PB100484BS

Tot Ion	Ratio	Lower	Upper
276	100		
277	23.2	18.6	28.0
138	31.4	25.4	38.0

Manual Integrations
 APPROVED

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