

Data Path : Z:\HPCHEM1\BNA F\DATA\BF061917\
 Data File : BF096034.D
 Acq On : 20 Jun 2017 8:30
 Operator : SJ/MA
 Sample : PB99828BS
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB99828BS

Manual Integrations
 APPROVED

mohammad
 6/20/2017 4:29:55 PM

Quant Time: Jun 20 13:37:03 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF060517.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jun 16 17:12:03 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.31	152	60780	20.00	ng	-0.01
21) Naphthalene-d8	9.34	136	235221	20.00	ng	-0.02
38) Acenaphthene-d10	12.16	164	90254	20.00	ng	-0.02
63) Phenanthrene-d10	14.56	188	141214	20.00	ng	-0.01
75) Chrysene-d12	18.29	240	112118	20.00	ng	-0.01
86) Perylene-d12	19.96	264	93340	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.22	112	561097	147.10	ng	0.00
7) Phenol-d6	6.90	99	617130	135.14	ng	-0.01
23) Nitrobenzene-d5	8.23	82	352099	92.96	ng	-0.02
41) 2,4,6-Tribromophenol	13.46	330	95543	119.65	ng	-0.02
44) 2-Fluorobiphenyl	11.12	172	663090	102.24	ng	-0.02
78) Terphenyl-d14	16.94	244	461868	102.23	ng	-0.01

Target Compounds

						Qvalue
2) 1,4-Dioxane	1.68	88	64891	35.76	ng	# 87
3) Pyridine	2.23	79	156878	36.79	ng	97
4) n-Nitrosodimethylamine	2.19	42	71408	44.04	ng	83
6) Aniline	6.81	93	198374	33.21	ng	95
8) 2-Chlorophenol	7.00	128	193396	47.69	ng	95
9) Benzaldehyde	6.62	77	54949	17.84	ng	97
10) Phenol	6.92	94	232437	49.07	ng	89
11) bis(2-Chloroethyl)ether	6.96	93	178959	47.69	ng	97
12) 1,3-Dichlorobenzene	7.20	146	204930	44.64	ng	99
13) 1,4-Dichlorobenzene	7.33	146	210809	45.28	ng	98
14) 1,2-Dichlorobenzene	7.57	146	197511	46.02	ng	96
15) Benzyl Alcohol	7.62	79	139909	44.64	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.81	45	246546	46.76	ng	98
17) 2-Methylphenol	7.86	107	156562	46.00	ng	92
18) Hexachloroethane	8.08	117	52546	34.18	ng	# 79
19) n-Nitroso-di-n-propylamine	8.05	70	133072	45.98	ng	94
20) 3+4-Methylphenols	8.13	107	205517	47.57	ng	# 57
22) Acetophenone	8.00	105	262578	47.69	ng	# 83
24) Nitrobenzene	8.26	77	182590	45.13	ng	92
25) Isophorone	8.66	82	321298	45.43	ng	97
26) 2-Nitrophenol	8.77	139	50822	23.99	ng	94
27) 2,4-Dimethylphenol	8.93	122	159916	48.64	ng	98
28) bis(2-Chloroethoxy)methane	9.05	93	215349	46.20	ng	99
29) 2,4-Dichlorophenol	9.22	162	138501	43.74	ng	99
30) 1,2,4-Trichlorobenzene	9.27	180	149492	45.37	ng	99
31) Naphthalene	9.37	128	512189	43.39	ng	99
32) Benzoic acid	9.28	122	32894	19.42	ng	89
33) 4-Chloroaniline	9.54	127	143968	31.20	ng	# 92
34) Hexachlorobutadiene	9.59	225	77282	45.39	ng	98
35) Caprolactam	10.17	113	41259	43.79	ng	# 87
36) 4-Chloro-3-methylphenol	10.42	107	140853	42.49	ng	92
37) 2-Methylnaphthalene	10.50	142	340397	42.68	ng	98
39) 1,2,4,5-Tetrachlorobenzene	10.79	216	130010	48.13	ng	98
40) Hexachlorocyclopentadiene	10.75	237	3997	15.30	ng	89

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	11.02	196	78474	45.19	nq	99
43) 2,4,5-Trichlorophenol	11.13	196	75002	40.60	nq	97
45) 1,1'-Biphenyl	11.27	154	367153	49.36	nq	98
46) 2-Chloronaphthalene	11.29	162	277043	47.67	nq	96
47) 2-Nitroaniline	11.52	65	84779	49.85	nq	# 80
48) Acenaphthylene	11.93	152	418404	42.10	nq	98
49) Dimethylphthalate	11.83	163	335894	49.02	nq	99
50) 2,6-Dinitrotoluene	11.92	165	51500	34.45	nq	# 72
51) Acenaphthene	12.22	154	240039	41.82	nq	98
52) 3-Nitroaniline	12.19	138	83737	48.08	nq	90
53) 2,4-Dinitrophenol	12.52	184	125	6.61	nq	# 1
54) Dibenzofuran	12.50	168	371467	45.98	nq	98
55) 4-Nitrophenol	12.66	139	54403	55.04	nq	# 79
56) 2,4-Dinitrotoluene	12.60	165	61924	30.67	nq	# 88
57) Fluorene	13.06	166	288635	41.06	nq	100
58) 2,3,4,6-Tetrachlorophenol	12.77	232	52284	41.37	nq	# 87
59) Diethylphthalate	12.97	149	315045	47.77	nq	98
60) 4-Chlorophenyl-phenylether	13.09	204	132897	43.47	nq	90
61) 4-Nitroaniline	13.19	138	75204	46.25	nq	95
62) Azobenzene	13.34	77	266775	44.63	nq	94
65) n-Nitrosodiphenylamine	13.30	169	246755	48.63	nq	98
66) 4-Bromophenyl-phenylether	13.86	248	70360	47.94	nq	99
67) Hexachlorobenzene	13.95	284	69094	47.78	nq	# 88
68) Atrazine	14.22	200	64607	45.75	nq	97
69) Pentachlorophenol	14.33	266	25079	48.56	nq	94
70) Phenanthrene	14.59	178	370174	45.43	nq	99
71) Anthracene	14.68	178	387082	45.50	nq	98
72) Carbazole	14.99	167	355574	42.89	nq	97
73) Di-n-butylphthalate	15.57	149	445679	50.53	nq	98
74) Fluoranthene	16.38	202	373623	46.33	nq	99
76) Benzidine	16.62	184	273201	63.45	nq	# 93
77) Pyrene	16.69	202	384893	46.01	nq	99
79) Butylbenzylphthalate	17.60	149	178292	48.80	nq	# 85
80) Benzo(a)anthracene	18.27	228	306679	47.05	nq	99
81) 3,3'-Dichlorobenzidine	18.26	252	110223	47.56	nq	# 96
82) Chrysene	18.32	228	293916	45.12	nq	100
83) Bis(2-ethylhexyl)phthalate	18.36	149	255823	49.64	nq	# 99
84) Di-n-octyl phthalate	19.13	149	440215	51.84	nq	96
85) Indeno(1,2,3-cd)pyrene	21.11	276	238190	42.73	nq	99
87) Benzo(b)fluoranthene	19.55	252	259629	44.42	nq	98
88) Benzo(k)fluoranthene	19.58	252	267041m	47.80	nq	
89) Benzo(a)pyrene	19.90	252	250320	46.60	nq	98
90) Dibenzo(a,h)anthracene	21.11	278	201995	44.33	nq	95
91) Benzo(g,h,i)perylene	21.44	276	199270	42.89	nq	96

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

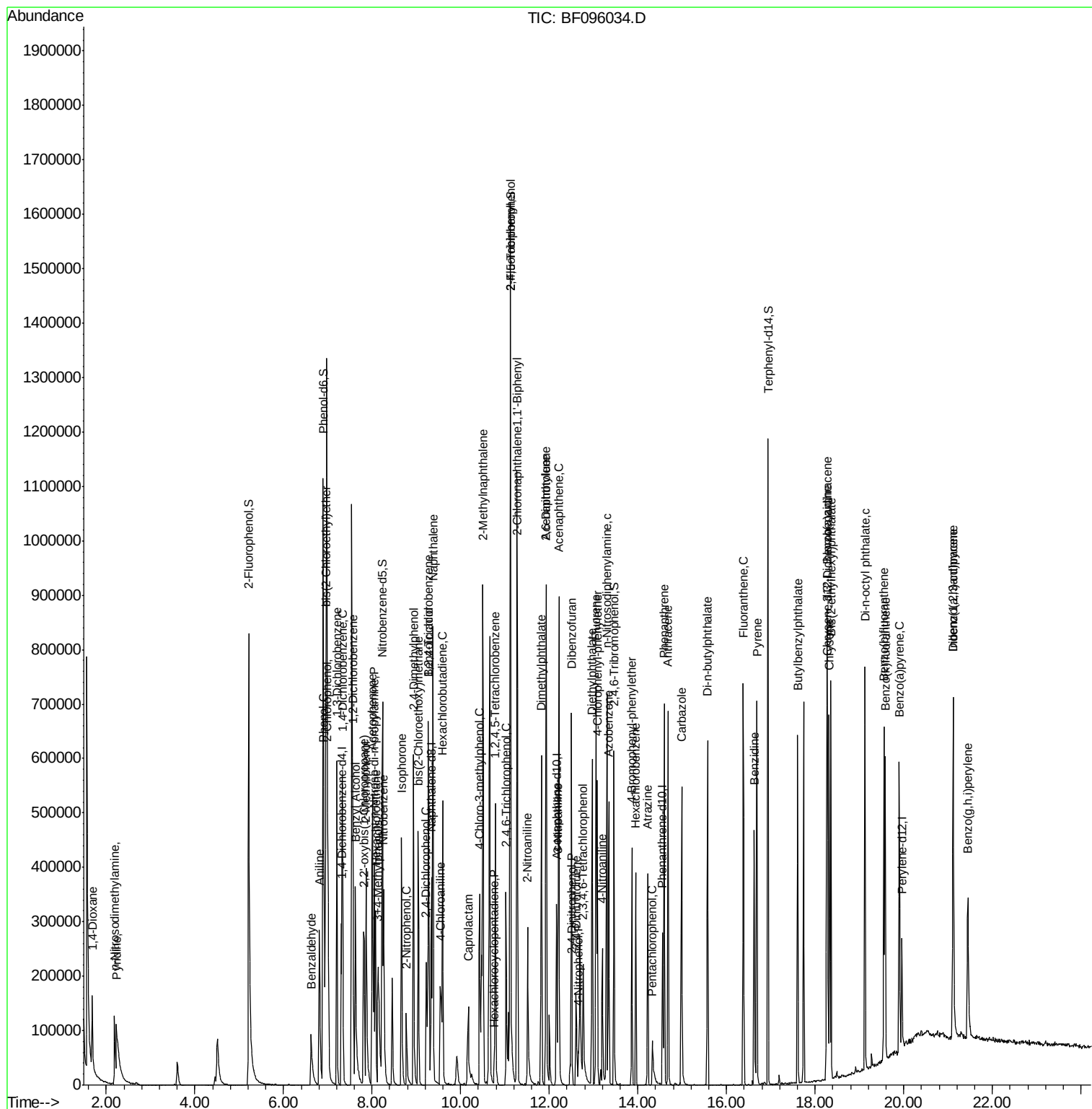
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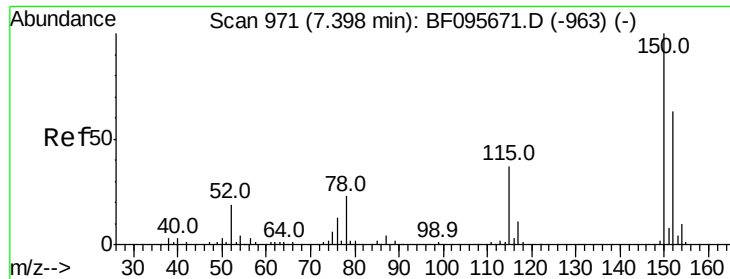
Instrument :
BNA_F
ClientSampled :
PB99828BS

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.31 min Scan# 990

Delta R.T. -0.01 min

Lab File: BF096034.D

Acq: 20 Jun 2017 8:30

Instrument :

BNA_F

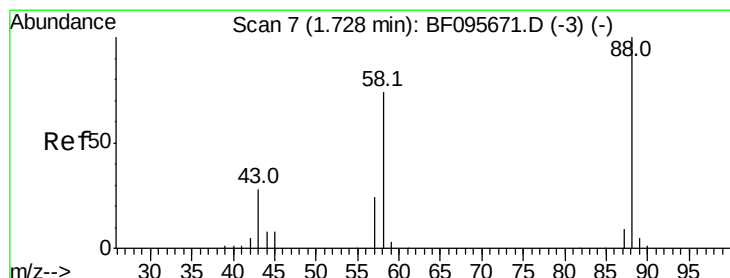
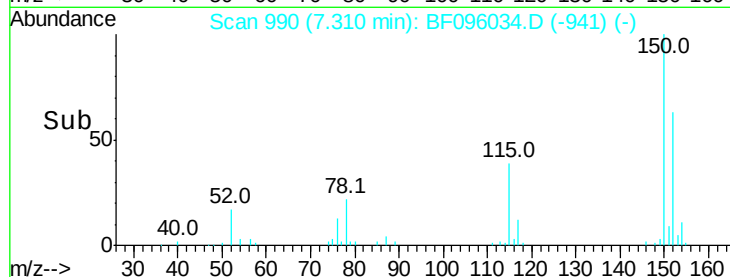
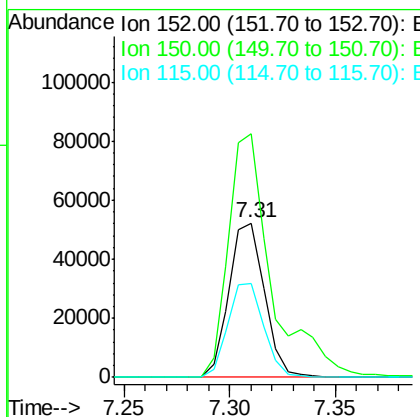
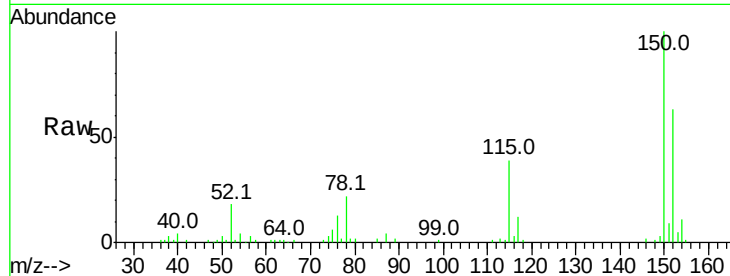
ClientSampleId :

PB99828BS

Tot Ion:	152	Resp:	60780
Ion Ratio	Lower	Upper	
152	100		
150	157.6	126.2	189.2
115	61.0	52.2	78.2

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#2

1,4-Dioxane

Concen: 35.76 ng

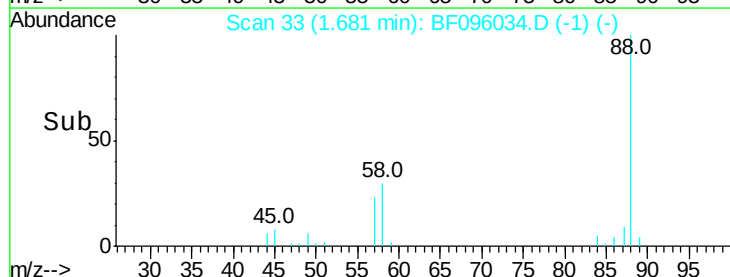
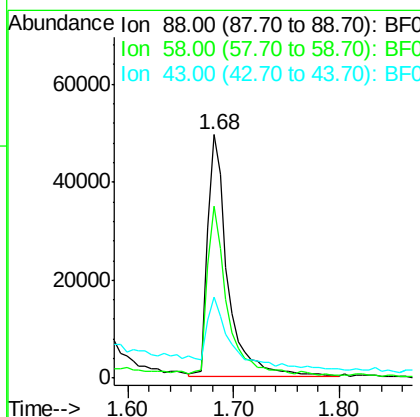
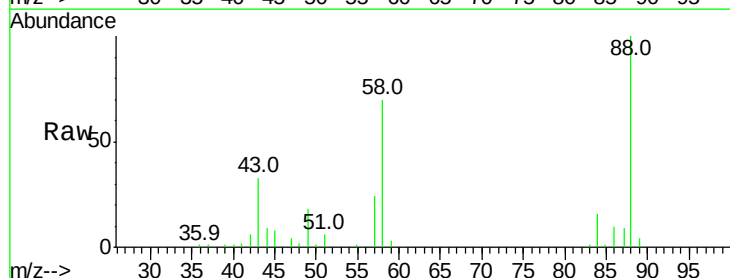
RT: 1.68 min Scan# 33

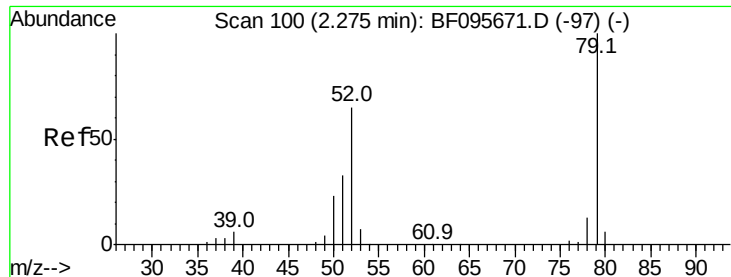
Delta R.T. 0.05 min

Lab File: BF096034.D

Acq: 20 Jun 2017 8:30

Tgt Ion:	88	Resp:	64891
Ion Ratio	Lower	Upper	
88	100		
58	67.0	61.4	92.0
43	39.5	23.4	35.0#





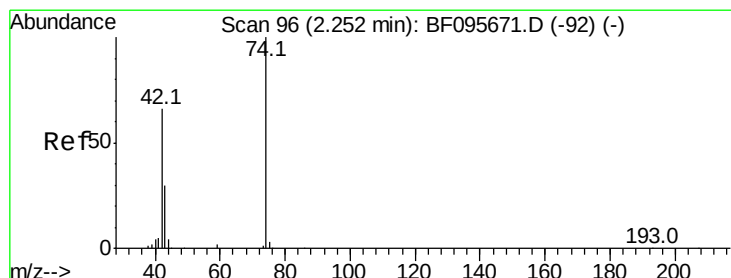
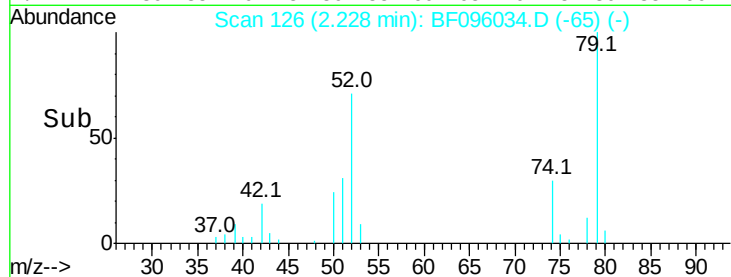
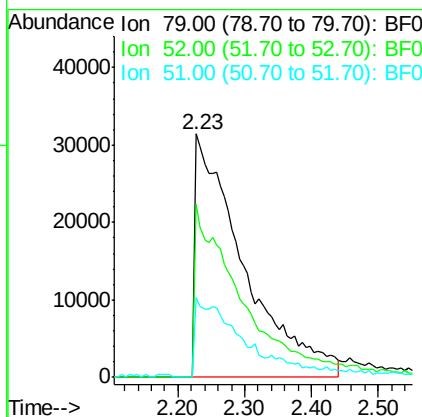
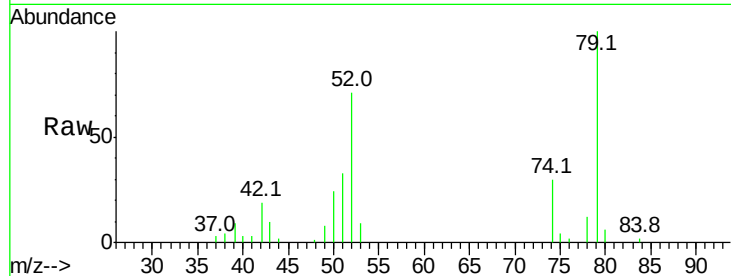
#3
 Pvridine
 Concen: 36.79 ng
 RT: 2.23 min Scan# 126
 Delta R.T. 0.06 min
 Lab File: BF096034.D
 Acq: 20 Jun 2017 8:30

Instrument :
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 ClientSampleId :
 PB99828BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
79	79	100	156878		
52	52	71.1		54.8	82.2
51	51	32.7		27.0	40.4

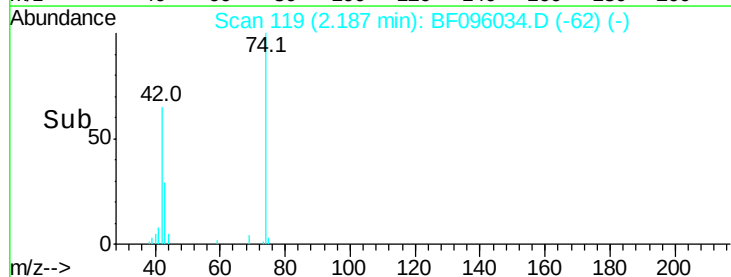
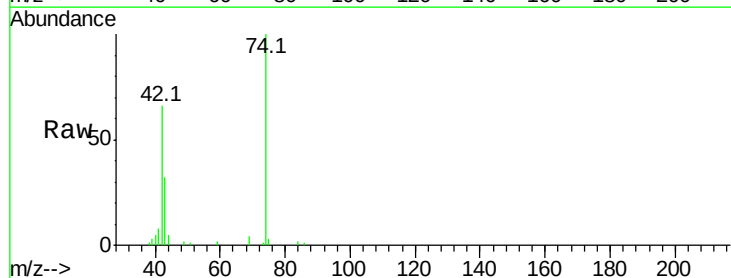
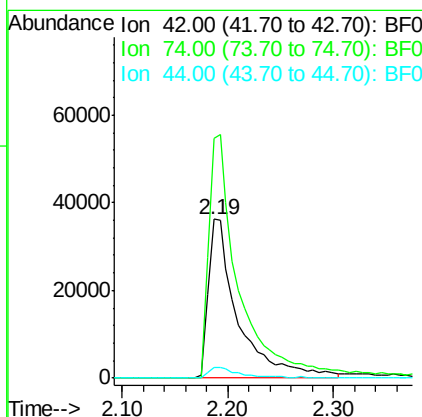
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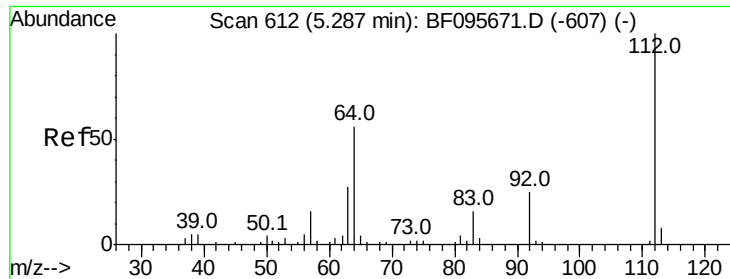
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#4
 n-Nitrosodimethylamine
 Concen: 44.04 ng
 RT: 2.19 min Scan# 119
 Delta R.T. 0.04 min
 Lab File: BF096034.D
 Acq: 20 Jun 2017 8:30

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
42	42	100	71408		
74	74	151.3		103.9	155.9
44	44	6.9		5.7	8.5





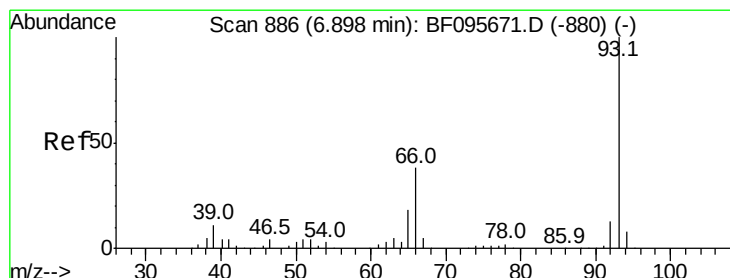
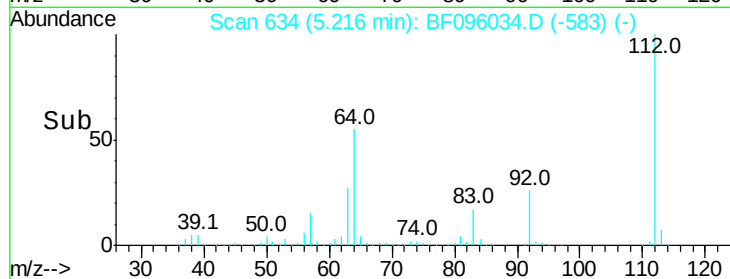
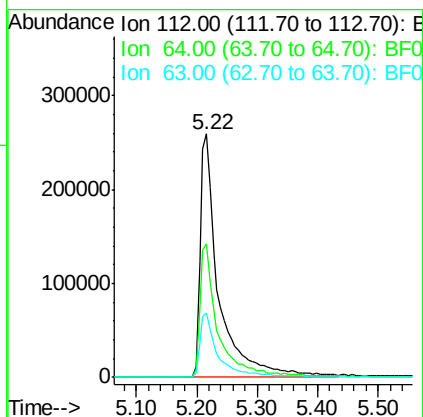
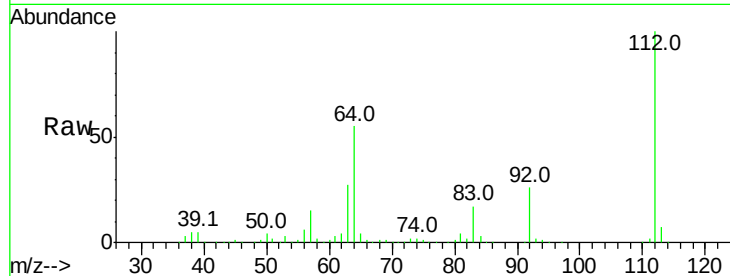
#5
2-Fluorophenol
Concen: 147.10 ng
RT: 5.22 min Scan# 634
Delta R.T. 0.00 min
Lab File: BF096034.D
Acq: 20 Jun 2017 8:30

Instrument :
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ClientSampleId :
PB99828BS

Tot Ion	Ratio	Resp Lower	Upper
112	100		
64	54.6	46.0	69.0
63	26.6	23.4	35.0

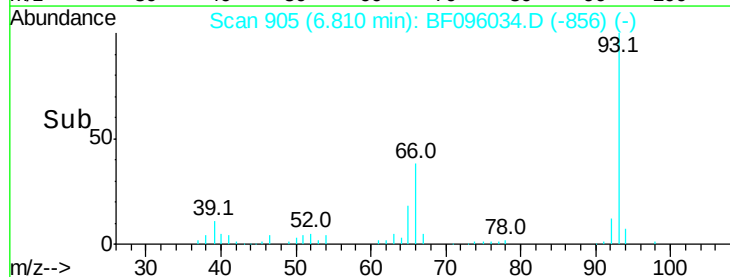
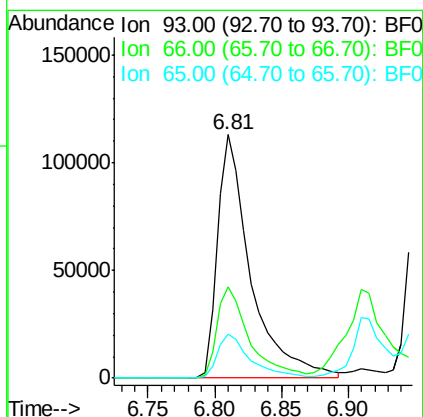
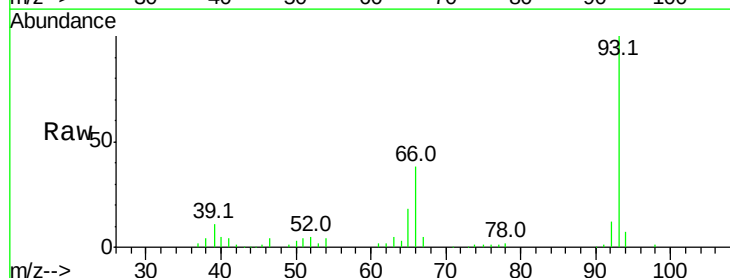
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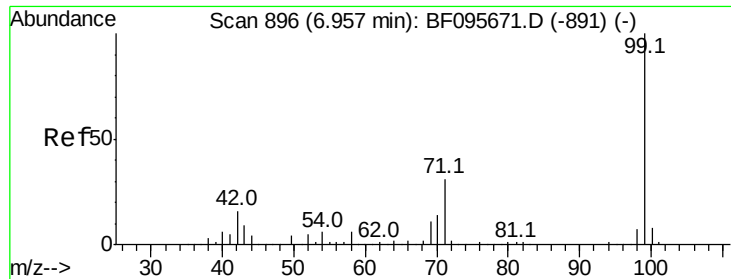
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#6
Aniline
Concen: 33.21 ng
RT: 6.81 min Scan# 905
Delta R.T. -0.01 min
Lab File: BF096034.D
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Tgt Ion	Ratio	Resp Lower	Upper
93	100		
66	37.7	32.9	49.3
65	17.9	16.0	24.0





#7

Phenol-d6

Concen: 135.14 ng

RT: 6.90 min Scan# 920

Delta R.T. -0.01 min

Lab File: BF096034.D

Acq: 20 Jun 2017 8:30

Instrument :

BNA_F

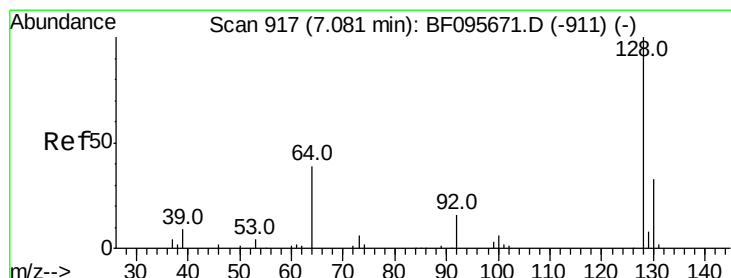
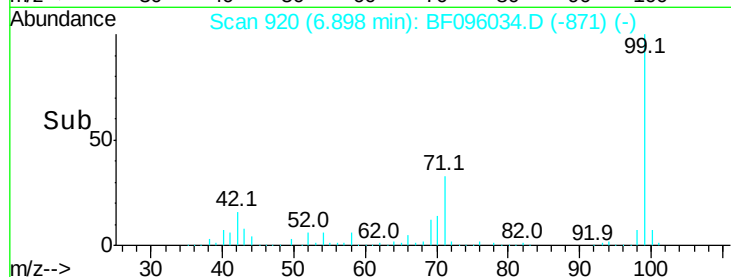
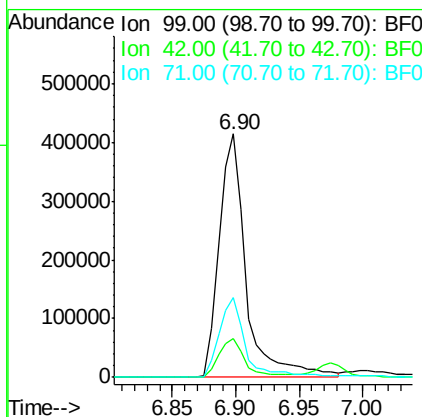
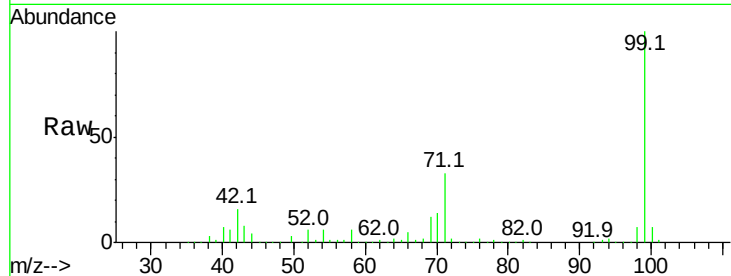
ClientSampled :

PB99828BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
99	100		617130		
42	15.8	13.5	20.3		
71	32.6	24.5	36.7		

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#8

2-Chlorophenol

Concen: 47.69 ng

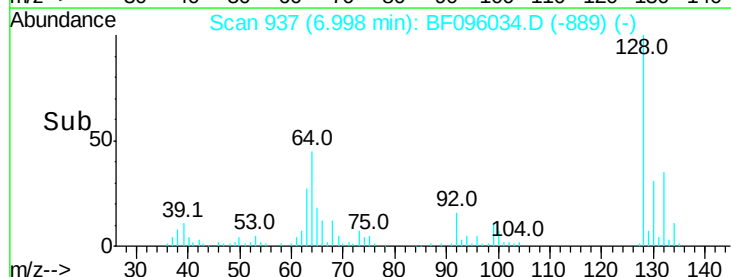
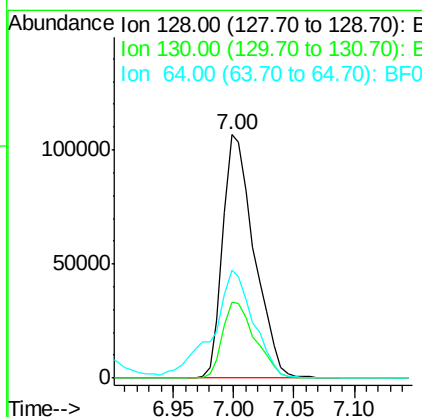
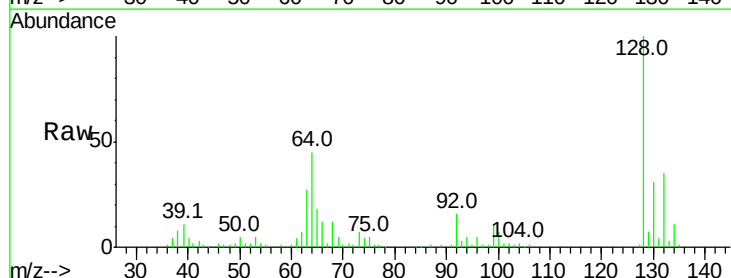
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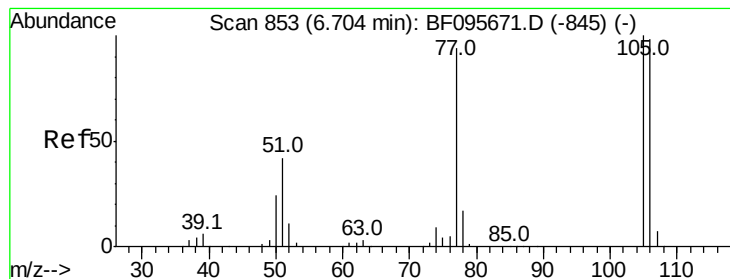
Delta R.T. -0.02 min

Lab File: BF096034.D

Acq: 20 Jun 2017 8:30

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
128	100		193396		
130	31.2	12.9	52.9		
64	44.6	28.4	68.4		





#9

Benzaldehyde

Concen: 17.84 ng

RT: 6.62 min Scan# 873

Delta R.T. -0.01 min

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Acq: 20 Jun 2017 8:30

Instrument :

BNA_F

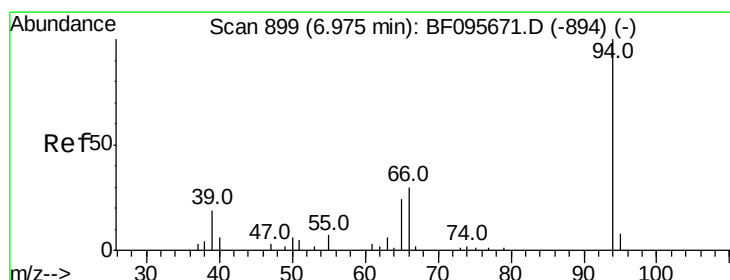
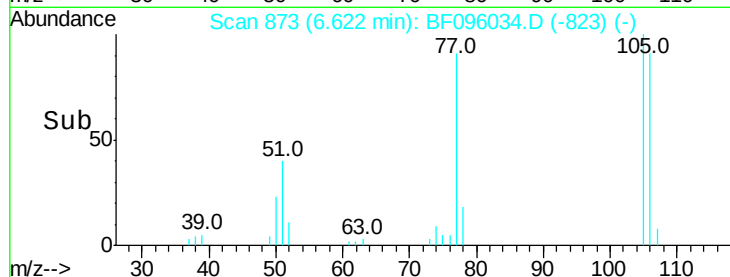
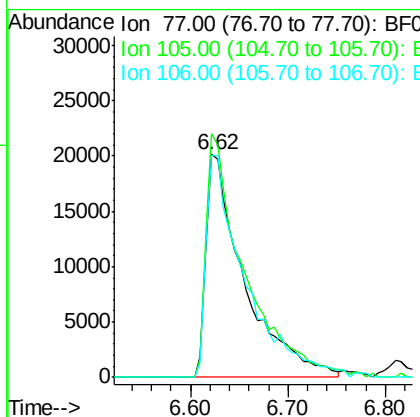
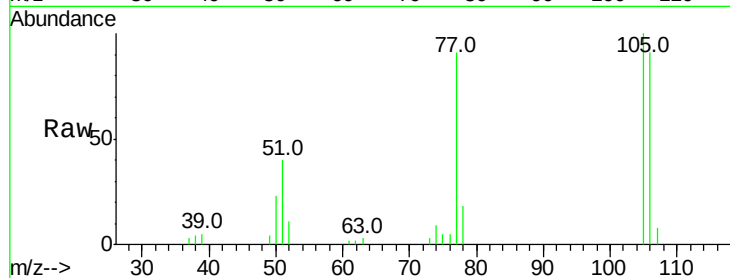
ClientSampleId :

PB99828BS

Tot Ion:	77	Resp:	54949
Ion	Ratio	Lower	Upper
77	100		
105	109.4	83.8	123.8
106	99.9	79.1	119.1

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#10

Phenol

Concen: 49.07 ng

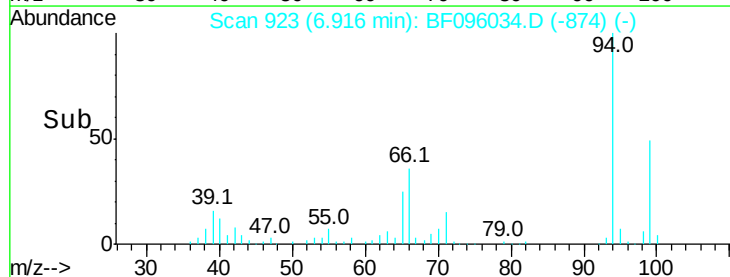
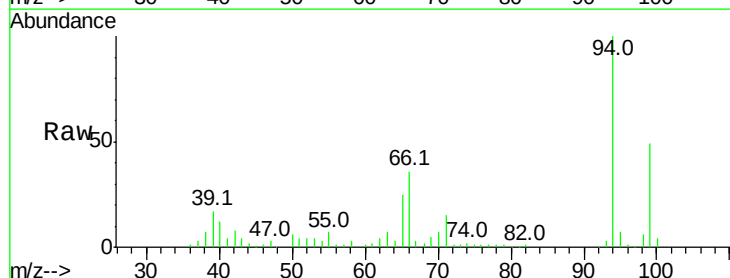
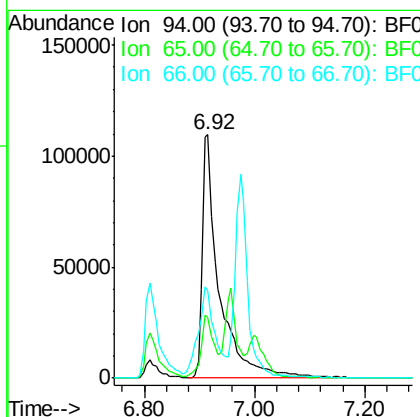
RT: 6.92 min Scan# 923

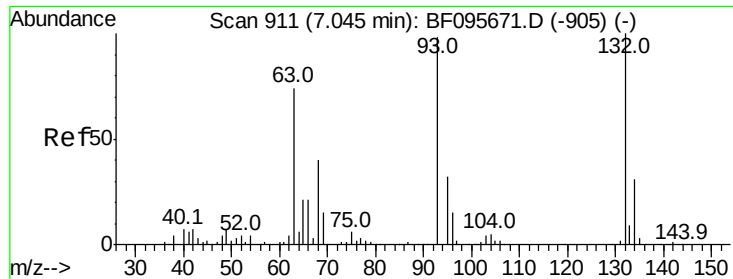
Delta R.T. -0.01 min

Lab File: BF096034.D

Acq: 20 Jun 2017 8:30

Tgt Ion:	94	Resp:	232437
Ion	Ratio	Lower	Upper
94	100		
65	25.0	9.9	49.9
66	35.7	23.1	63.1





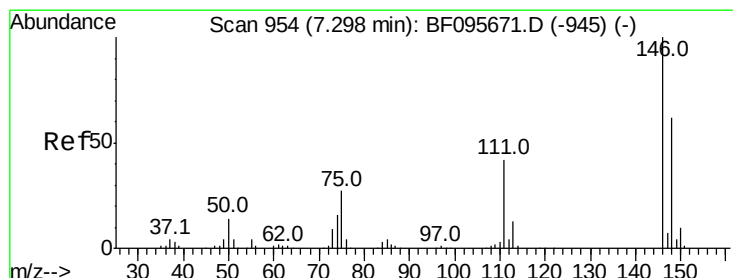
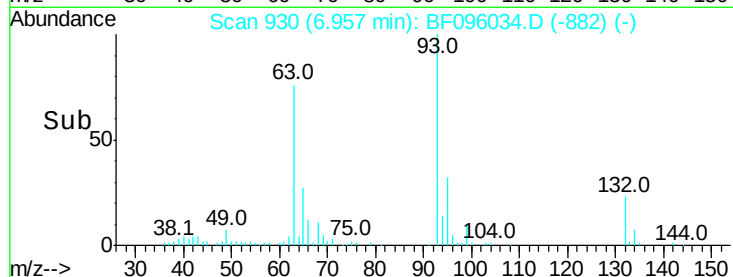
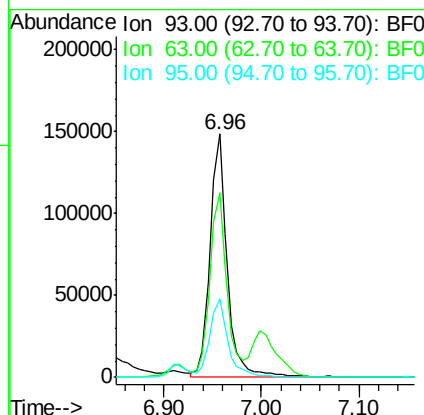
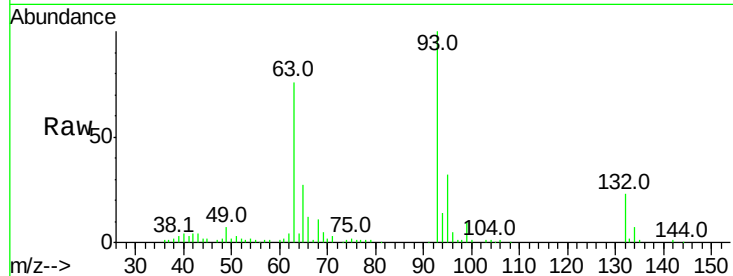
#11
bis(2-Chloroethyl)ether
Concen: 47.69 ng
RT: 6.96 min Scan# 930
Delta R.T. -0.02 min
Lab File: BF096034.D
Acq: 20 Jun 2017 8:30

Instrument :
BNA_F
ClientSampleId :
PB99828BS

Tot Ion	Ratio	Resp Lower	Upper
93	100		
63	75.8	59.2	99.2
95	32.3	12.8	52.8

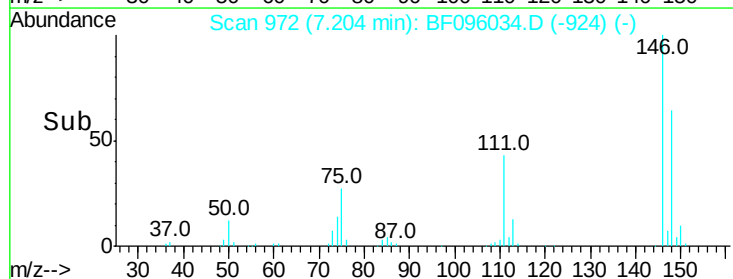
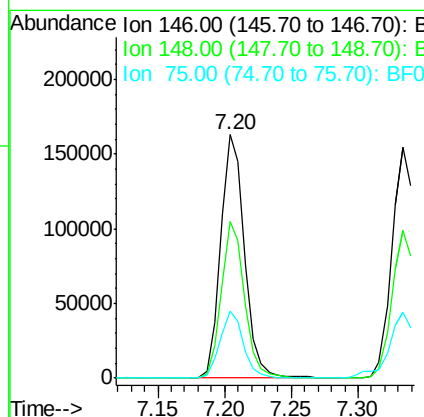
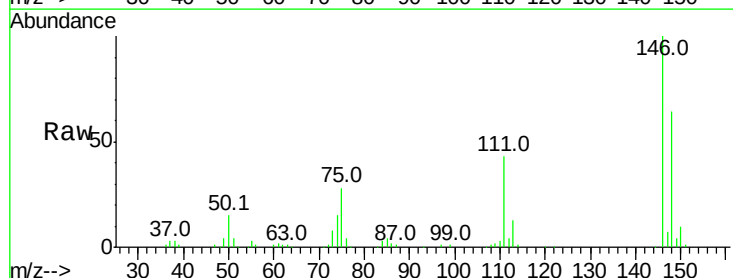
Manual Integrations
APPROVED

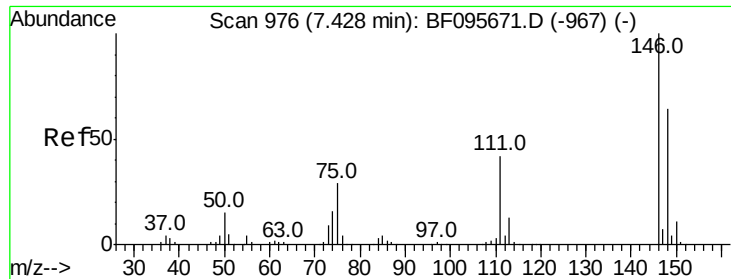
mohammad
6/20/2017 4:29:55 PM



#12
1,3-Dichlorobenzene
Concen: 44.64 ng
RT: 7.20 min Scan# 972
Delta R.T. -0.02 min
Lab File: BF096034.D
Acq: 20 Jun 2017 8:30

Tgt Ion	Ratio	Resp Lower	Upper
146	100		
148	64.4	51.8	77.6
75	27.6	23.1	34.7





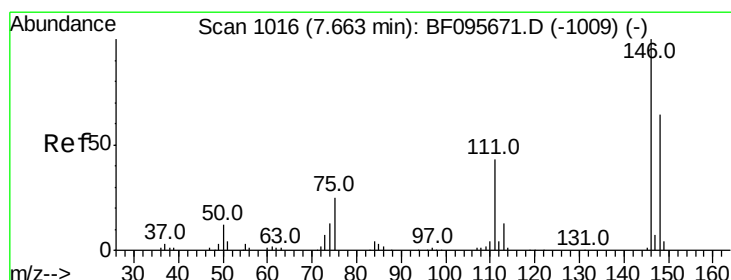
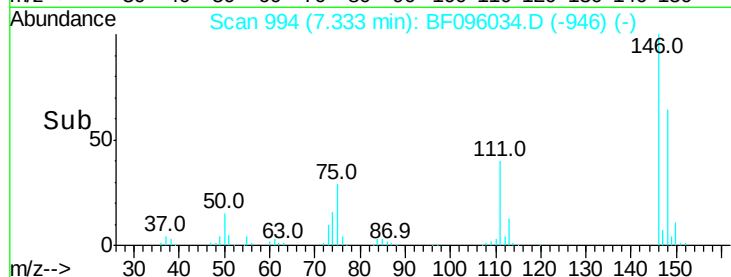
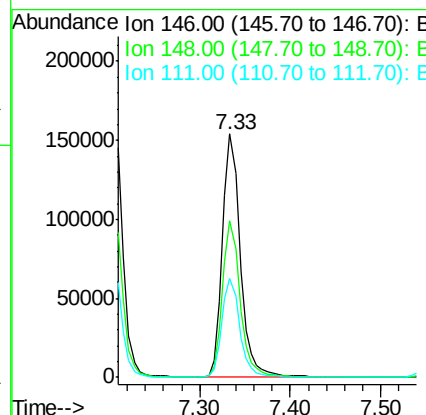
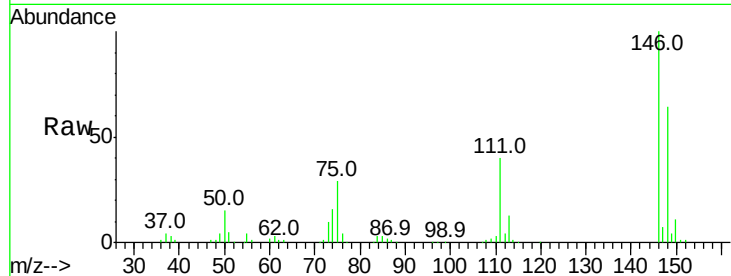
#13
 1,4-Dichlorobenzene
 Concen: 45.28 ng
 RT: 7.33 min Scan# 994
 Delta R.T. -0.02 min
 Lab File: BF096034.D
 Acq: 20 Jun 2017 8:30

Instrument :
 BNA_F
 ClientSampleId :
 PB99828BS

Tot Ion	Ratio	Lower	Upper
146	100		
148	64.3	52.2	78.2
111	40.4	30.3	45.5

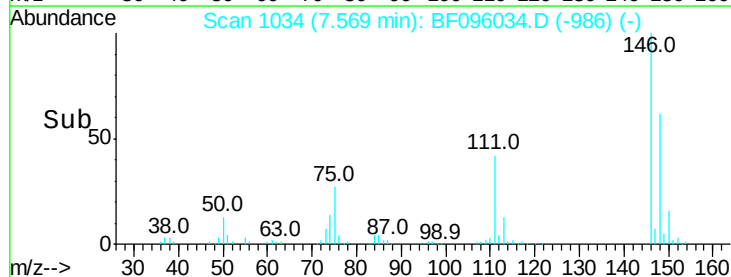
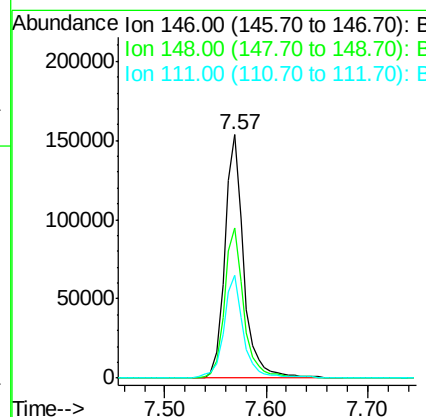
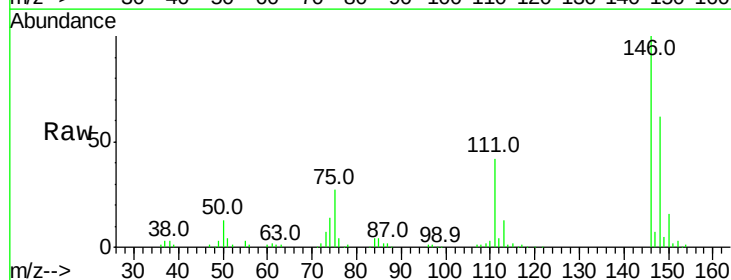
Manual Integrations
 APPROVED

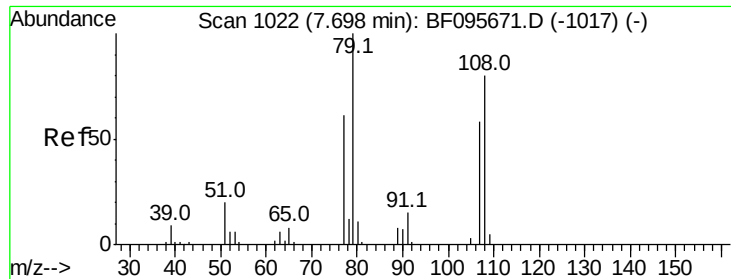
mohammad
 6/20/2017 4:29:55 PM



#14
 1,2-Dichlorobenzene
 Concen: 46.02 ng
 RT: 7.57 min Scan# 1034
 Delta R.T. -0.02 min
 Lab File: BF096034.D
 Acq: 20 Jun 2017 8:30

Tgt Ion	Ratio	Lower	Upper
146	100		
148	61.7	50.4	75.6
111	42.4	38.2	57.4





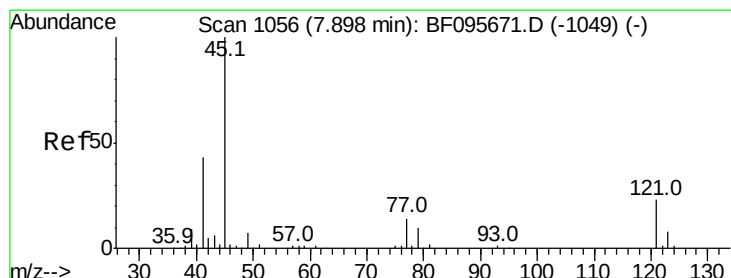
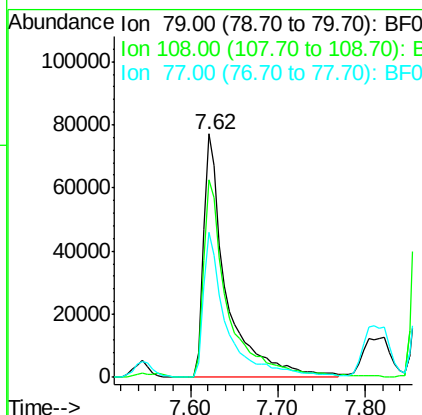
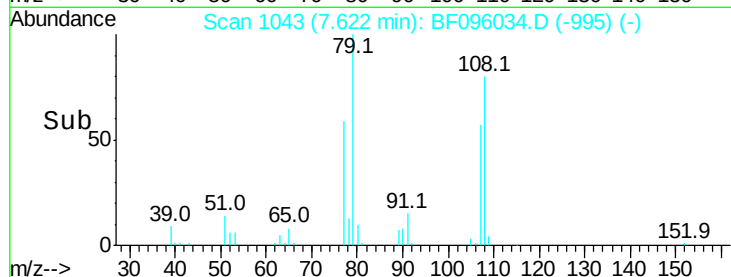
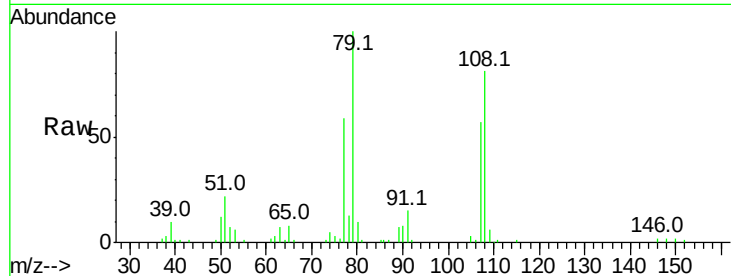
#15
Benzyl Alcohol
Concen: 44.64 ng
RT: 7.62 min Scan# 1043
Delta R.T. -0.02 min
Lab File: BF096034.D
Acq: 20 Jun 2017 8:30

Instrument :
BNA_F
ClientSampled :
PB99828BS

Tot Ion	Ratio	Lower	Upper
79	100		
108	81.1	63.4	95.0
77	59.5	49.2	73.8

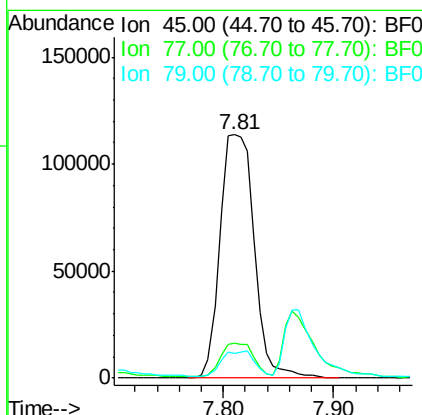
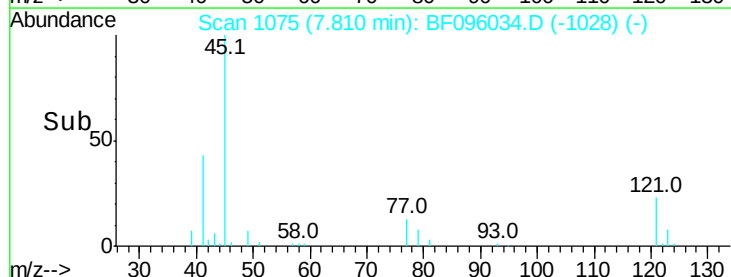
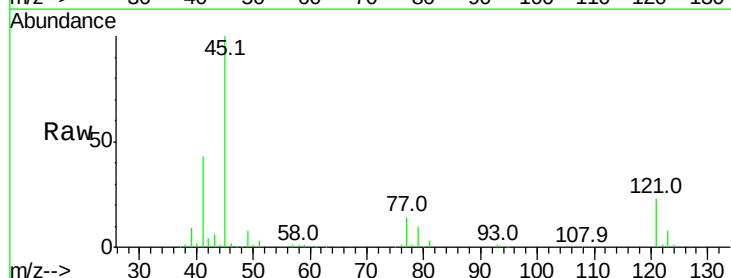
Manual Integrations
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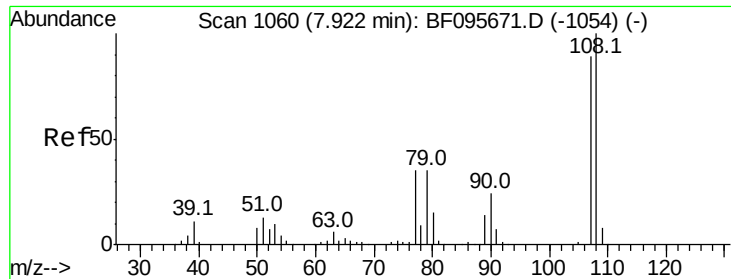
mohammad
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#16
2,2'-oxybis(1-chloropropane)
Concen: 46.76 ng
RT: 7.81 min Scan# 1075
Delta R.T. -0.02 min
Lab File: BF096034.D
Acq: 20 Jun 2017 8:30

Tgt Ion	Ratio	Lower	Upper
45	100		
77	14.3	0.0	33.2
79	10.3	0.0	30.0





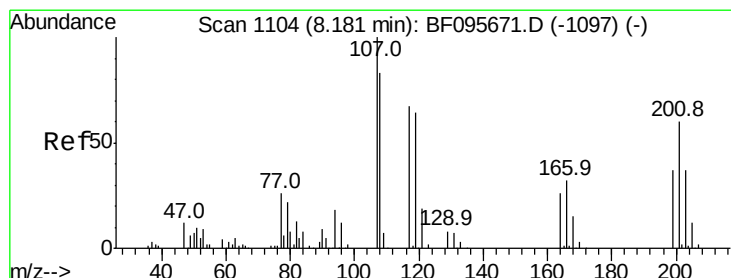
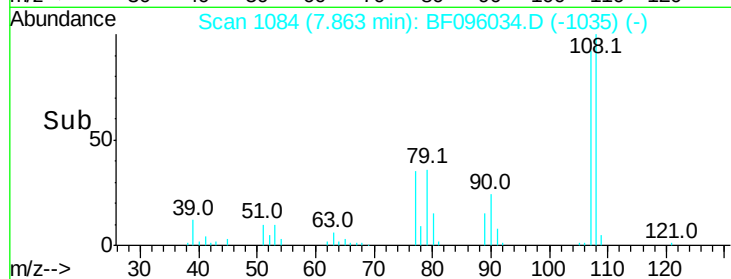
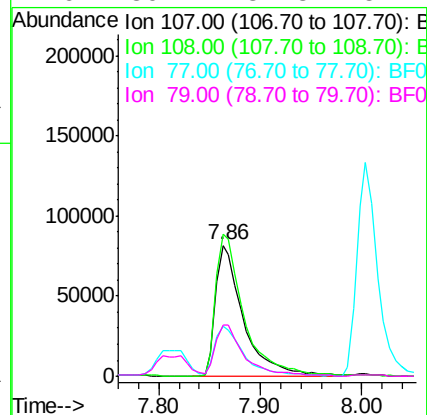
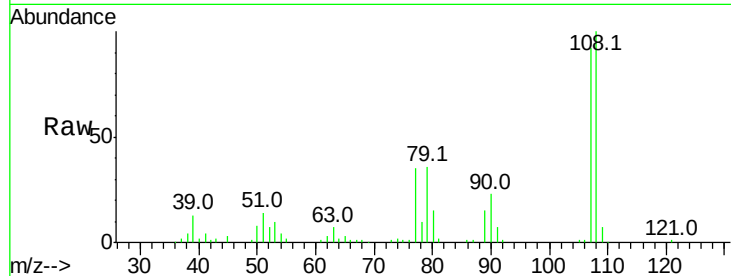
#17
2-Methylphenol
Concen: 46.00 ng
RT: 7.86 min Scan# 1084
Delta R.T. -0.01 min
Lab File: BF096034.D
Acq: 20 Jun 2017 8:30

Instrument :
BNA_F
ClientSampleId :
PB99828BS

Tot Ion	Ratio	Resp	Lower	Upper
107	100	156562		
108	109.0	93.4	140.0	
77	38.2	35.8	53.6	
79	39.2	34.8	52.2	

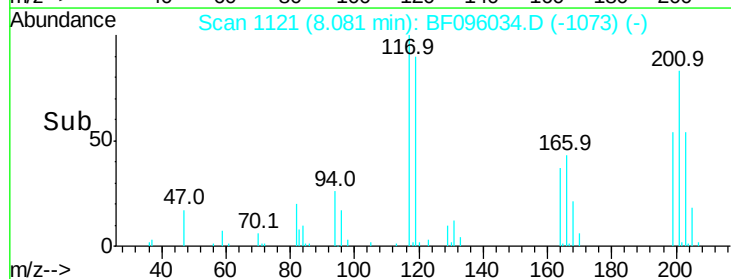
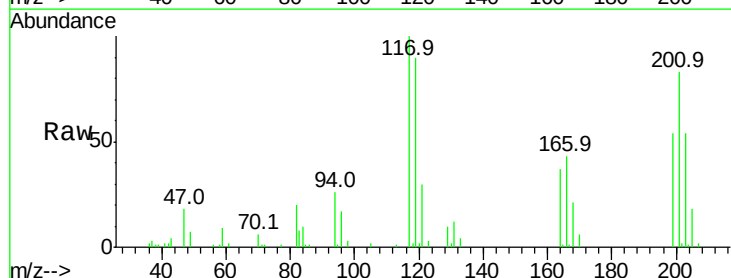
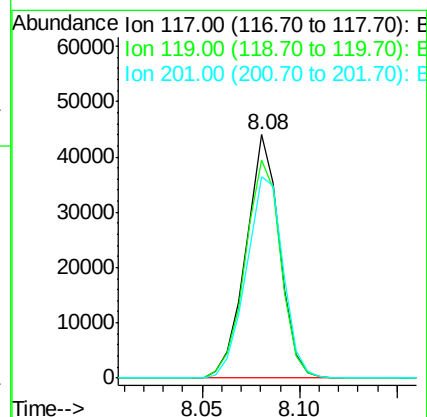
Manual Integrations
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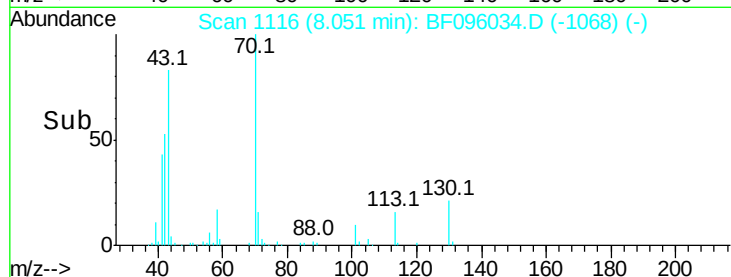
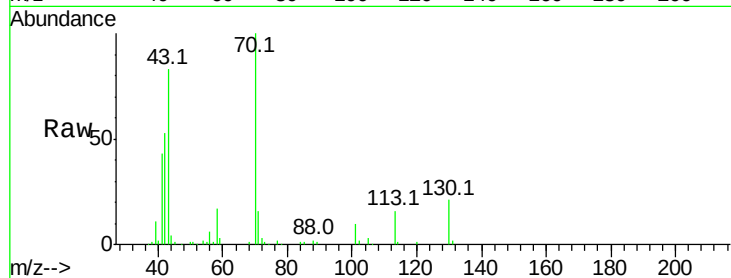
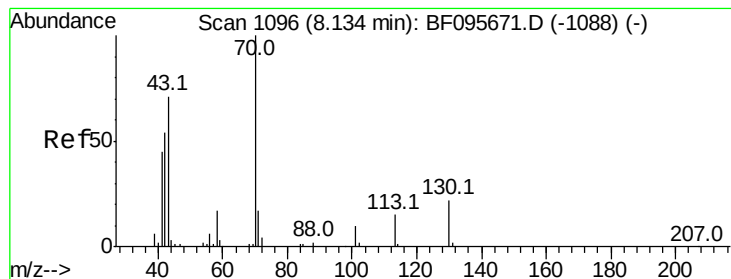
mohammad
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#18
Hexachloroethane
Concen: 34.18 ng
RT: 8.08 min Scan# 1121
Delta R.T. -0.02 min
Lab File: BF096034.D
Acq: 20 Jun 2017 8:30

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	52546		
119	89.5	77.4	116.0	
201	82.7	94.6	141.8#	





#19

n-Nitroso-di-n-propylamine

Concen: 45.98 ng

RT: 8.05 min Scan# 1116

Delta R.T. -0.02 min

Lab File: BF096034.D

Acq: 20 Jun 2017 8:30

Instrument :

BNA_F

ClientSampleId :

PB99828BS

Tot Ion: 70 Resp: 133072

Ion Ratio Lower Upper

70 100

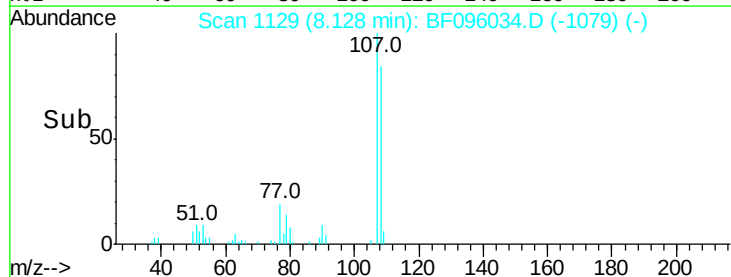
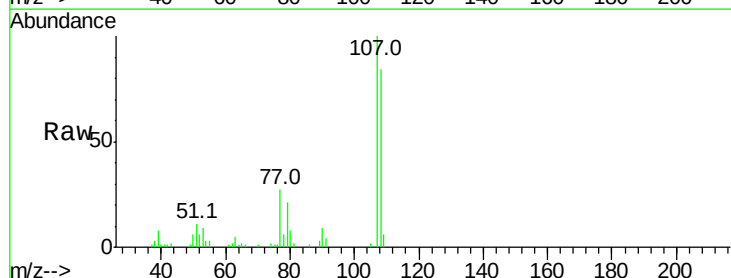
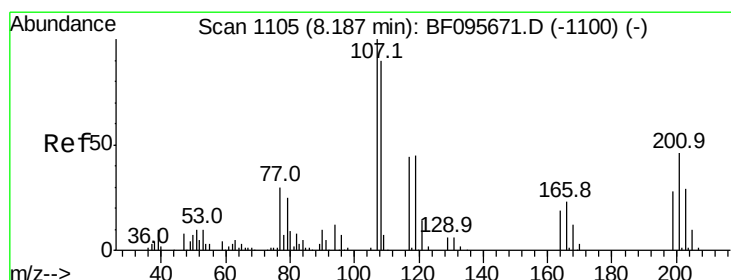
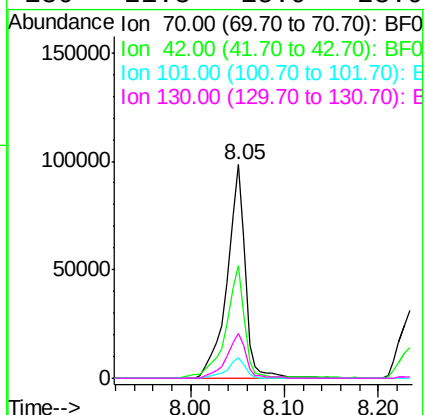
42 52.8 47.2 70.8

101 9.6 7.2 10.8

130 21.3 15.9 23.9

Manual Integrations
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#20

3+4-Methylphenols

Concen: 47.57 ng

RT: 8.13 min Scan# 1129

Delta R.T. -0.01 min

Lab File: BF096034.D

Acq: 20 Jun 2017 8:30

Tgt Ion: 107 Resp: 205517

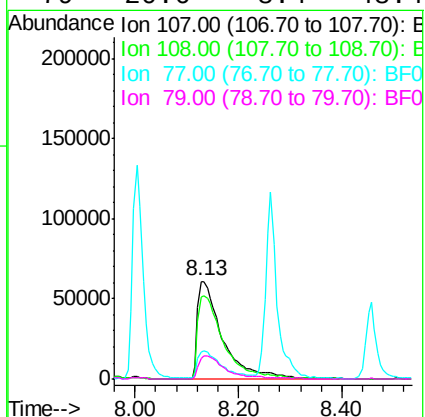
Ion Ratio Lower Upper

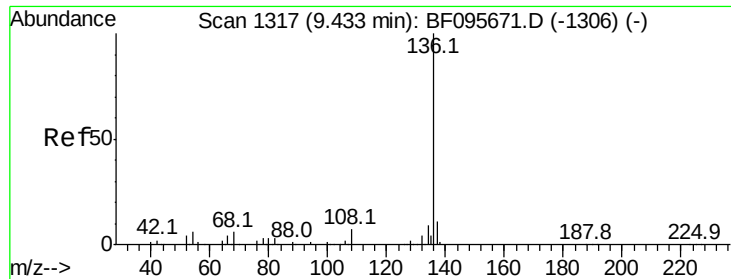
107 100

108 83.8 71.0 111.0

77 27.1 90.5 130.5#

79 20.6 8.4 48.4





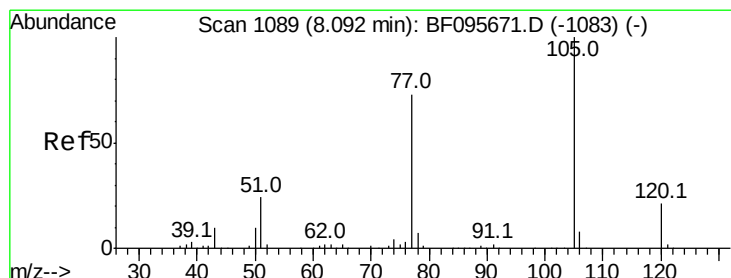
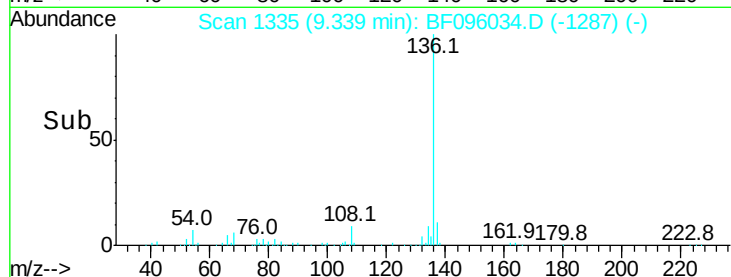
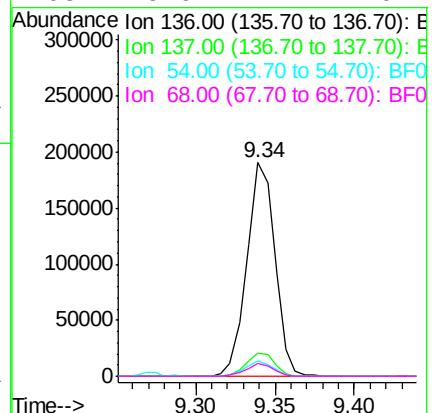
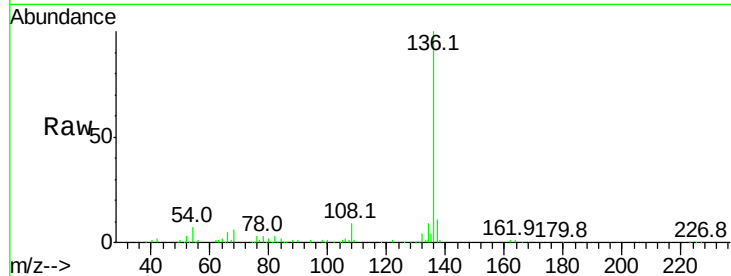
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 9.34 min Scan# 1335
Delta R.T. -0.02 min
Lab File: BF096034.D
Acq: 20 Jun 2017 8:30

Instrument :
BNA_F
ClientSampleId :
PB99828BS

Tot Ion	Ratio	Resp	Lower	Upper
136	100			
137	11.0	8.5	12.7	
54	7.0	4.9	7.3	
68	5.9	4.1	6.1	

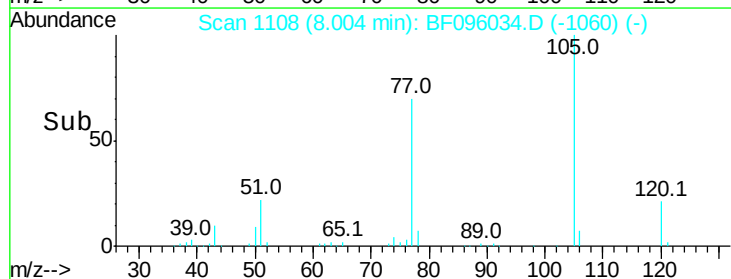
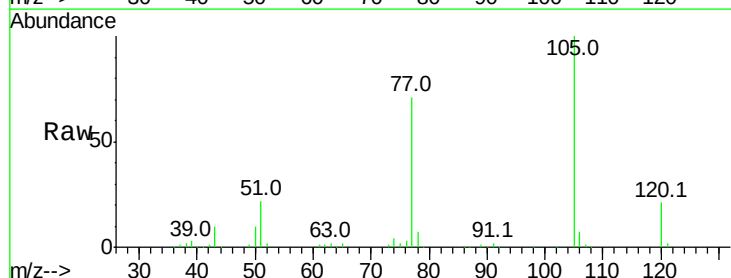
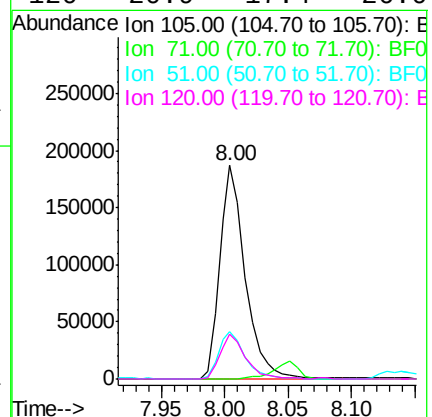
Manual Integrations
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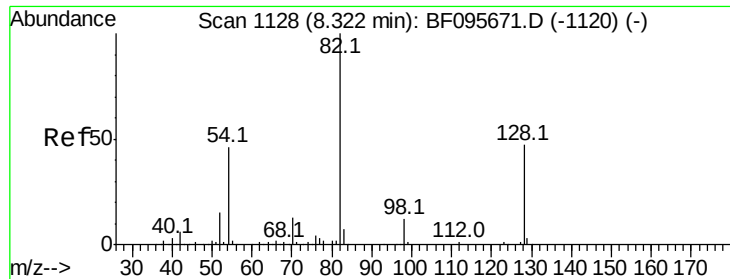
mohammad
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#22
Acetophenone
Concen: 47.69 ng
RT: 8.00 min Scan# 1108
Delta R.T. -0.02 min
Lab File: BF096034.D
Acq: 20 Jun 2017 8:30

Tgt Ion	Ratio	Resp	Lower	Upper
105	100			
71	0.0	2.8	4.2#	
51	22.4	30.7	46.1#	
120	20.9	17.4	26.0	





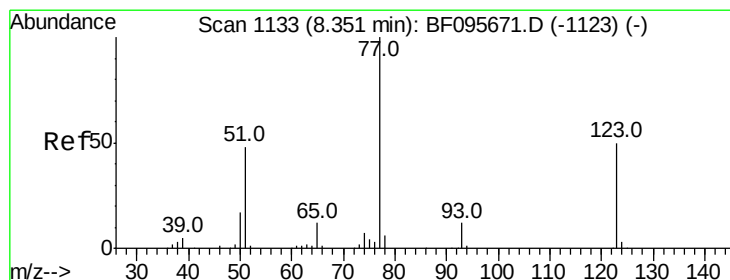
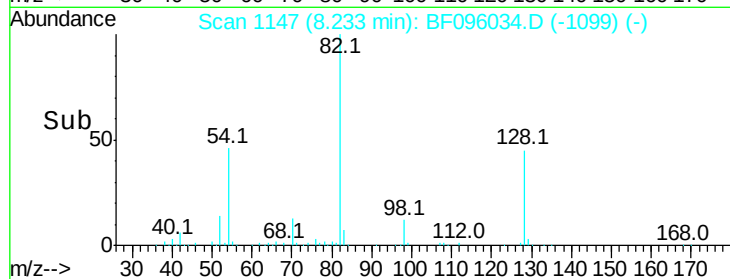
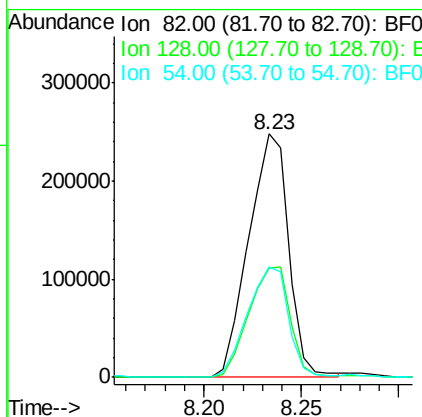
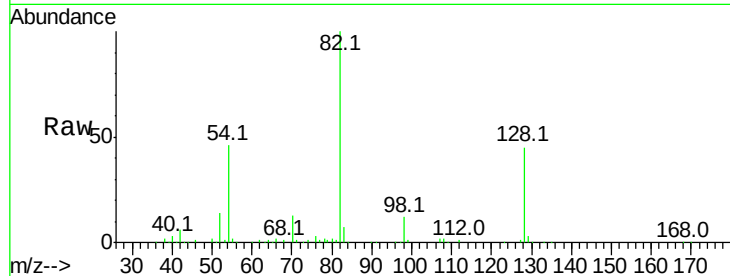
#23
 Nitrobenzene-d5
 Concen: 92.96 ng
 RT: 8.23 min Scan# 1147
 Delta R.T. -0.02 min
 Lab File: BF096034.D
 Acq: 20 Jun 2017 8:30

Instrument :
 BNA_F
 ClientSampleId :
 PB99828BS

Tot Ion	Ratio	Resp	Lower	Upper
82	100			
128	44.6	34.0	51.0	
54	45.5	42.2	63.2	

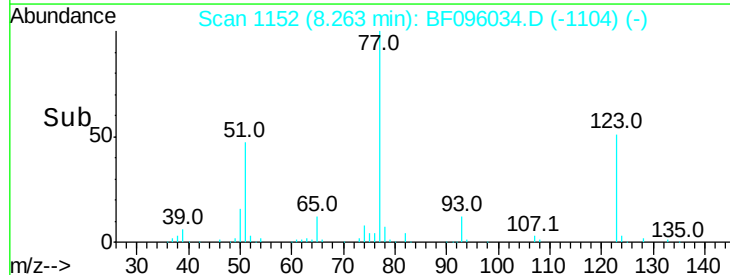
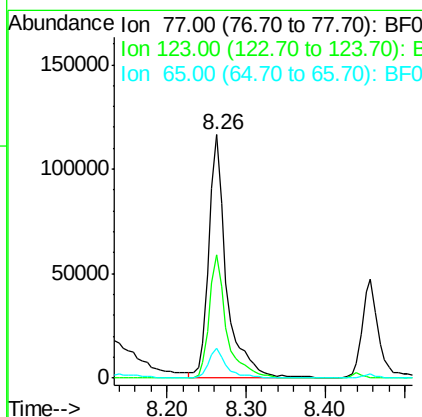
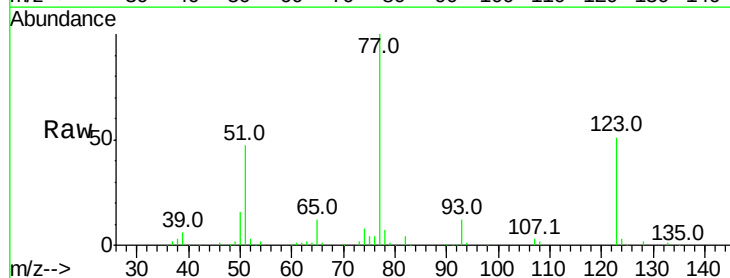
Manual Integrations
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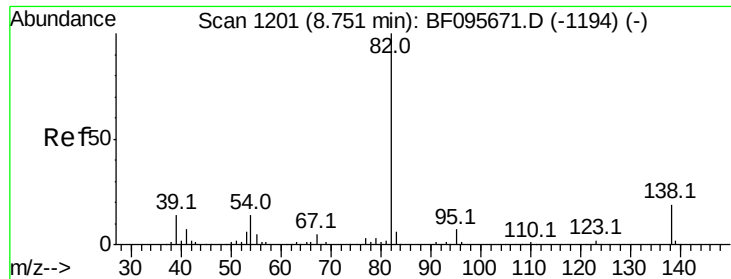
mohammad
 6/20/2017 4:29:55 PM



#24
 Nitrobenzene
 Concen: 45.13 ng
 RT: 8.26 min Scan# 1152
 Delta R.T. -0.02 min
 Lab File: BF096034.D
 Acq: 20 Jun 2017 8:30

Tgt Ion	Ratio	Resp	Lower	Upper
77	100			
123	50.8	35.8	53.8	
65	12.3	10.6	15.8	





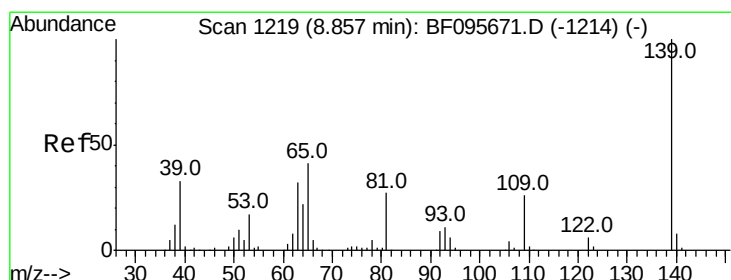
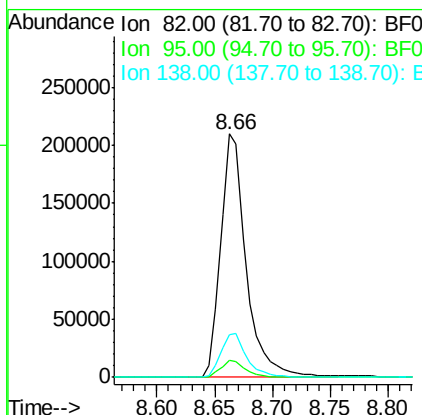
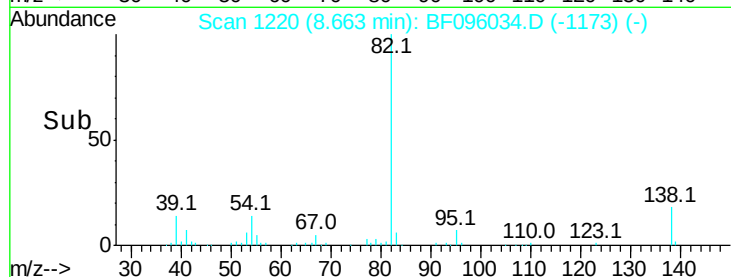
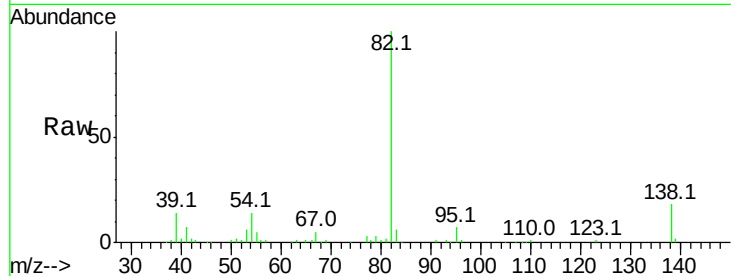
#25
Isophorone
Concen: 45.43 ng
RT: 8.66 min Scan# 1220
Delta R.T. -0.02 min
Lab File: BF096034.D
Acq: 20 Jun 2017 8:30

Instrument :
BNA_F
ClientSampleId :
PB99828BS

Tot Ion	Ratio	Resp	Lower	Upper
82	100			
95	7.2	5.3	7.9	
138	17.7	13.1	19.7	

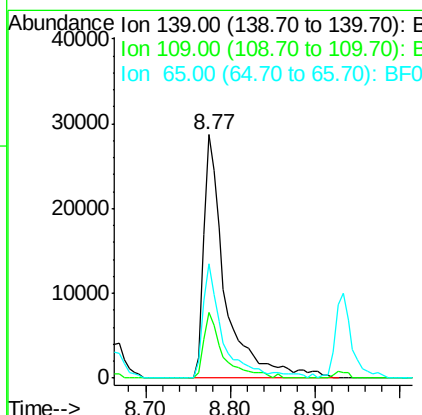
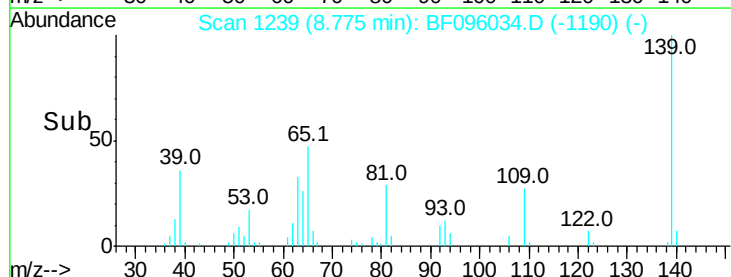
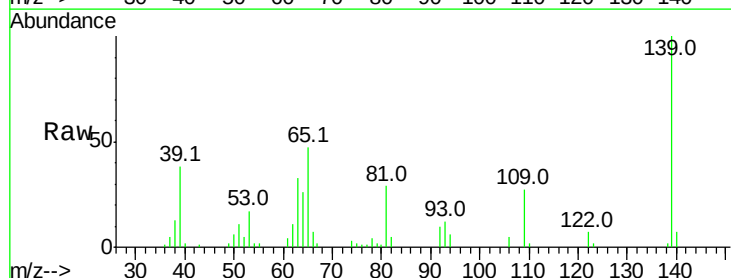
Manual Integrations
APPROVED

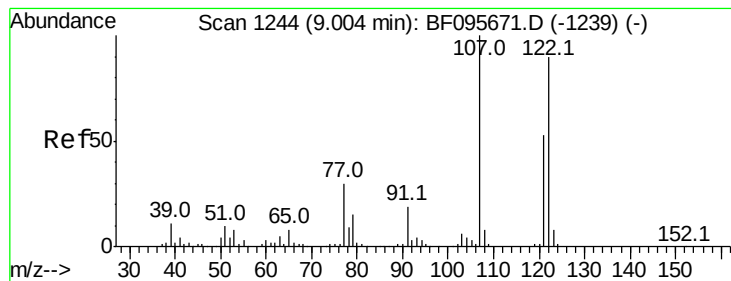
mohammad
6/20/2017 4:29:55 PM



#26
2-Nitrophenol
Concen: 23.99 ng
RT: 8.77 min Scan# 1239
Delta R.T. -0.01 min
Lab File: BF096034.D
Acq: 20 Jun 2017 8:30

Tgt Ion	Ratio	Resp	Lower	Upper
139	100			
109	26.7	21.0	31.6	
65	47.1	33.0	49.6	





#27

2,4-Dimethylphenol

Concen: 48.64 ng

RT: 8.93 min Scan# 1266

Delta R.T. -0.01 min

Lab File: BF096034.D

Acq: 20 Jun 2017 8:30

Instrument :

BNA_F

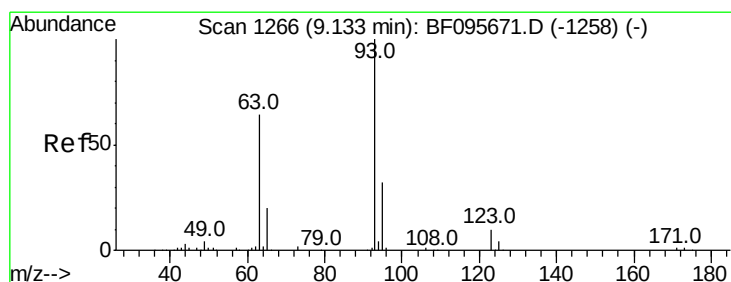
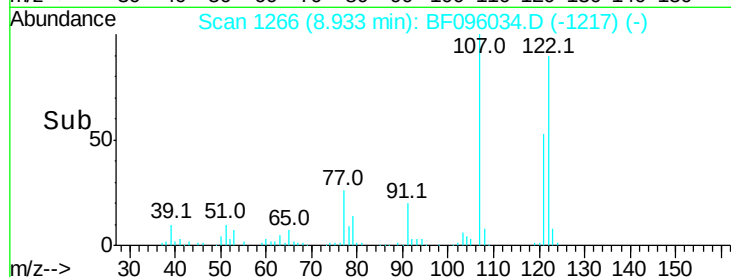
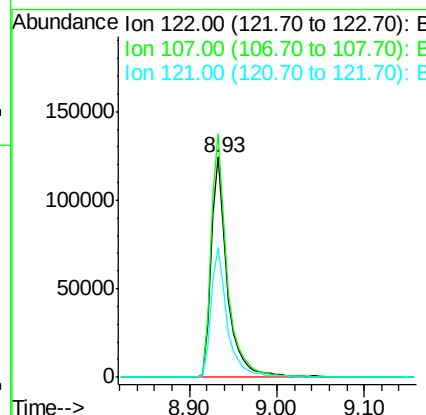
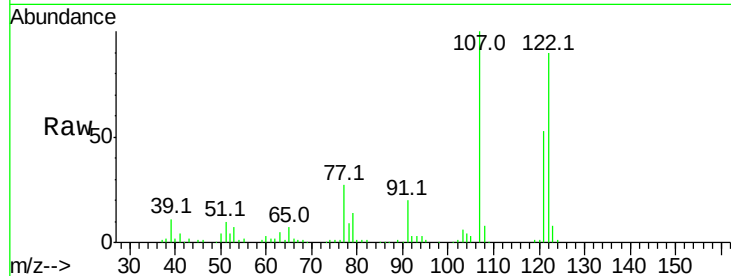
ClientSampleId :

PB99828BS

Tot Ion:	122	Resp:	159916
Ion Ratio	Lower	Upper	
122	100		
107	110.7	89.2	133.8
121	58.9	45.2	67.8

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#28

bis(2-Chloroethoxy)methane

Concen: 46.20 ng

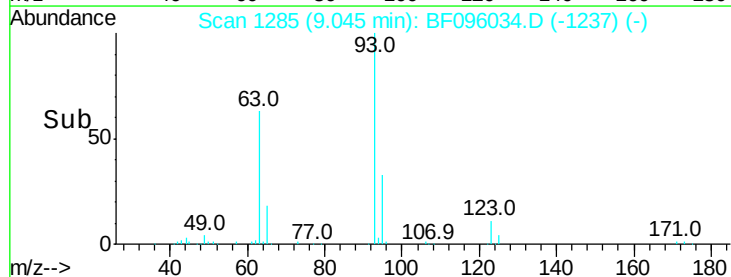
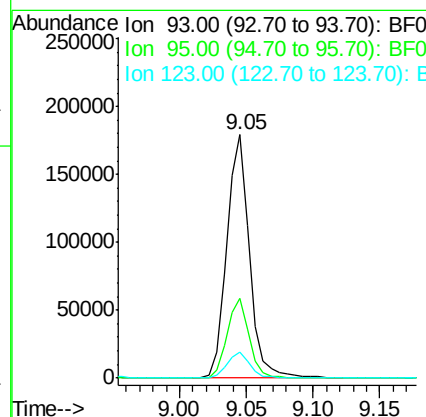
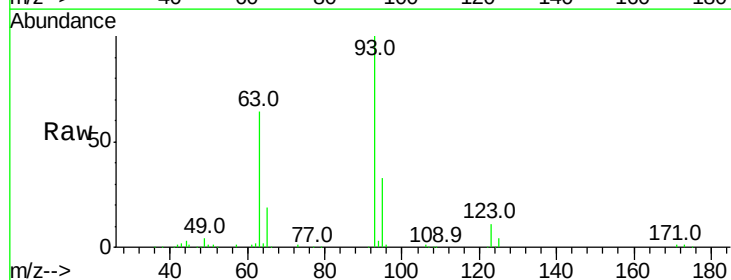
RT: 9.05 min Scan# 1285

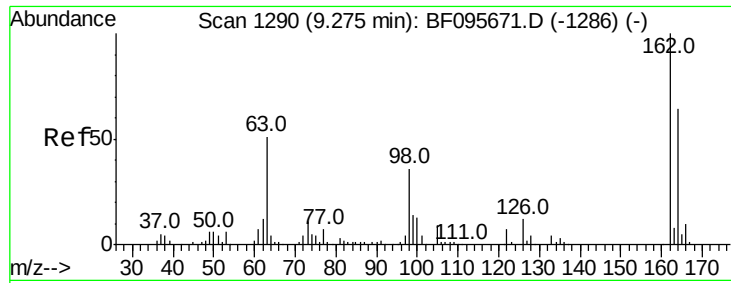
Delta R.T. -0.02 min

Lab File: BF096034.D

Acq: 20 Jun 2017 8:30

Tgt Ion:	93	Resp:	215349
Ion Ratio	Lower	Upper	
93	100		
95	32.8	26.5	39.7
123	10.8	9.0	13.4





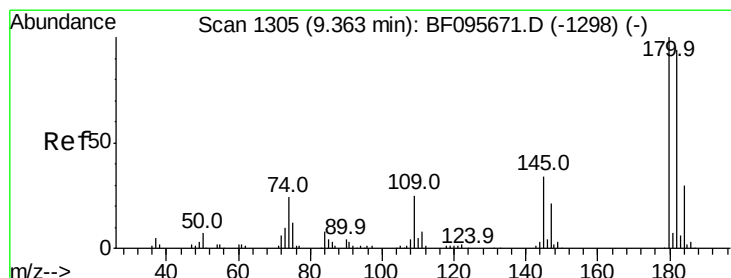
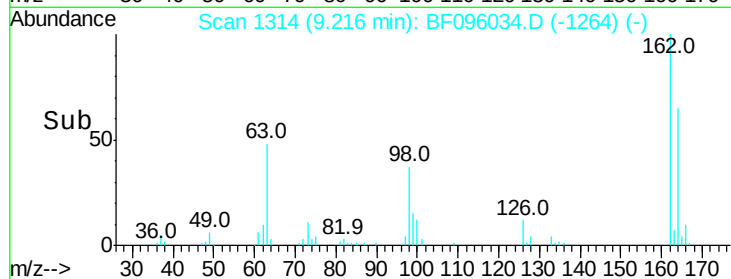
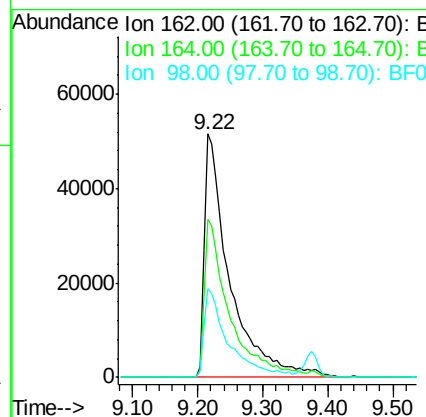
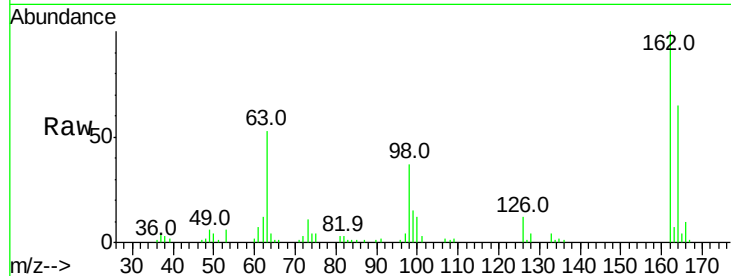
#29
 2,4-Dichlorophenol
 Concen: 43.74 ng
 RT: 9.22 min Scan# 1314
 Delta R.T. -0.01 min
 Lab File: BF096034.D
 Acq: 20 Jun 2017 8:30

Instrument :
 BNA_F
 ClientSampleId :
 PB99828BS

Tot Ion	Ratio	Resp Lower	Upper
162	100		
164	64.8	44.6	84.6
98	36.7	14.8	54.8

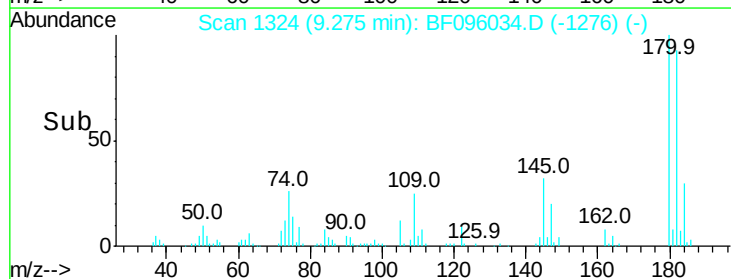
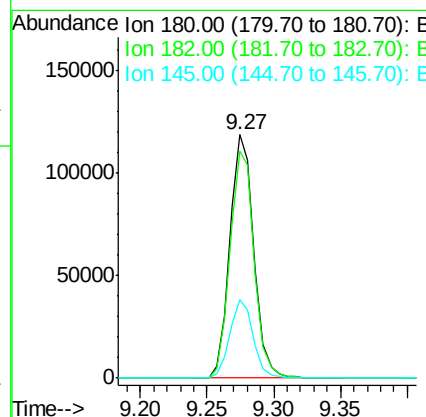
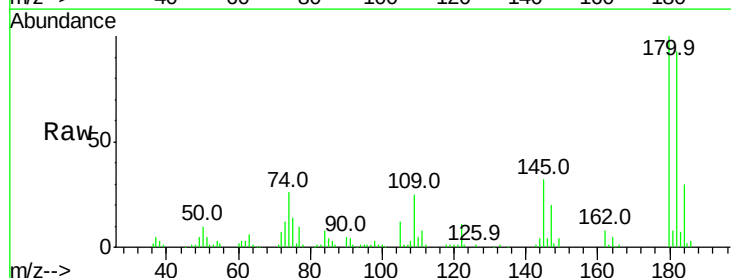
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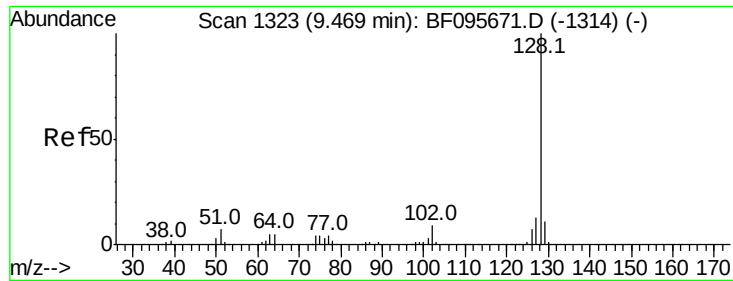
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#30
 1,2,4-Trichlorobenzene
 Concen: 45.37 ng
 RT: 9.27 min Scan# 1324
 Delta R.T. -0.02 min
 Lab File: BF096034.D
 Acq: 20 Jun 2017 8:30

Tgt Ion	Ratio	Resp Lower	Upper
180	100		
182	93.3	75.8	113.6
145	32.3	25.3	37.9





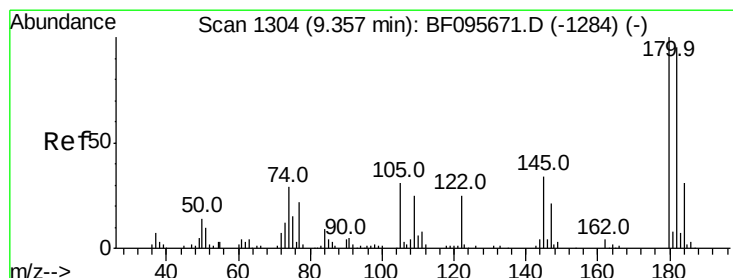
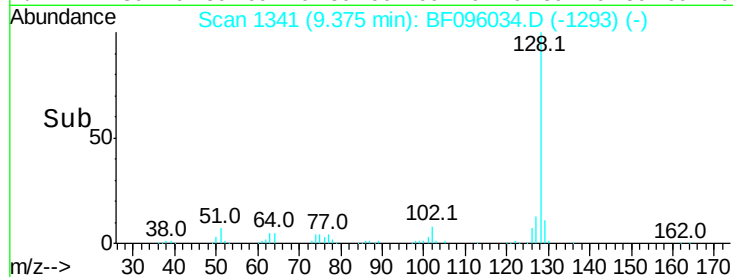
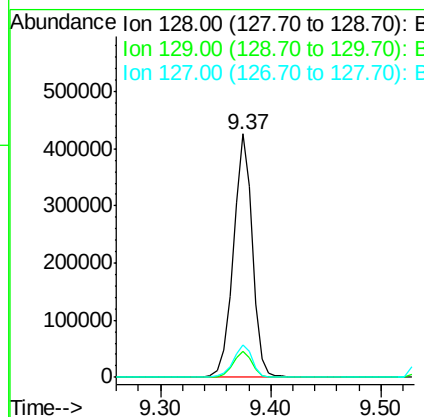
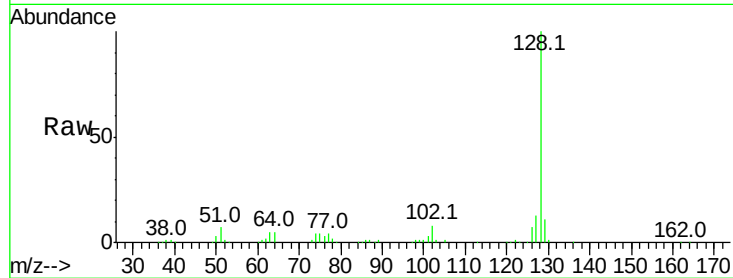
#31
Naphthalene
Concen: 43.39 ng
RT: 9.37 min Scan# 1341
Delta R.T. -0.02 min
Lab File: BF096034.D
Acq: 20 Jun 2017 8:30

Instrument :
BNA_F
ClientSampleId :
PB99828BS

Tot Ion	Ratio	Resp	Lower	Upper
128	100			
129	10.6	9.0	13.6	
127	13.2	10.8	16.2	

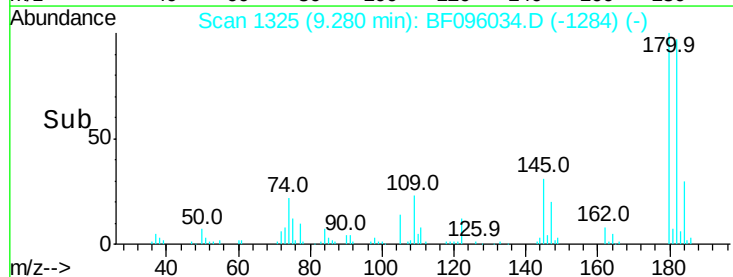
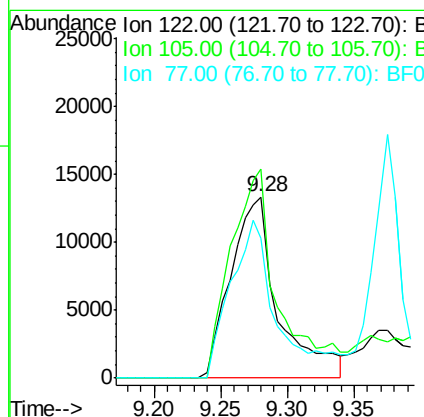
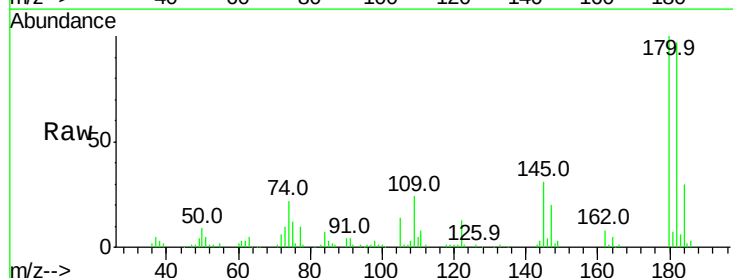
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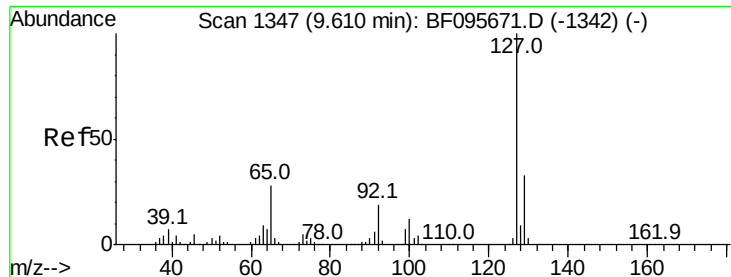
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#32
Benzoic acid
Concen: 19.42 ng
RT: 9.28 min Scan# 1325
Delta R.T. -0.06 min
Lab File: BF096034.D
Acq: 20 Jun 2017 8:30

Tgt Ion	Ratio	Resp	Lower	Upper
122	100			
105	115.1	103.3	143.3	
77	77.3	73.7	113.7	





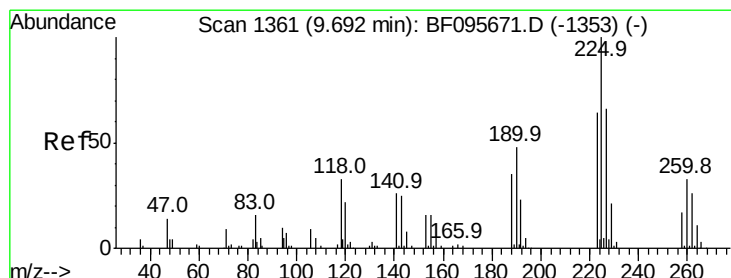
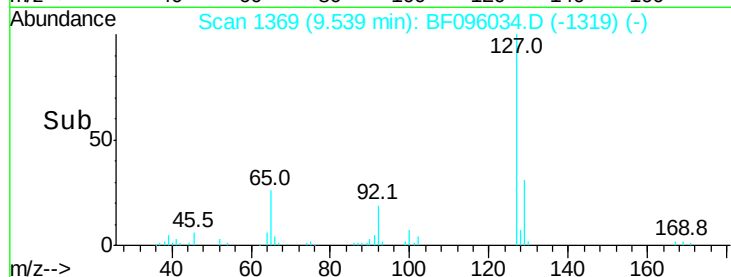
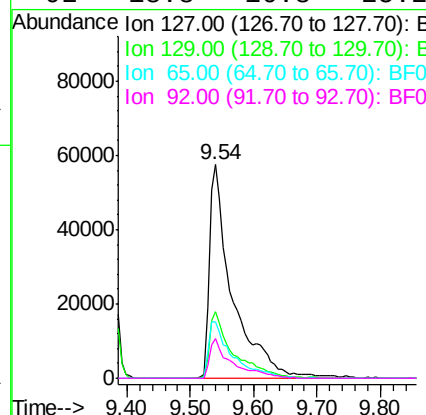
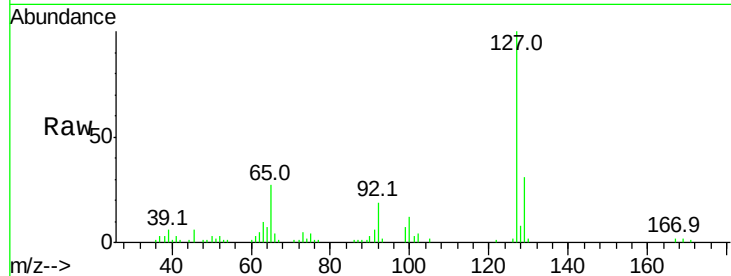
#33
 4-Chloroaniline
 Concen: 31.20 ng
 RT: 9.54 min Scan# 1369
 Delta R.T. -0.01 min
 Lab File: BF096034.D
 Acq: 20 Jun 2017 8:30

Instrument :
 BNA_F
 ClientSampleId :
 PB99828BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100				
129	31.2	26.2	39.2		
65	26.6	27.8	41.8		
92	18.8	16.8	25.2		

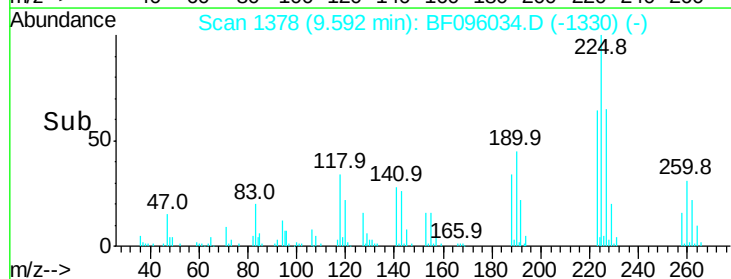
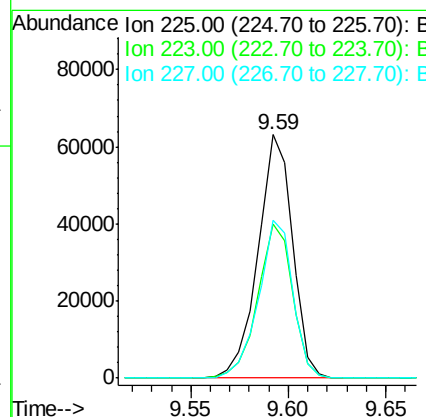
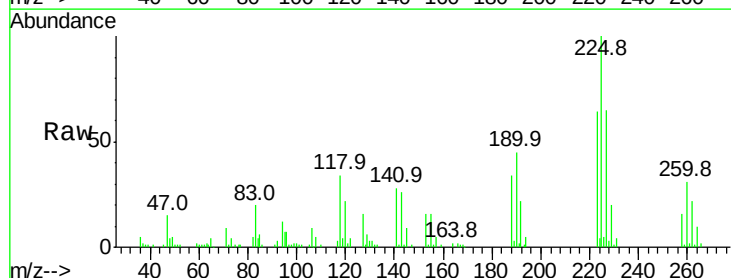
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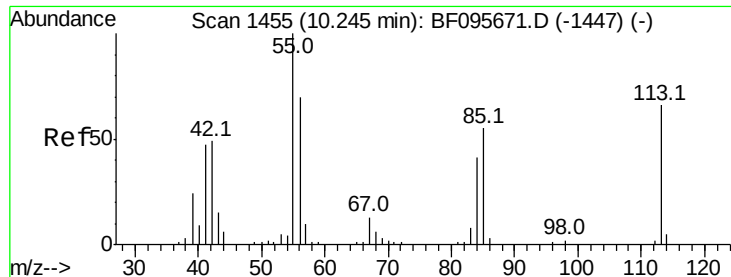
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#34
 Hexachlorobutadiene
 Concen: 45.39 ng
 RT: 9.59 min Scan# 1378
 Delta R.T. -0.02 min
 Lab File: BF096034.D
 Acq: 20 Jun 2017 8:30

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100				
223	63.5	48.8	73.2		
227	65.1	51.1	76.7		





#35

Caprolactam

Concen: 43.79 ng

RT: 10.17 min Scan# 1477

Delta R.T. -0.02 min

Lab File: BF096034.D

Acq: 20 Jun 2017 8:30

Instrument :

BNA_F

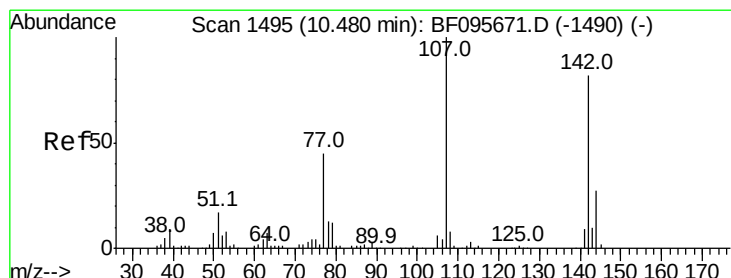
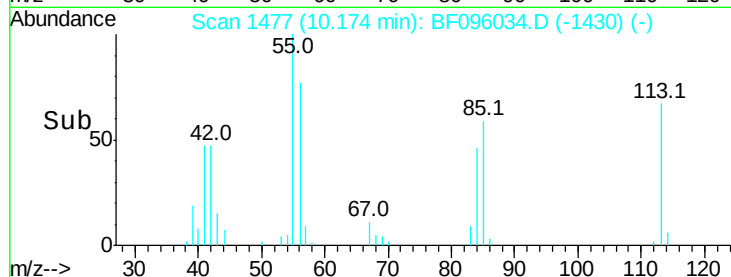
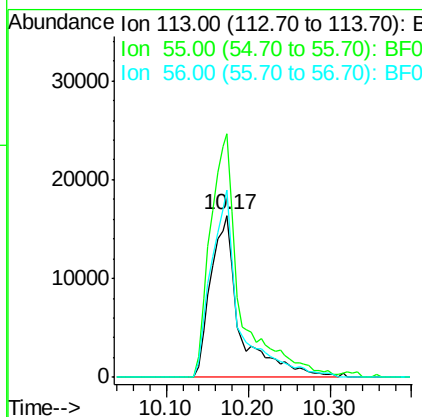
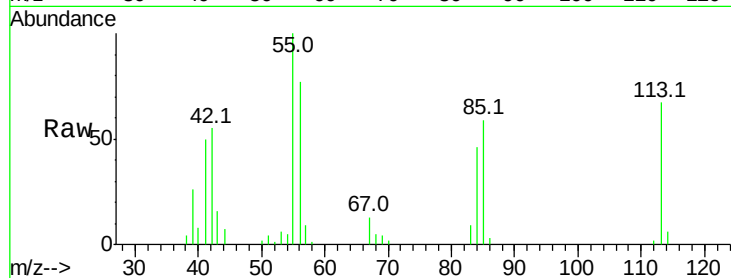
ClientSampleId :

PB99828BS

Tot Ion:113 Resp: 41259
 Ion Ratio Lower Upper
 113 100
 55 150.1 150.2 190.2#
 56 115.7 107.8 147.8

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#36

4-Chloro-3-methylphenol

Concen: 42.49 ng

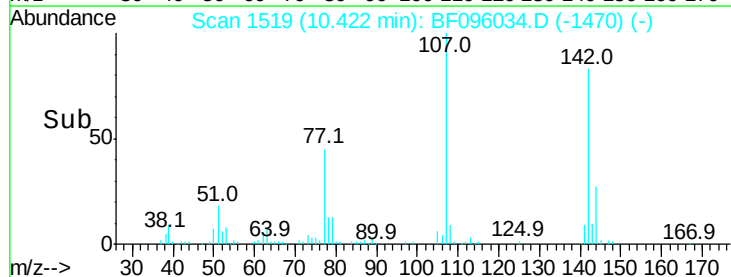
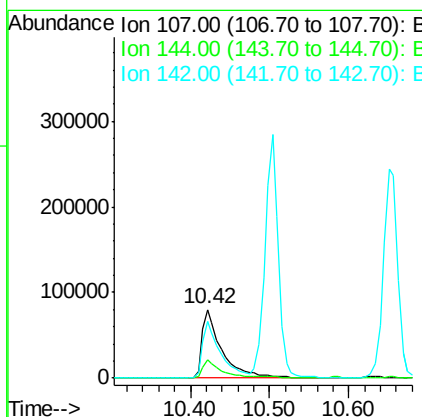
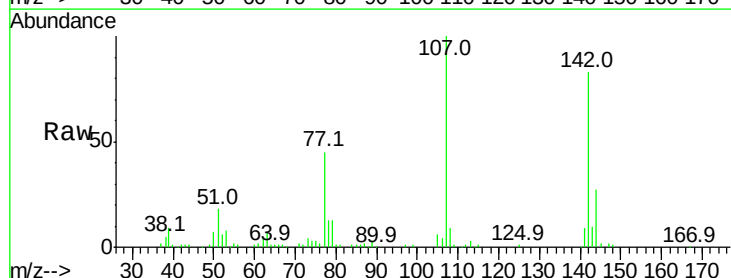
RT: 10.42 min Scan# 1519

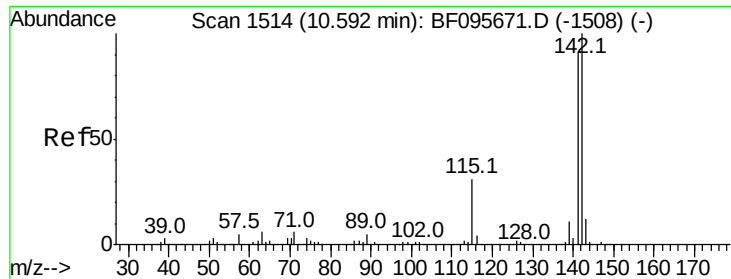
Delta R.T. -0.01 min

Lab File: BF096034.D

Acq: 20 Jun 2017 8:30

Tgt Ion:107 Resp: 140853
 Ion Ratio Lower Upper
 107 100
 144 26.6 24.2 36.4
 142 83.1 73.4 110.0





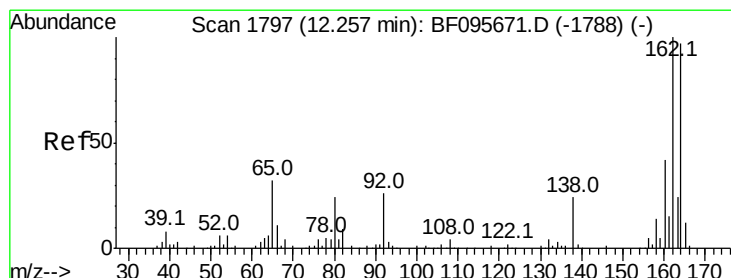
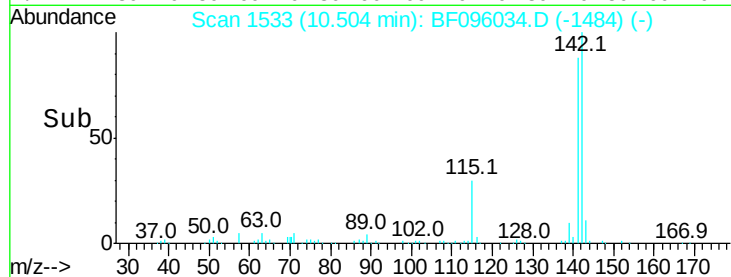
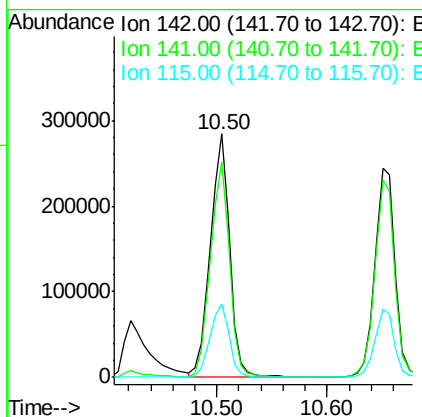
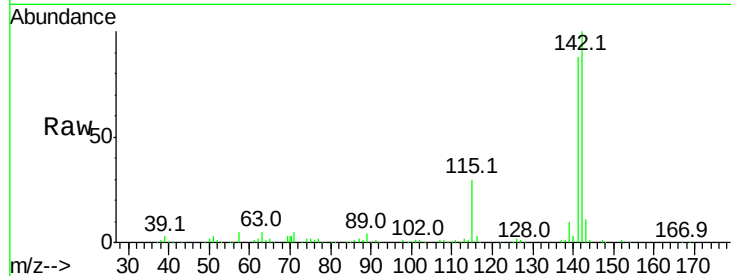
#37
2-Methylnaphthalene
Concen: 42.68 ng
RT: 10.50 min Scan# 1533
Delta R.T. -0.01 min
Lab File: BF096034.D
Acq: 20 Jun 2017 8:30

Instrument :
BNA_F
ClientSampleId :
PB99828BS

Tot Ion	Ratio	Resp	Lower	Upper
142	100	340397		
141	88.5	71.3	106.9	
115	30.0	27.1	40.7	

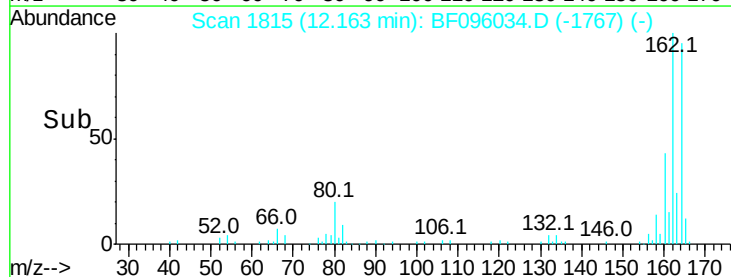
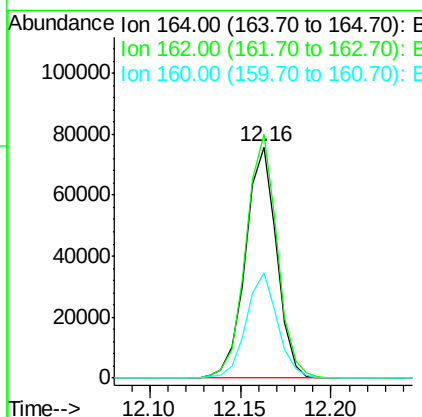
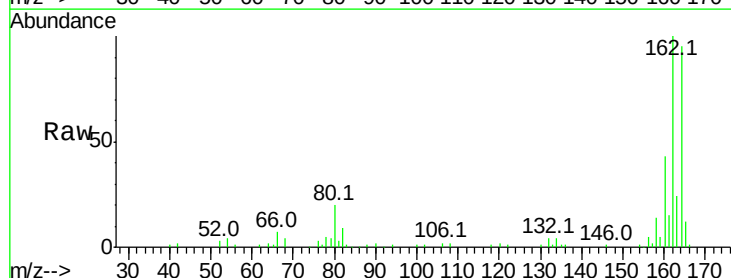
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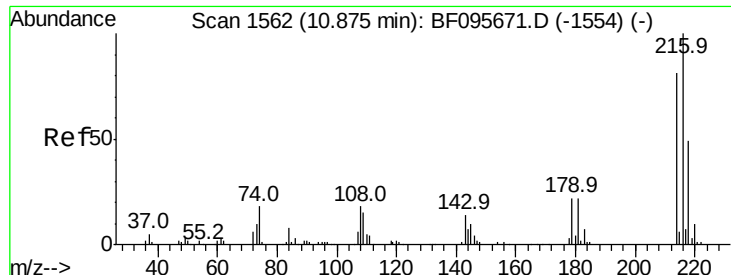
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#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 12.16 min Scan# 1815
Delta R.T. -0.02 min
Lab File: BF096034.D
Acq: 20 Jun 2017 8:30

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	90254		
162	105.2	82.6	123.8	
160	45.3	36.2	54.2	





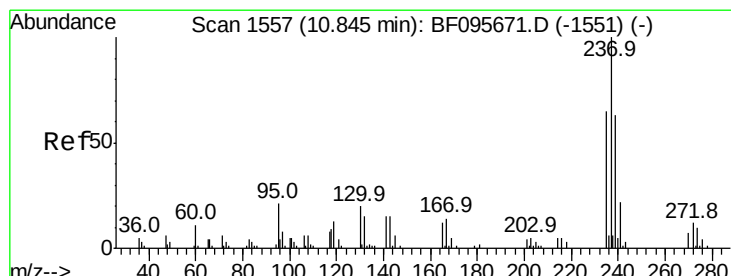
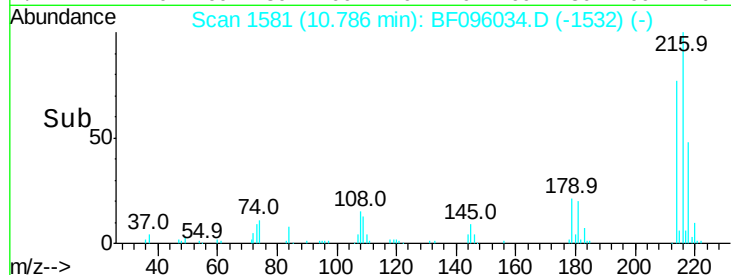
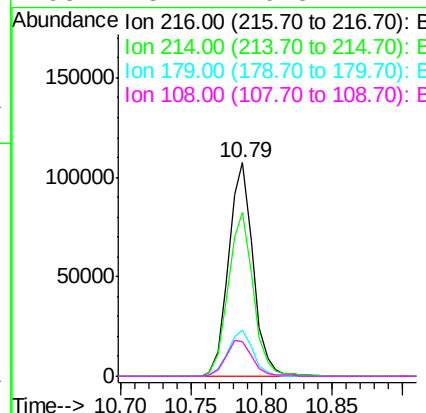
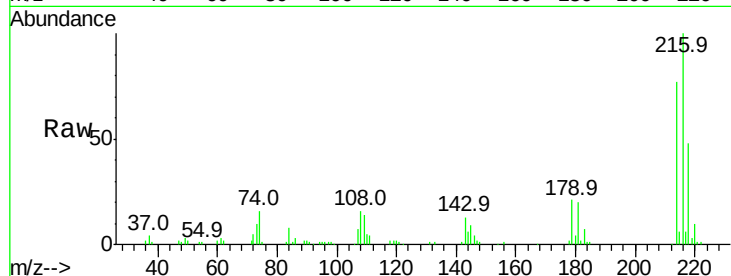
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 48.13 ng
 RT: 10.79 min Scan# 1581
 Delta R.T. -0.01 min
 Lab File: BF096034.D
 Acq: 20 Jun 2017 8:30

Instrument :
 BNA_F
 ClientSampleId :
 PB99828BS

Tot Ion	Ratio	Resp	Lower	Upper
216	100	130010		
214	77.7	63.4	95.2	
179	21.7	17.9	26.9	
108	18.2	16.5	24.7	

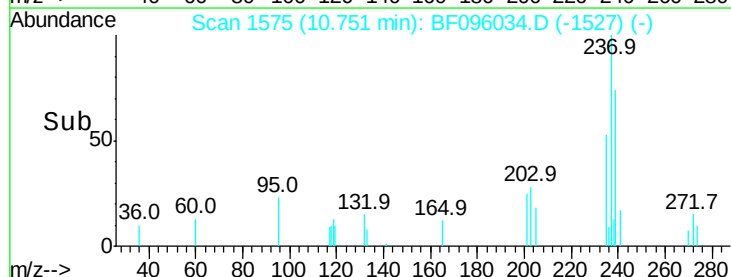
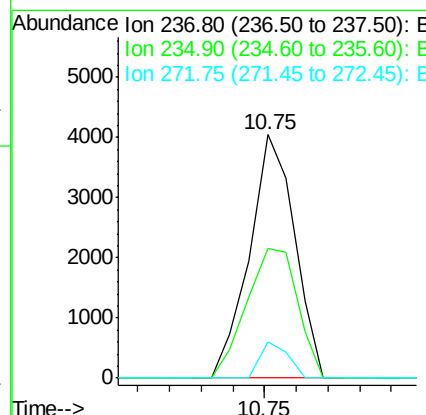
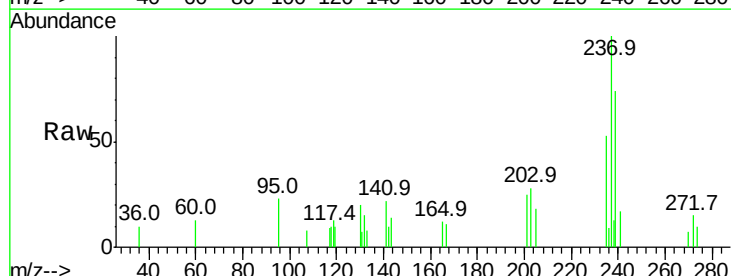
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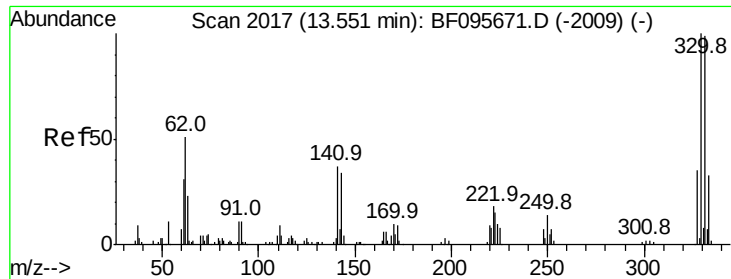
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#40
 Hexachlorocyclopentadiene
 Concen: 15.30 ng
 RT: 10.75 min Scan# 1575
 Delta R.T. -0.02 min
 Lab File: BF096034.D
 Acq: 20 Jun 2017 8:30

Tgt Ion	Ratio	Resp	Lower	Upper
237	100	3997		
235	53.3	42.6	82.6	
272	15.1	0.0	31.9	





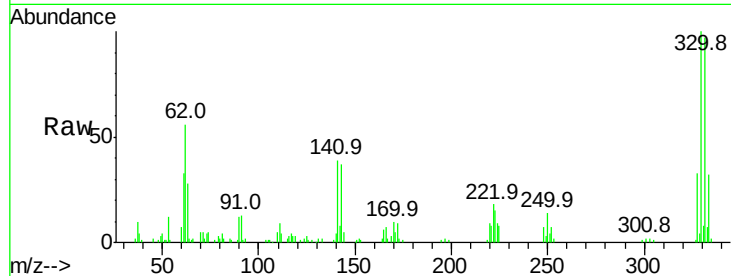
#41
 2,4,6-Tribromophenol
 Concen: 119.65 ng
 RT: 13.46 min Scan# 2036
 Delta R.T. -0.02 min
 Lab File: BF096034.D
 Acq: 20 Jun 2017 8:30

Instrument :
 BNA_F
 ClientSampleID :
 PB99828BS

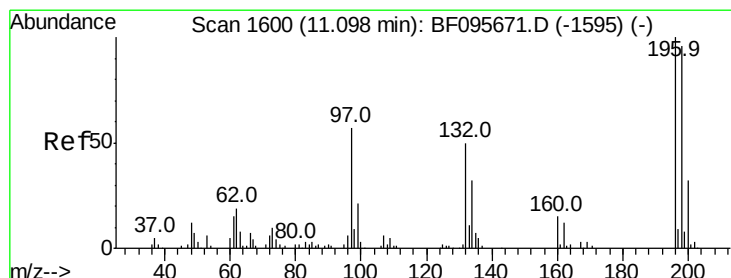
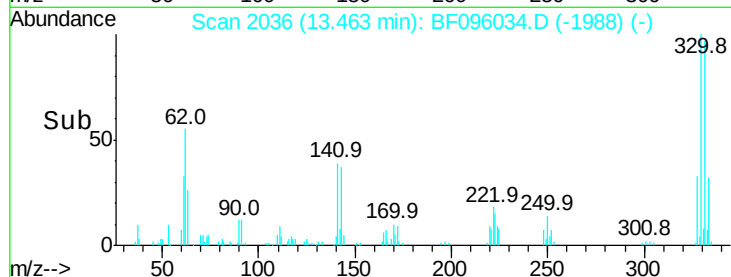
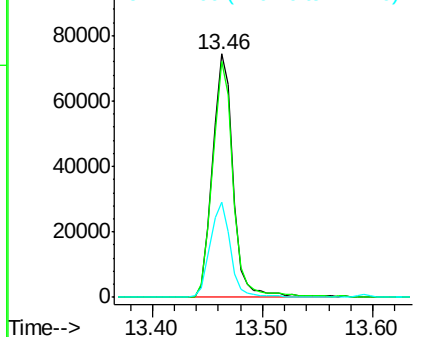
Tot Ion	Ratio	Resp	Lower	Upper
330	100			
332	96.6	76.6	115.0	
141	38.1	31.4	47.2	

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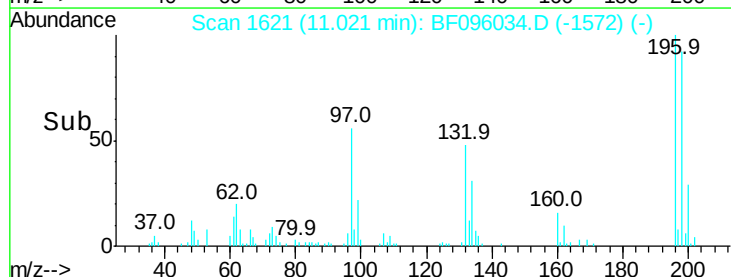
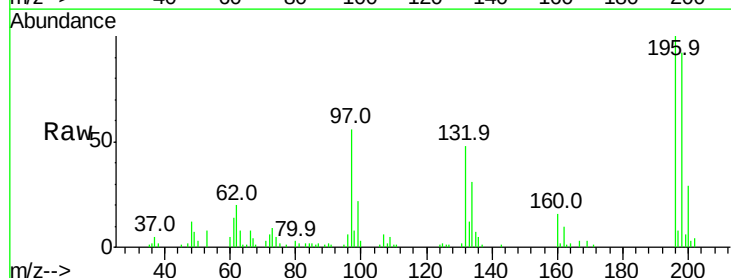
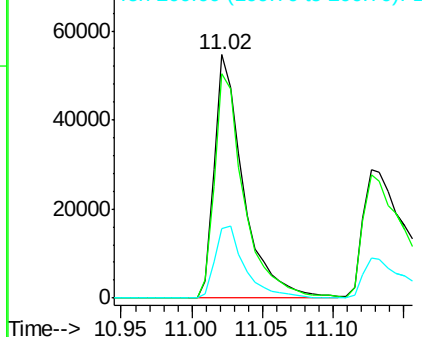
Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

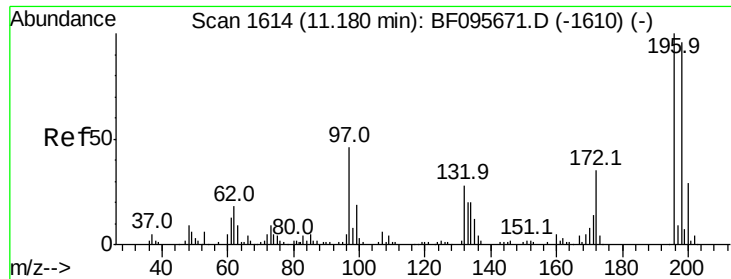


#42
 2,4,6-Trichlorophenol
 Concen: 45.19 ng
 RT: 11.02 min Scan# 1621
 Delta R.T. -0.01 min
 Lab File: BF096034.D
 Acq: 20 Jun 2017 8:30

Tgt Ion	Ratio	Resp	Lower	Upper
196	100			
198	92.4	74.2	111.4	
200	28.6	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





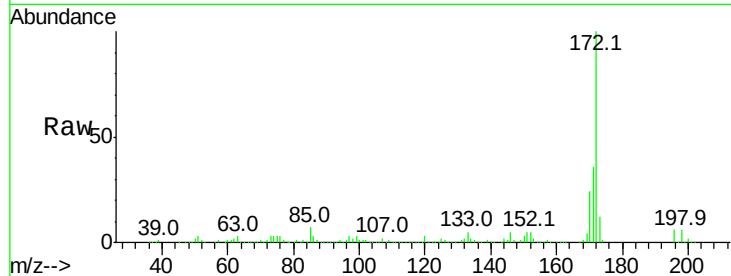
#43
 2,4,5-Trichlorophenol
 Concen: 40.60 ng
 RT: 11.13 min Scan# 1639
 Delta R.T. 0.00 min
 Lab File: BF096034.D
 Acq: 20 Jun 2017 8:30

Instrument :
 BNA_F
 ClientSampleId :
 PB99828BS

Tot Ion	Ratio	Resp	Lower	Upper
196	100	75002		
198	95.8	75.7	113.5	
97	54.2	47.7	71.5	
132	36.5	28.0	42.0	

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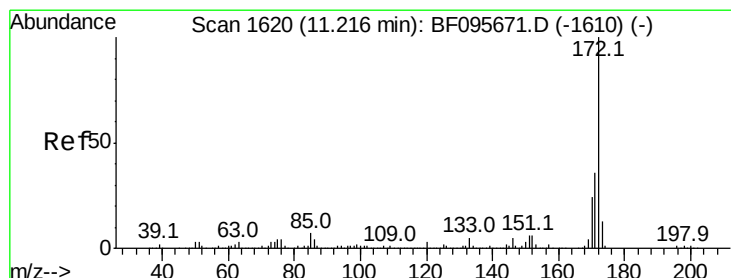
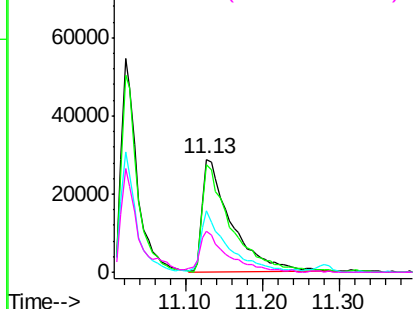
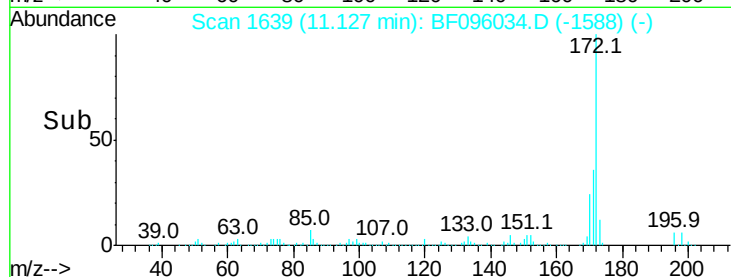
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

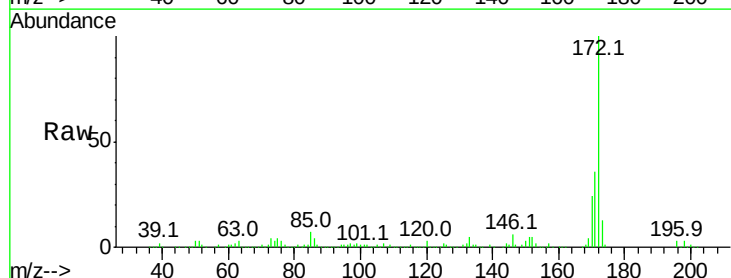
Ion 97.00 (96.70 to 97.70): BF0

Ion 132.00 (131.70 to 132.70): E



#44
 2-Fluorobiphenyl
 Concen: 102.24 ng
 RT: 11.12 min Scan# 1638
 Delta R.T. -0.02 min
 Lab File: BF096034.D
 Acq: 20 Jun 2017 8:30

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	663090		
171	35.6	29.6	44.4	
170	23.5	19.8	29.8	

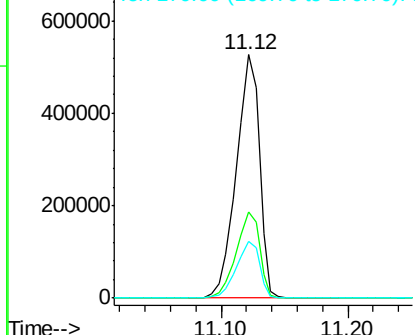
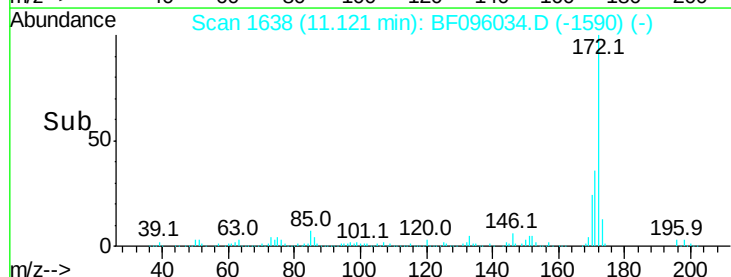


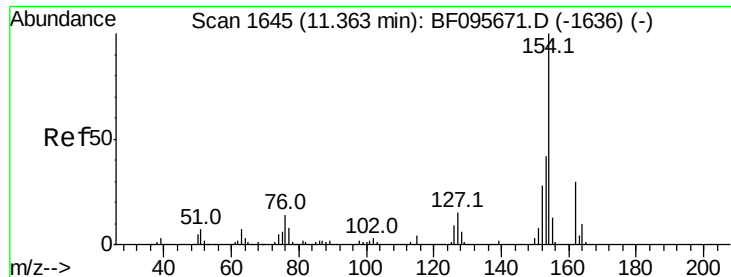
Abundance

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: 49.36 ng

RT: 11.27 min Scan# 1663

Delta R.T. -0.02 min

Lab File: BF096034.D

Acq: 20 Jun 2017 8:30

Instrument :

BNA_F

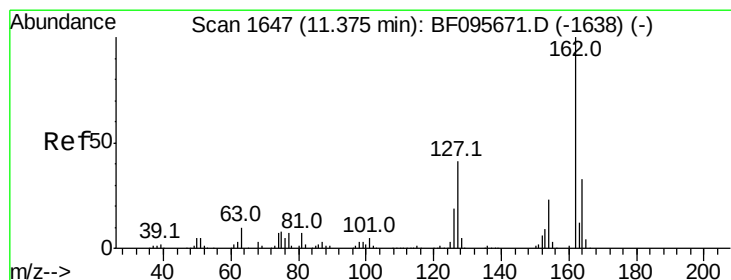
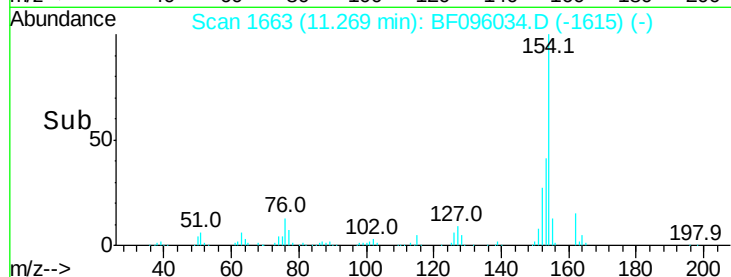
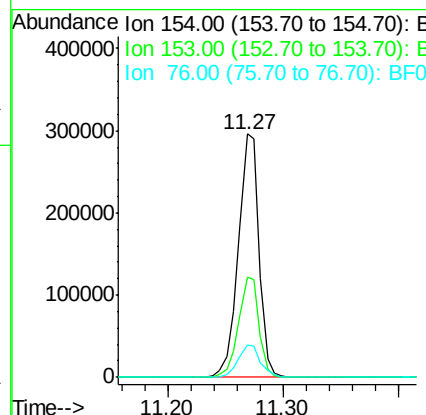
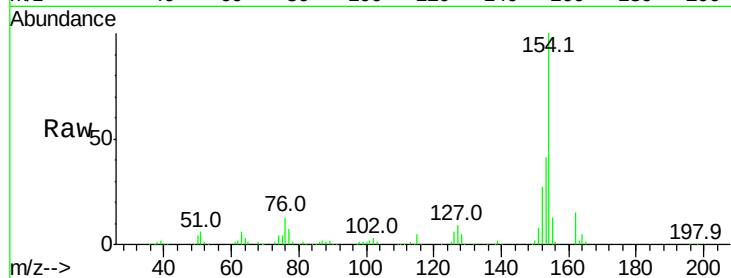
ClientSampleId :

PB99828BS

Tot Ion:	154	Resp:	367153
Ion Ratio	Lower	Upper	
154	100		
153	41.2	21.2	61.2
76	13.2	0.0	29.9

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#46

2-Chloronaphthalene

Concen: 47.67 ng

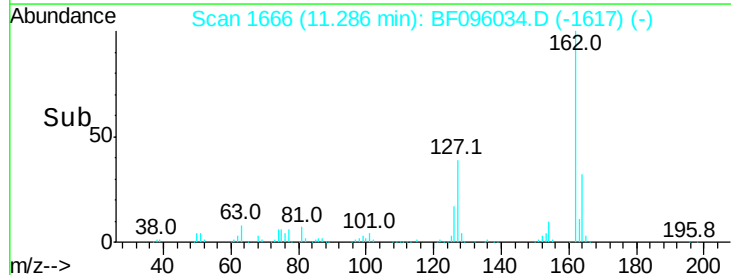
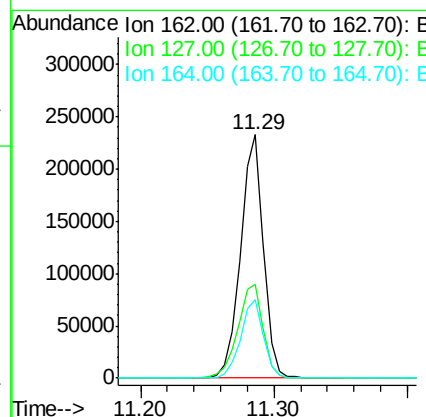
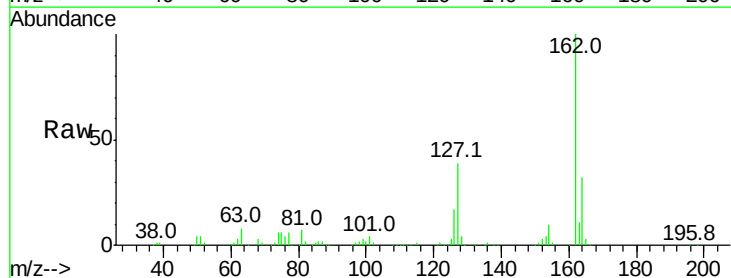
RT: 11.29 min Scan# 1666

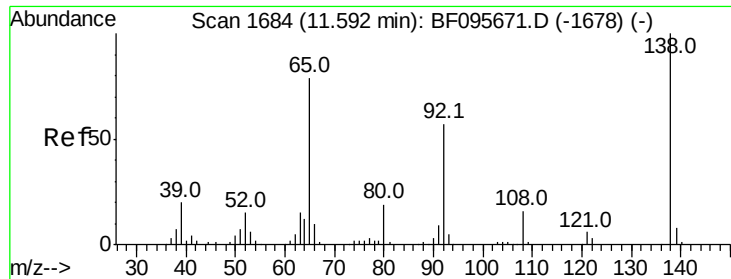
Delta R.T. -0.01 min

Lab File: BF096034.D

Acq: 20 Jun 2017 8:30

Tgt Ion:	162	Resp:	277043
Ion Ratio	Lower	Upper	
162	100		
127	38.7	28.3	42.5
164	32.1	27.0	40.4





#47

2-Nitroaniline

Concen: 49.85 ng

RT: 11.52 min Scan# 1705

Delta R.T. -0.01 min

Lab File: BF096034.D

Acq: 20 Jun 2017 8:30

Instrument :

BNA_F

ClientSampleId :

PB99828BS

Tot Ion: 65 Resp: 84779

Ion Ratio Lower Upper

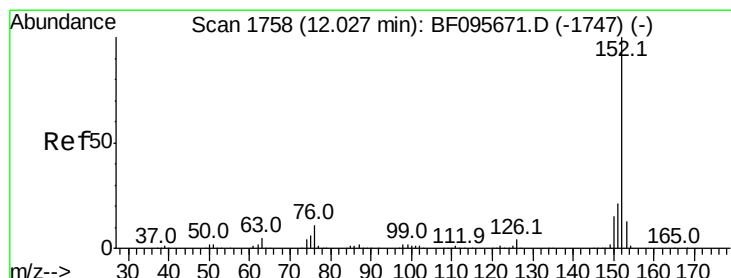
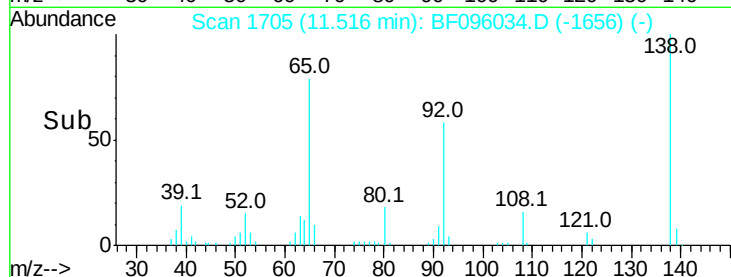
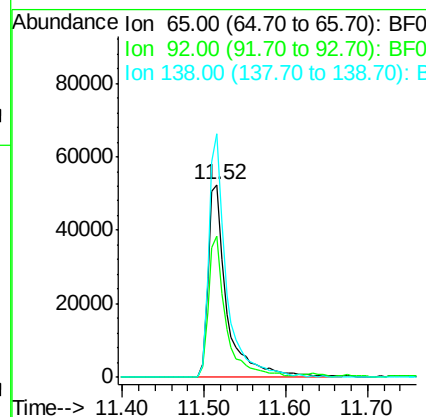
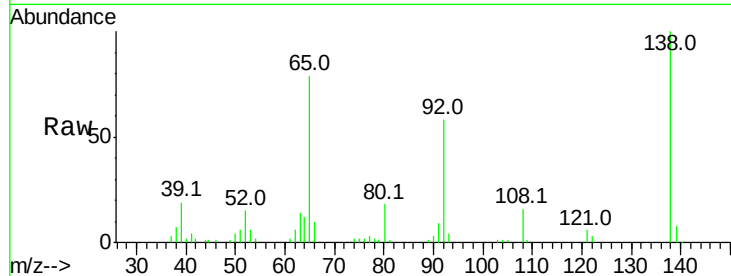
65 100

92 73.2 53.9 80.9

138 126.4 78.8 118.2#

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#48

Acenaphthylene

Concen: 42.10 ng

RT: 11.93 min Scan# 1776

Delta R.T. -0.02 min

Lab File: BF096034.D

Acq: 20 Jun 2017 8:30

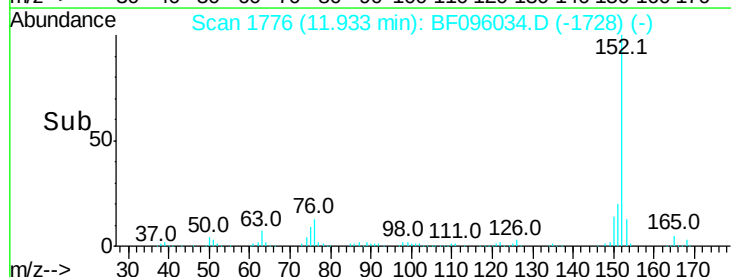
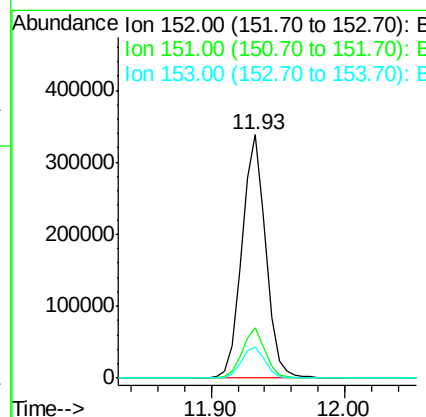
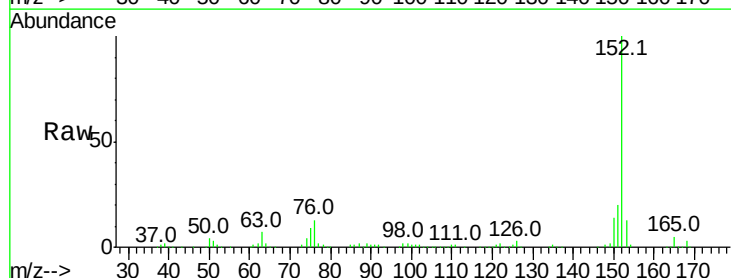
Tgt Ion: 152 Resp: 418404

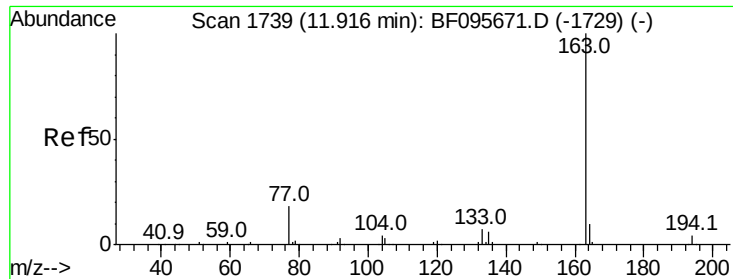
Ion Ratio Lower Upper

152 100

151 20.5 16.8 25.2

153 12.6 10.8 16.2





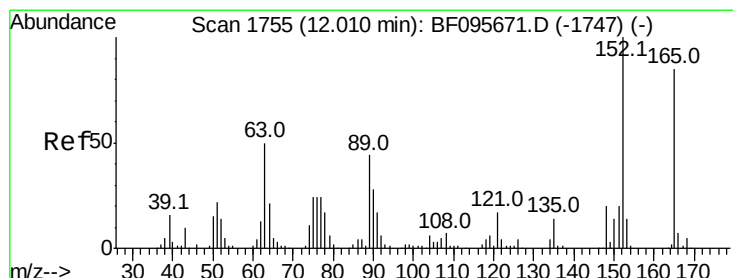
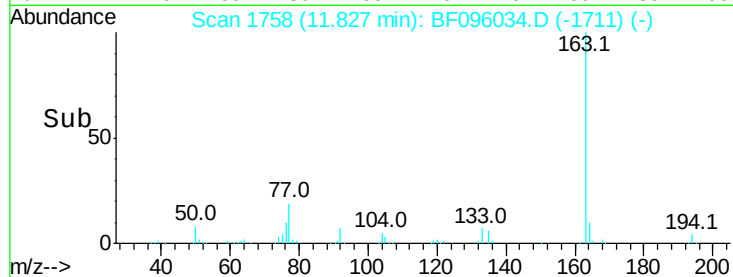
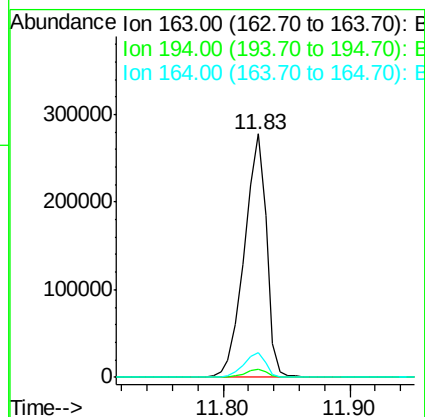
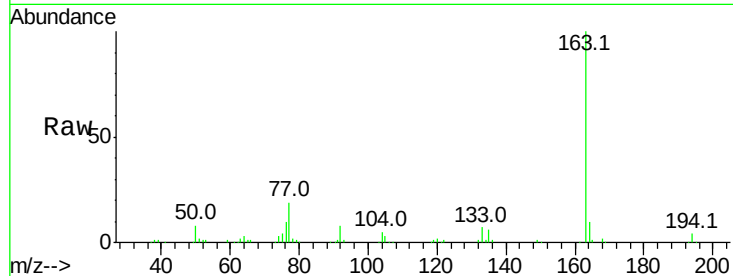
#49
Dimethylphthalate
Concen: 49.02 ng
RT: 11.83 min Scan# 1758
Delta R.T. -0.02 min
Lab File: BF096034.D
Acq: 20 Jun 2017 8:30

Instrument :
BNA_F
ClientSampleId :
PB99828BS

Tot Ion	Ratio	Resp Lower	Upper
163	100		
194	3.5	2.6	4.0
164	10.0	8.4	12.6

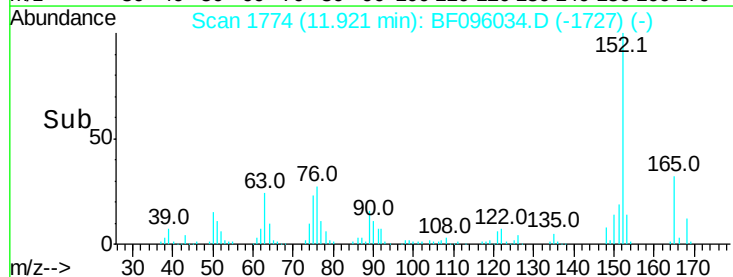
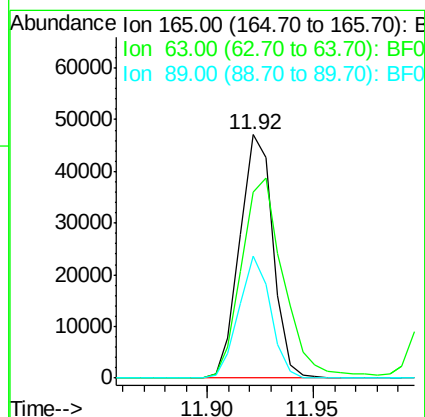
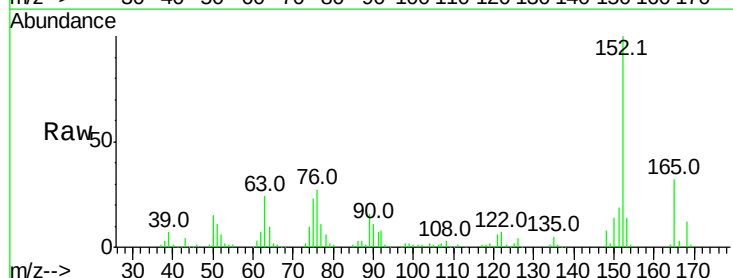
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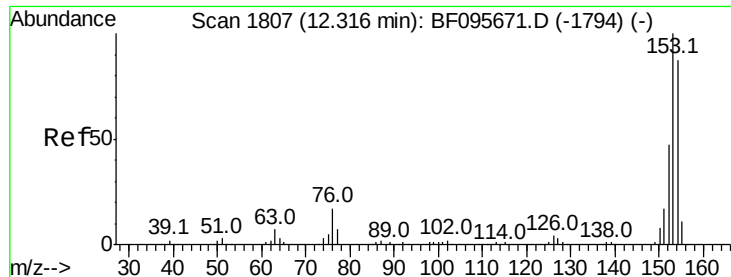
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#50
2,6-Dinitrotoluene
Concen: 34.45 ng
RT: 11.92 min Scan# 1774
Delta R.T. -0.02 min
Lab File: BF096034.D
Acq: 20 Jun 2017 8:30

Tgt Ion	Ratio	Resp Lower	Upper
165	100		
63	76.2	34.3	51.5#
89	50.0	37.1	55.7





#51

Acenaphthene

Concen: 41.82 ng

RT: 12.22 min Scan# 1824

Delta R.T. -0.02 min

Lab File: BF096034.D

Acq: 20 Jun 2017 8:30

Instrument :

BNA_F

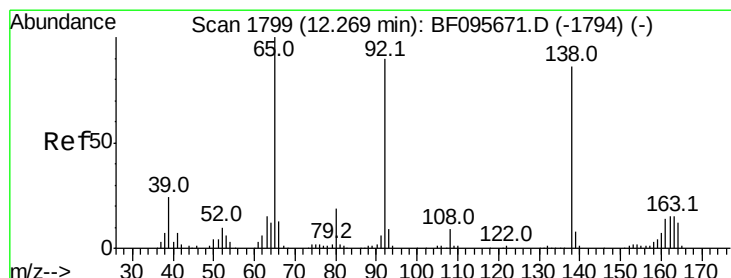
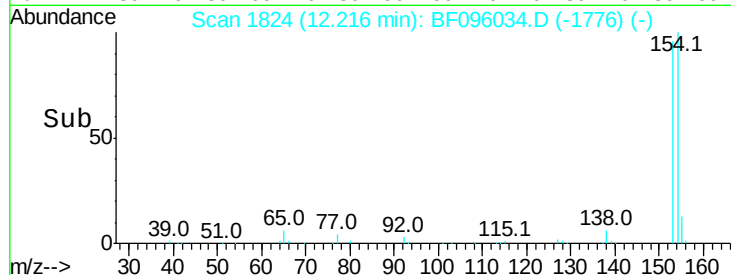
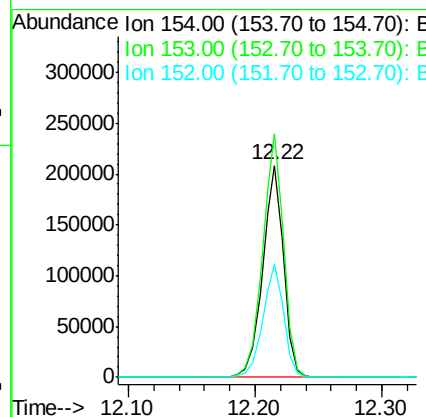
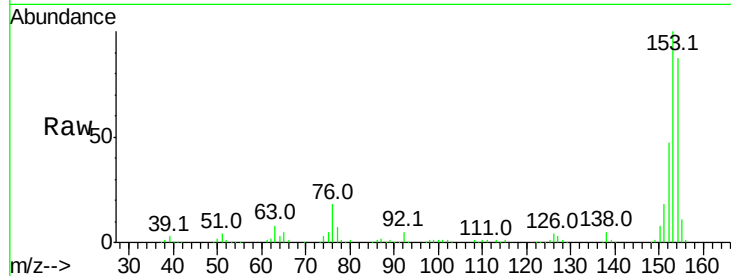
ClientSampleId :

PB99828BS

Tot Ion:	154	Resp:	240039
Ion Ratio	Lower	Upper	
154	100		
153	114.9	90.5	135.7
152	53.5	43.6	65.4

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#52

3-Nitroaniline

Concen: 48.08 ng

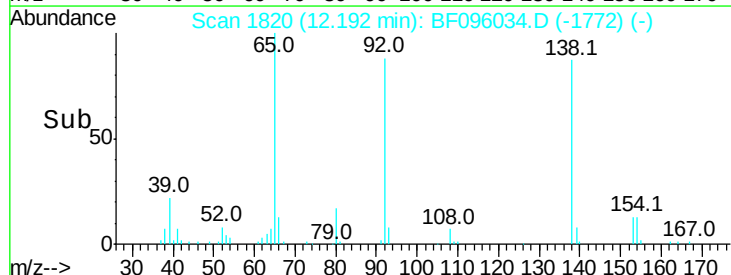
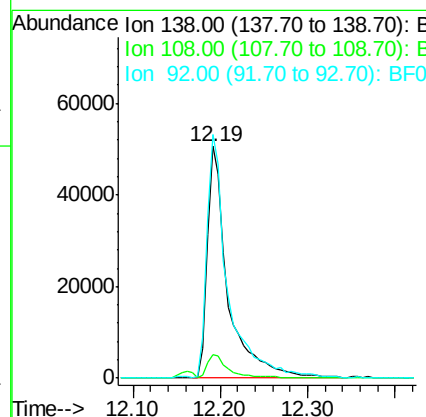
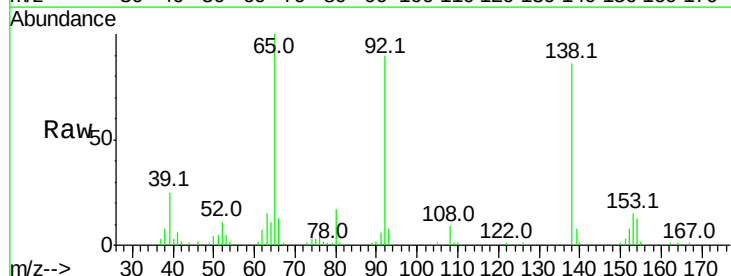
RT: 12.19 min Scan# 1820

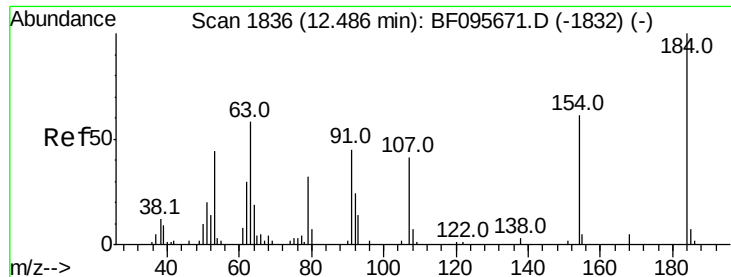
Delta R.T. -0.02 min

Lab File: BF096034.D

Acq: 20 Jun 2017 8:30

Tgt Ion:	138	Resp:	83737
Ion Ratio	Lower	Upper	
138	100		
108	10.2	9.1	13.7
92	105.1	93.8	140.6





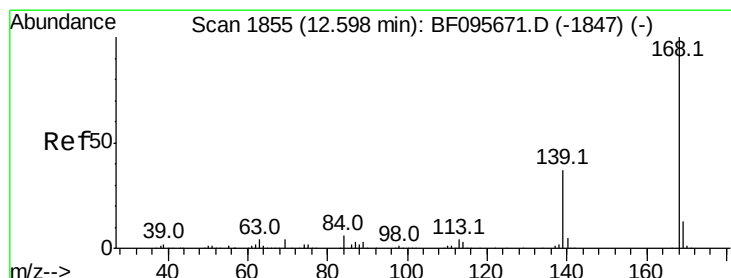
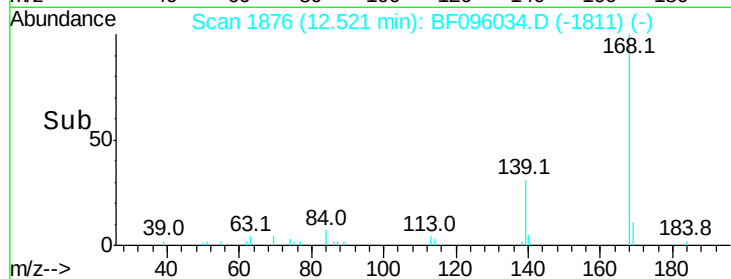
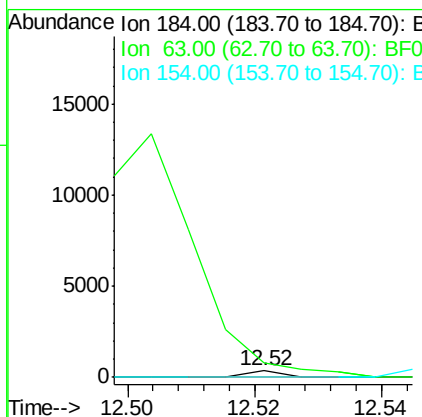
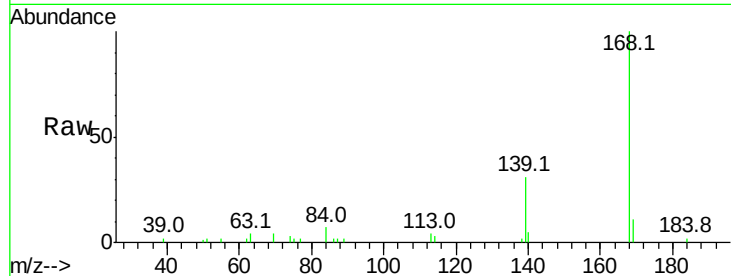
#53
 2,4-Dinitrophenol
 Concen: 6.61 ng
 RT: 12.52 min Scan# 1876
 Delta R.T. 0.08 min
 Lab File: BF096034.D
 Acq: 20 Jun 2017 8:30

Instrument :
 BNA_F
 ClientSampleId :
 PB99828BS

Tot Ion	Ratio	Lower	Upper
184	100		
63	226.3	62.7	94.1#
154	0.0	81.1	121.7#

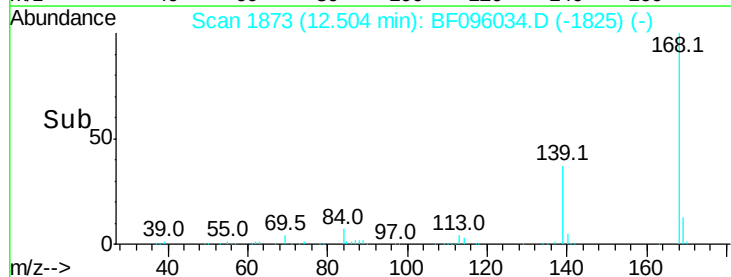
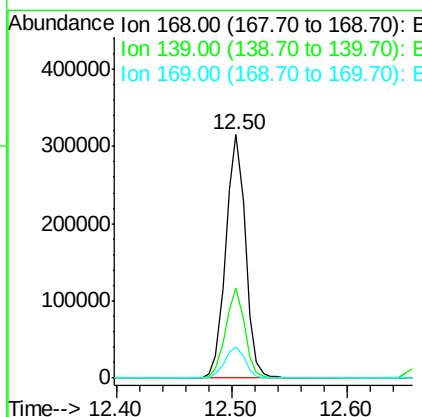
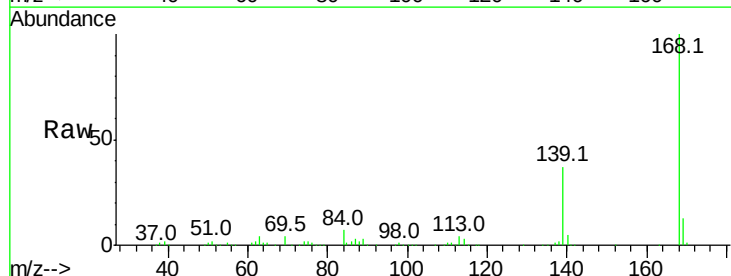
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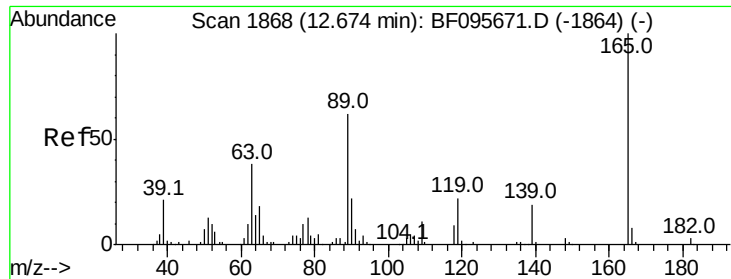
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#54
 Dibenzofuran
 Concen: 45.98 ng
 RT: 12.50 min Scan# 1873
 Delta R.T. -0.02 min
 Lab File: BF096034.D
 Acq: 20 Jun 2017 8:30

Tgt Ion	Ratio	Lower	Upper
168	100		
139	37.0	30.6	45.8
169	12.6	10.8	16.2





#55

4-Nitrophenol

Concen: 55.04 ng

RT: 12.66 min Scan# 1899

Delta R.T. 0.01 min

Lab File: BF096034.D

Acq: 20 Jun 2017 8:30

Instrument :

BNA_F

ClientSampleId :

PB99828BS

Tot Ion:139 Resp: 54403

Ion Ratio Lower Upper

139 100

109 56.9 34.1 74.1

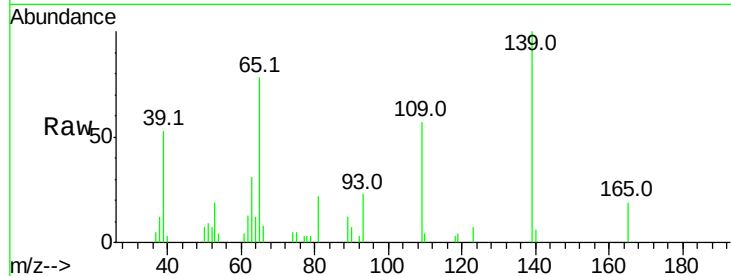
65 78.3 31.4 71.4#

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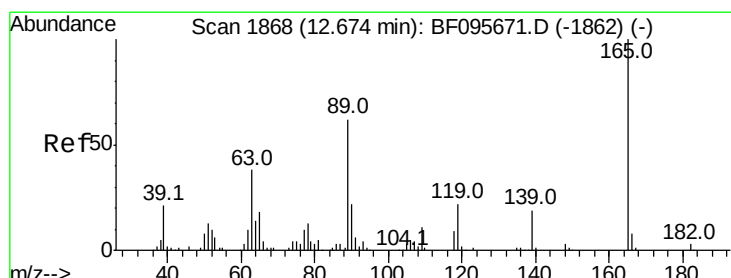
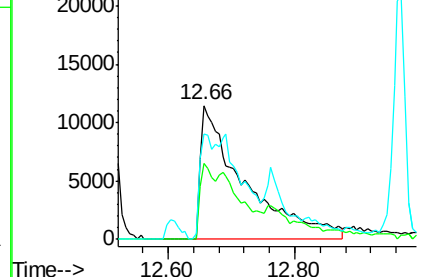
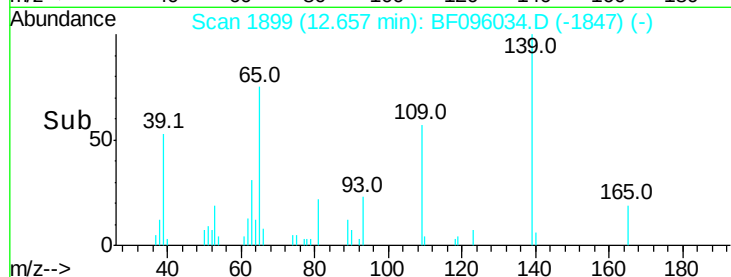
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Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF0



#56

2,4-Dinitrotoluene

Concen: 30.67 ng

RT: 12.60 min Scan# 1890

Delta R.T. -0.01 min

Lab File: BF096034.D

Acq: 20 Jun 2017 8:30

Tgt Ion:165 Resp: 61924

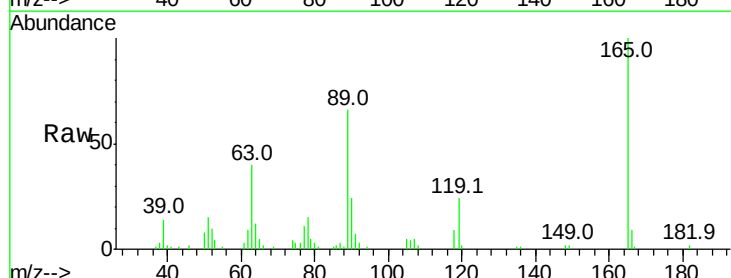
Ion Ratio Lower Upper

165 100

63 39.9 25.4 38.0#

89 66.0 46.4 69.6

182 2.1 1.8 2.6

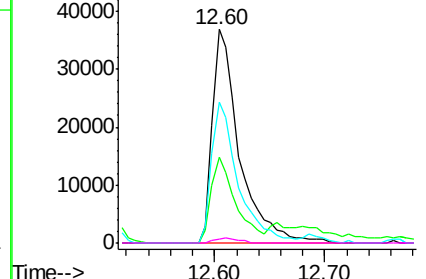
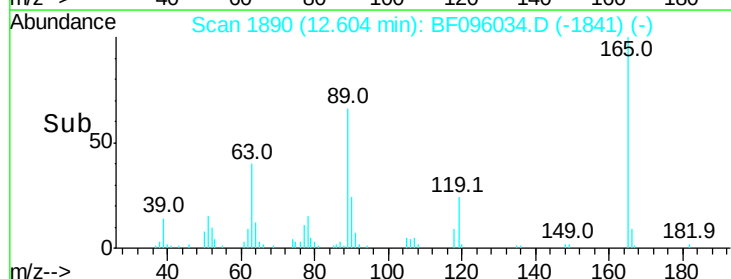


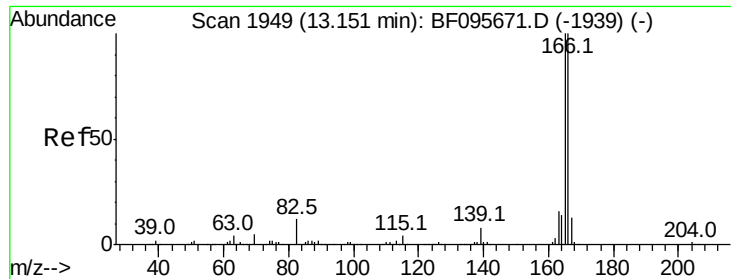
Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E





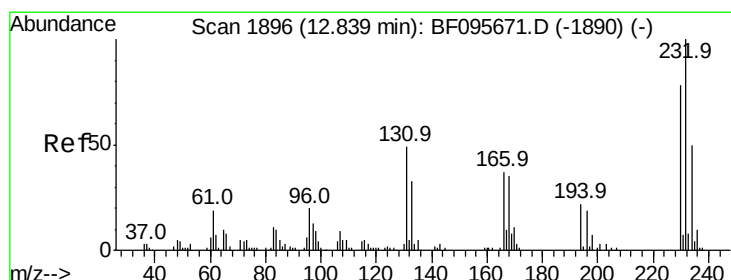
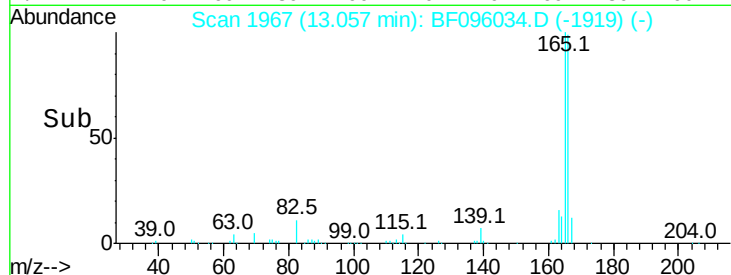
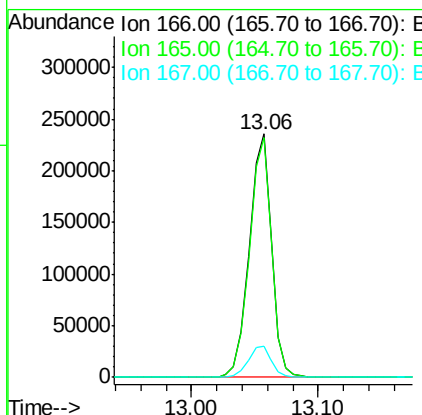
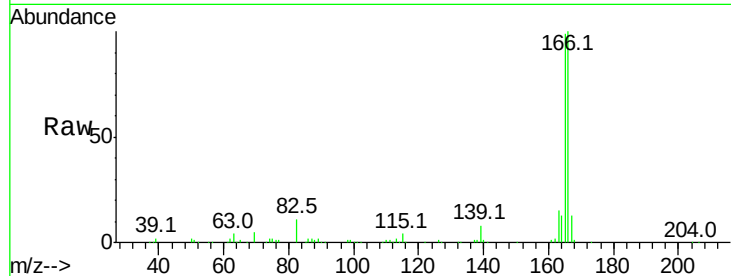
#57
Fluorene
Concen: 41.06 ng
RT: 13.06 min Scan# 1967
Delta R.T. -0.02 min
Lab File: BF096034.D
Acq: 20 Jun 2017 8:30

Instrument :
BNA_F
ClientSampleId :
PB99828BS

Tot Ion	Ratio	Resp	Lower	Upper
166	100	288635		
165	98.6		78.8	118.2
167	12.7		10.6	16.0

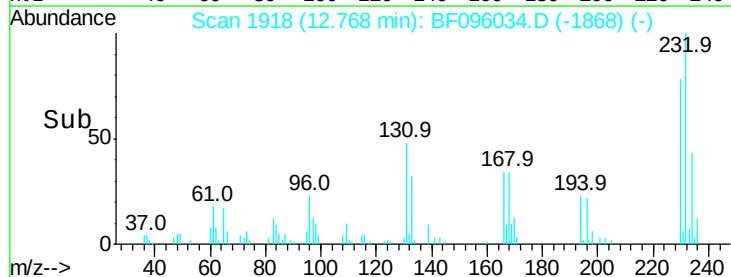
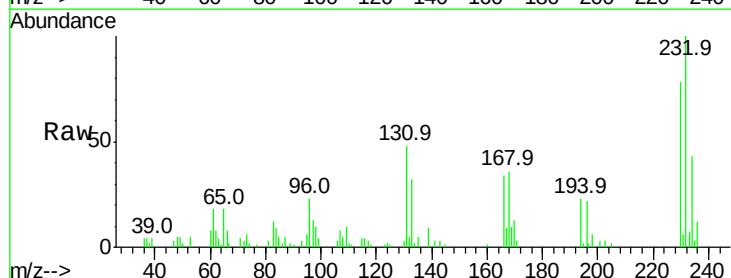
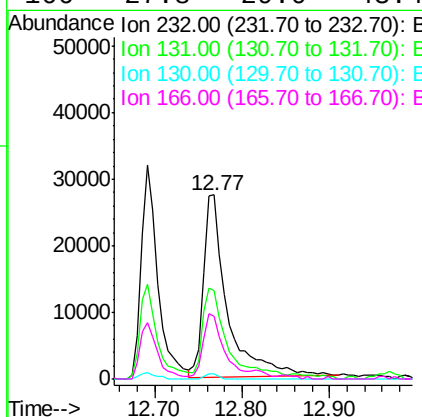
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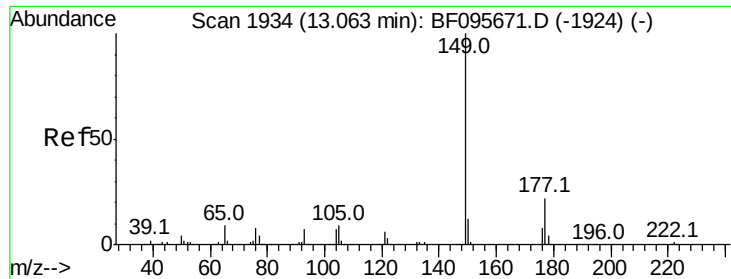
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#58
2,3,4,6-Tetrachlorophenol
Concen: 41.37 ng
RT: 12.77 min Scan# 1918
Delta R.T. -0.01 min
Lab File: BF096034.D
Acq: 20 Jun 2017 8:30

Tgt Ion	Ratio	Resp	Lower	Upper
232	100	52284		
131	46.3		44.8	67.2
130	1.7		2.3	3.5#
166	27.8		29.0	43.4#





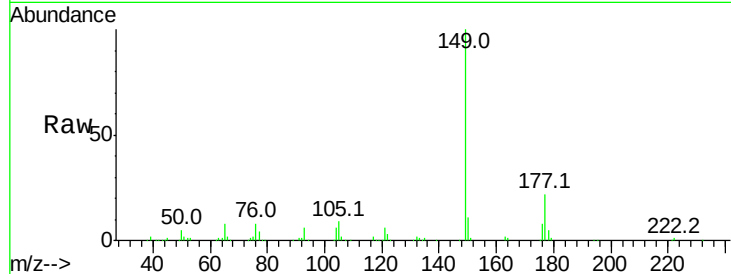
#59
Diethylphthalate
Concen: 47.77 ng
RT: 12.97 min Scan# 1952
Delta R.T. -0.02 min
Lab File: BF096034.D
Acq: 20 Jun 2017 8:30

Instrument :
BNA_F
ClientSampleId :
PB99828BS

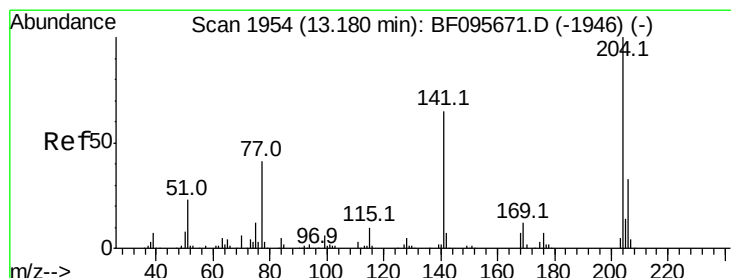
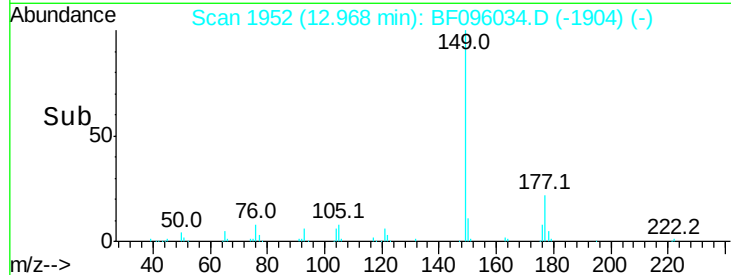
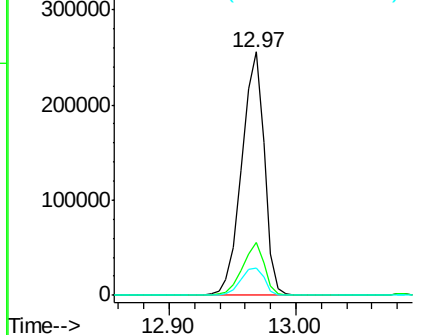
Tot Ion	Ratio	Resp	Lower	Upper
149	100	315045		
177	21.5	16.7	25.1	
150	11.5	10.2	15.2	

Manual Integrations
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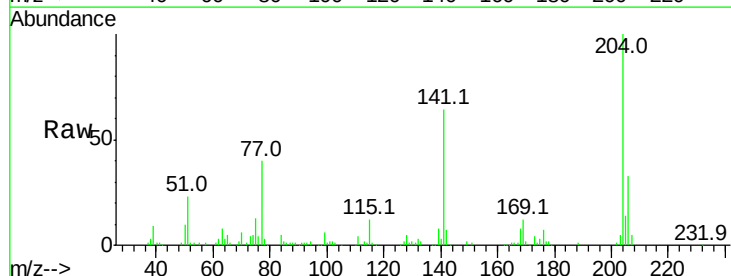


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

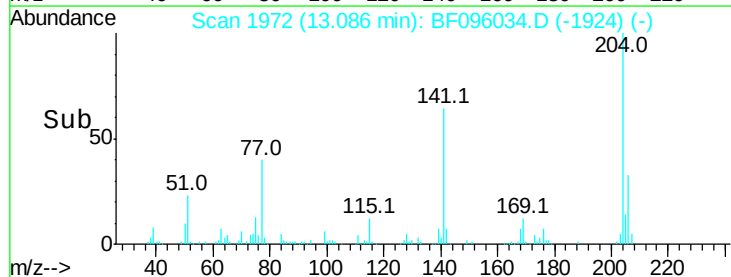
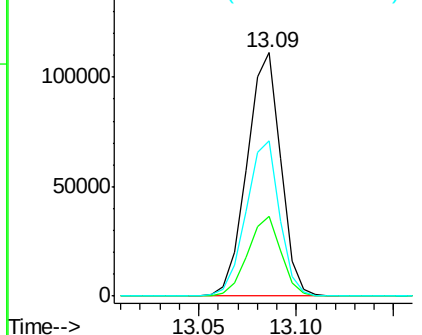


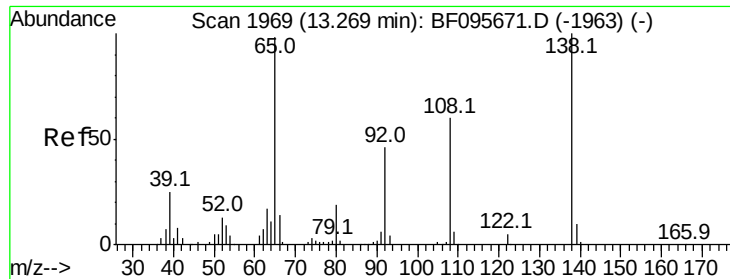
#60
4-Chlorophenyl-phenylether
Concen: 43.47 ng
RT: 13.09 min Scan# 1972
Delta R.T. -0.02 min
Lab File: BF096034.D
Acq: 20 Jun 2017 8:30

Tgt Ion	Ratio	Resp	Lower	Upper
204	100	132897		
206	32.5	26.2	39.2	
141	63.7	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





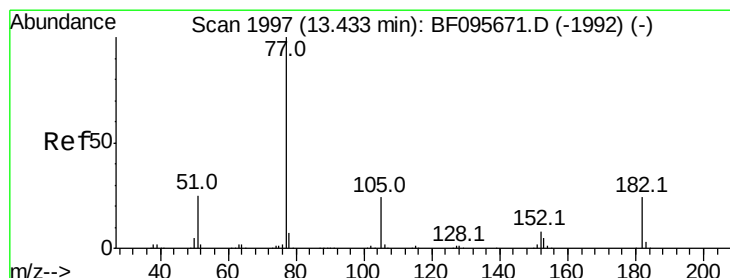
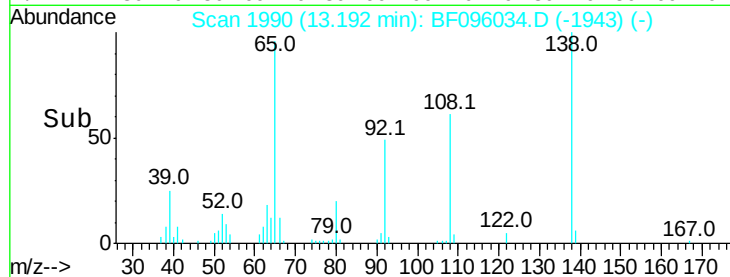
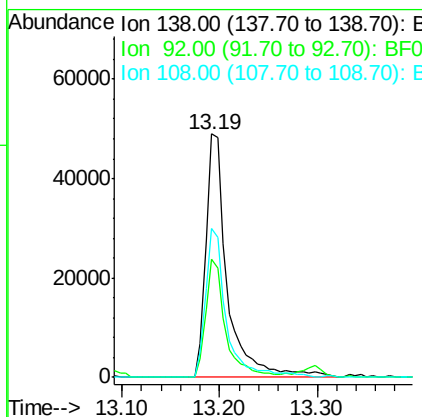
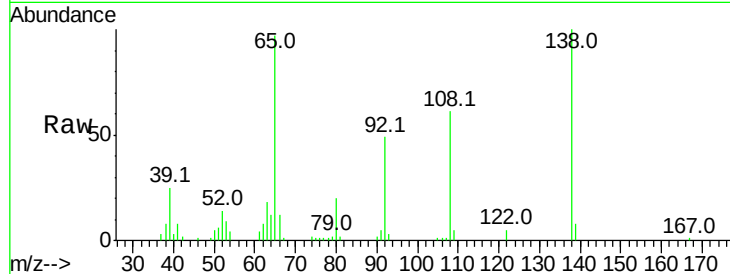
#61
 4-Nitroaniline
 Concen: 46.25 ng
 RT: 13.19 min Scan# 1990
 Delta R.T. -0.02 min
 Lab File: BF096034.D
 Acq: 20 Jun 2017 8:30

Instrument :
 BNA_F
 ClientSampleId :
 PB99828BS

Tot Ion:	138	Resp:	75204
Ion Ratio	Lower	Upper	
138	100		
92	48.7	21.8	61.8
108	61.2	42.3	82.3

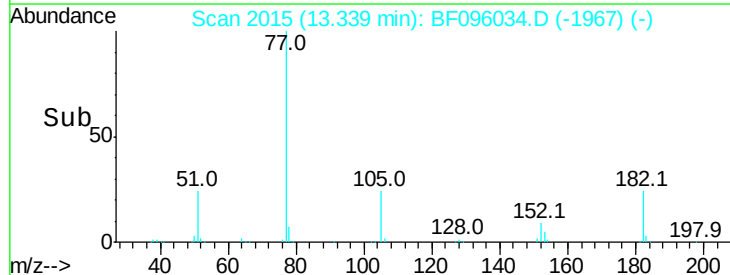
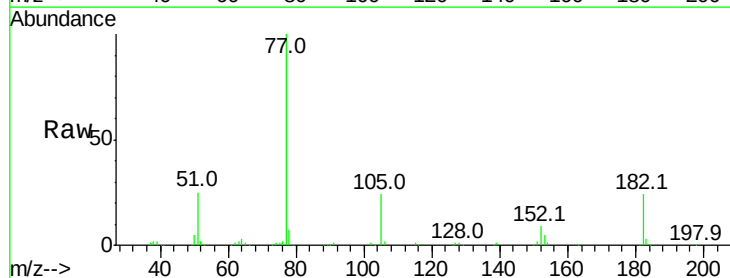
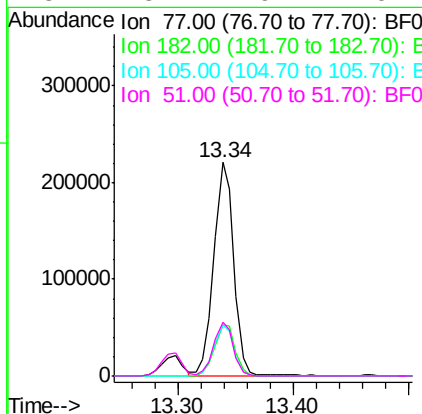
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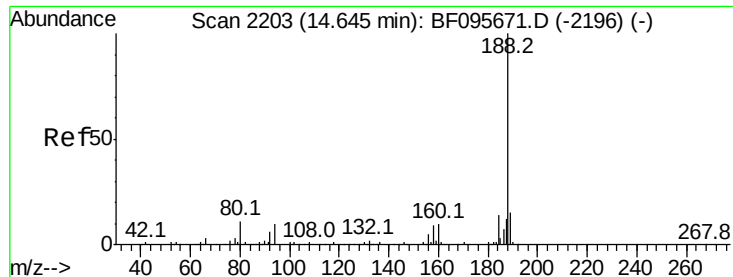
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#62
 Azobenzene
 Concen: 44.63 ng
 RT: 13.34 min Scan# 2015
 Delta R.T. -0.02 min
 Lab File: BF096034.D
 Acq: 20 Jun 2017 8:30

Tgt Ion:	77	Resp:	266775
Ion Ratio	Lower	Upper	
77	100		
182	23.9	0.1	40.1
105	24.0	3.6	43.6
51	25.1	9.4	49.4





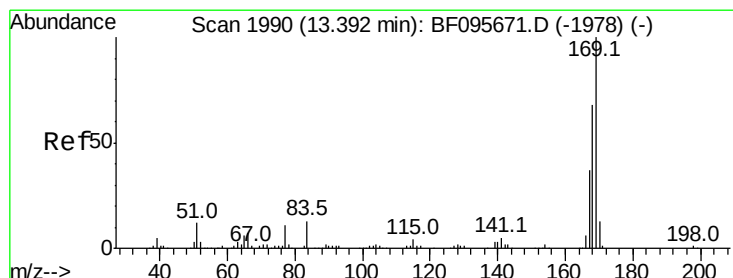
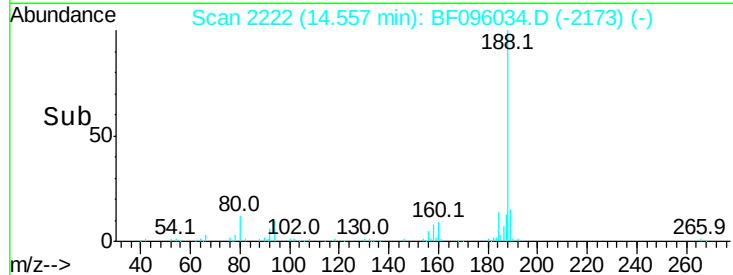
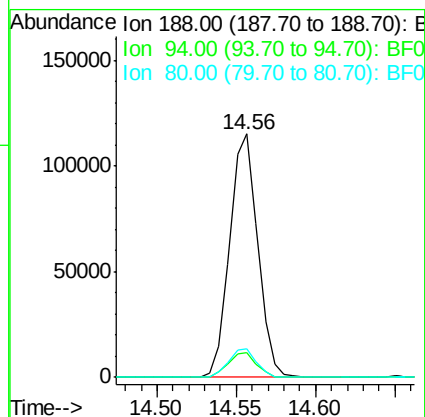
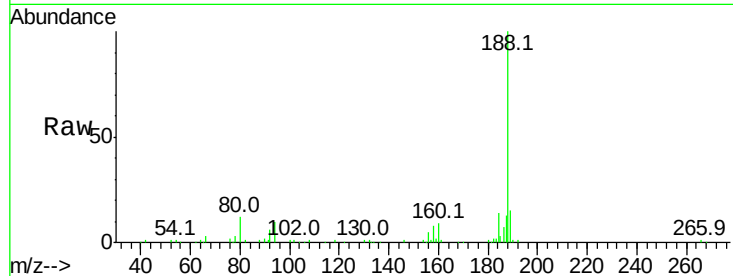
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 14.56 min Scan# 2222
Delta R.T. -0.01 min
Lab File: BF096034.D
Acq: 20 Jun 2017 8:30

Instrument :
BNA_F
ClientSampleId :
PB99828BS

Tot Ion	Ratio	Resp Lower	Resp Upper
188	100		
94	10.2	9.4	14.2
80	11.8	10.2	15.2

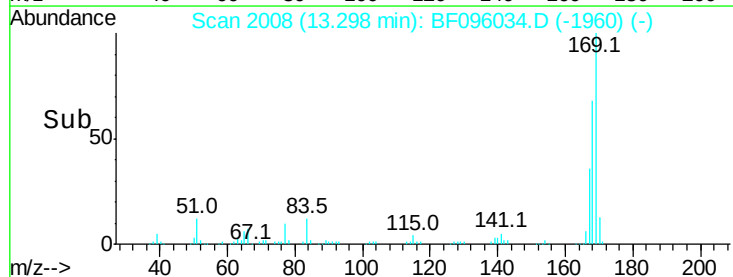
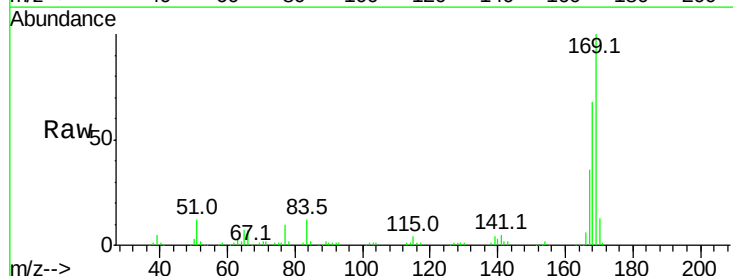
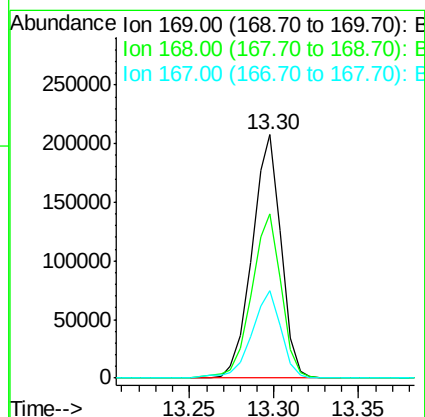
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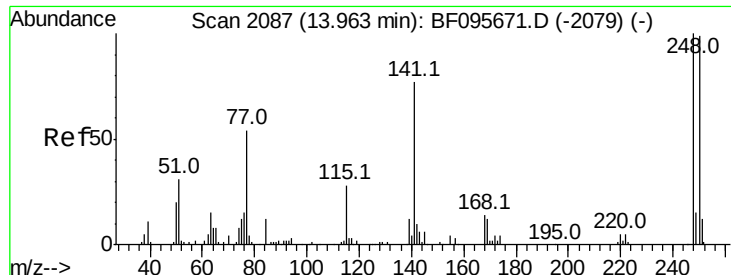
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#65
n-Nitrosodiphenylamine
Concen: 48.63 ng
RT: 13.30 min Scan# 2008
Delta R.T. -0.02 min
Lab File: BF096034.D
Acq: 20 Jun 2017 8:30

Tgt Ion	Ratio	Resp Lower	Resp Upper
169	100		
168	67.5	53.2	79.8
167	35.7	29.5	44.3





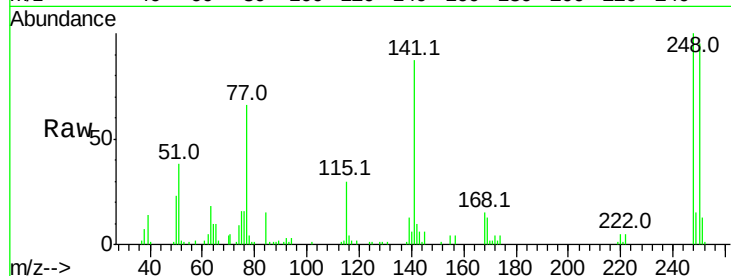
#66
4-Bromophenyl-phenylether
Concen: 47.94 ng
RT: 13.86 min Scan# 2104
Delta R.T. -0.02 min
Lab File: BF096034.D
Acq: 20 Jun 2017 8:30

Instrument :
BNA_F
ClientSampleId :
PB99828BS

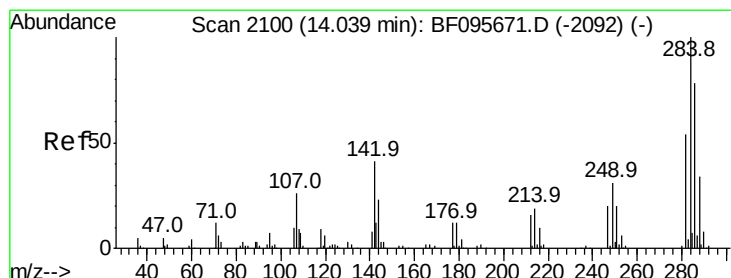
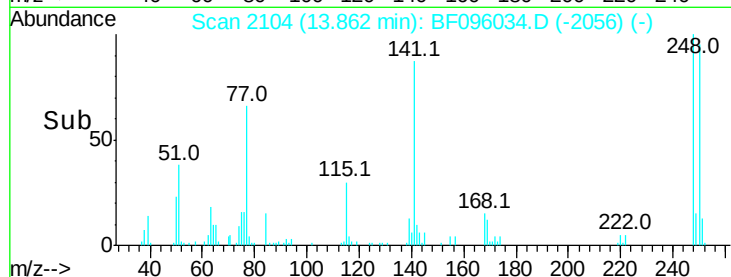
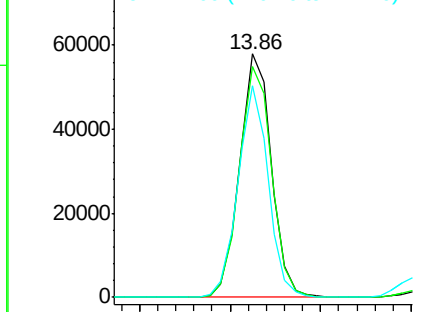
Tot Ion	Ratio	Lower	Upper
248	100		
250	95.0	76.8	115.2
141	86.8	68.6	103.0

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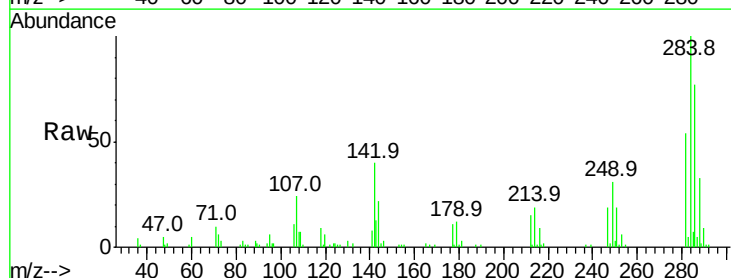


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

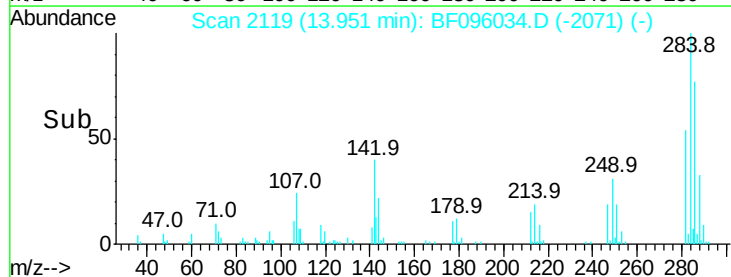
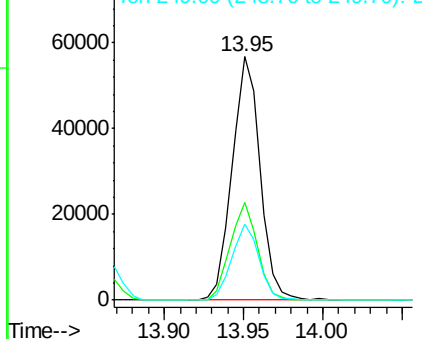


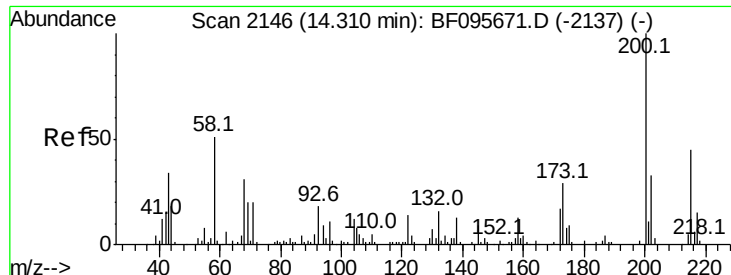
#67
Hexachlorobenzene
Concen: 47.78 ng
RT: 13.95 min Scan# 2119
Delta R.T. -0.02 min
Lab File: BF096034.D
Acq: 20 Jun 2017 8:30

Tgt Ion	Ratio	Lower	Upper
284	100		
142	40.4	22.8	34.2#
249	31.2	24.0	36.0



Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E





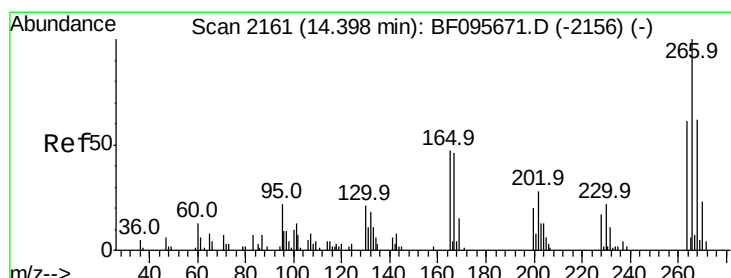
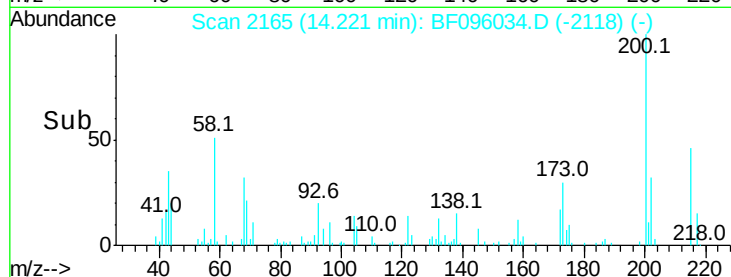
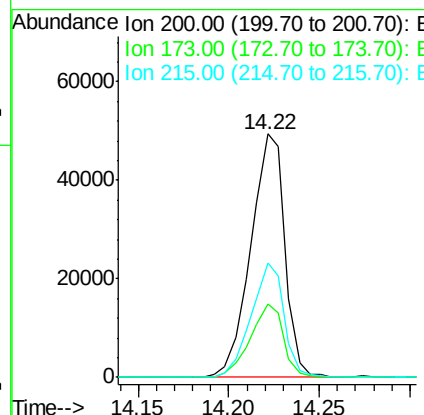
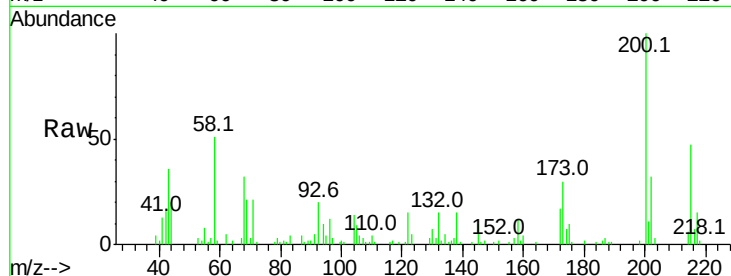
#68
Atrazine
Concen: 45.75 ng
RT: 14.22 min Scan# 2165
Delta R.T. -0.02 min
Lab File: BF096034.D
Acq: 20 Jun 2017 8:30

Instrument :
BNA_F
ClientSampleId :
PB99828BS

Tot Ion	Ratio	Resp Lower	Upper
200	100		
173	30.2	6.3	46.3
215	47.0	27.2	67.2

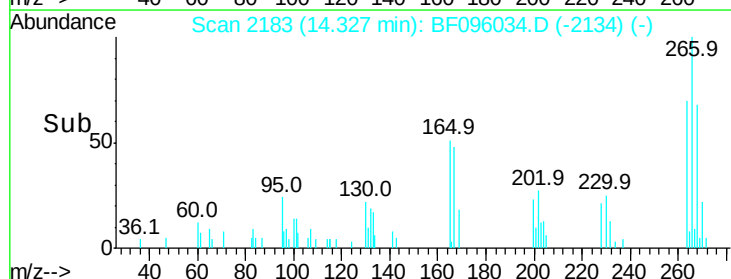
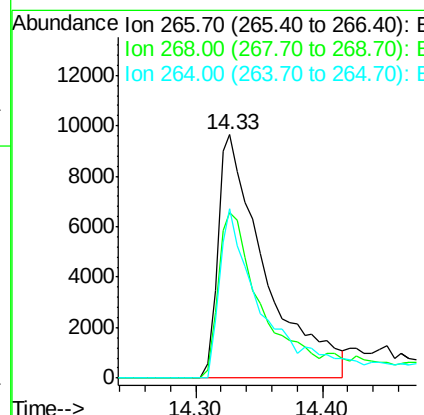
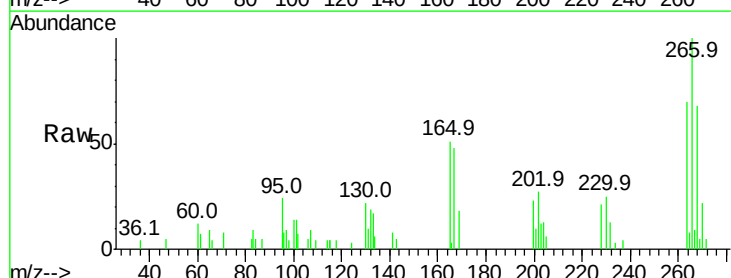
Manual Integrations
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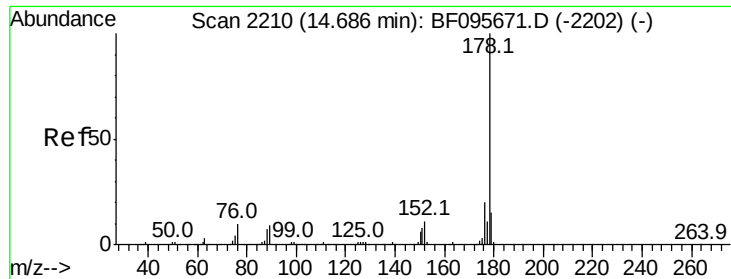
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#69
Pentachlorophenol
Concen: 48.56 ng
RT: 14.33 min Scan# 2183
Delta R.T. -0.01 min
Lab File: BF096034.D
Acq: 20 Jun 2017 8:30

Tgt Ion	Ratio	Resp Lower	Upper
266	100		
268	68.0	51.1	76.7
264	69.8	51.7	77.5





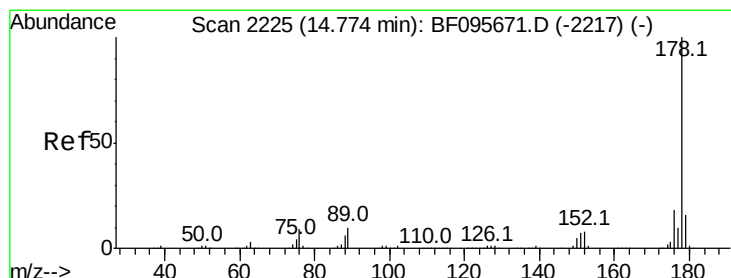
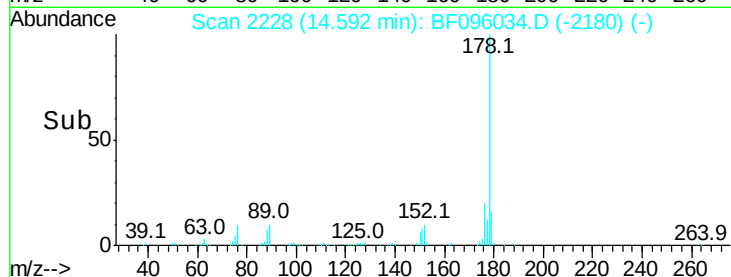
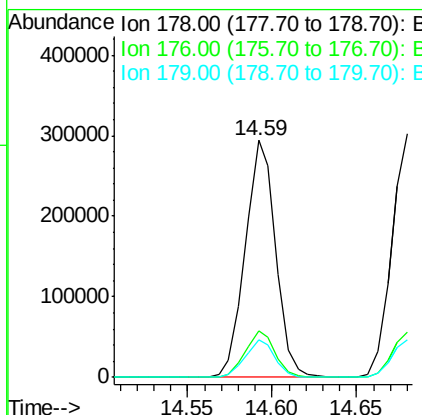
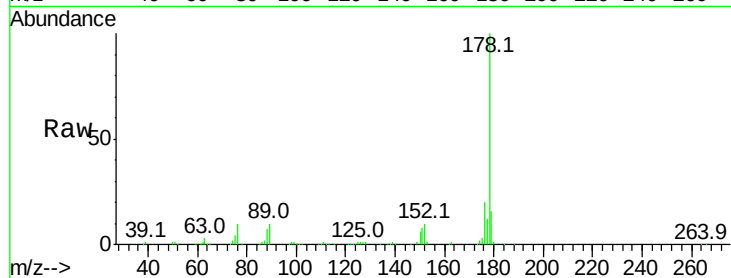
#70
Phenanthrene
Concen: 45.43 ng
RT: 14.59 min Scan# 2228
Delta R.T. -0.02 min
Lab File: BF096034.D
Acq: 20 Jun 2017 8:30

Instrument :
BNA_F
ClientSampleId :
PB99828BS

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.7	16.2	24.4
179	15.6	12.6	19.0

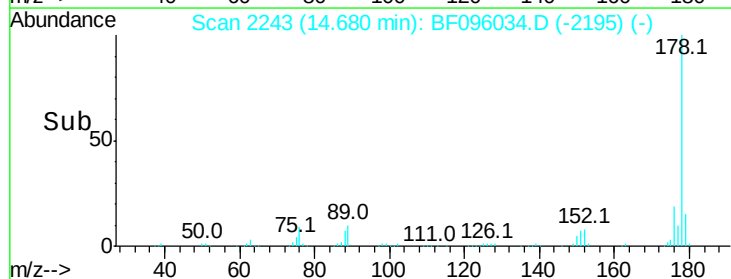
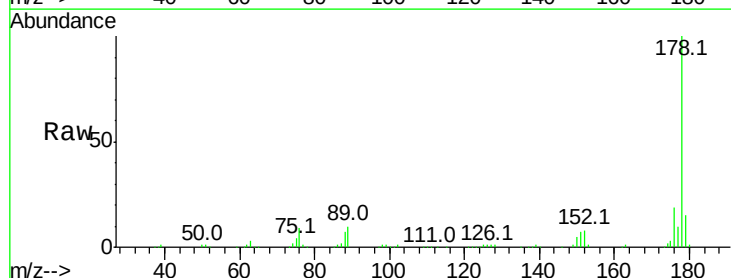
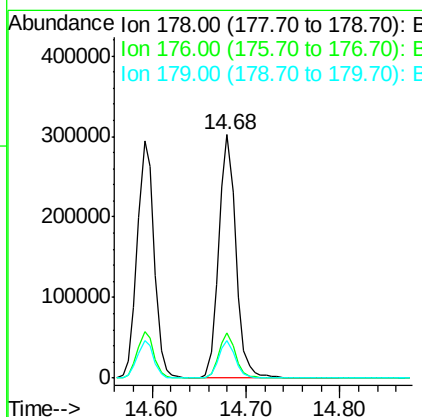
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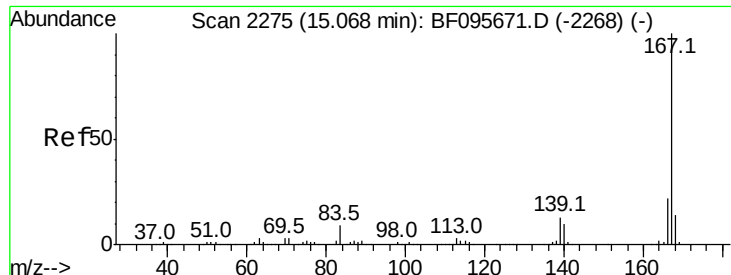
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#71
Anthracene
Concen: 45.50 ng
RT: 14.68 min Scan# 2243
Delta R.T. -0.02 min
Lab File: BF096034.D
Acq: 20 Jun 2017 8:30

Tgt Ion	Ratio	Lower	Upper
178	100		
176	18.7	15.8	23.8
179	15.4	12.7	19.1





#72

Carbazole

Concen: 42.89 ng

RT: 14.99 min Scan# 2295

Delta R.T. -0.01 min

Lab File: BF096034.D

Acq: 20 Jun 2017 8:30

Instrument :

BNA_F

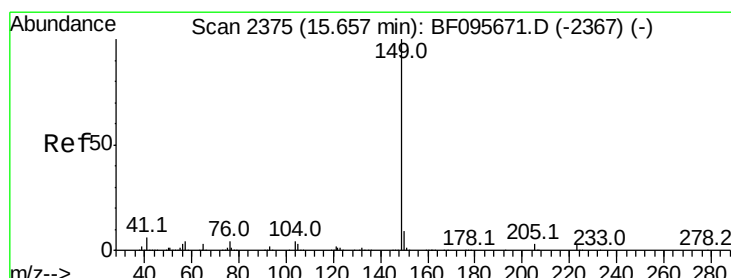
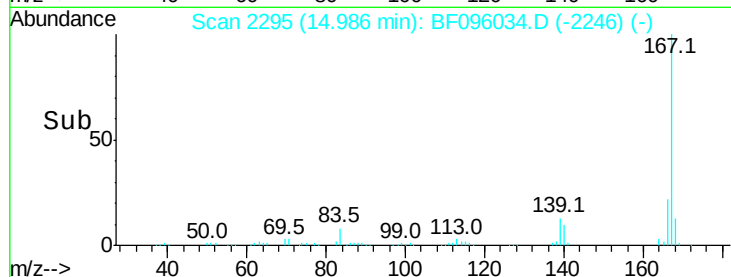
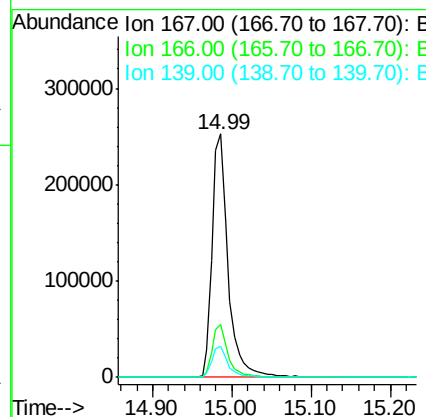
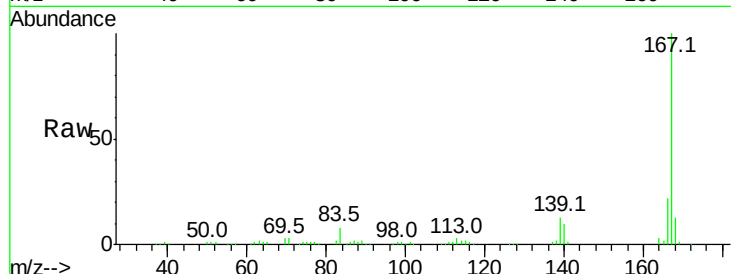
ClientSampleId :

PB99828BS

Tot Ion:	167	Resp:	355574
Ion Ratio	Lower	Upper	
167	100		
166	21.9	18.1	27.1
139	12.7	11.7	17.5

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#73

Di-n-butylphthalate

Concen: 50.53 ng

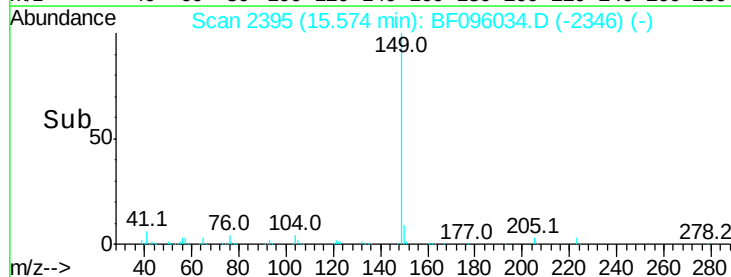
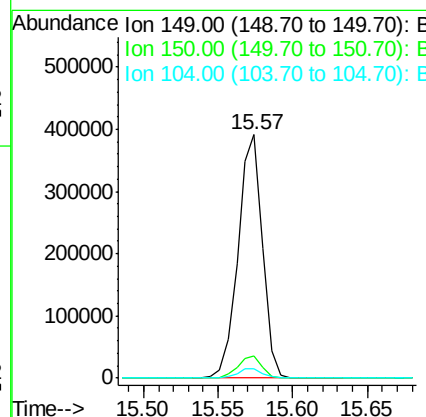
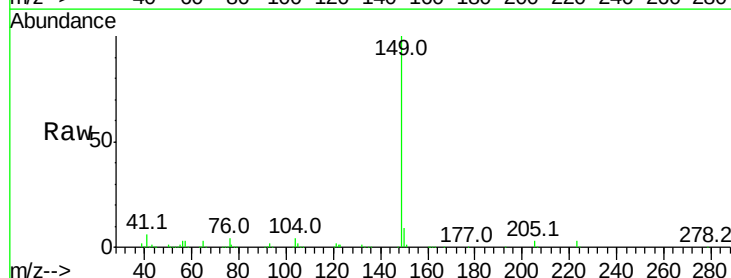
RT: 15.57 min Scan# 2395

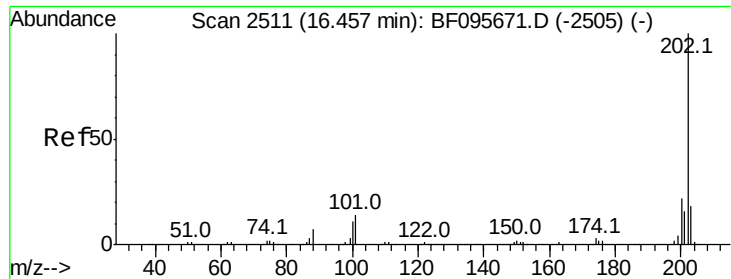
Delta R.T. -0.01 min

Lab File: BF096034.D

Acq: 20 Jun 2017 8:30

Tgt Ion:	149	Resp:	445679
Ion Ratio	Lower	Upper	
149	100		
150	8.9	7.7	11.5
104	4.0	4.0	6.0





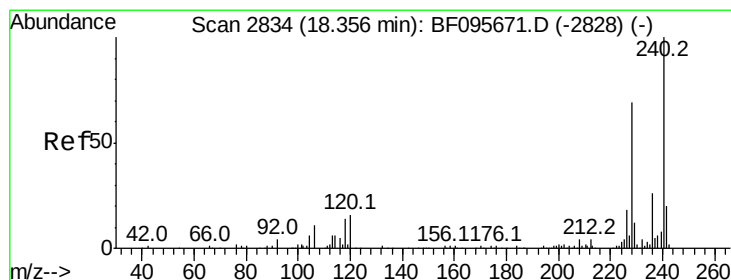
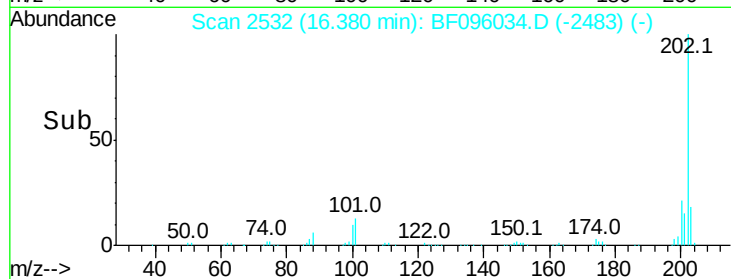
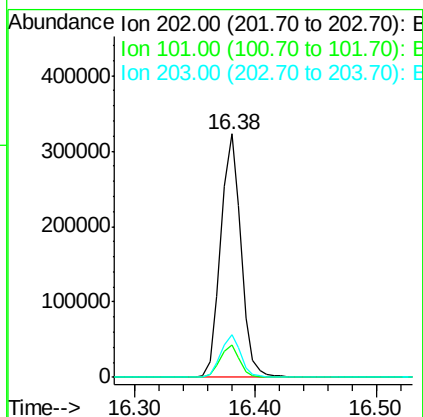
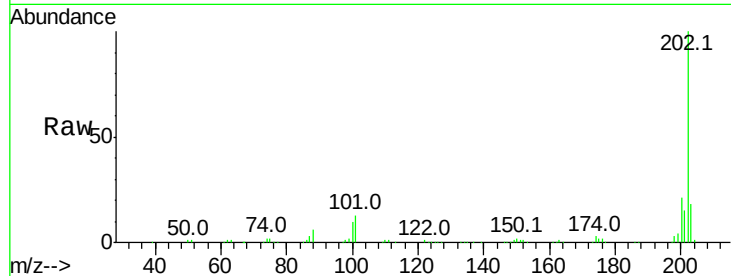
#74
 Fluoranthene
 Concen: 46.33 ng
 RT: 16.38 min Scan# 2532
 Delta R.T. -0.01 min
 Lab File: BF096034.D
 Acq: 20 Jun 2017 8:30

Instrument :
 BNA_F
 ClientSampleId :
 PB99828BS

Tot Ion	Ratio	Resp Lower	Upper
202	100		
101	13.3	0.0	33.2
203	17.6	0.0	38.1

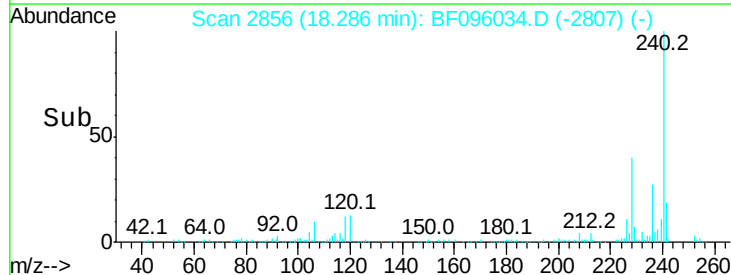
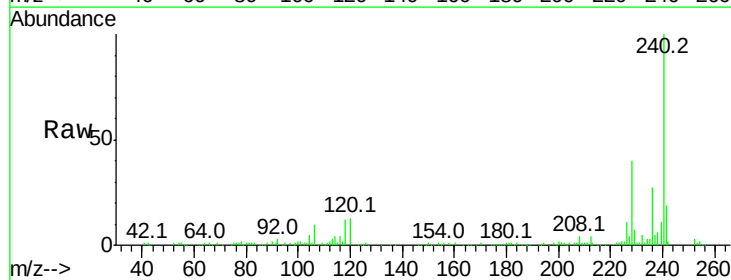
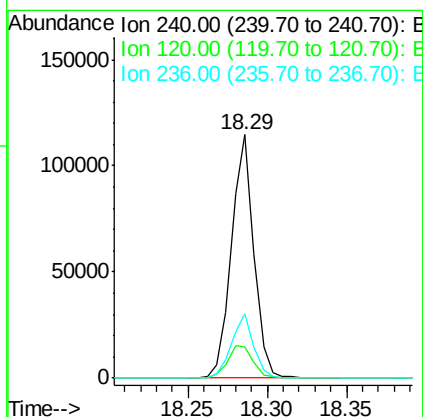
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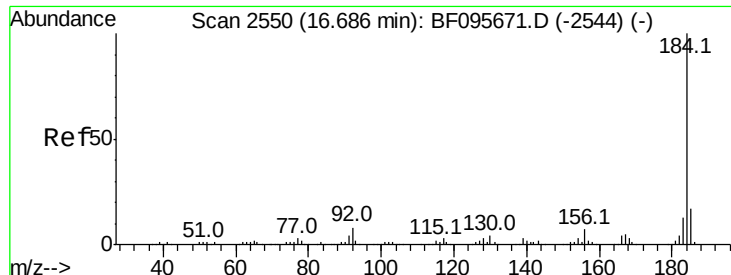
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#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 18.29 min Scan# 2856
 Delta R.T. -0.01 min
 Lab File: BF096034.D
 Acq: 20 Jun 2017 8:30

Tgt Ion	Ratio	Resp Lower	Upper
240	100		
120	12.7	5.8	8.8#
236	26.6	20.5	30.7





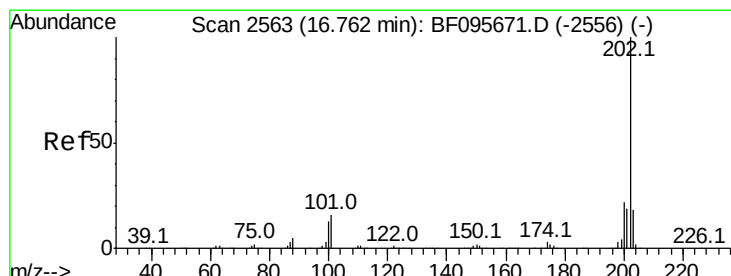
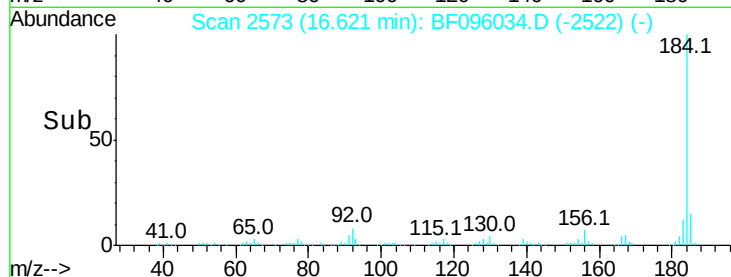
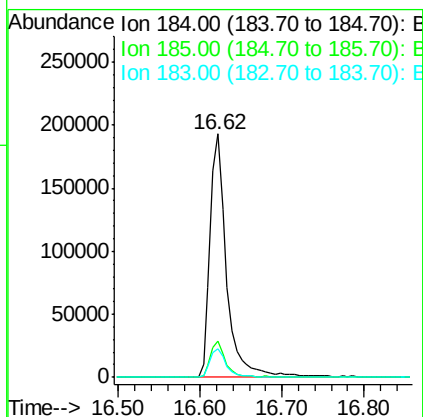
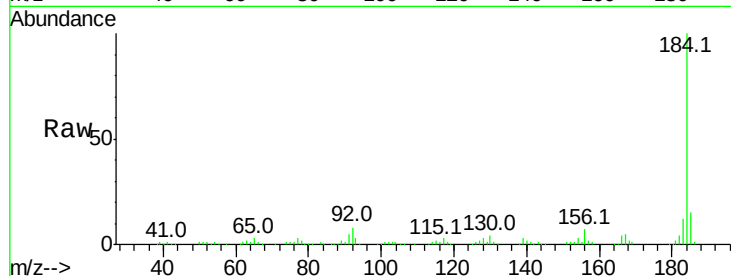
#76
Benzidine
Concen: 63.45 ng
RT: 16.62 min Scan# 2573
Delta R.T. 0.00 min
Lab File: BF096034.D
Acq: 20 Jun 2017 8:30

Instrument :
BNA_F
ClientSampleId :
PB99828BS

Tot Ion	Ratio	Resp	Lower	Upper
184	100	273201		
185	14.7	15.5	23.3	
183	11.9	9.8	14.6	

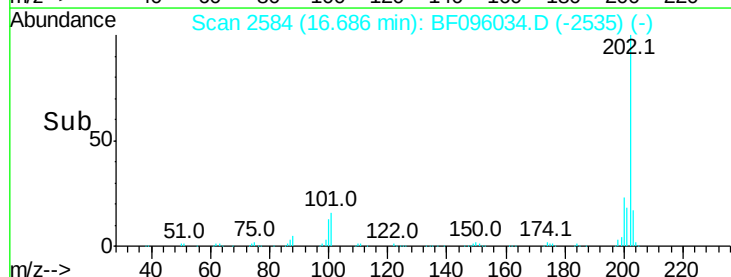
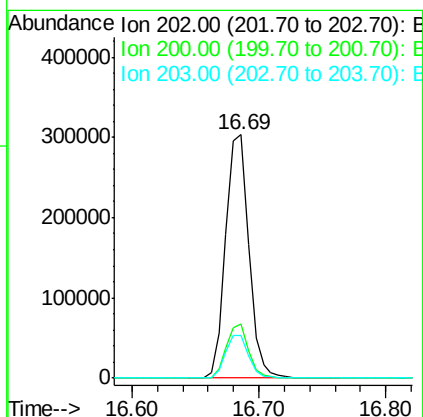
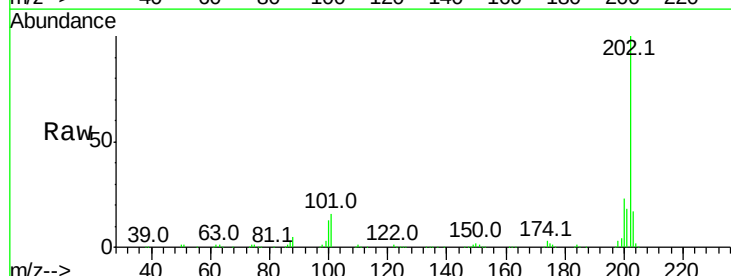
Manual Integrations
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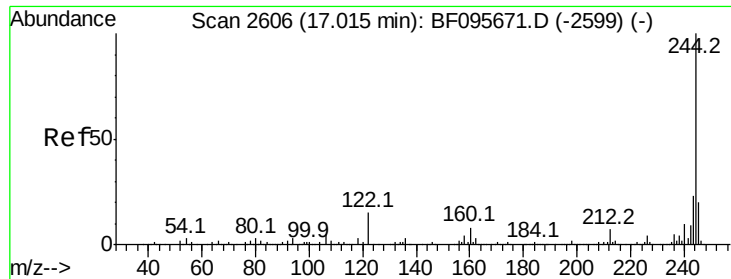
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#77
Pyrene
Concen: 46.01 ng
RT: 16.69 min Scan# 2584
Delta R.T. -0.01 min
Lab File: BF096034.D
Acq: 20 Jun 2017 8:30

Tgt Ion	Ratio	Resp	Lower	Upper
202	100	384893		
200	22.5	17.6	26.4	
203	17.4	14.4	21.6	





#78

Terphenyl-d14

Concen: 102.23 ng

RT: 16.94 min Scan# 2627

Delta R.T. -0.01 min

Lab File: BF096034.D

Acq: 20 Jun 2017 8:30

Instrument :

BNA_F

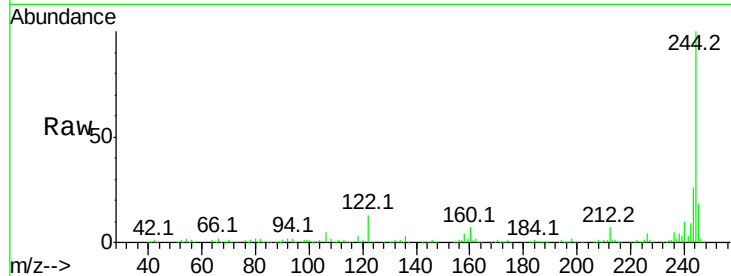
ClientSampled :

PB99828BS

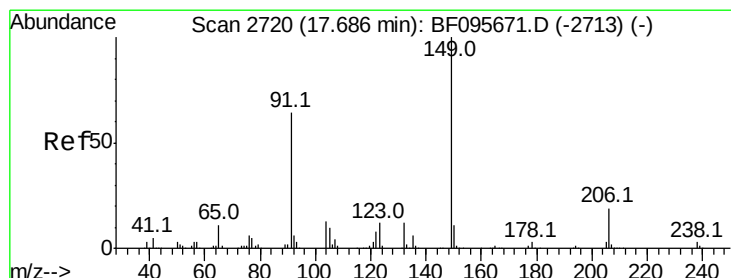
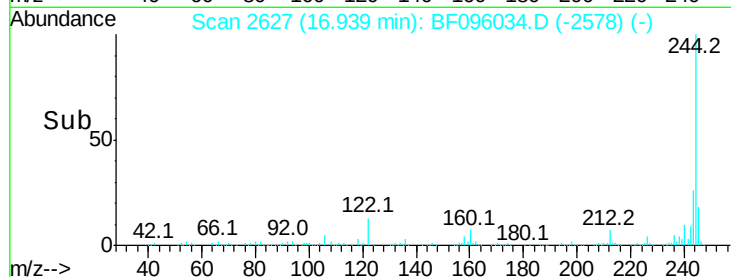
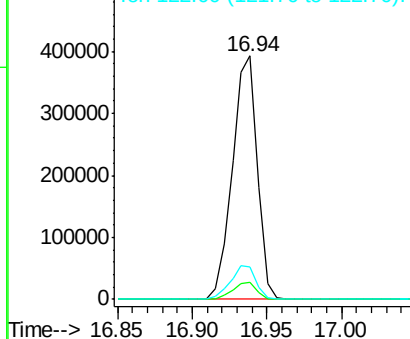
Tot Ion:	244	Resp:	461868
Ion Ratio	Lower	Upper	
244	100		
212	6.8	6.0	9.0
122	13.3	10.3	15.5

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Abundance Ion 244.00 (243.70 to 244.70): E
Ion 212.00 (211.70 to 212.70): E
Ion 122.00 (121.70 to 122.70): E



#79

Butylbenzylphthalate

Concen: 48.80 ng

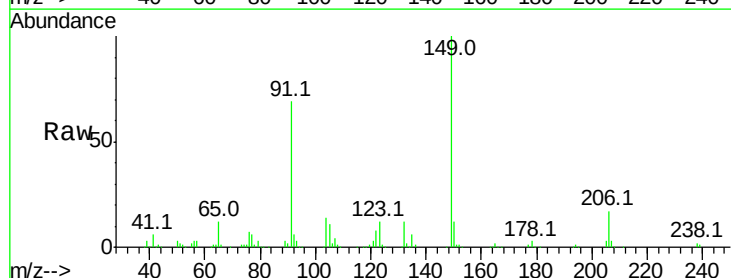
RT: 17.60 min Scan# 2740

Delta R.T. -0.01 min

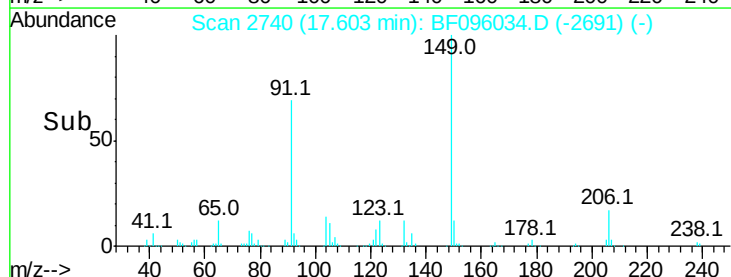
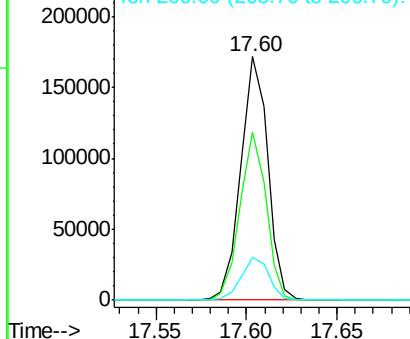
Lab File: BF096034.D

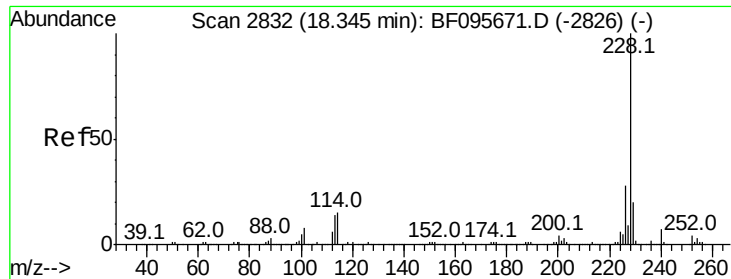
Acq: 20 Jun 2017 8:30

Tgt Ion:	149	Resp:	178292
Ion Ratio	Lower	Upper	
149	100		
91	69.0	45.0	67.4#
206	17.4	17.0	25.6



Abundance Ion 149.00 (148.70 to 149.70): E
Ion 91.00 (90.70 to 91.70): BF0
Ion 206.00 (205.70 to 206.70): E





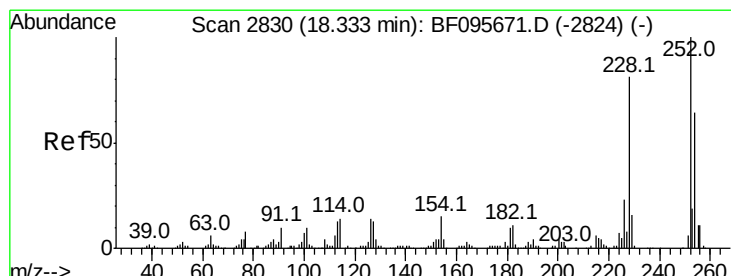
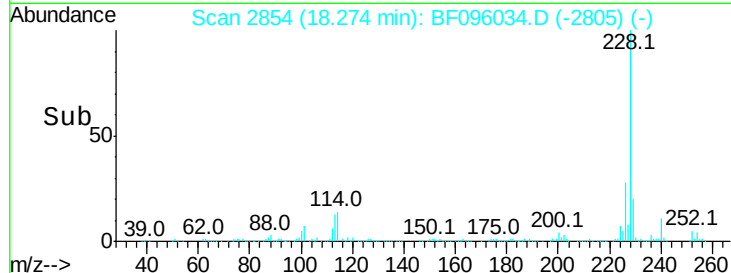
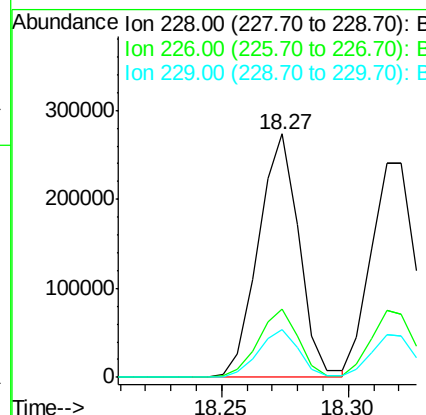
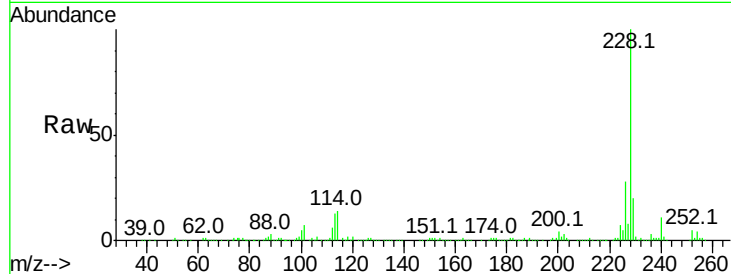
#80
Benzo(a)anthracene
Concen: 47.05 ng
RT: 18.27 min Scan# 2854
Delta R.T. -0.01 min
Lab File: BF096034.D
Acq: 20 Jun 2017 8:30

Instrument :
BNA_F
ClientSampleId :
PB99828BS

Tot Ion	Ratio	Lower	Upper
228	100		
226	28.2	22.6	33.8
229	19.5	16.3	24.5

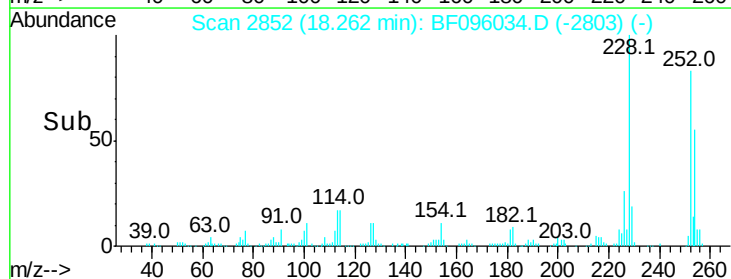
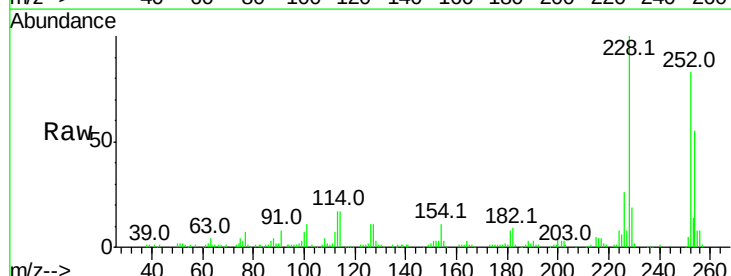
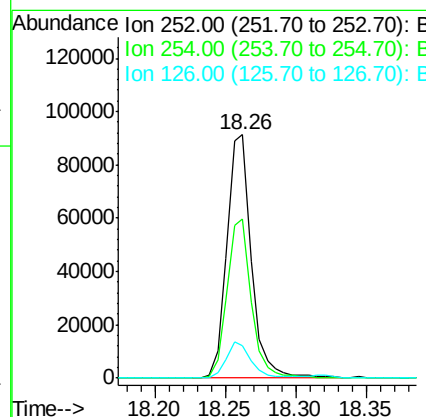
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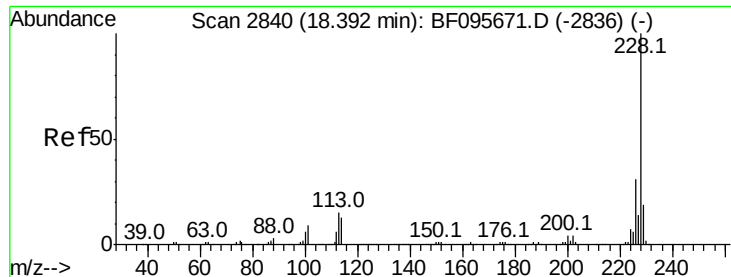
mohammad
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#81
3,3'-Dichlorobenzidine
Concen: 47.56 ng
RT: 18.26 min Scan# 2852
Delta R.T. -0.01 min
Lab File: BF096034.D
Acq: 20 Jun 2017 8:30

Tgt Ion	Ratio	Lower	Upper
252	100		
254	65.3	51.5	77.3
126	13.1	15.8	23.8#





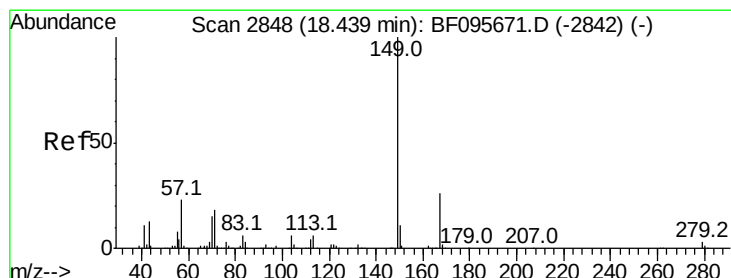
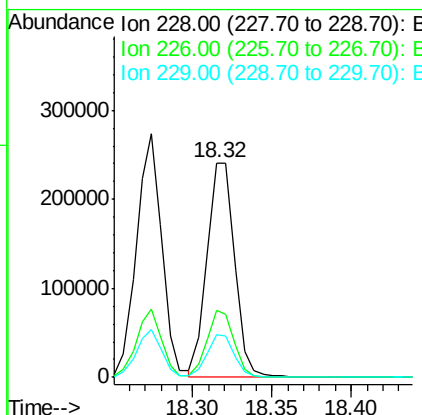
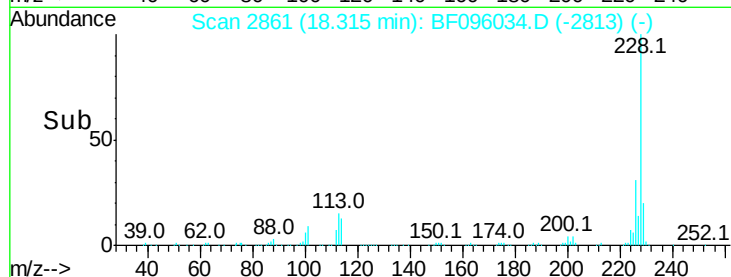
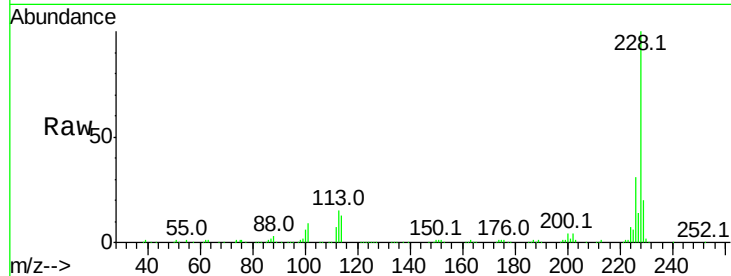
#82
Chrysene
Concen: 45.12 ng
RT: 18.32 min Scan# 2861
Delta R.T. -0.02 min
Lab File: BF096034.D
Acq: 20 Jun 2017 8:30

Instrument :
BNA_F
ClientSampleId :
PB99828BS

Tot Ion	Ratio	Lower	Upper
228	100		
226	31.2	24.9	37.3
229	19.7	15.8	23.6

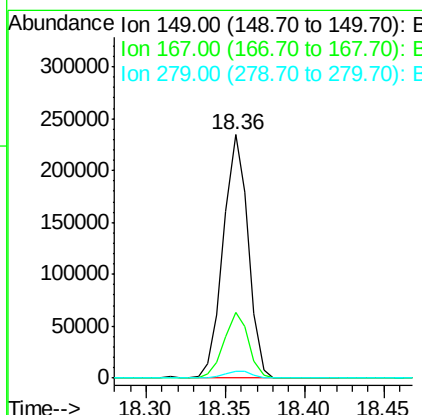
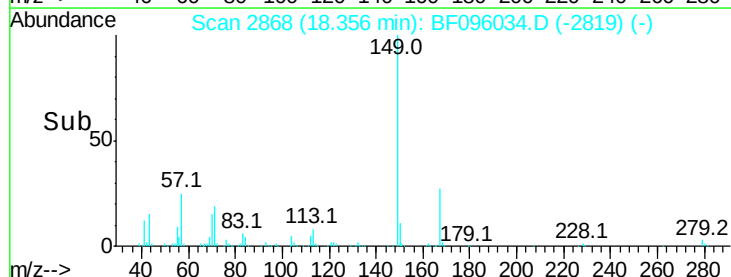
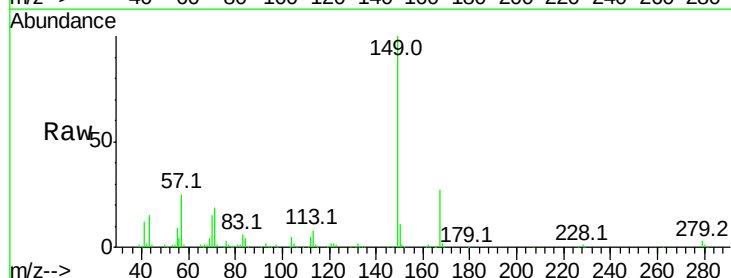
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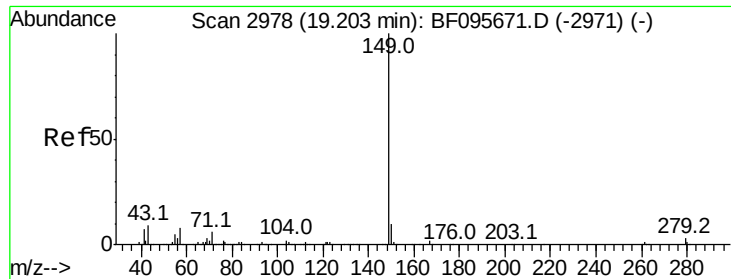
mohammad
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#83
Bis(2-ethylhexyl)phthalate
Concen: 49.64 ng
RT: 18.36 min Scan# 2868
Delta R.T. -0.01 min
Lab File: BF096034.D
Acq: 20 Jun 2017 8:30

Tgt Ion	Ratio	Lower	Upper
149	100		
167	26.9	21.0	31.4
279	2.9	1.9	2.9#





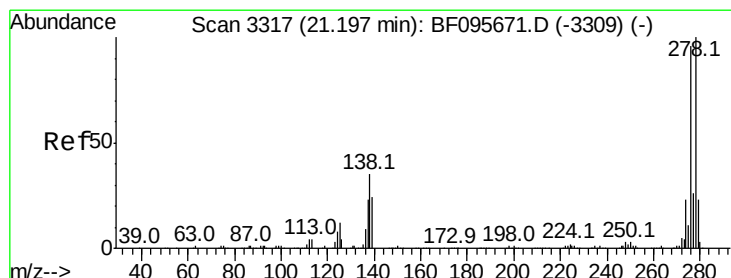
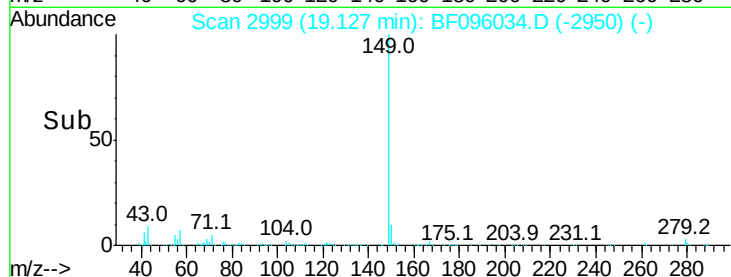
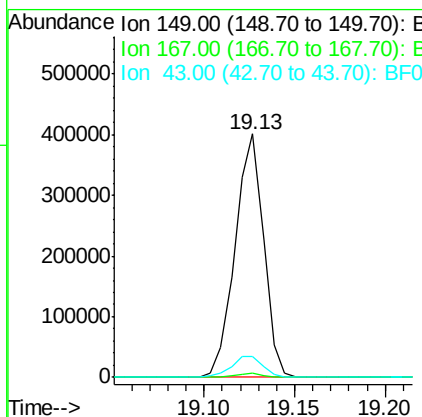
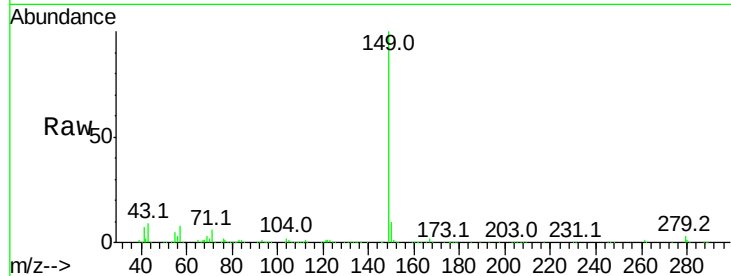
#84
Di-n-octyl phthalate
Concen: 51.84 ng
RT: 19.13 min Scan# 2999
Delta R.T. -0.01 min
Lab File: BF096034.D
Acq: 20 Jun 2017 8:30

Instrument :
BNA_F
ClientSampled :
PB99828BS

Tot Ion	Ratio	Resp Lower	Upper
149	100		
167	1.5	1.2	1.8
43	8.8	8.5	12.7

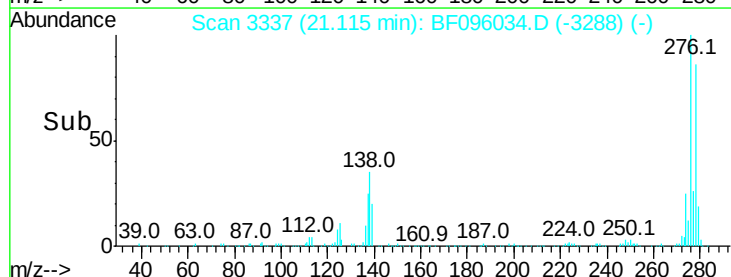
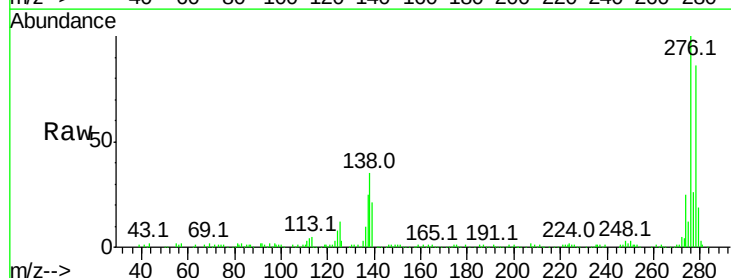
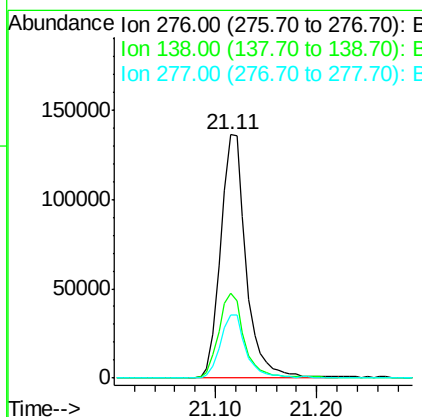
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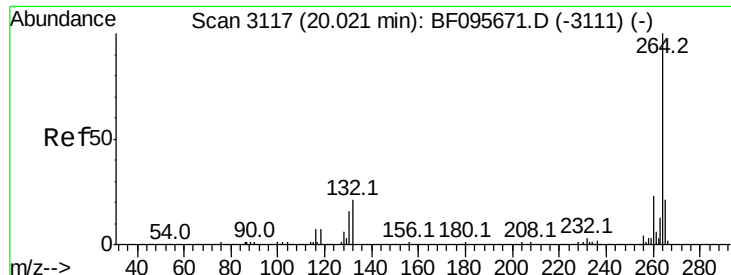
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#85
Indeno(1,2,3-cd)pyrene
Concen: 42.73 ng
RT: 21.11 min Scan# 3337
Delta R.T. -0.01 min
Lab File: BF096034.D
Acq: 20 Jun 2017 8:30

Tgt Ion	Ratio	Resp Lower	Upper
276	100		
138	35.3	27.8	41.6
277	26.0	20.2	30.4





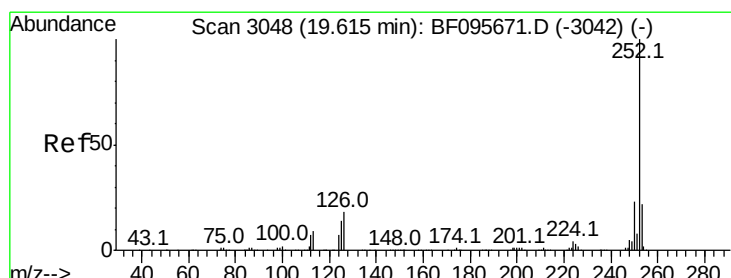
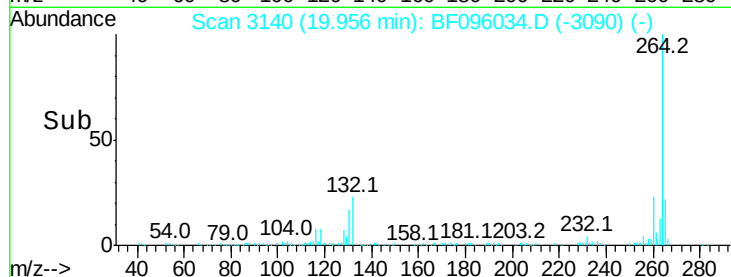
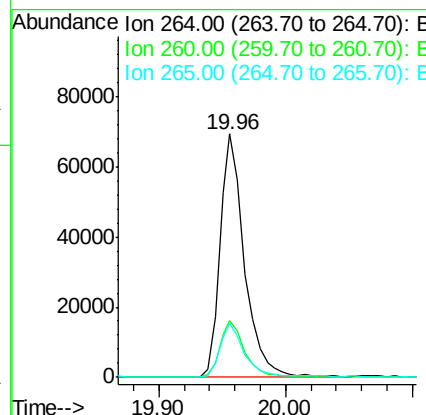
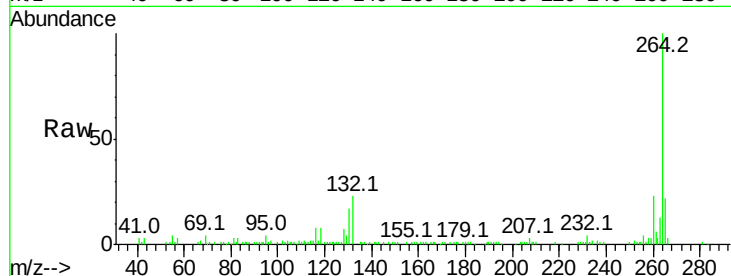
#86
Pervlene-d12
Concen: 20.00 ng
RT: 19.96 min Scan# 3140
Delta R.T. -0.01 min
Lab File: BF096034.D
Acq: 20 Jun 2017 8:30

Instrument :
BNA_F
ClientSampleId :
PB99828BS

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.5	19.5	29.3
265	22.1	17.2	25.8

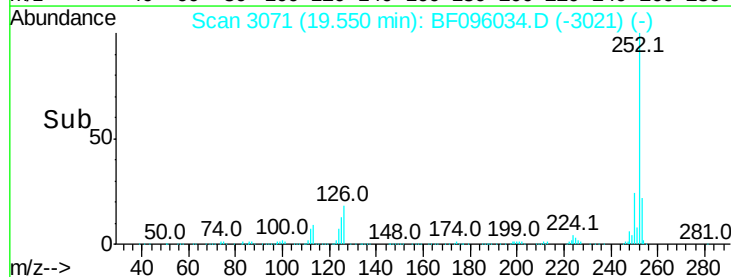
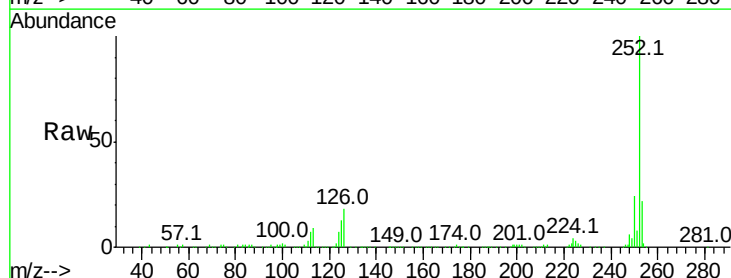
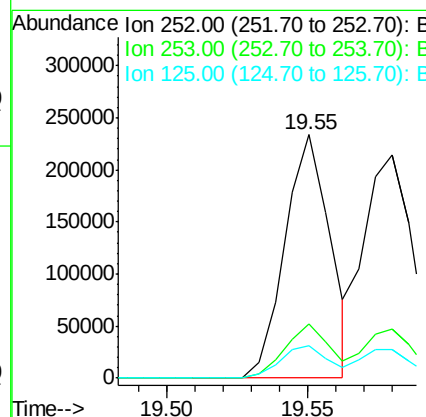
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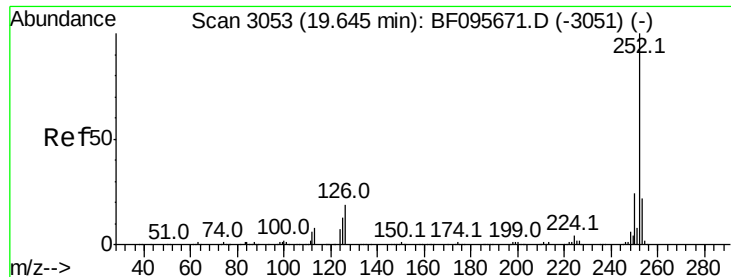
mohammad
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#87
Benzo(b)fluoranthene
Concen: 44.42 ng
RT: 19.55 min Scan# 3071
Delta R.T. -0.01 min
Lab File: BF096034.D
Acq: 20 Jun 2017 8:30

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.1	18.1	27.1
125	13.5	9.8	14.8





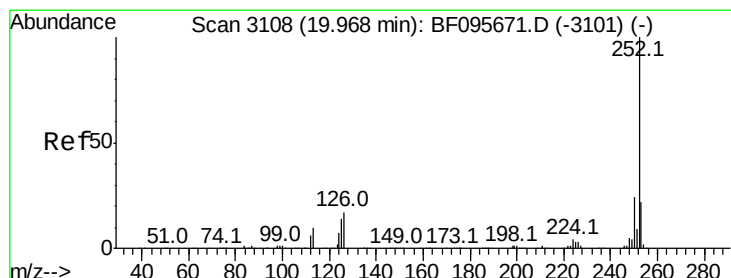
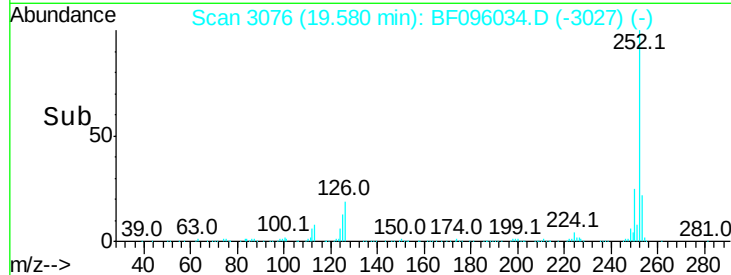
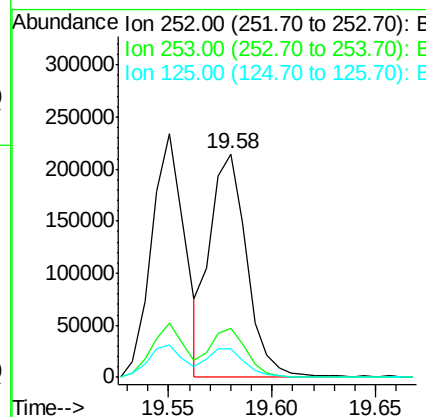
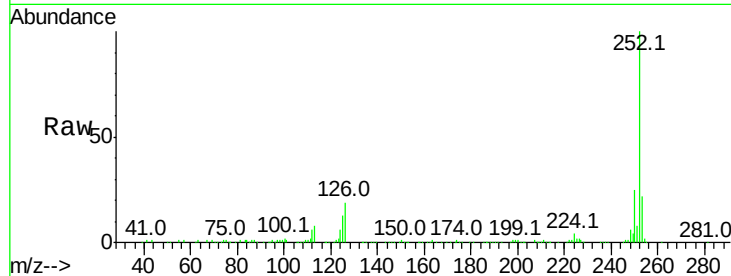
#88
Benzo(k)fluoranthene
Concen: 47.80 ng m
RT: 19.58 min Scan# 3076
Delta R.T. -0.01 min
Lab File: BF096034.D
Acq: 20 Jun 2017 8:30

Instrument :
BNA_F
ClientSampleId :
PB99828BS

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.7	18.4	27.6
125	13.1	13.1	19.7

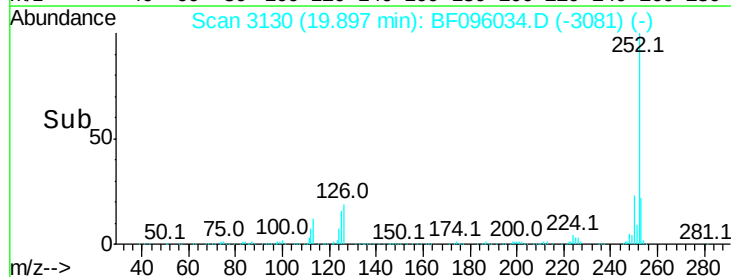
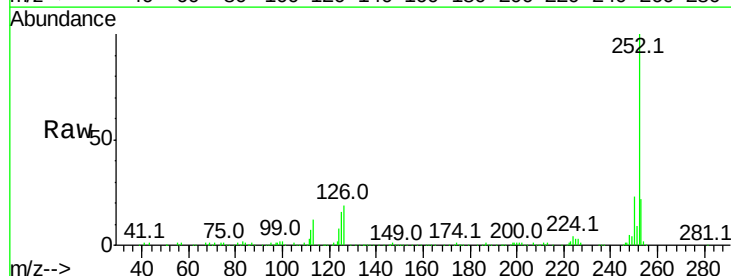
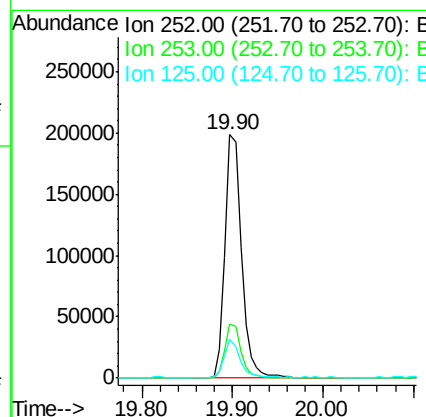
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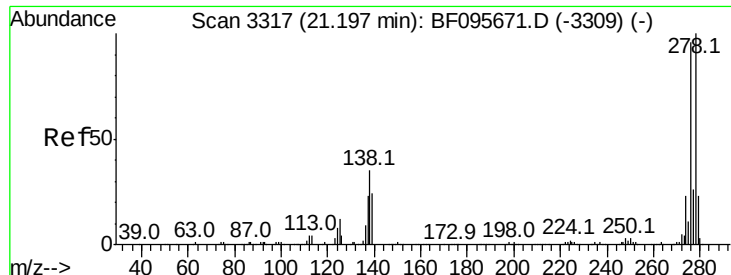
mohammad
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#89
Benzo(a)pyrene
Concen: 46.60 ng
RT: 19.90 min Scan# 3130
Delta R.T. -0.01 min
Lab File: BF096034.D
Acq: 20 Jun 2017 8:30

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.0	17.5	26.3
125	15.7	11.0	16.4





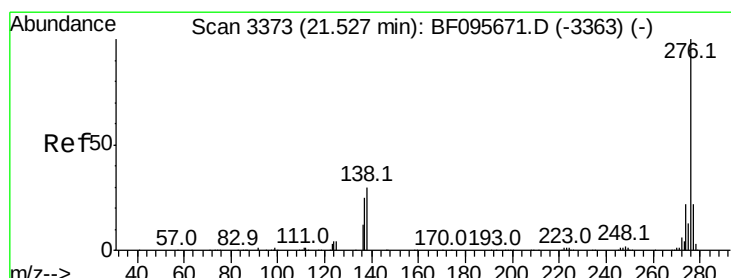
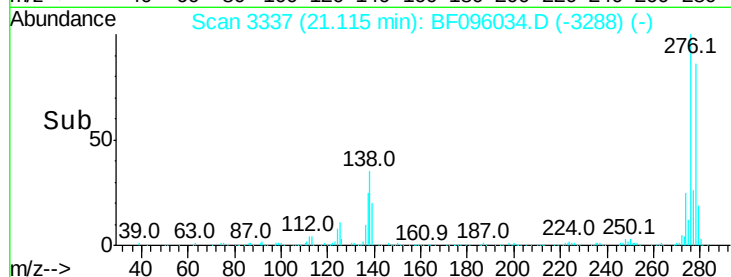
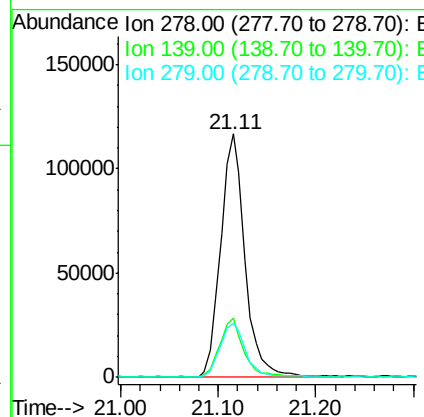
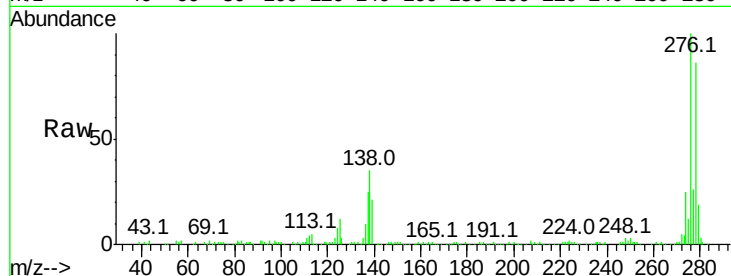
#90
Dibenzo(a,h)anthracene
Concen: 44.33 ng
RT: 21.11 min Scan# 3337
Delta R.T. -0.01 min
Lab File: BF096034.D
Acq: 20 Jun 2017 8:30

Instrument :
BNA_F
ClientSampleId :
PB99828BS

Tot Ion	Ratio	Lower	Upper
278	100		
139	24.1	16.6	24.8
279	22.5	19.3	28.9

Manual Integrations
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#91
Benzo(g,h,i)perylene
Concen: 42.89 ng
RT: 21.44 min Scan# 3393
Delta R.T. 0.00 min
Lab File: BF096034.D
Acq: 20 Jun 2017 8:30

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.5	18.6	28.0
138	28.1	25.4	38.0

