

Data Path : Z:\HPCHEM1\BNA F\DATA\BF062317\
 Data File : BF096158.D
 Acq On : 23 Jun 2017 14:23
 Operator : SJ/MA
 Sample : PB100046BS
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB100046BS

Manual Integrations
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mohammad
 6/28/2017 1:10:27 PM

Quant Time: Jun 23 23:51:57 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF060517.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jun 20 16:05:47 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.26	152	66039	20.00	ng	-0.04
21) Naphthalene-d8	9.29	136	280771	20.00	ng	-0.04
38) Acenaphthene-d10	12.12	164	131688	20.00	ng	-0.04
63) Phenanthrene-d10	14.51	188	242933	20.00	ng	-0.03
75) Chrysene-d12	18.25	240	196179	20.00	ng	-0.02
86) Perylene-d12	19.92	264	152371	20.00	ng	-0.02

System Monitoring Compounds						
5) 2-Fluorophenol	5.16	112	559589	135.02	ng	-0.02
7) Phenol-d6	6.85	99	620090	124.98	ng	-0.03
23) Nitrobenzene-d5	8.19	82	373023	82.51	ng	-0.04
41) 2,4,6-Tribromophenol	13.42	330	145007	124.46	ng	-0.03
44) 2-Fluorobiphenyl	11.07	172	776983	82.11	ng	-0.04
78) Terphenyl-d14	16.90	244	707730	89.53	ng	-0.03

Target Compounds						Qvalue
2) 1,4-Dioxane	1.65	88	70709	35.86	ng	# 80
3) Pyridine	2.18	79	176195	38.02	ng	94
4) n-Nitrosodimethylamine	2.15	42	72831	41.34	ng	88
6) Aniline	6.77	93	131950	20.33	ng	95
8) 2-Chlorophenol	6.95	128	201492	45.73	ng	92
9) Benzaldehyde	6.57	77	97102	29.01	ng	97
10) Phenol	6.86	94	237673	46.18	ng	91
11) bis(2-Chloroethyl)ether	6.91	93	182992	44.88	ng	96
12) 1,3-Dichlorobenzene	7.16	146	215366	43.18	ng	98
13) 1,4-Dichlorobenzene	7.29	146	217268	42.95	ng	98
14) 1,2-Dichlorobenzene	7.52	146	203472	43.64	ng	96
15) Benzyl Alcohol	7.58	79	158530	46.55	ng	96
16) 2,2'-oxybis(1-Chloropropan	7.76	45	250999	43.82	ng	98
17) 2-Methylphenol	7.82	107	166804	45.11	ng	96
18) Hexachloroethane	8.03	117	74531	44.61	ng	# 85
19) n-Nitroso-di-n-propylamine	8.00	70	136604	43.45	ng	94
20) 3+4-Methylphenols	8.09	107	221821	47.25	ng	# 60
22) Acetophenone	7.96	105	278458	42.37	ng	# 84
24) Nitrobenzene	8.22	77	194065	40.18	ng	93
25) Isophorone	8.62	82	352023	41.70	ng	96
26) 2-Nitrophenol	8.73	139	110907	43.86	ng	97
27) 2,4-Dimethylphenol	8.89	122	174933	44.57	ng	98
28) bis(2-Chloroethoxy)methane	9.00	93	232682	41.82	ng	99
29) 2,4-Dichlorophenol	9.17	162	167878	44.42	ng	97
30) 1,2,4-Trichlorobenzene	9.23	180	161040	40.95	ng	98
31) Naphthalene	9.33	128	574795	40.79	ng	98
32) Benzoic acid	9.29	122	105848	43.67	ng	96
33) 4-Chloroaniline	9.51	127	74833	13.59	ng	# 91
34) Hexachlorobutadiene	9.55	225	83358	41.02	ng	96
35) Caprolactam	10.14	113	55224m	49.10	ng	
36) 4-Chloro-3-methylphenol	10.39	107	178584	45.14	ng	89
37) 2-Methylnaphthalene	10.46	142	407382	42.79	ng	97
39) 1,2,4,5-Tetrachlorobenzene	10.74	216	157463	39.95	ng	99
40) Hexachlorocyclopentadiene	10.70	237	80880	67.51	ng	98

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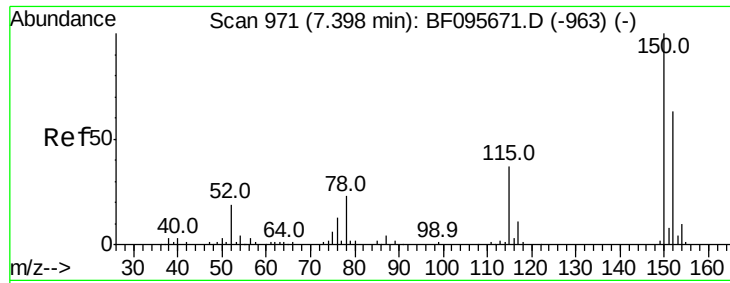
Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	10.97	196	107772	42.53	nq	99
43) 2,4,5-Trichlorophenol	11.08	196	107893	40.03	nq	95
45) 1,1'-Biphenyl	11.22	154	454219	41.85	nq	97
46) 2-Chloronaphthalene	11.24	162	347349	40.96	nq	96
47) 2-Nitroaniline	11.47	65	102289	41.22	nq	# 83
48) Acenaphthylene	11.89	152	544441	37.54	nq	99
49) Dimethylphthalate	11.79	163	422562	42.26	nq	98
50) 2,6-Dinitrotoluene	11.89	165	88307	40.49	nq	# 68
51) Acenaphthene	12.17	154	331575	39.59	nq	99
52) 3-Nitroaniline	12.16	138	49545	19.50	nq	89
53) 2,4-Dinitrophenol	12.39	184	79144	65.38	nq	# 67
54) Dibenzofuran	12.46	168	512937	43.52	nq	98
55) 4-Nitrophenol	12.59	139	104610	71.06	nq	# 81
56) 2,4-Dinitrotoluene	12.56	165	131804	44.74	nq	# 90
57) Fluorene	13.01	166	412714	40.23	nq	99
58) 2,3,4,6-Tetrachlorophenol	12.72	232	89599	48.58	nq	# 91
59) Diethylphthalate	12.93	149	423558	44.02	nq	99
60) 4-Chlorophenyl-phenylether	13.04	204	184397	41.34	nq	89
61) 4-Nitroaniline	13.16	138	91455	38.55	nq	94
62) Azobenzene	13.30	77	393679	45.14	nq	93
64) 4,6-Dinitro-2-methylphenol	13.24	198	61987	38.82	nq	81
65) n-Nitrosodiphenylamine	13.26	169	357777	40.99	nq	98
66) 4-Bromophenyl-phenylether	13.82	248	106278	42.09	nq	99
67) Hexachlorobenzene	13.90	284	105779	42.52	nq	# 90
68) Atrazine	14.19	200	108069	44.48	nq	96
69) Pentachlorophenol	14.27	266	61566	66.48	nq	95
70) Phenanthrene	14.55	178	595098	42.46	nq	97
71) Anthracene	14.63	178	617892	42.22	nq	98
72) Carbazole	14.94	167	577147	40.47	nq	97
73) Di-n-butylphthalate	15.53	149	709954	46.79	nq	99
74) Fluoranthene	16.34	202	619393	44.65	nq	97
76) Benzidine	16.58	184	208057	27.61	nq	# 92
77) Pyrene	16.64	202	627705	42.88	nq	99
79) Butylbenzylphthalate	17.57	149	302667	47.34	nq	# 86
80) Benzo(a)anthracene	18.24	228	494655	43.37	nq	99
81) 3,3'-Dichlorobenzidine	18.22	252	106687	26.31	nq	# 97
82) Chrysene	18.28	228	484777	42.53	nq	100
83) Bis(2-ethylhexyl)phthalate	18.32	149	452177	50.14	nq	100
84) Di-n-octyl phthalate	19.09	149	730748	49.18	nq	96
85) Indeno(1,2,3-cd)pyrene	21.07	276	361256	37.04	nq	100
87) Benzo(b)fluoranthene	19.51	252	407369	42.70	nq	98
88) Benzo(k)fluoranthene	19.54	252	417666	45.80	nq	# 95
89) Benzo(a)pyrene	19.86	252	380070	43.34	nq	98
90) Dibenzo(a,h)anthracene	21.07	278	301580	40.54	nq	97
91) Benzo(g,h,i)perylene	21.39	276	311849	41.12	nq	94

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



#1

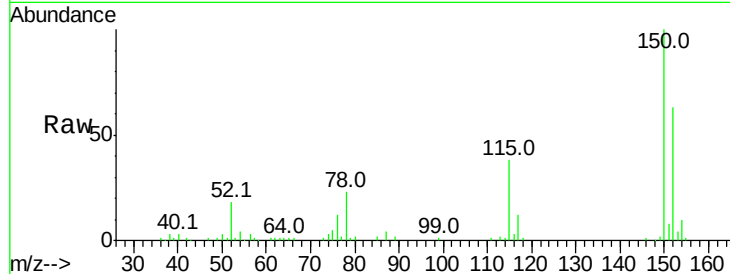
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.26 min Scan# 981
Delta R.T. -0.04 min
Lab File: BF096158.D
Acq: 23 Jun 2017 14:23

Instrument :
BNA_F
ClientSampleId :
PB100046BS

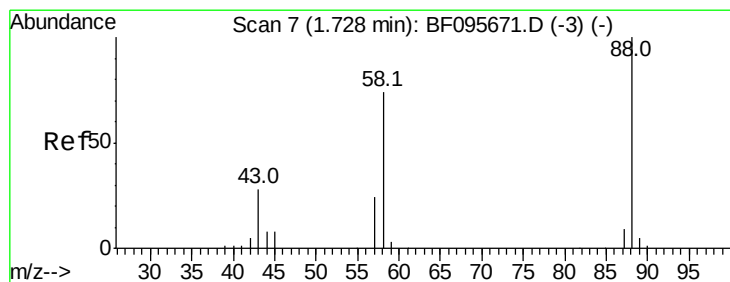
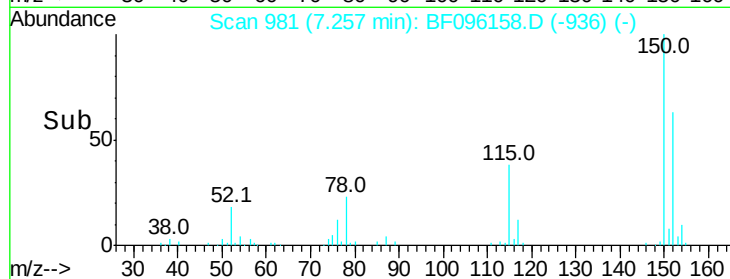
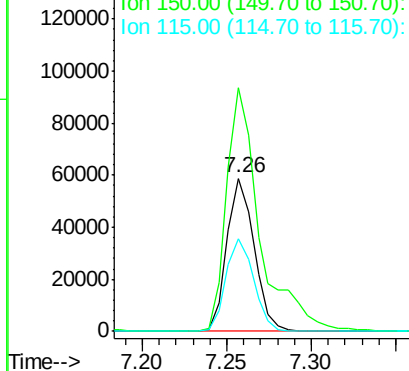
Tot Ion	Ratio	Lower	Upper
152	100		
150	159.0	126.2	189.2
115	60.8	52.2	78.2

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

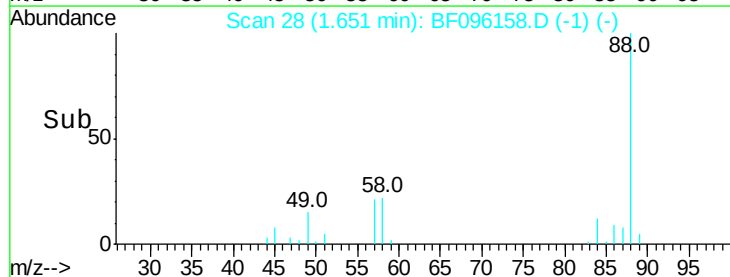
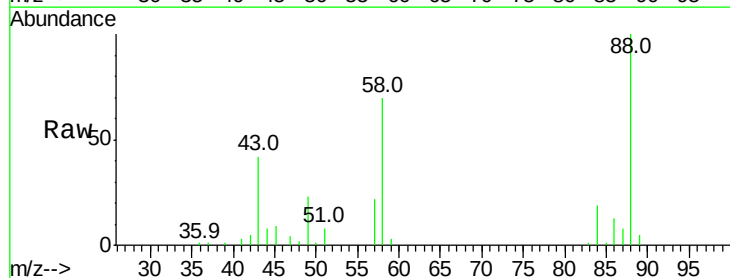
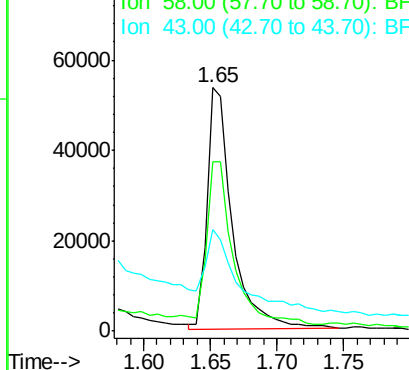


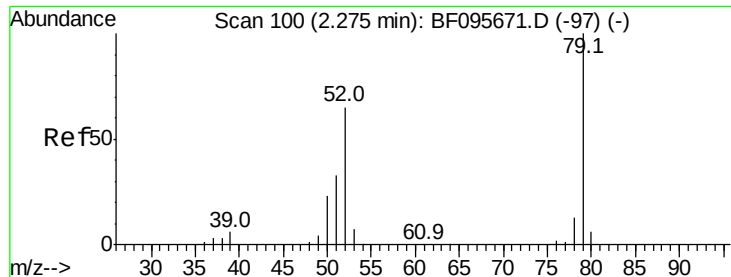
#2

1,4-Dioxane
Concen: 35.86 ng
RT: 1.65 min Scan# 28
Delta R.T. 0.04 min
Lab File: BF096158.D
Acq: 23 Jun 2017 14:23

Tgt Ion	Ratio	Lower	Upper
88	100		
58	70.7	61.4	92.0
43	57.8	23.4	35.0

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





#3

Pvridine

Concen: 38.02 ng

RT: 2.18 min Scan# 118

Delta R.T. 0.05 min

Lab File: BF096158.D

Acq: 23 Jun 2017 14:23

Instrument :

BNA_F

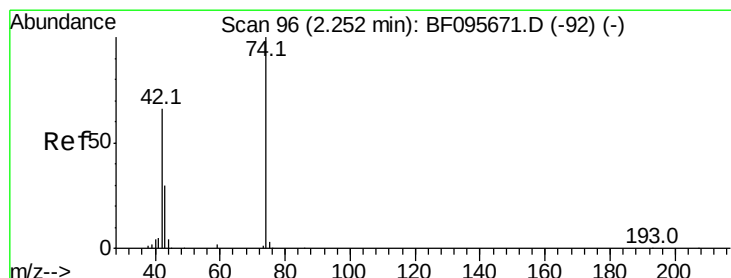
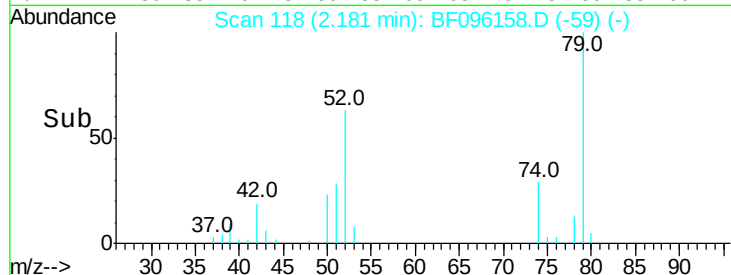
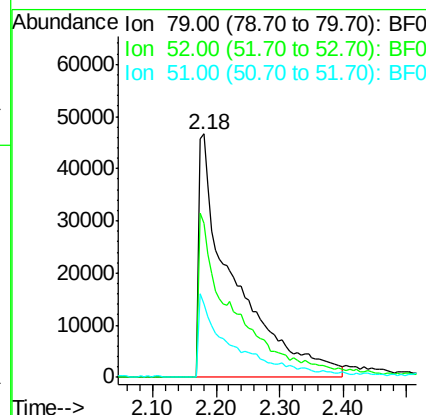
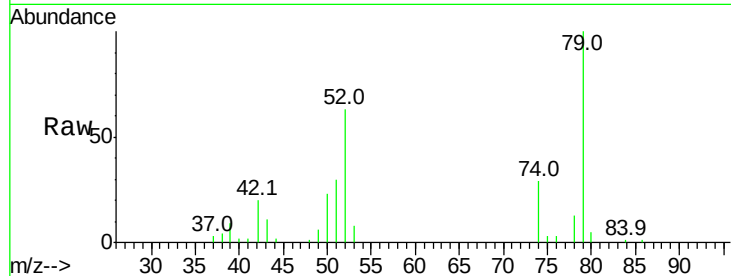
ClientSampleId :

PB100046BS

Tot Ion:	79	Resp:	176195
Ion Ratio	Lower	Upper	
79	100		
52	63.3	54.8	82.2
51	30.3	27.0	40.4

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#4

n-Nitrosodimethylamine

Concen: 41.34 ng

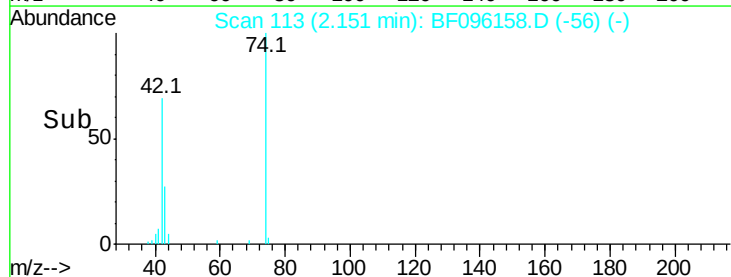
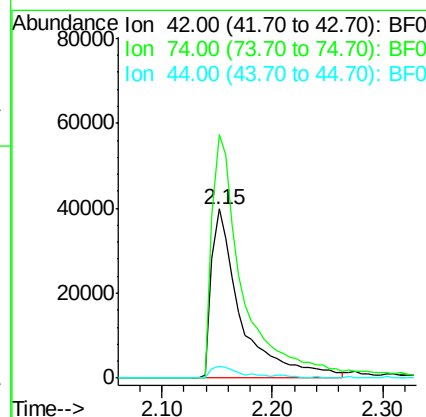
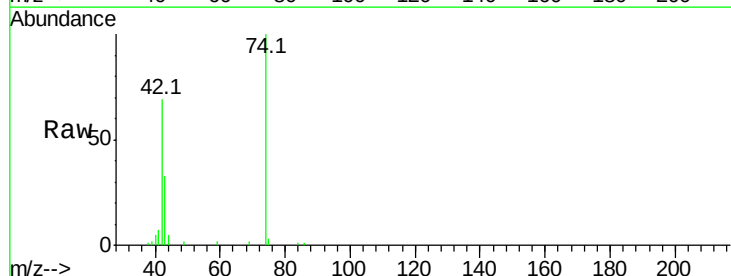
RT: 2.15 min Scan# 113

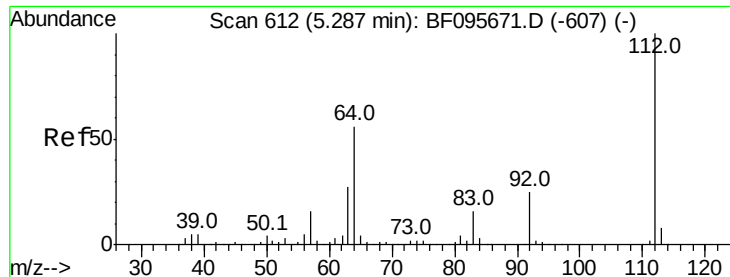
Delta R.T. 0.04 min

Lab File: BF096158.D

Acq: 23 Jun 2017 14:23

Tgt Ion:	42	Resp:	72831
Ion Ratio	Lower	Upper	
42	100		
74	144.2	103.9	155.9
44	7.2	5.7	8.5





#5

2-Fluorophenol

Concen: 135.02 ng

RT: 5.16 min Scan# 624

Delta R.T. -0.02 min

Lab File: BF096158.D

Acq: 23 Jun 2017 14:23

Instrument :

BNA_F

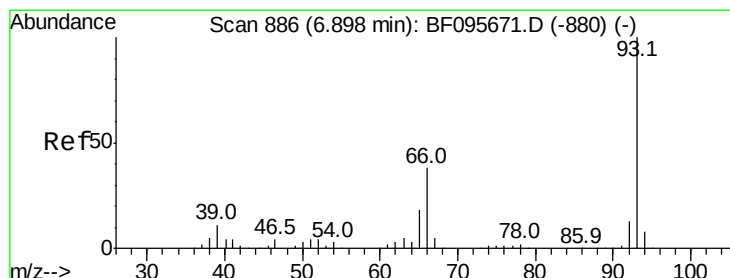
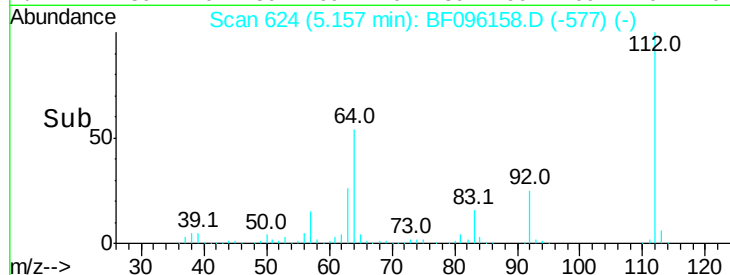
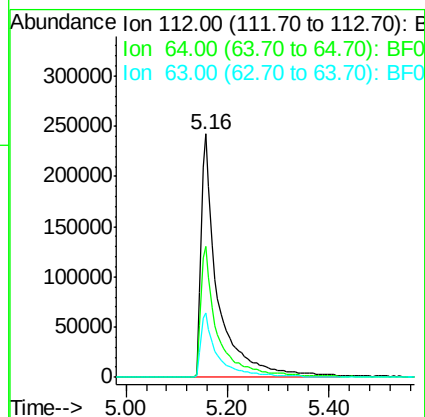
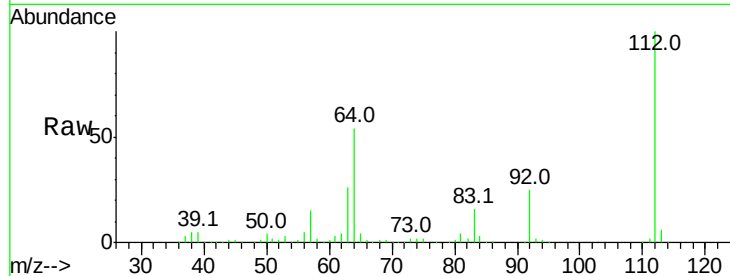
ClientSampleId :

PB100046BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
112	100		559589		
64	53.7	46.0	69.0		
63	26.5	23.4	35.0		

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#6

Aniline

Concen: 20.33 ng

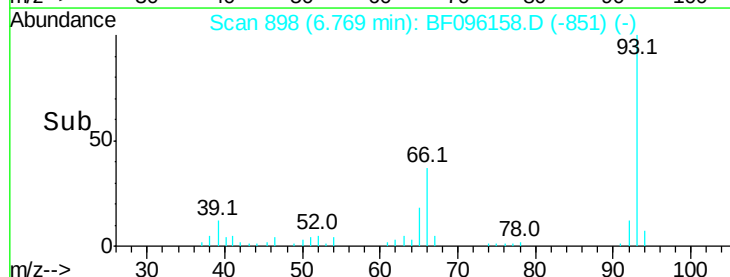
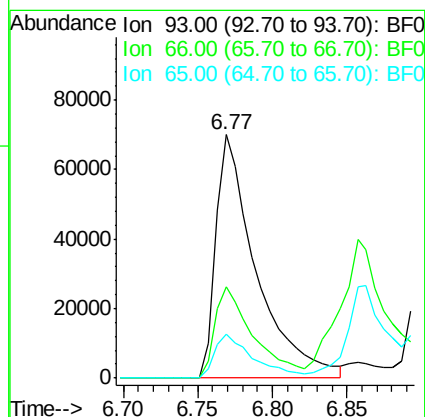
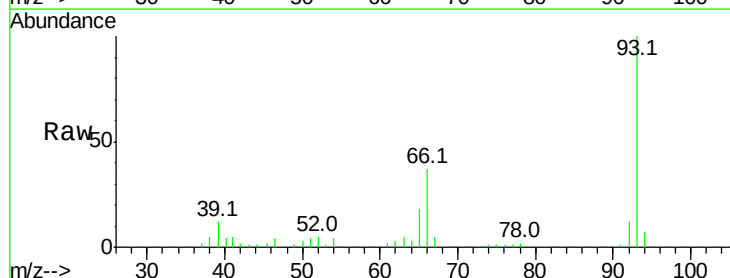
RT: 6.77 min Scan# 898

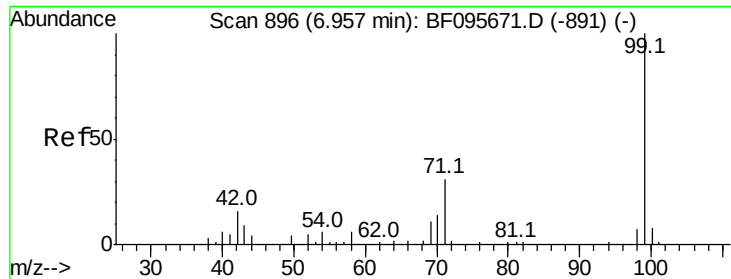
Delta R.T. -0.02 min

Lab File: BF096158.D

Acq: 23 Jun 2017 14:23

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
93	100		131950		
66	37.4	32.9	49.3		
65	18.3	16.0	24.0		





#7

Phenol-d6

Concen: 124.98 ng

RT: 6.85 min Scan# 911

Delta R.T. -0.03 min

Lab File: BF096158.D

Acq: 23 Jun 2017 14:23

Instrument :

BNA_F

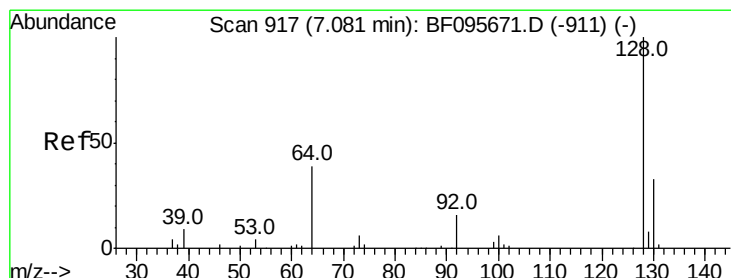
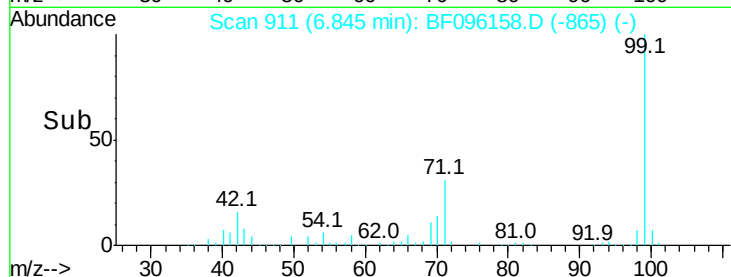
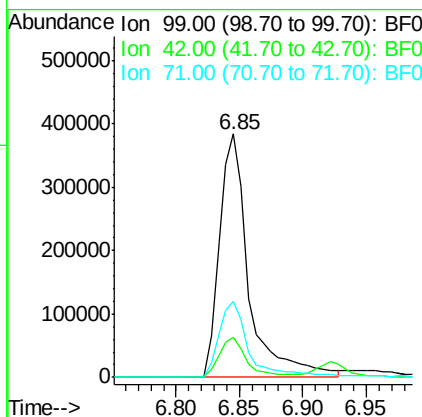
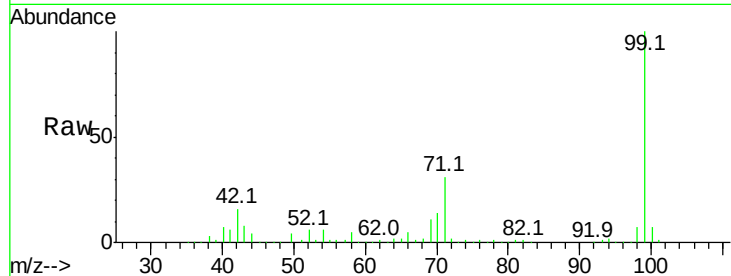
ClientSampleId :

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Tot Ion	Ratio	Resp	Lower	Upper
99	100	620090		
42	16.3		13.5	20.3
71	31.3		24.5	36.7

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#8

2-Chlorophenol

Concen: 45.73 ng

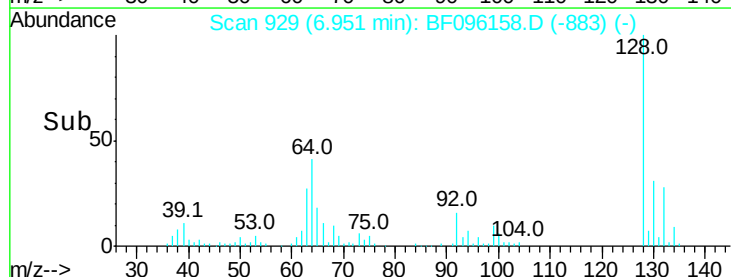
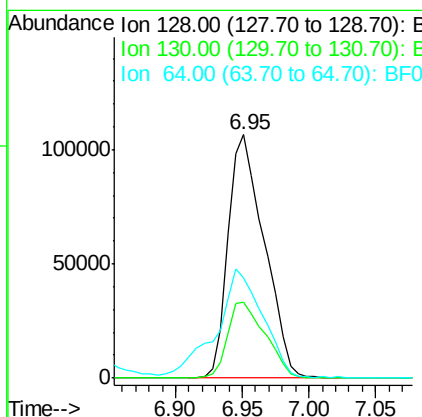
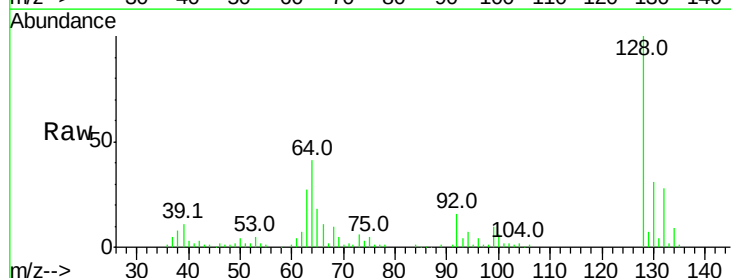
RT: 6.95 min Scan# 929

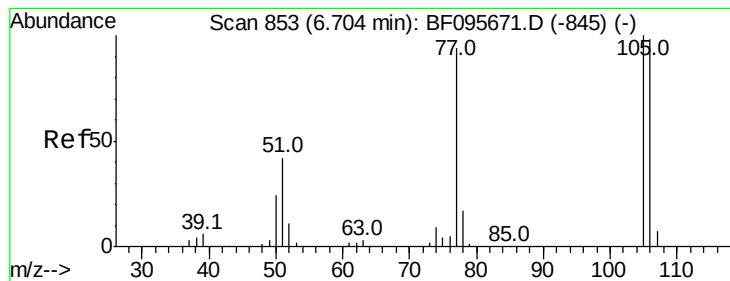
Delta R.T. -0.03 min

Lab File: BF096158.D

Acq: 23 Jun 2017 14:23

Tgt Ion	Ratio	Resp	Lower	Upper
128	100	201492		
130	31.0		12.9	52.9
64	41.4		28.4	68.4





#9

Benzaldehyde

Concen: 29.01 ng

RT: 6.57 min Scan# 864

Delta R.T. -0.03 min

Lab File: BF096158.D

Acq: 23 Jun 2017 14:23

Instrument :

BNA_F

ClientSampleId :

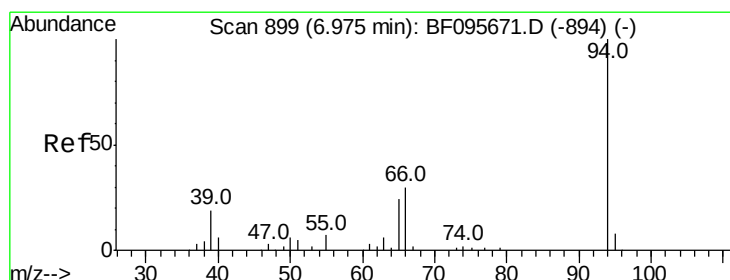
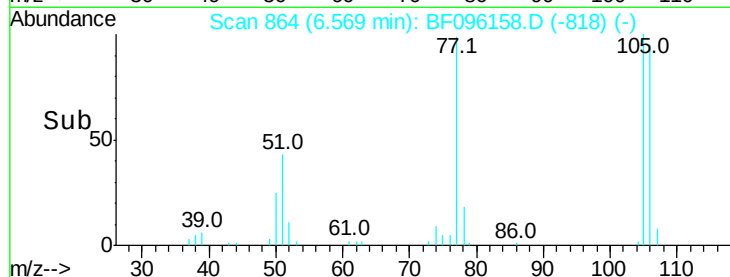
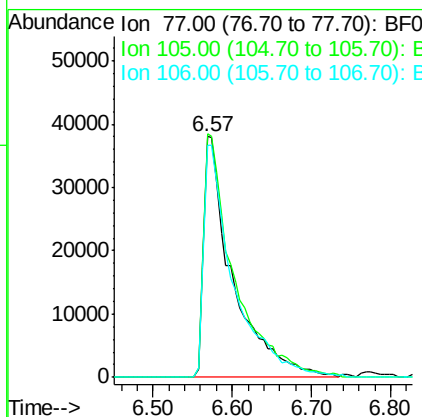
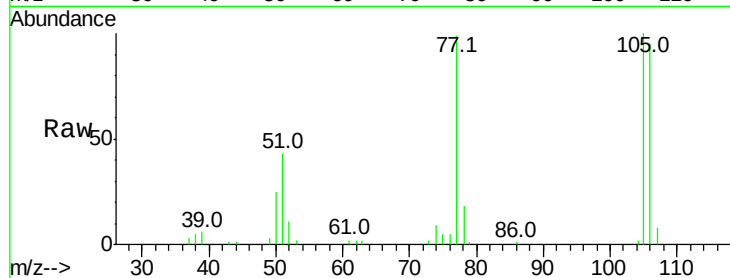
PB100046BS

Tot Ion: 77 Resp: 97102

Ion	Ratio	Lower	Upper
77	100		
105	101.2	83.8	123.8
106	96.3	79.1	119.1

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#10

Phenol

Concen: 46.18 ng

RT: 6.86 min Scan# 914

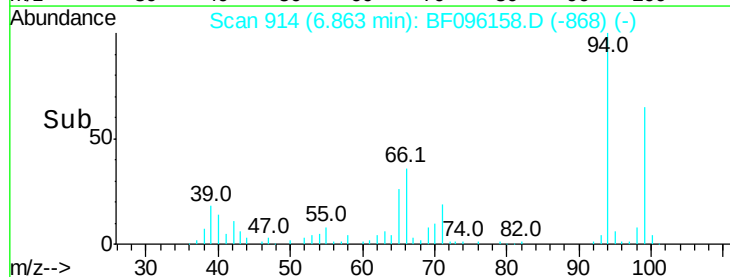
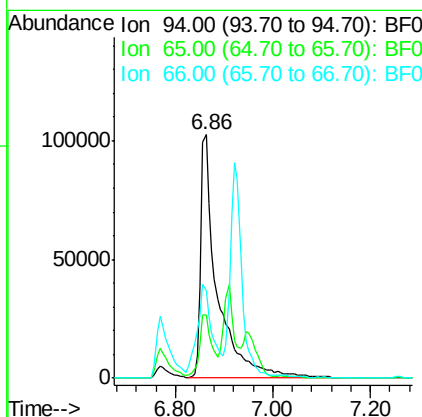
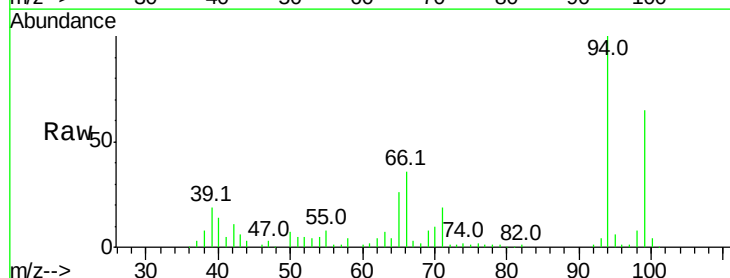
Delta R.T. -0.03 min

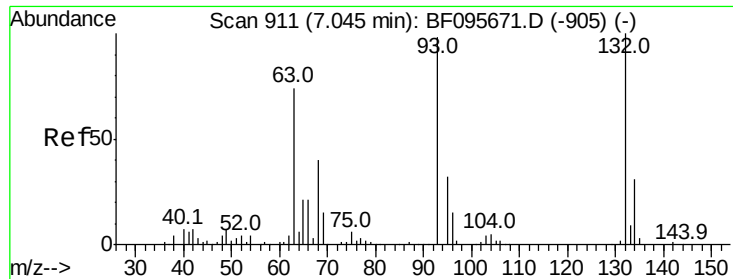
Lab File: BF096158.D

Acq: 23 Jun 2017 14:23

Tgt Ion: 94 Resp: 237673

Ion	Ratio	Lower	Upper
94	100		
65	26.1	9.9	49.9
66	36.0	23.1	63.1





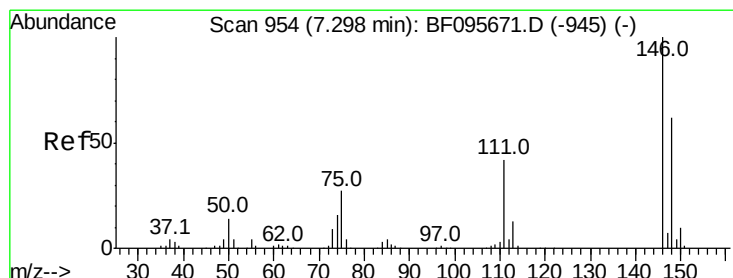
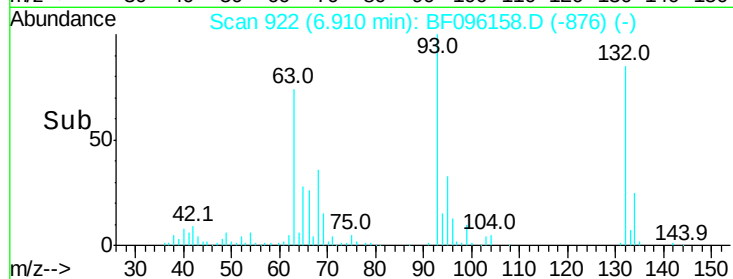
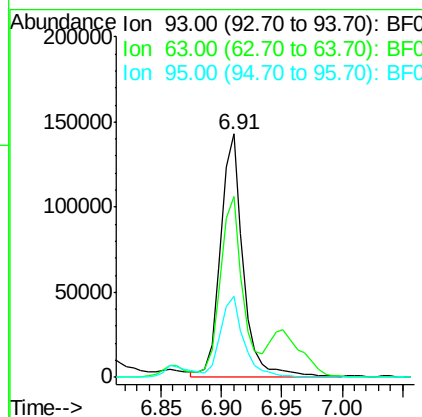
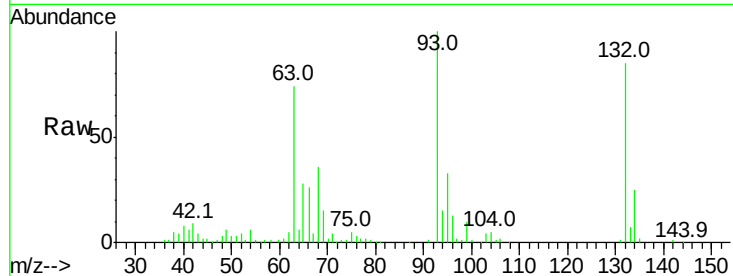
#11
bis(2-Chloroethyl)ether
Concen: 44.88 ng
RT: 6.91 min Scan# 922
Delta R.T. -0.03 min
Lab File: BF096158.D
Acq: 23 Jun 2017 14:23

Instrument :
BNA_F
ClientSampleId :
PB100046BS

Tot Ion	Ratio	Resp	Lower	Upper
93	100	182992		
63	74.4	59.2	59.2	99.2
95	33.1	12.8	12.8	52.8

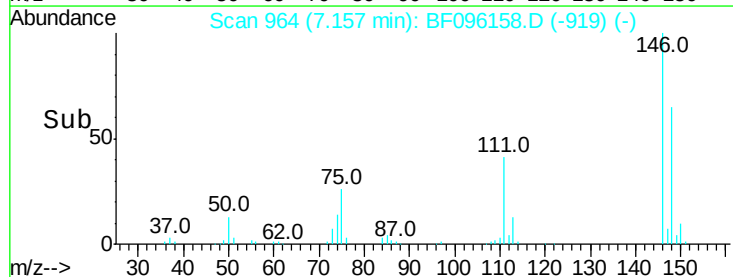
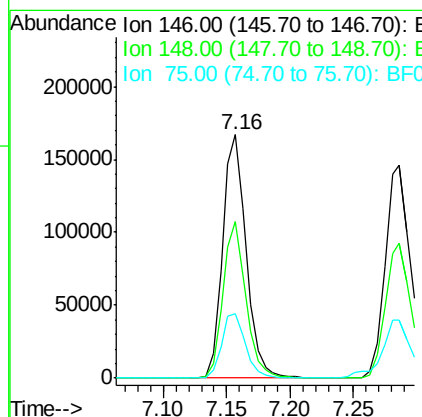
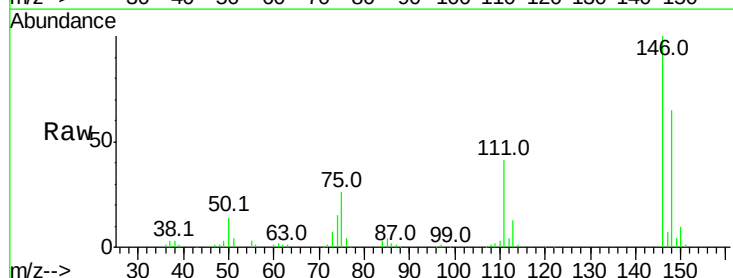
Manual Integrations
APPROVED

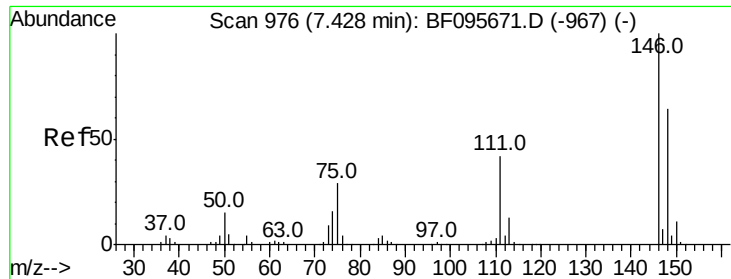
mohammad
6/28/2017 1:10:27 PM



#12
1,3-Dichlorobenzene
Concen: 43.18 ng
RT: 7.16 min Scan# 964
Delta R.T. -0.04 min
Lab File: BF096158.D
Acq: 23 Jun 2017 14:23

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	215366		
148	64.5	51.8	51.8	77.6
75	26.5	23.1	23.1	34.7





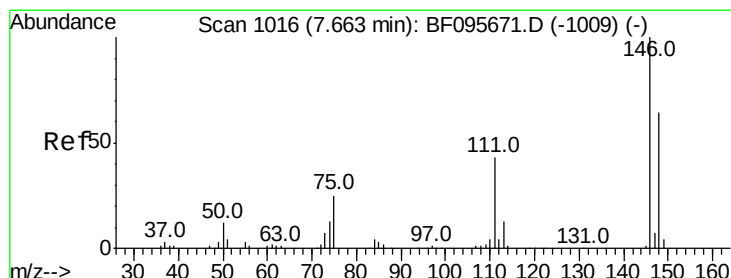
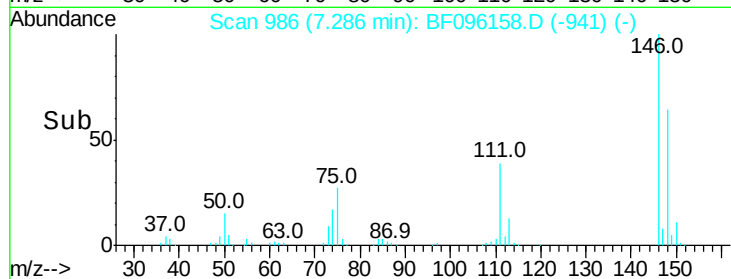
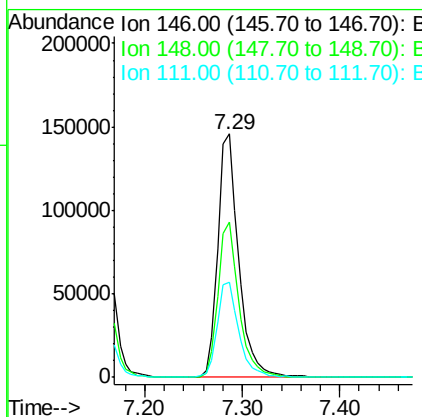
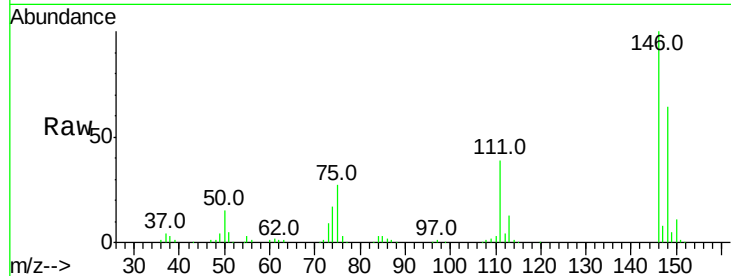
#13
 1,4-Dichlorobenzene
 Concen: 42.95 ng
 RT: 7.29 min Scan# 986
 Delta R.T. -0.04 min
 Lab File: BF096158.D
 Acq: 23 Jun 2017 14:23

Instrument :
 BNA_F
 ClientSampleId :
 PB100046BS

Tot Ion	Ratio	Lower	Upper
146	100		
148	63.6	52.2	78.2
111	39.0	30.3	45.5

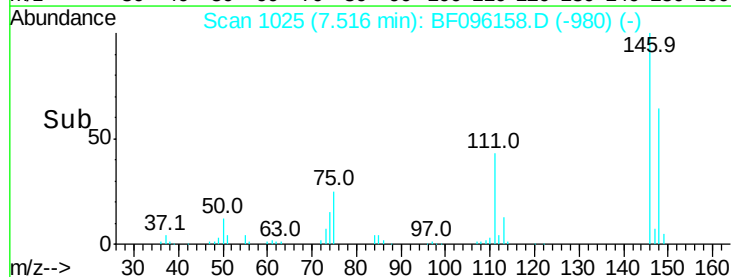
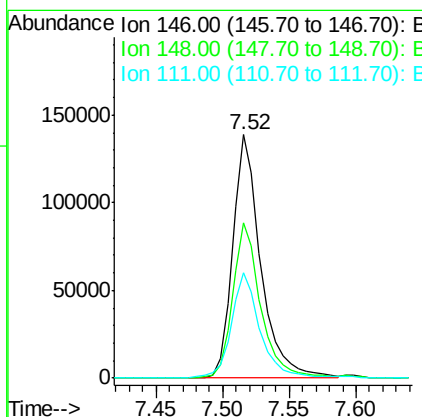
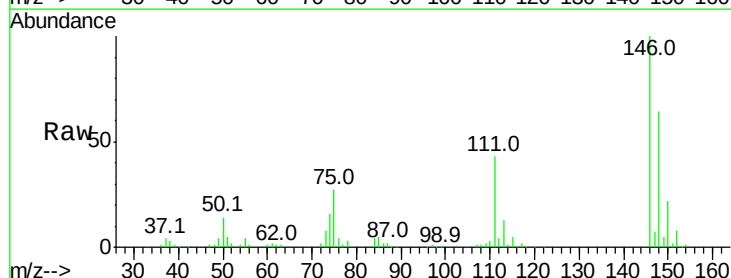
Manual Integrations
 APPROVED

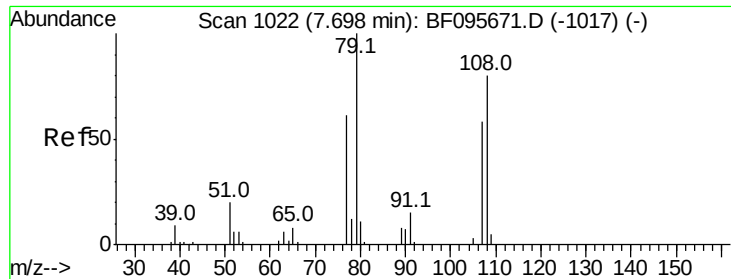
mohammad
 6/28/2017 1:10:27 PM



#14
 1,2-Dichlorobenzene
 Concen: 43.64 ng
 RT: 7.52 min Scan# 1025
 Delta R.T. -0.04 min
 Lab File: BF096158.D
 Acq: 23 Jun 2017 14:23

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.8	50.4	75.6
111	43.2	38.2	57.4





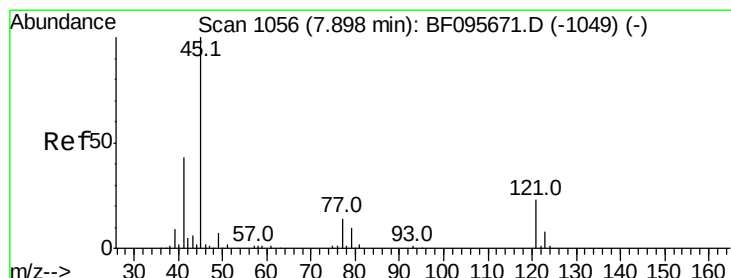
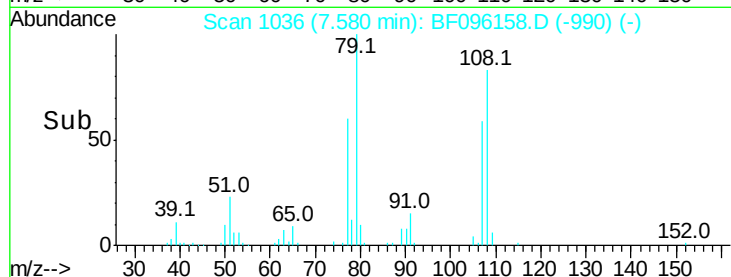
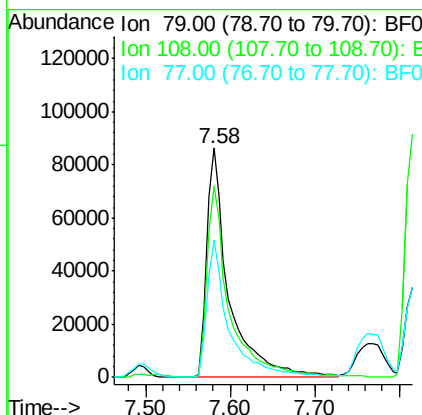
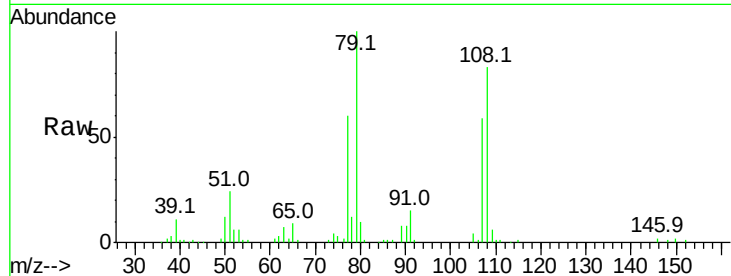
#15
Benzyl Alcohol
Concen: 46.55 ng
RT: 7.58 min Scan# 1036
Delta R.T. -0.03 min
Lab File: BF096158.D
Acq: 23 Jun 2017 14:23

Instrument :
BNA_F
ClientSampleId :
PB100046BS

Tot Ion	Ratio	Lower	Upper
79	100		
108	83.2	63.4	95.0
77	59.6	49.2	73.8

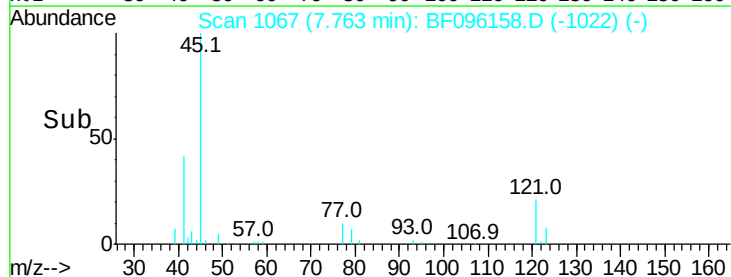
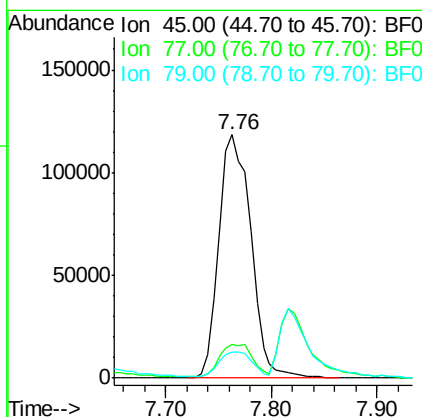
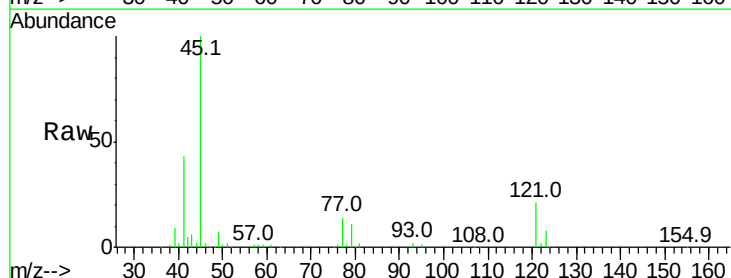
Manual Integrations
APPROVED

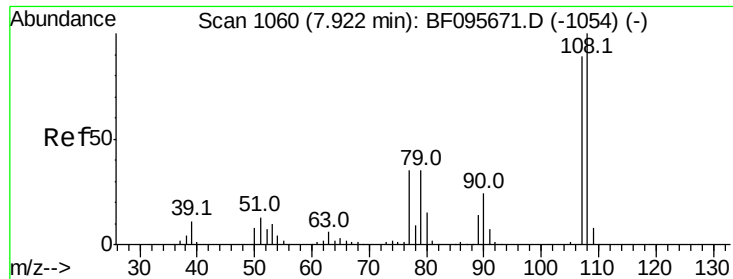
mohammad
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#16
2,2'-oxybis(1-chloropropane)
Concen: 43.82 ng
RT: 7.76 min Scan# 1067
Delta R.T. -0.04 min
Lab File: BF096158.D
Acq: 23 Jun 2017 14:23

Tgt Ion	Ratio	Lower	Upper
45	100		
77	14.1	0.0	33.2
79	10.6	0.0	30.0





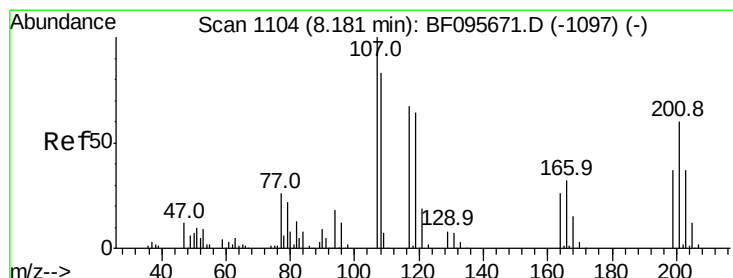
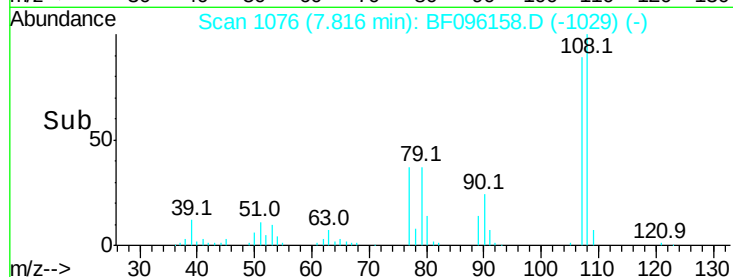
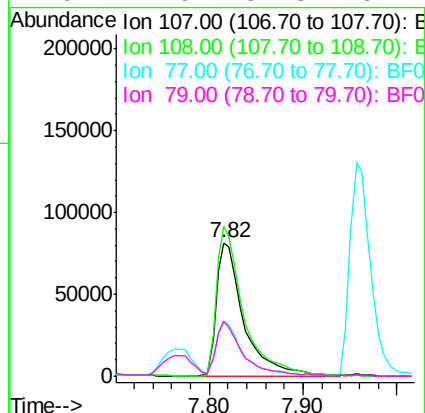
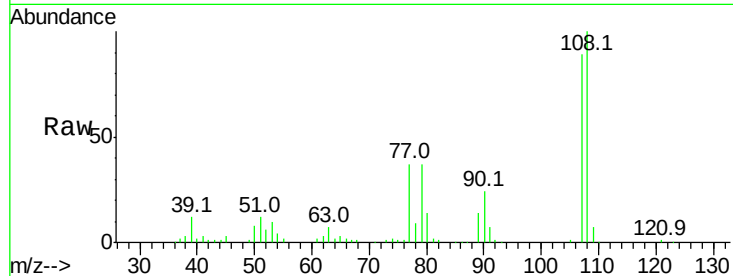
#17
2-Methylphenol
Concen: 45.11 ng
RT: 7.82 min Scan# 1076
Delta R.T. -0.02 min
Lab File: BF096158.D
Acq: 23 Jun 2017 14:23

Instrument :
BNA_F
ClientSampleId :
PB100046BS

Tot Ion	Ratio	Resp	Lower	Upper
107	100	166804		
108	112.3	93.4	140.0	
77	41.5	35.8	53.6	
79	41.6	34.8	52.2	

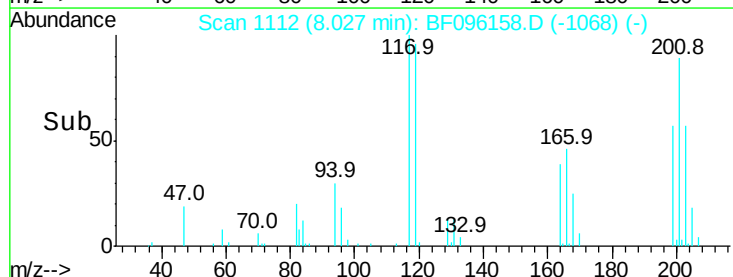
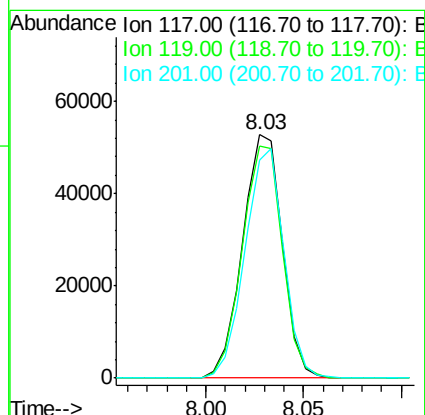
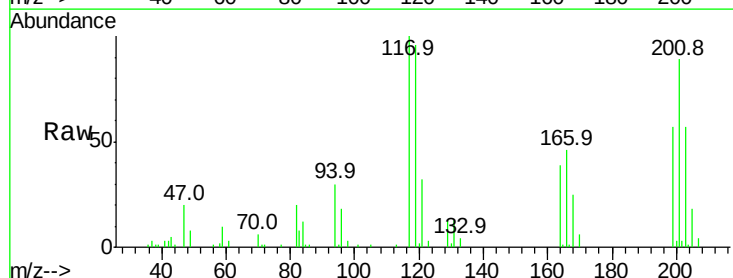
Manual Integrations
APPROVED

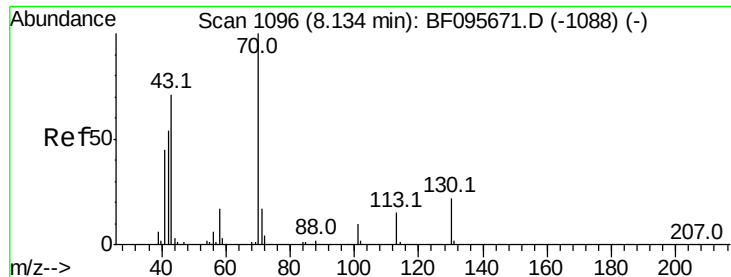
mohammad
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#18
Hexachloroethane
Concen: 44.61 ng
RT: 8.03 min Scan# 1112
Delta R.T. -0.04 min
Lab File: BF096158.D
Acq: 23 Jun 2017 14:23

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	74531		
119	95.5	77.4	116.0	
201	89.5	94.6	141.8#	





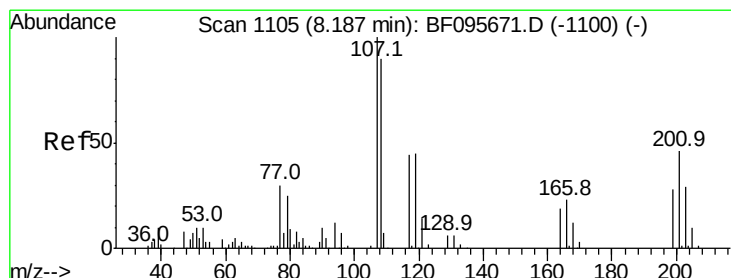
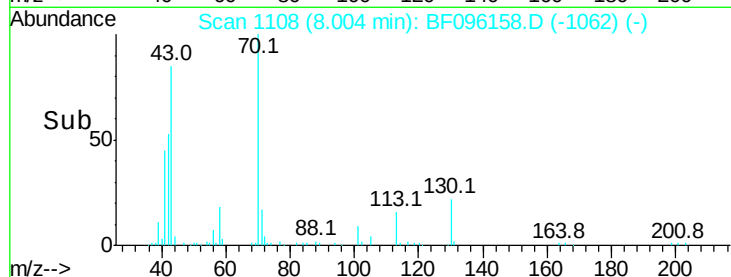
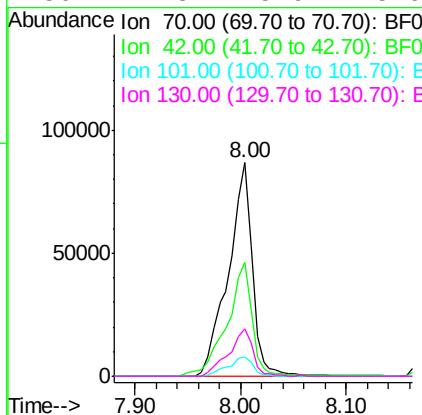
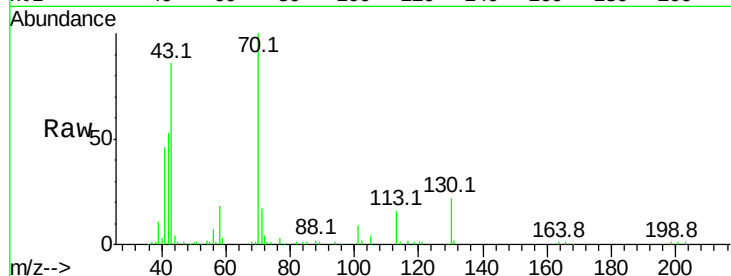
#19
n-Nitroso-di-n-propylamine
Concen: 43.45 ng
RT: 8.00 min Scan# 1108
Delta R.T. -0.03 min
Lab File: BF096158.D
Acq: 23 Jun 2017 14:23

Instrument :
BNA_F
ClientSampleId :
PB100046BS

Tot Ion	Ratio	Lower	Upper
70	100		
42	53.2	47.2	70.8
101	8.9	7.2	10.8
130	22.3	15.9	23.9

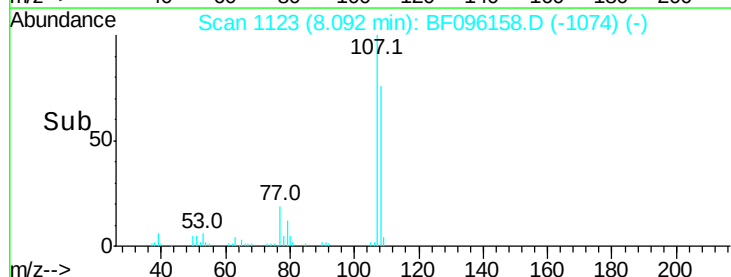
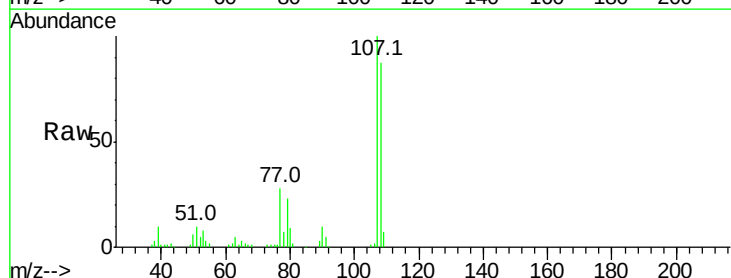
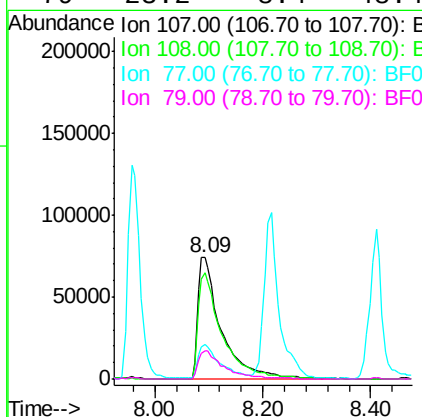
Manual Integrations
APPROVED

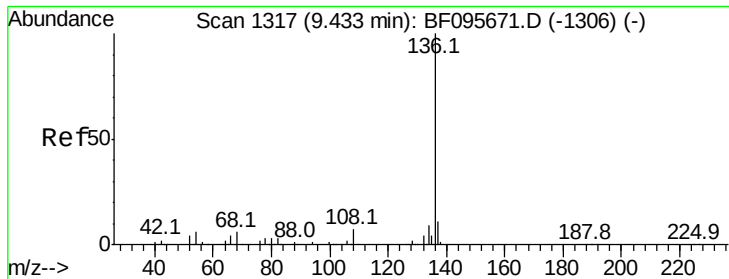
mohammad
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#20
3+4-Methylphenols
Concen: 47.25 ng
RT: 8.09 min Scan# 1123
Delta R.T. -0.01 min
Lab File: BF096158.D
Acq: 23 Jun 2017 14:23

Tgt Ion	Ratio	Lower	Upper
107	100		
108	87.3	71.0	111.0
77	28.5	90.5	130.5#
79	23.2	8.4	48.4





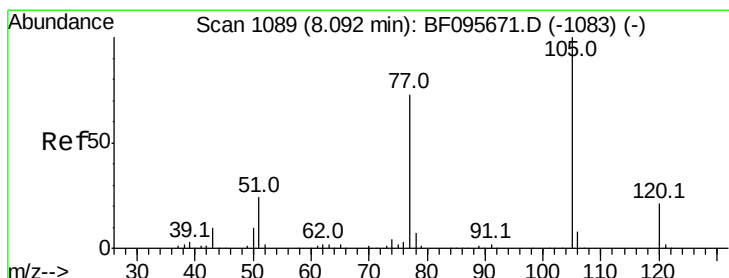
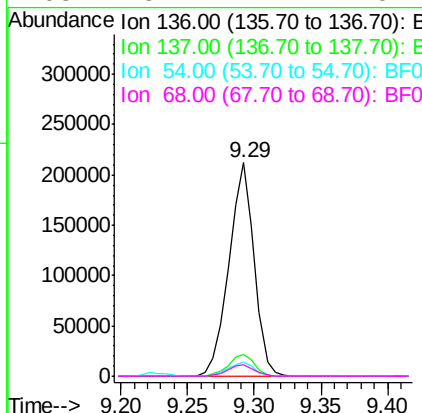
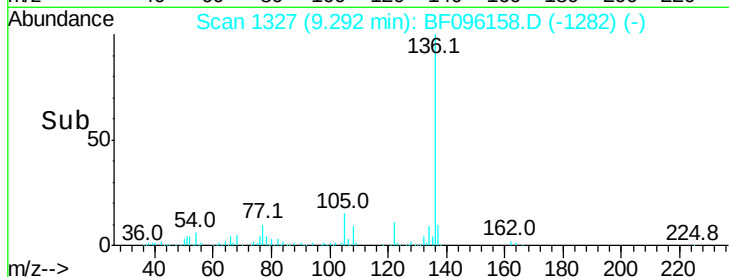
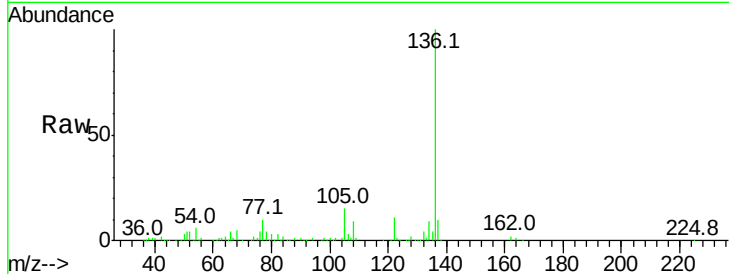
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 9.29 min Scan# 1327
Delta R.T. -0.04 min
Lab File: BF096158.D
Acq: 23 Jun 2017 14:23

Instrument :
BNA_F
ClientSampleId :
PB100046BS

Tot Ion	Ratio	Resp	Lower	Upper
136	100			
137	10.4	8.5	12.7	
54	6.5	4.9	7.3	
68	5.4	4.1	6.1	

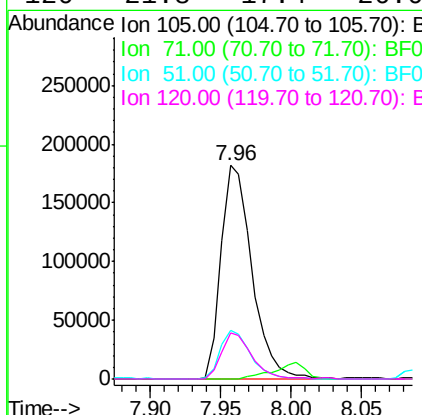
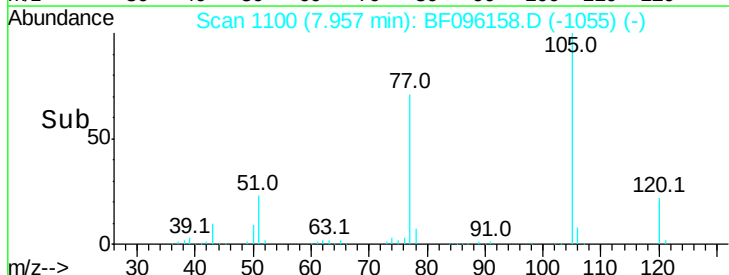
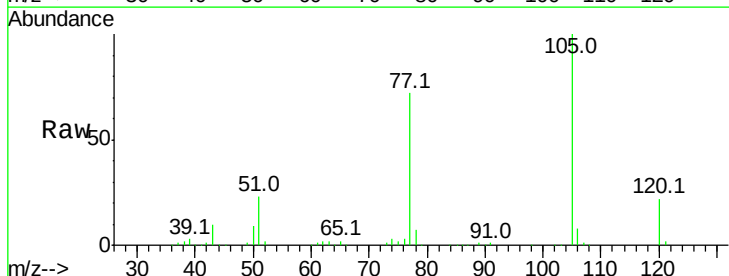
Manual Integrations
APPROVED

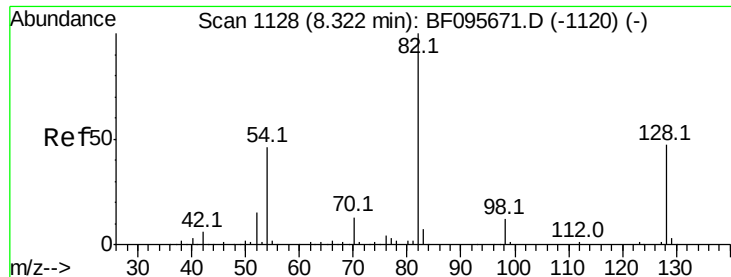
mohammad
6/28/2017 1:10:27 PM



#22
Acetophenone
Concen: 42.37 ng
RT: 7.96 min Scan# 1100
Delta R.T. -0.04 min
Lab File: BF096158.D
Acq: 23 Jun 2017 14:23

Tgt Ion	Ratio	Resp	Lower	Upper
105	100			
71	0.0	2.8	4.2#	
51	22.8	30.7	46.1#	
120	21.8	17.4	26.0	





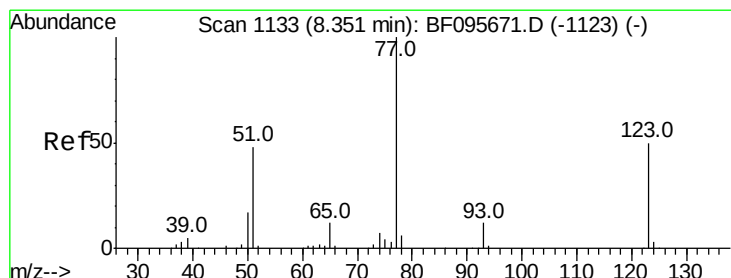
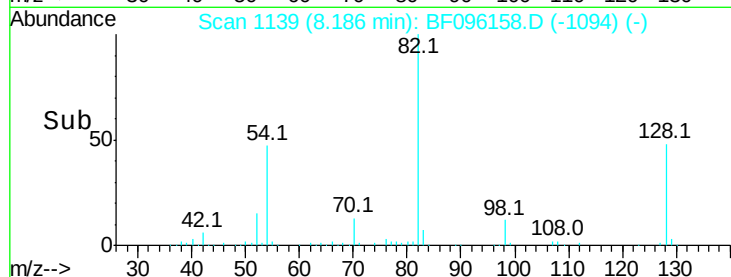
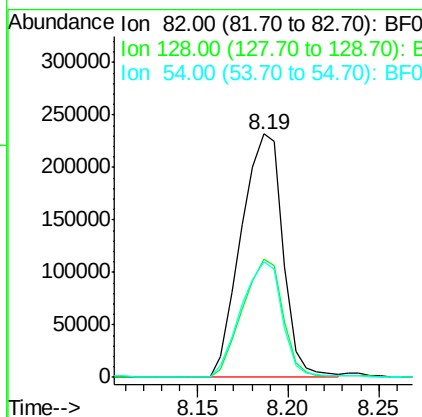
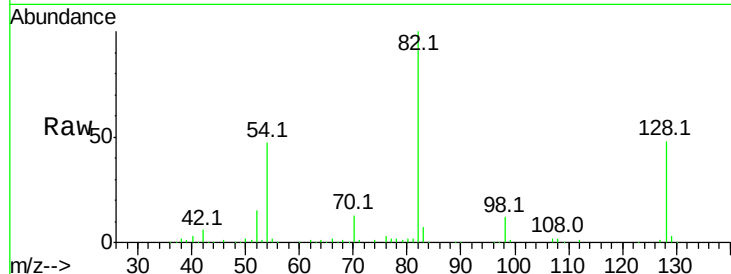
#23
Nitrobenzene-d5
Concen: 82.51 ng
RT: 8.19 min Scan# 1139
Delta R.T. -0.04 min
Lab File: BF096158.D
Acq: 23 Jun 2017 14:23

Instrument :
BNA_F
ClientSampleId :
PB100046BS

Tot Ion	Ratio	Lower	Upper
82	100		
128	48.3	34.0	51.0
54	47.4	42.2	63.2

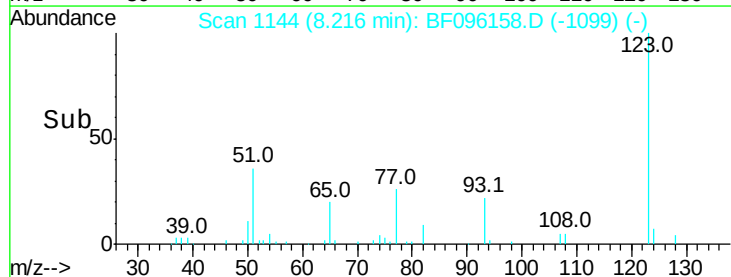
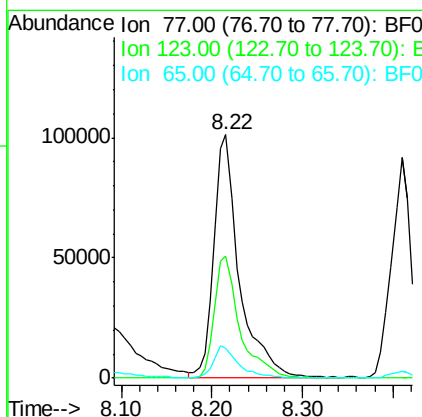
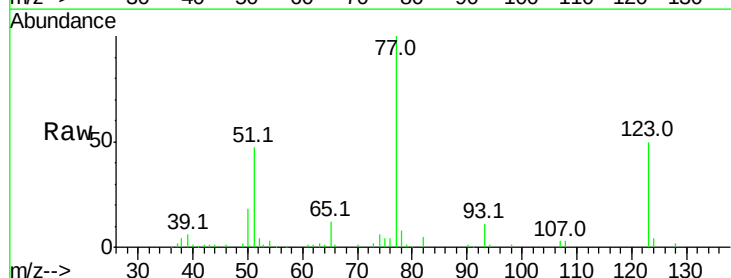
Manual Integrations
APPROVED

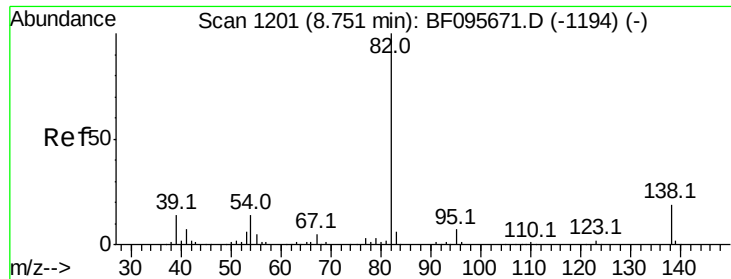
mohammad
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#24
Nitrobenzene
Concen: 40.18 ng
RT: 8.22 min Scan# 1144
Delta R.T. -0.04 min
Lab File: BF096158.D
Acq: 23 Jun 2017 14:23

Tgt Ion	Ratio	Lower	Upper
77	100		
123	50.0	35.8	53.8
65	12.1	10.6	15.8





#25

Isophorone

Concen: 41.70 ng

RT: 8.62 min Scan# 1213

Delta R.T. -0.03 min

Lab File: BF096158.D

Acq: 23 Jun 2017 14:23

Instrument :

BNA_F

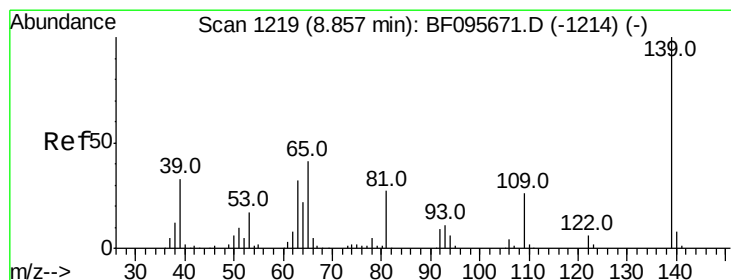
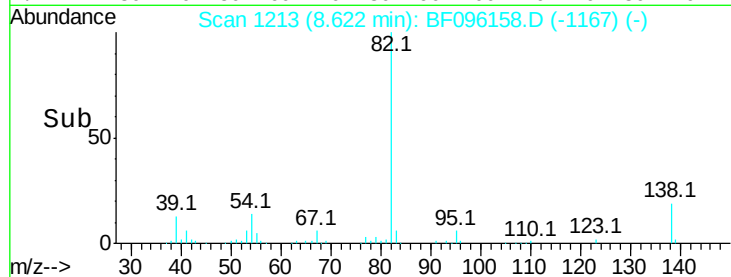
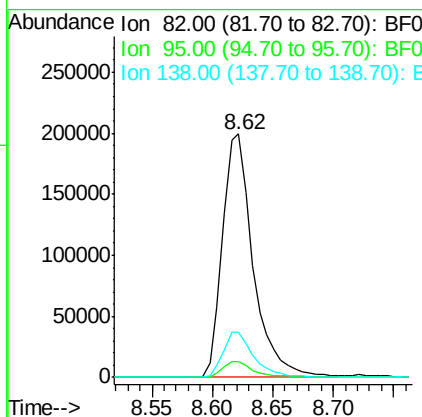
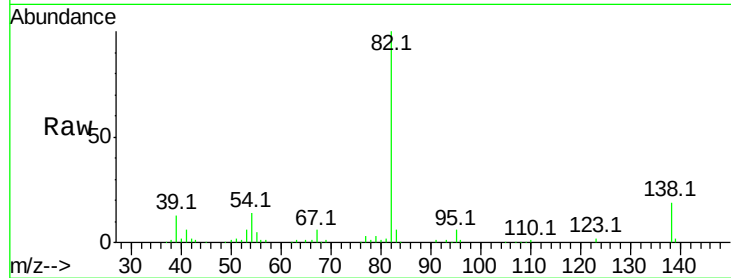
ClientSampled :

PB100046BS

Tot Ion:	82	Resp:	352023
Ion Ratio	Lower	Upper	
82	100		
95	6.5	5.3	7.9
138	18.6	13.1	19.7

Manual Integrations
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mohammad
6/28/2017 1:10:27 PM



#26

2-Nitrophenol

Concen: 43.86 ng

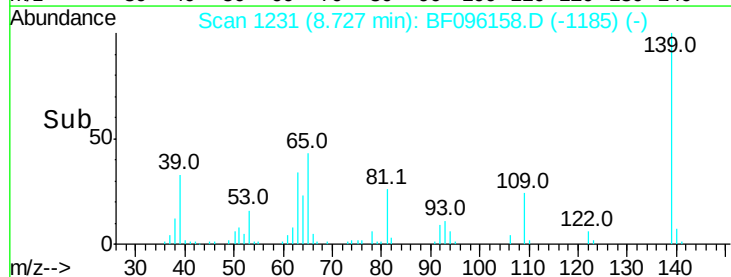
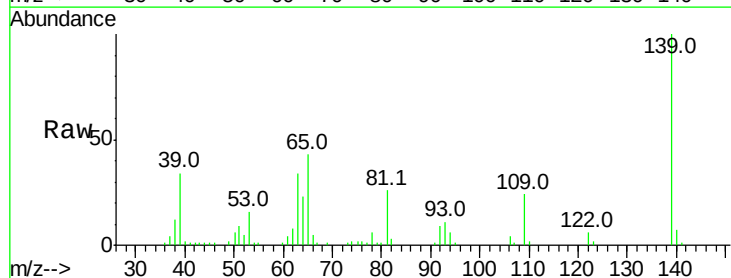
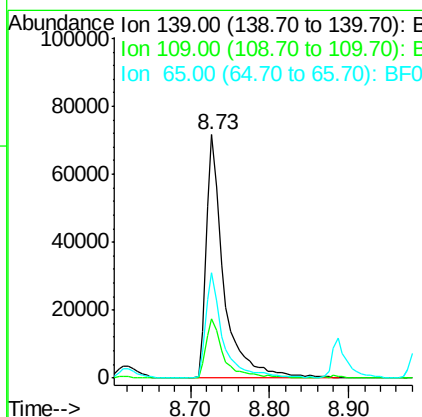
RT: 8.73 min Scan# 1231

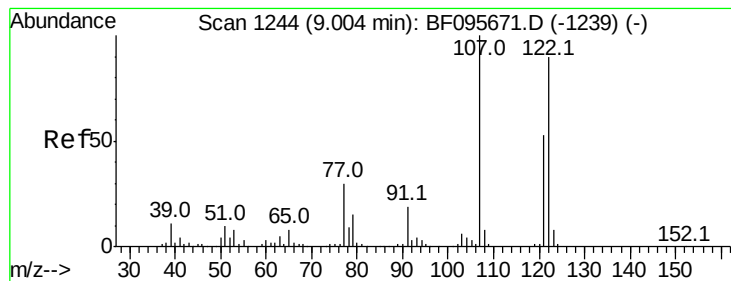
Delta R.T. -0.03 min

Lab File: BF096158.D

Acq: 23 Jun 2017 14:23

Tgt Ion:	139	Resp:	110907
Ion Ratio	Lower	Upper	
139	100		
109	24.1	21.0	31.6
65	43.1	33.0	49.6





#27

2,4-Dimethylphenol

Concen: 44.57 ng

RT: 8.89 min Scan# 1258

Delta R.T. -0.03 min

Lab File: BF096158.D

Acq: 23 Jun 2017 14:23

Instrument :

BNA_F

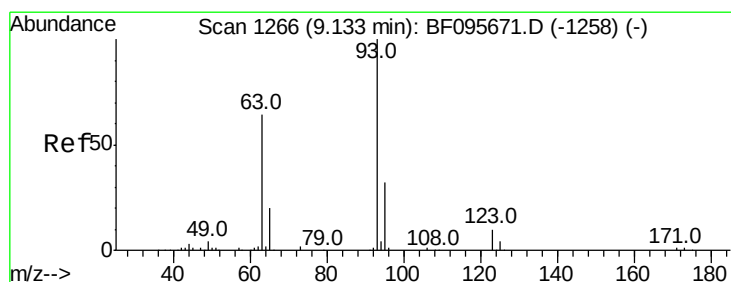
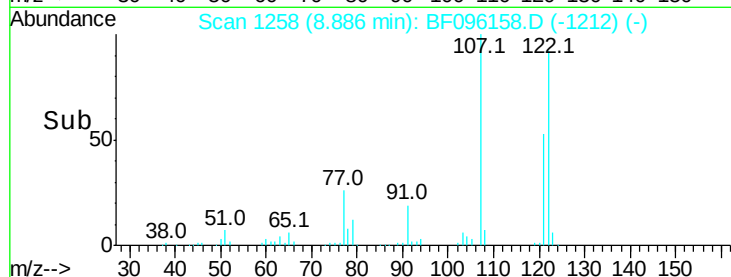
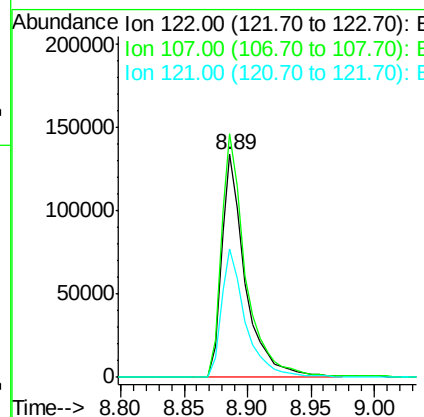
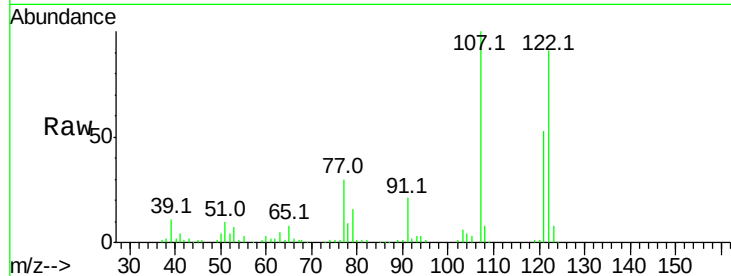
ClientSampleId :

PB100046BS

Tot Ion:	122	Resp:	174933
Ion Ratio	Lower	Upper	
122	100		
107	109.3	89.2	133.8
121	57.9	45.2	67.8

Manual Integrations
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#28

bis(2-Chloroethoxy)methane

Concen: 41.82 ng

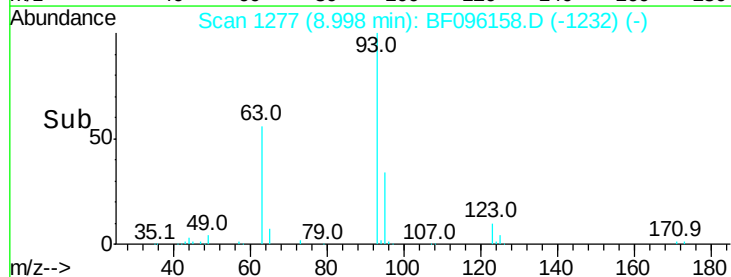
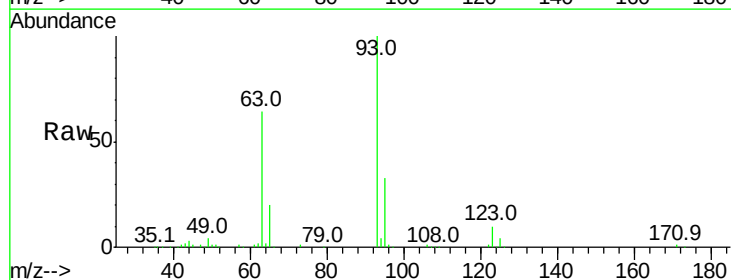
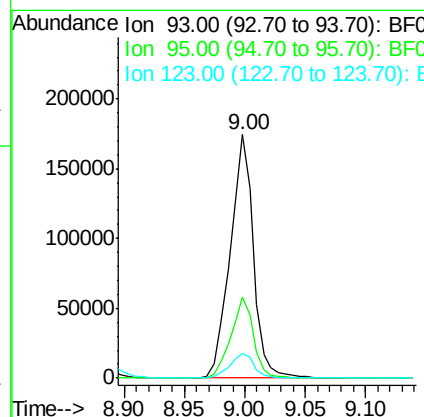
RT: 9.00 min Scan# 1277

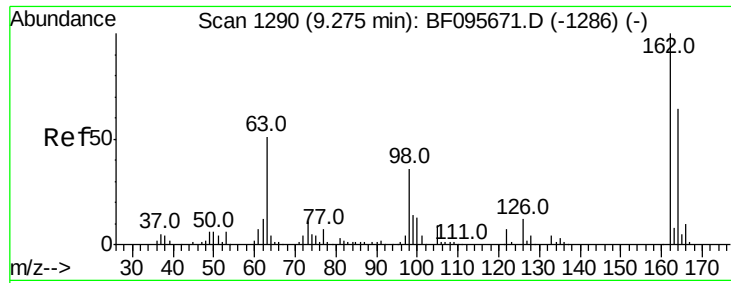
Delta R.T. -0.04 min

Lab File: BF096158.D

Acq: 23 Jun 2017 14:23

Tgt Ion:	93	Resp:	232682
Ion Ratio	Lower	Upper	
93	100		
95	33.1	26.5	39.7
123	10.2	9.0	13.4





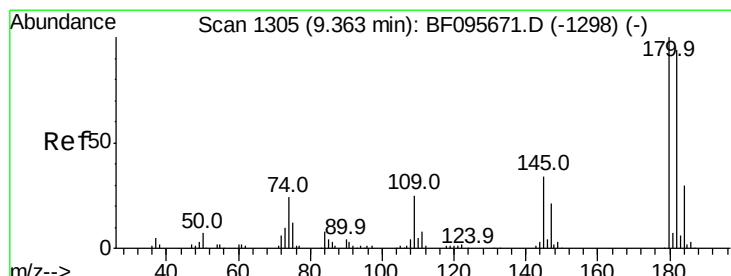
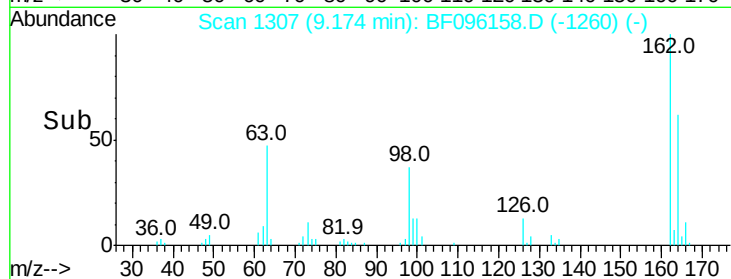
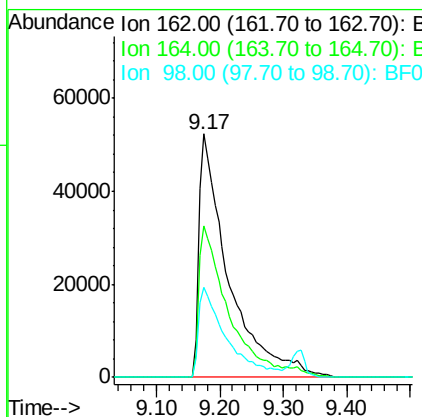
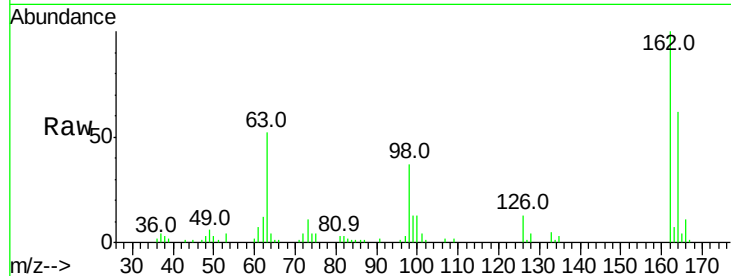
#29
 2,4-Dichlorophenol
 Concen: 44.42 ng
 RT: 9.17 min Scan# 1307
 Delta R.T. -0.02 min
 Lab File: BF096158.D
 Acq: 23 Jun 2017 14:23

Instrument :
 BNA_F
 ClientSampleId :
 PB100046BS

Tot Ion	Ratio	Resp	Lower	Upper
162	100	167878		
164	62.4		44.6	84.6
98	37.2		14.8	54.8

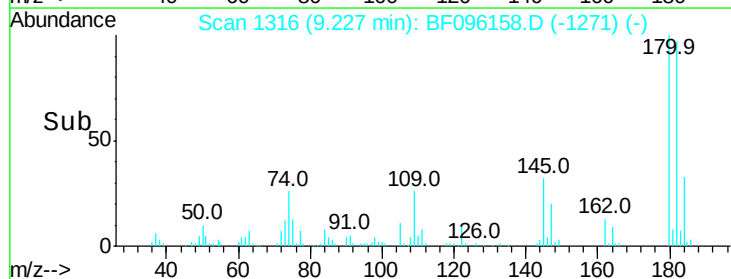
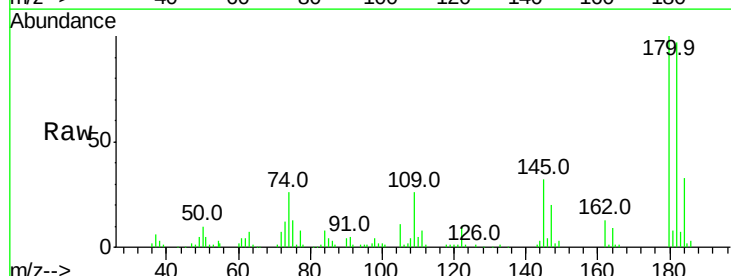
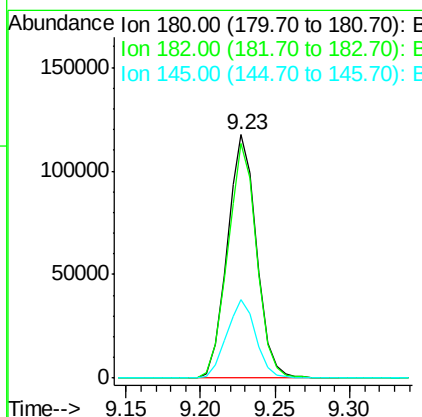
Manual Integrations
 APPROVED

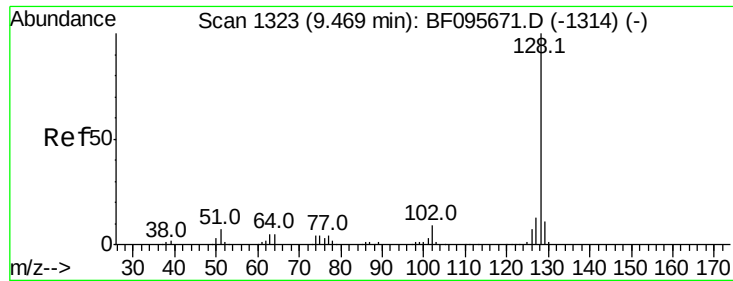
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#30
 1,2,4-Trichlorobenzene
 Concen: 40.95 ng
 RT: 9.23 min Scan# 1316
 Delta R.T. -0.04 min
 Lab File: BF096158.D
 Acq: 23 Jun 2017 14:23

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	161040		
182	96.6		75.8	113.6
145	32.4		25.3	37.9





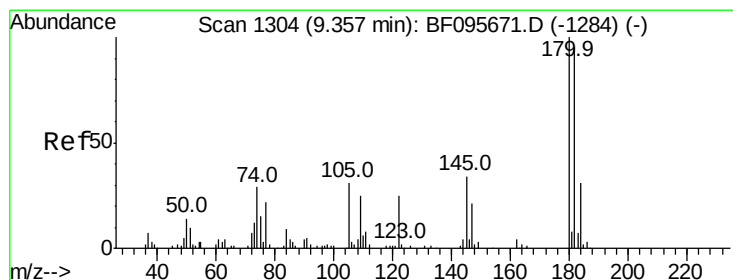
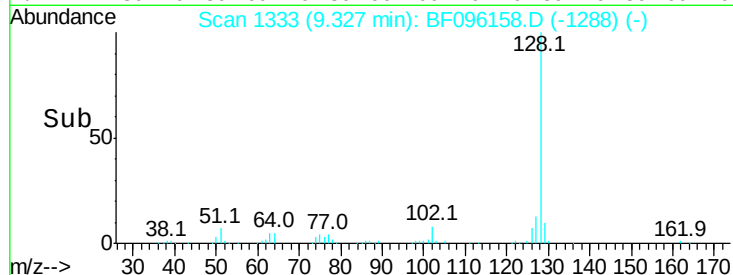
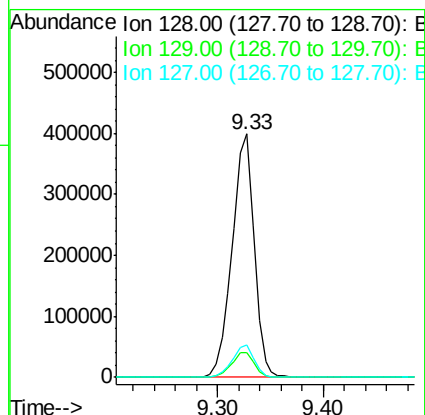
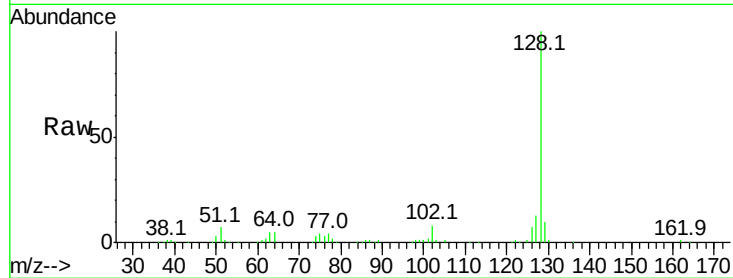
#31
Naphthalene
Concen: 40.79 ng
RT: 9.33 min Scan# 1333
Delta R.T. -0.04 min
Lab File: BF096158.D
Acq: 23 Jun 2017 14:23

Instrument :
BNA_F
ClientSampled :
PB100046BS

Tot Ion	Ratio	Lower	Upper
128	100		
129	10.4	9.0	13.6
127	13.1	10.8	16.2

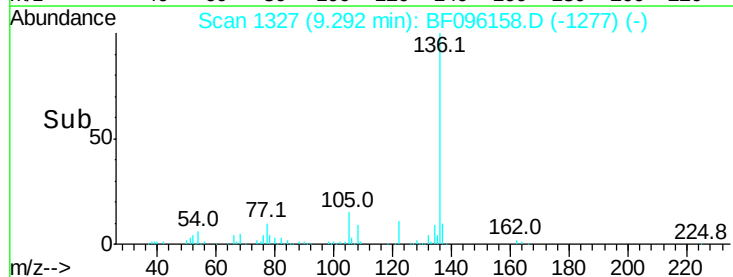
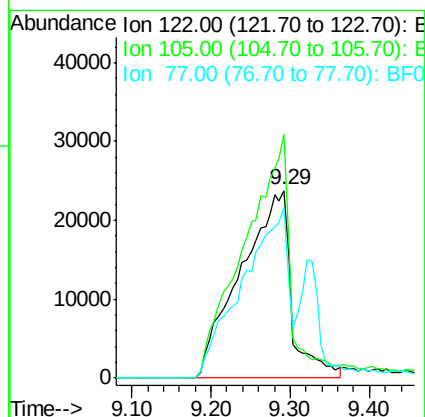
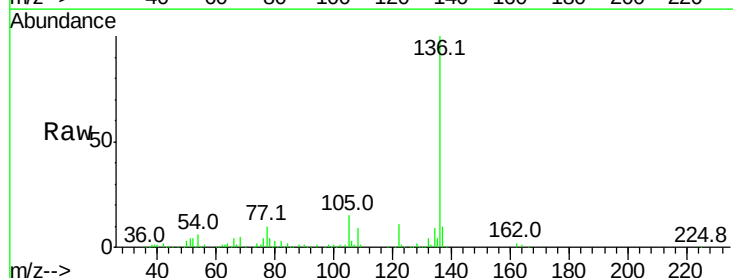
Manual Integrations
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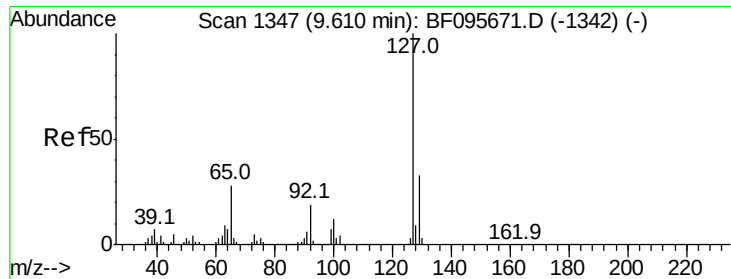
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#32
Benzoic acid
Concen: 43.67 ng
RT: 9.29 min Scan# 1327
Delta R.T. -0.01 min
Lab File: BF096158.D
Acq: 23 Jun 2017 14:23

Tgt Ion	Ratio	Lower	Upper
122	100		
105	130.0	103.3	143.3
77	91.4	73.7	113.7





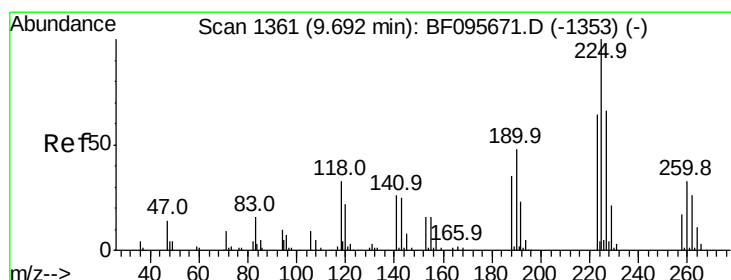
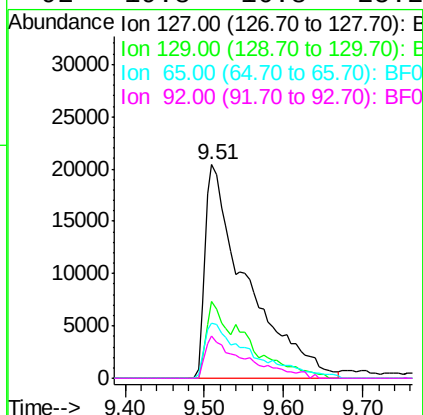
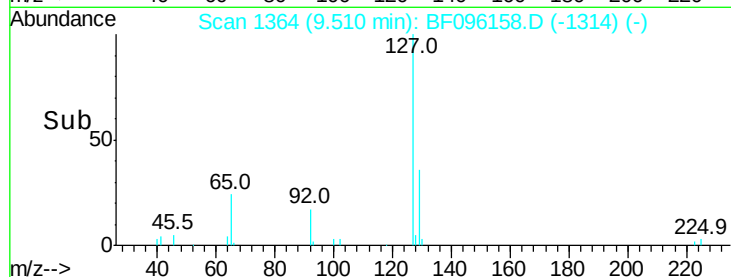
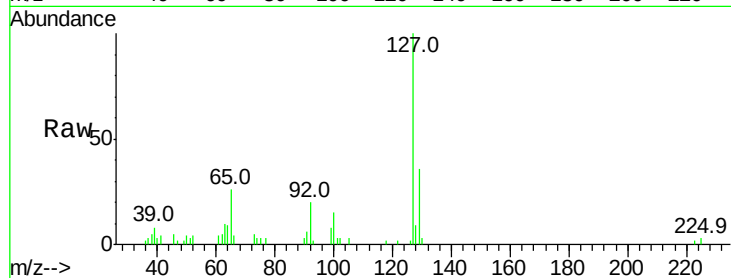
#33
4-Chloroaniline
Concen: 13.59 ng
RT: 9.51 min Scan# 1364
Delta R.T. -0.01 min
Lab File: BF096158.D
Acq: 23 Jun 2017 14:23

Instrument :
BNA_F
ClientSampleId :
PB100046BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100				
129	35.7	26.2	39.2		
65	25.5	27.8	41.8		
92	19.8	16.8	25.2		

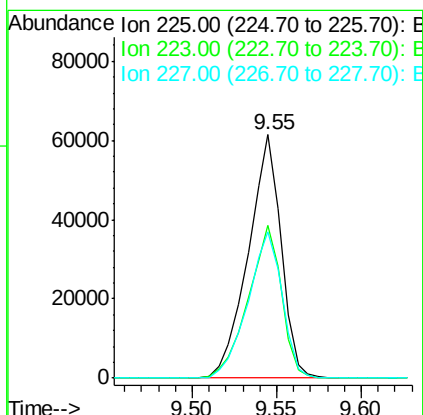
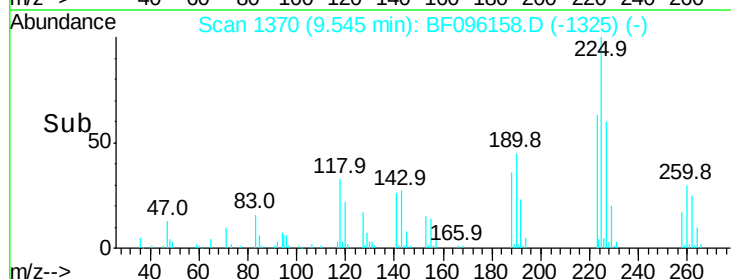
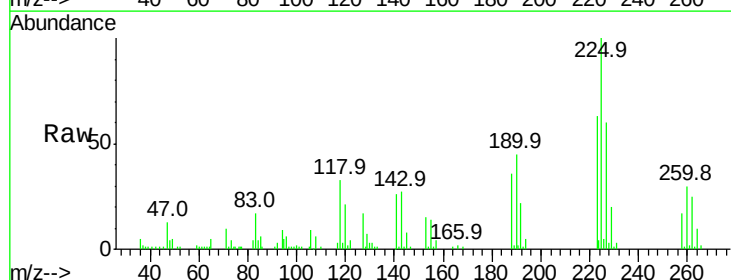
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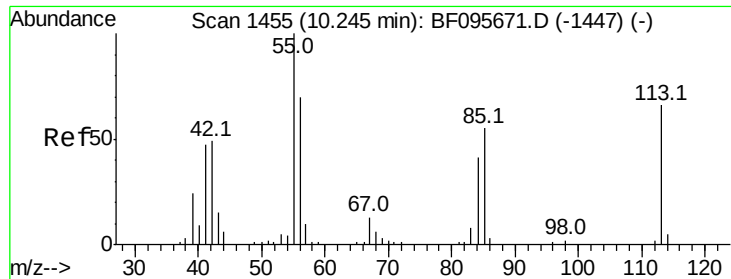
mohammad
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#34
Hexachlorobutadiene
Concen: 41.02 ng
RT: 9.55 min Scan# 1370
Delta R.T. -0.04 min
Lab File: BF096158.D
Acq: 23 Jun 2017 14:23

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100				
223	62.8	48.8	73.2		
227	60.2	51.1	76.7		





#35

Caprolactam

Concen: 49.10 ng/mL

RT: 10.14 min Scan# 1471

Delta R.T. -0.02 min

Lab File: BF096158.D

Acq: 23 Jun 2017 14:23

Instrument :

BNA_F

ClientSampleId :

PB100046BS

Tot Ion:113 Resp: 55224

Ion Ratio Lower Upper

113 100

55 153.3 150.2 190.2

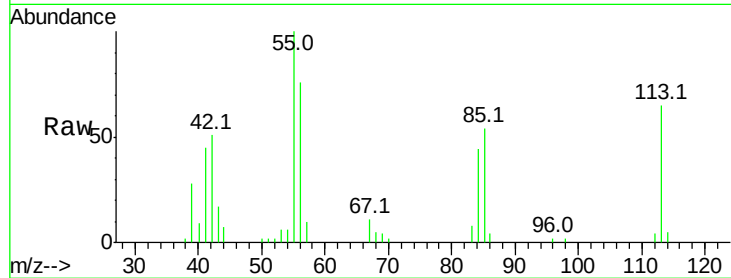
56 116.2 107.8 147.8

Manual Integrations

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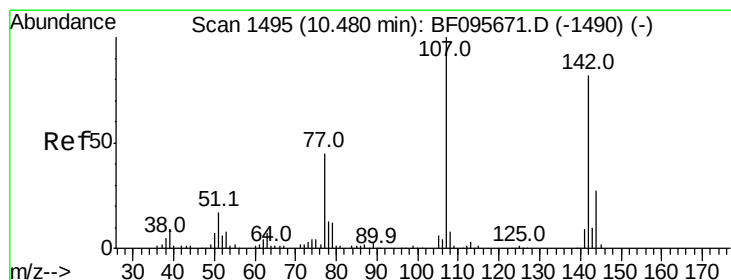
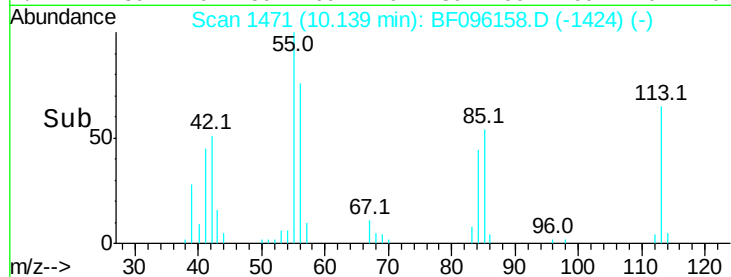
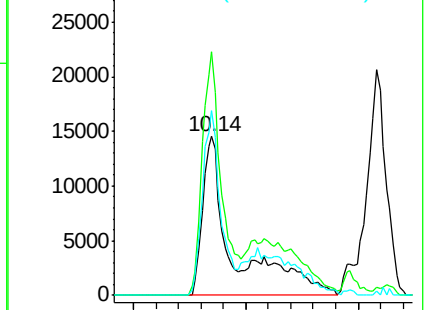
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Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF0

Ion 56.00 (55.70 to 56.70): BF0



#36

4-Chloro-3-methylphenol

Concen: 45.14 ng/mL

RT: 10.39 min Scan# 1513

Delta R.T. -0.02 min

Lab File: BF096158.D

Acq: 23 Jun 2017 14:23

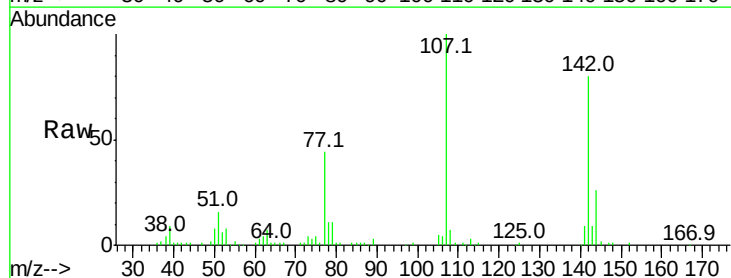
Tgt Ion:107 Resp: 178584

Ion Ratio Lower Upper

107 100

144 25.5 24.2 36.4

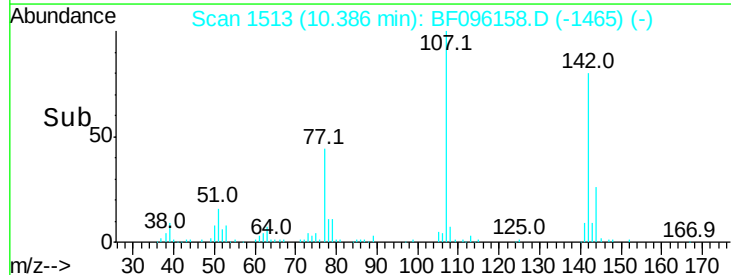
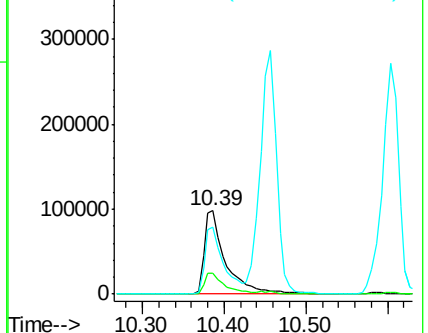
142 79.9 73.4 110.0

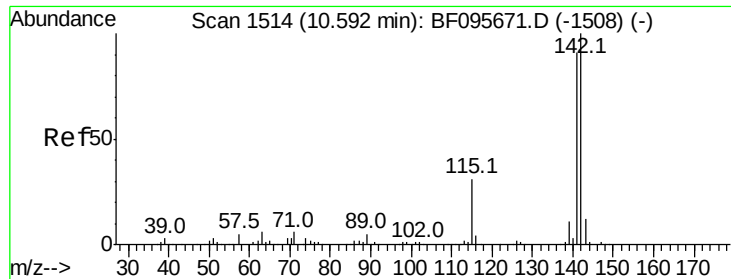


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





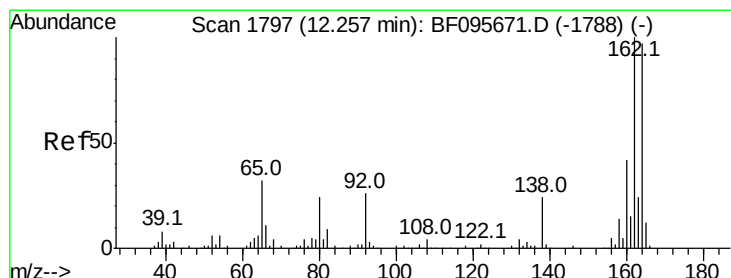
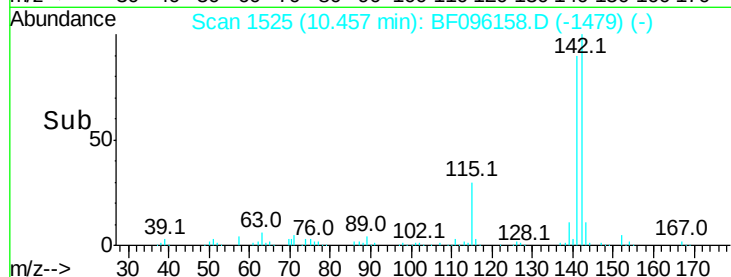
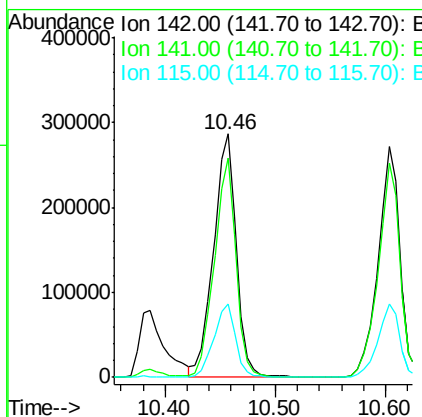
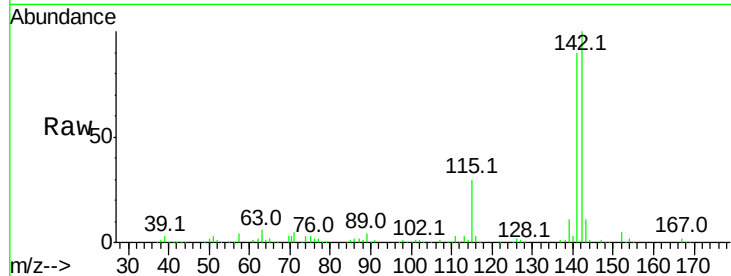
#37
2-Methylnaphthalene
Concen: 42.79 ng
RT: 10.46 min Scan# 1525
Delta R.T. -0.03 min
Lab File: BF096158.D
Acq: 23 Jun 2017 14:23

Instrument :
BNA_F
ClientSampleId :
PB100046BS

Tot Ion	Ratio	Resp	Lower	Upper
142	100	407382		
141	90.2	71.3	106.9	
115	30.0	27.1	40.7	

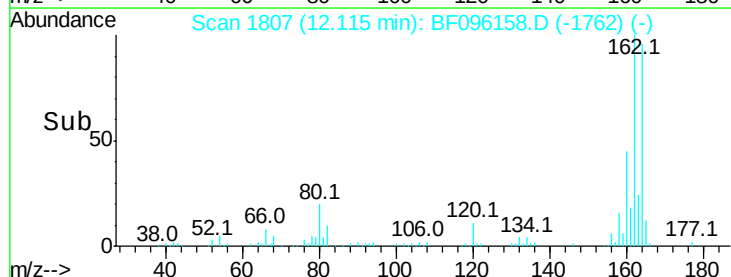
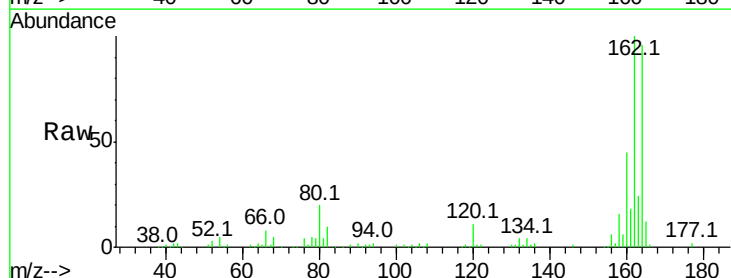
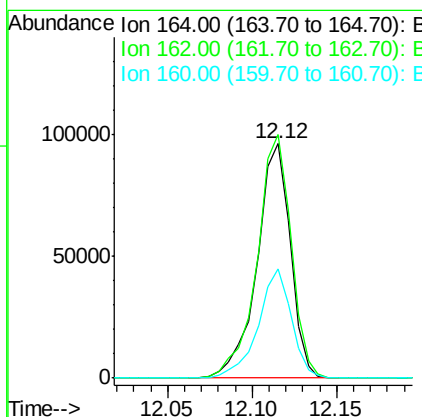
Manual Integrations
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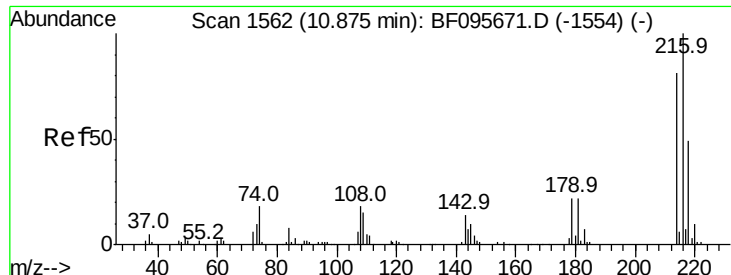
mohammad
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#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 12.12 min Scan# 1807
Delta R.T. -0.04 min
Lab File: BF096158.D
Acq: 23 Jun 2017 14:23

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	131688		
162	103.8	82.6	123.8	
160	46.8	36.2	54.2	





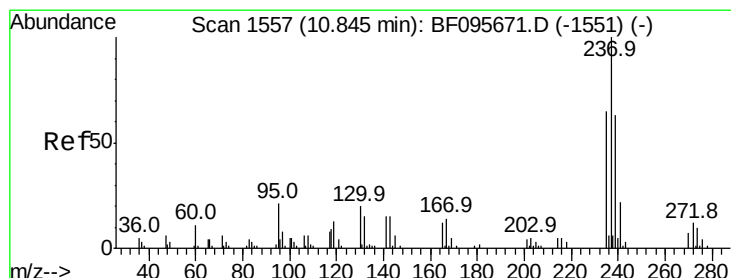
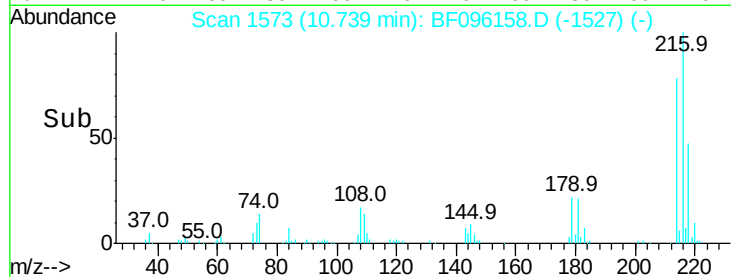
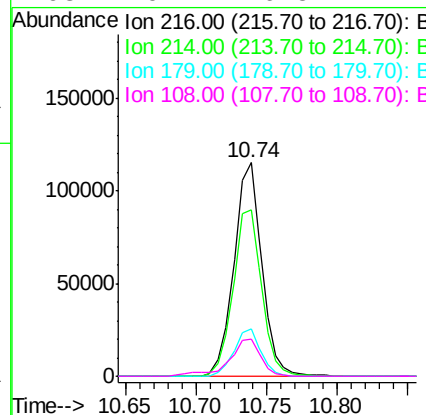
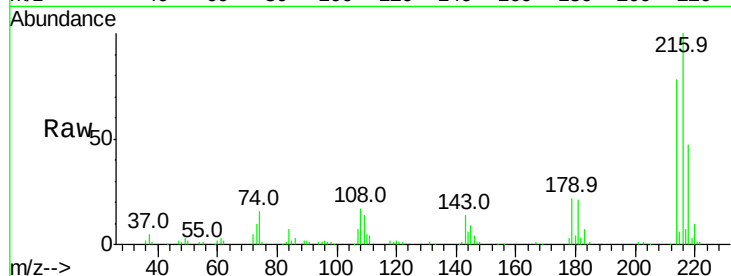
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 39.95 ng
 RT: 10.74 min Scan# 1573
 Delta R.T. -0.03 min
 Lab File: BF096158.D
 Acq: 23 Jun 2017 14:23

Instrument :
 BNA_F
 ClientSampleId :
 PB100046BS

Tot Ion	Ratio	Resp	Lower	Upper
216	100	157463		
214	80.4		63.4	95.2
179	21.6		17.9	26.9
108	19.7		16.5	24.7

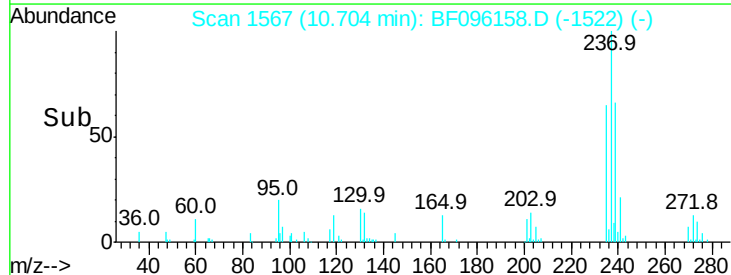
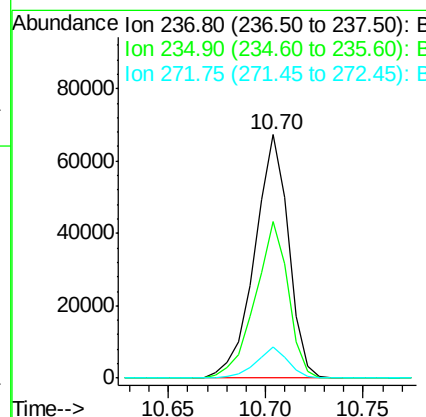
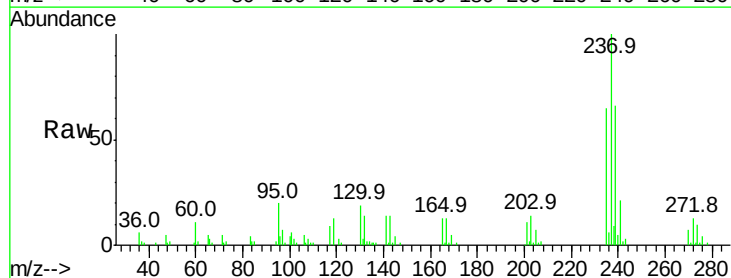
Manual Integrations
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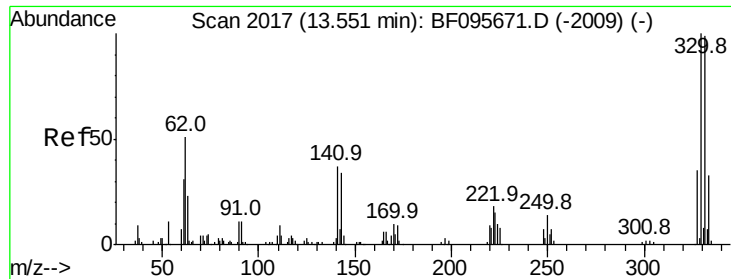
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#40
 Hexachlorocyclopentadiene
 Concen: 67.51 ng
 RT: 10.70 min Scan# 1567
 Delta R.T. -0.04 min
 Lab File: BF096158.D
 Acq: 23 Jun 2017 14:23

Tgt Ion	Ratio	Resp	Lower	Upper
237	100	80880		
235	64.5		42.6	82.6
272	12.7		0.0	31.9





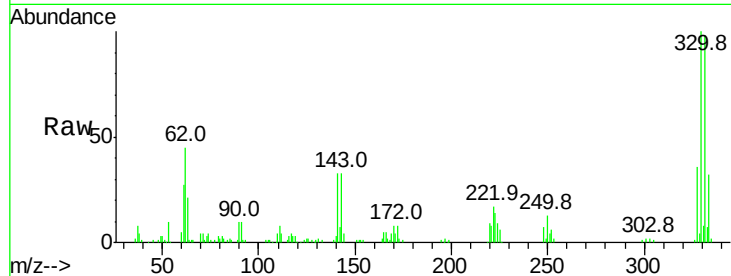
#41
 2,4,6-Tribromophenol
 Concen: 124.46 ng
 RT: 13.42 min Scan# 2029
 Delta R.T. -0.03 min
 Lab File: BF096158.D
 Acq: 23 Jun 2017 14:23

Instrument :
 BNA_F
 ClientSampled :
 PB100046BS

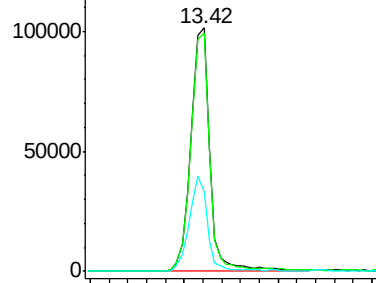
Tot Ion	Ratio	Lower	Upper
330	100		
332	95.9	76.6	115.0
141	37.4	31.4	47.2

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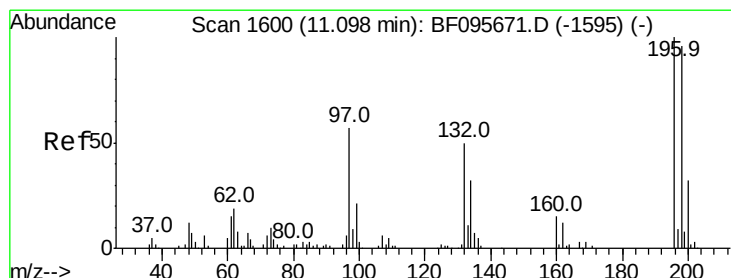
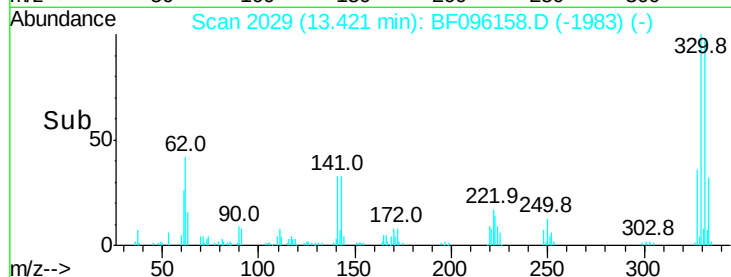
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Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E



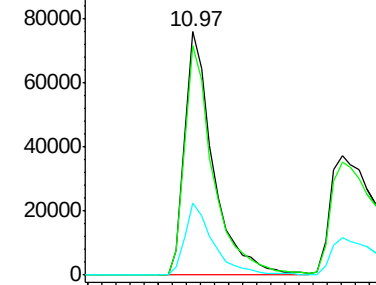
Time--> 13.30 13.40 13.50



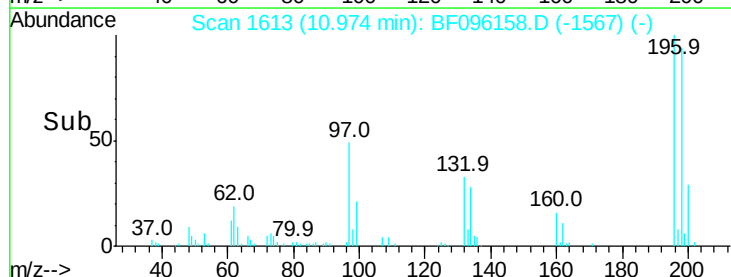
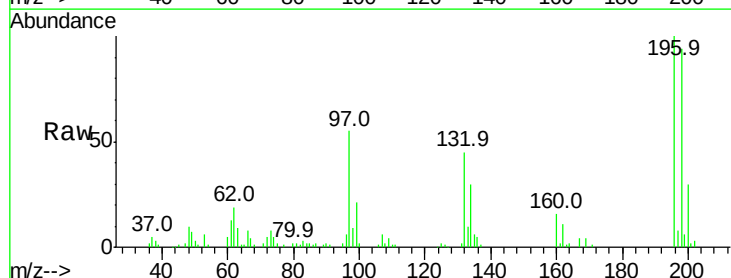
#42
 2,4,6-Trichlorophenol
 Concen: 42.53 ng
 RT: 10.97 min Scan# 1613
 Delta R.T. -0.03 min
 Lab File: BF096158.D
 Acq: 23 Jun 2017 14:23

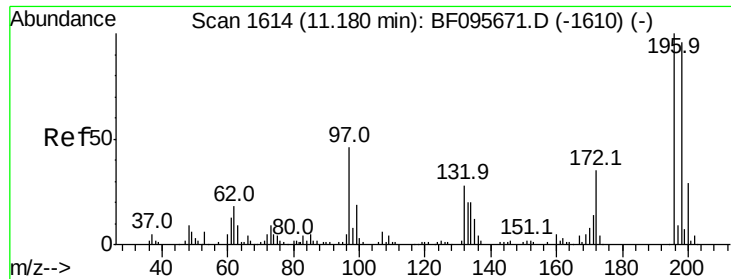
Tgt Ion	Ratio	Lower	Upper
196	100		
198	94.5	74.2	111.4
200	29.8	24.0	36.0

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



Time--> 10.90 10.95 11.00 11.05





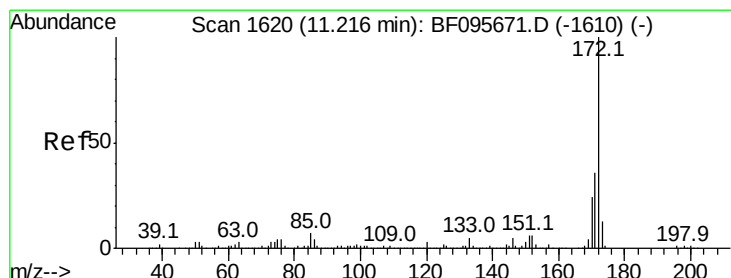
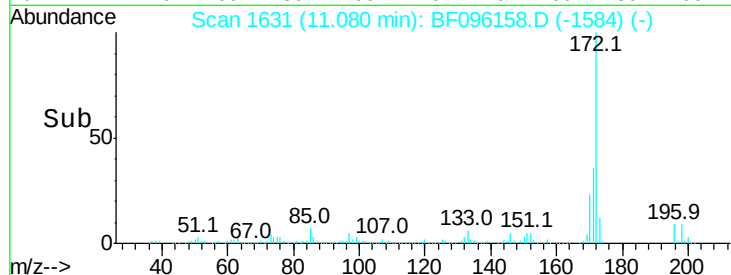
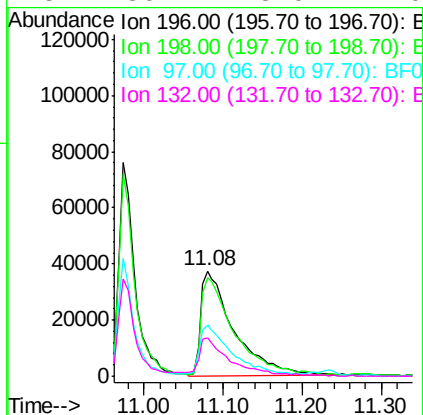
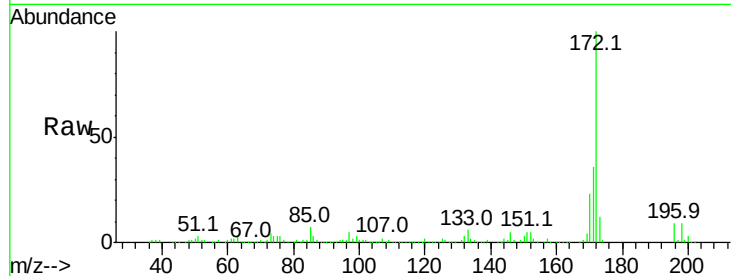
#43
 2,4,5-Trichlorophenol
 Concen: 40.03 ng
 RT: 11.08 min Scan# 1631
 Delta R.T. -0.02 min
 Lab File: BF096158.D
 Acq: 23 Jun 2017 14:23

Instrument :
 BNA_F
 ClientSampleId :
 PB100046BS

Tot Ion	Ratio	Resp	Lower	Upper
196	100	107893		
198	93.7	75.7	113.5	
97	49.2	47.7	71.5	
132	36.1	28.0	42.0	

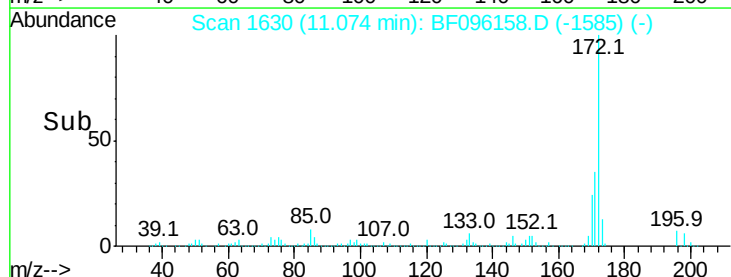
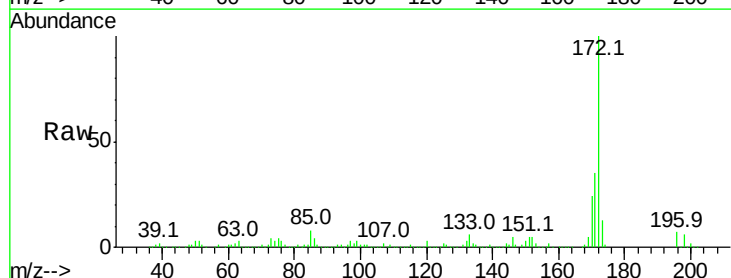
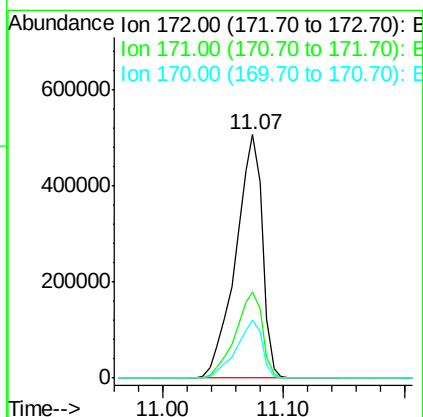
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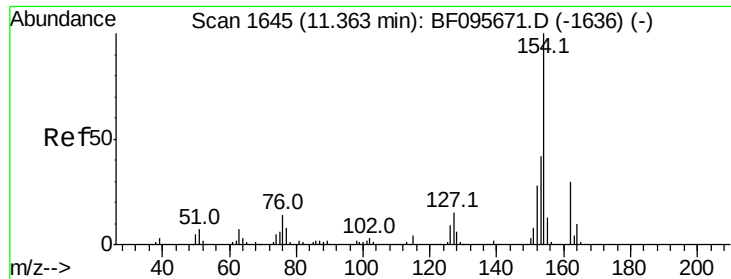
mohammad
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#44
 2-Fluorobiphenyl
 Concen: 82.11 ng
 RT: 11.07 min Scan# 1630
 Delta R.T. -0.04 min
 Lab File: BF096158.D
 Acq: 23 Jun 2017 14:23

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	776983		
171	35.2	29.6	44.4	
170	23.6	19.8	29.8	





#45

1,1'-Biphenyl

Concen: 41.85 ng

RT: 11.22 min Scan# 1655

Delta R.T. -0.04 min

Lab File: BF096158.D

Acq: 23 Jun 2017 14:23

Instrument :

BNA_F

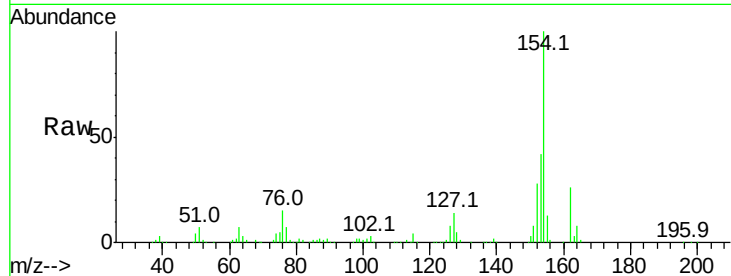
ClientSampleId :

PB100046BS

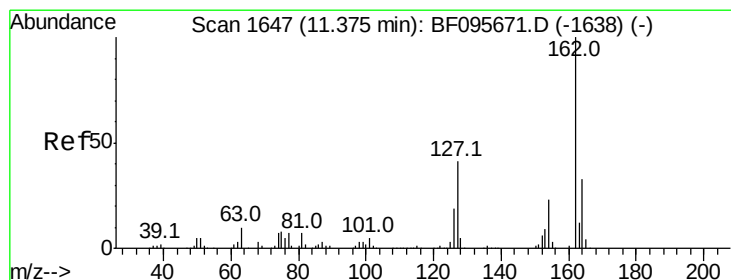
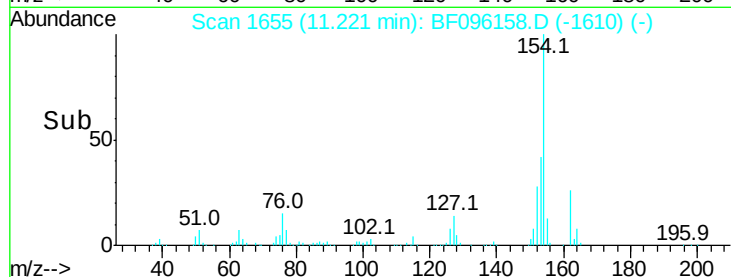
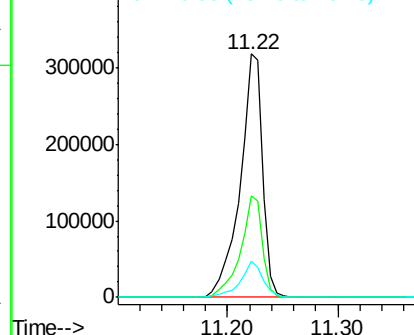
Tot Ion:	154	Resp:	454219
Ion Ratio	Lower	Upper	
154	100		
153	41.9	21.2	61.2
76	14.7	0.0	29.9

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



#46

2-Chloronaphthalene

Concen: 40.96 ng

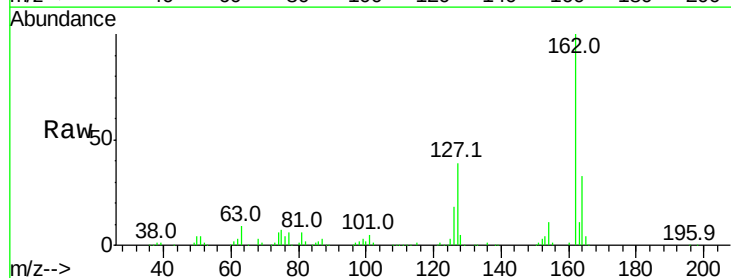
RT: 11.24 min Scan# 1658

Delta R.T. -0.03 min

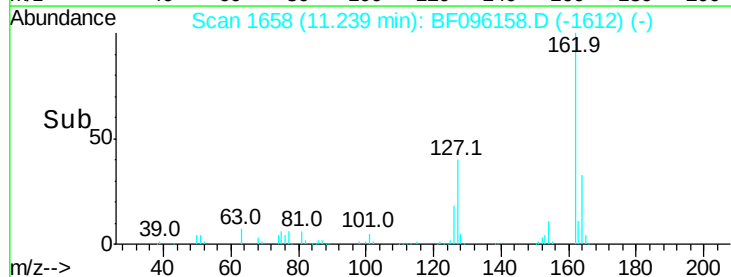
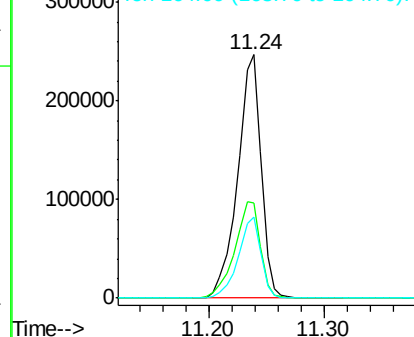
Lab File: BF096158.D

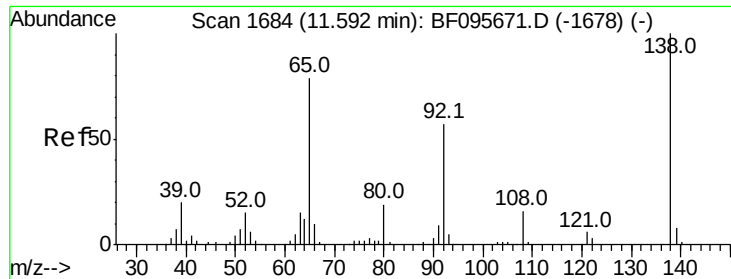
Acq: 23 Jun 2017 14:23

Tgt Ion:	162	Resp:	347349
Ion Ratio	Lower	Upper	
162	100		
127	39.0	28.3	42.5
164	33.2	27.0	40.4



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





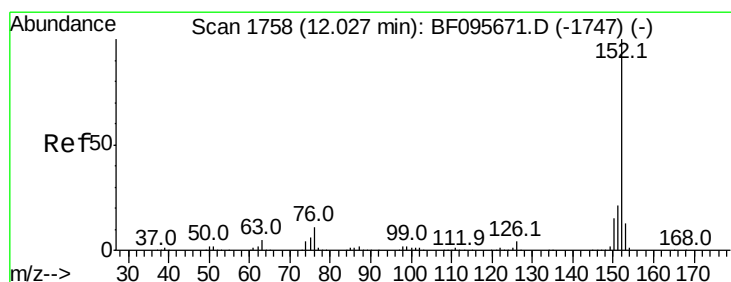
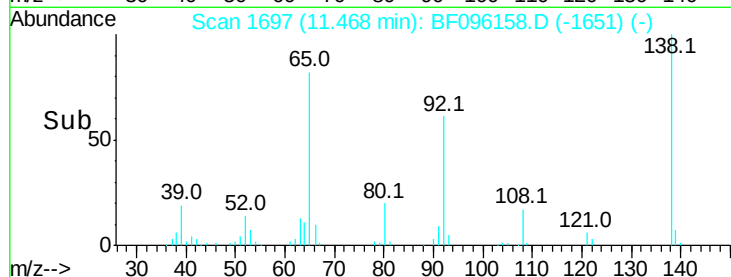
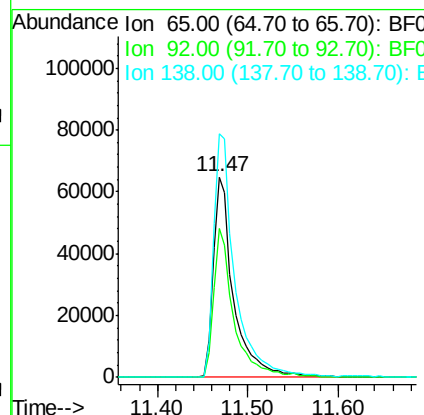
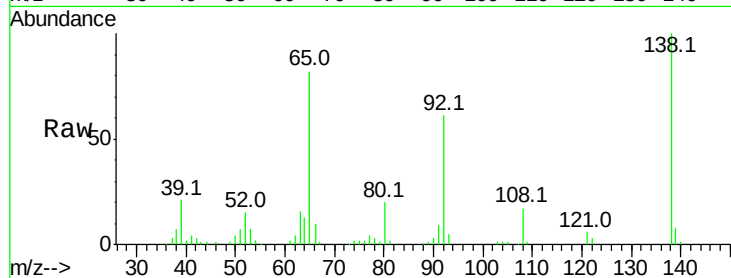
#47
2-Nitroaniline
Concen: 41.22 ng
RT: 11.47 min Scan# 1697
Delta R.T. -0.03 min
Lab File: BF096158.D
Acq: 23 Jun 2017 14:23

Instrument :
BNA_F
ClientSampleId :
PB100046BS

Tot Ion	Ratio	Lower	Upper
65	100		
92	74.4	53.9	80.9
138	121.7	78.8	118.2

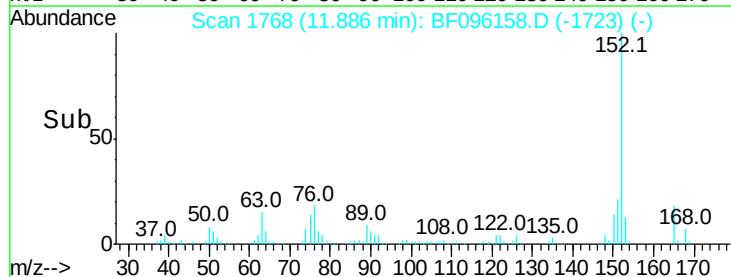
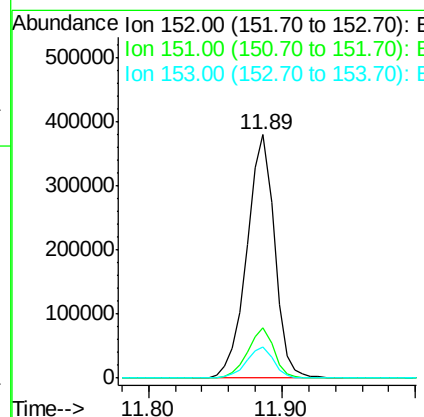
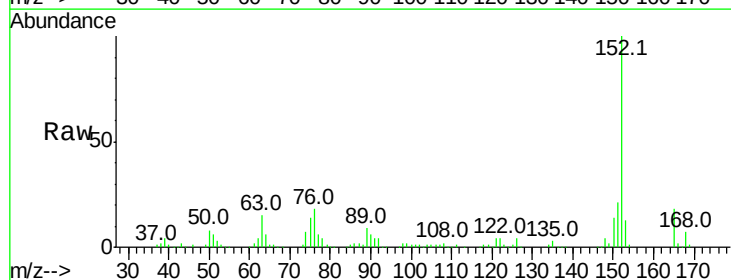
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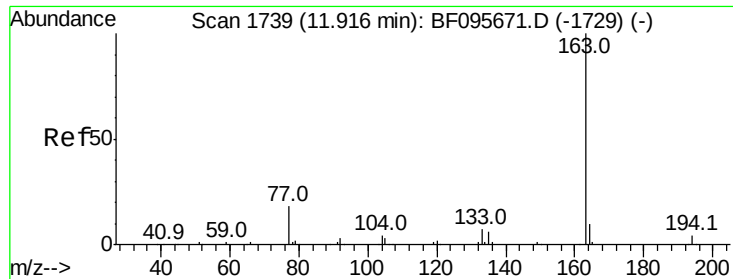
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#48
Acenaphthylene
Concen: 37.54 ng
RT: 11.89 min Scan# 1768
Delta R.T. -0.04 min
Lab File: BF096158.D
Acq: 23 Jun 2017 14:23

Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.7	16.8	25.2
153	12.6	10.8	16.2





#49

Dimethylphthalate

Concen: 42.26 ng

RT: 11.79 min Scan# 1752

Delta R.T. -0.03 min

Lab File: BF096158.D

Acq: 23 Jun 2017 14:23

Instrument :

BNA_F

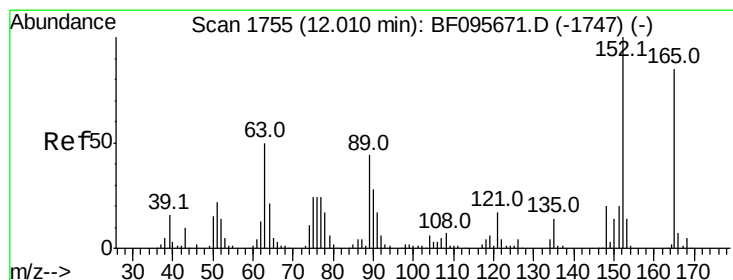
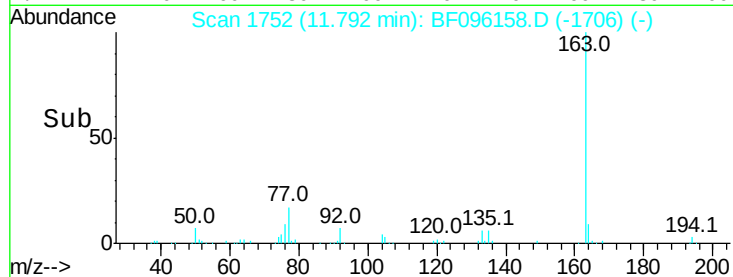
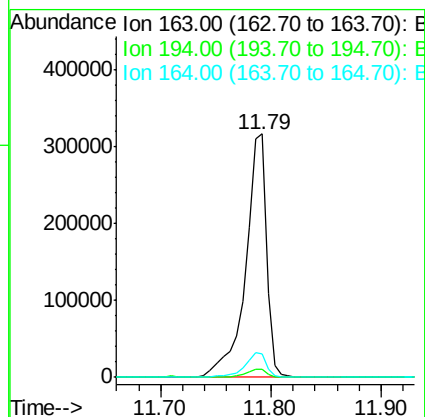
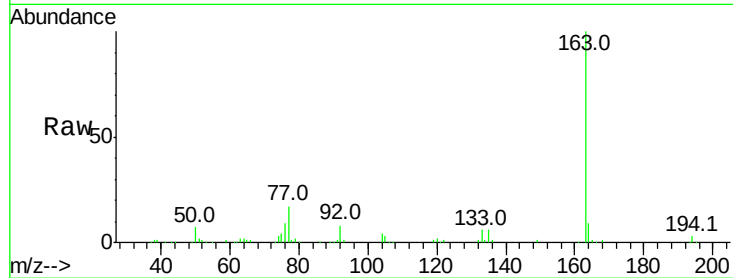
ClientSampleId :

PB100046BS

Tot Ion:	163	Resp:	422562
Ion Ratio	Lower	Upper	
163	100		
194	3.3	2.6	4.0
164	9.4	8.4	12.6

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#50

2,6-Dinitrotoluene

Concen: 40.49 ng

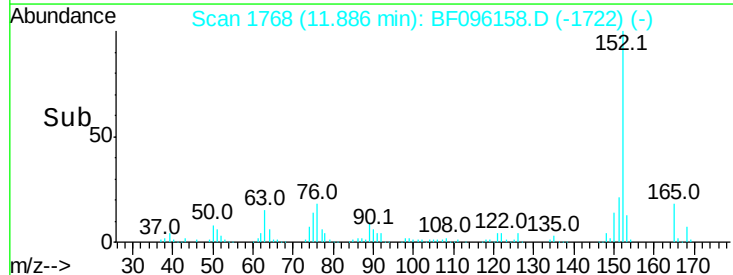
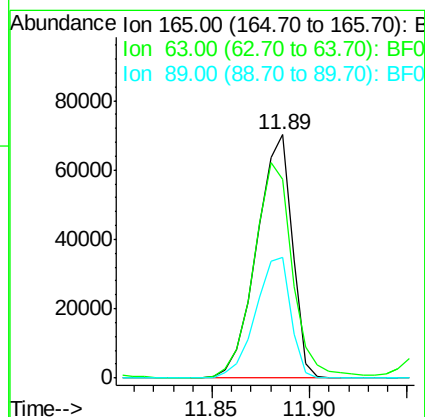
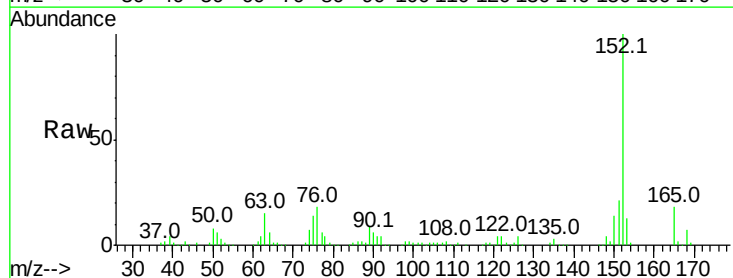
RT: 11.89 min Scan# 1768

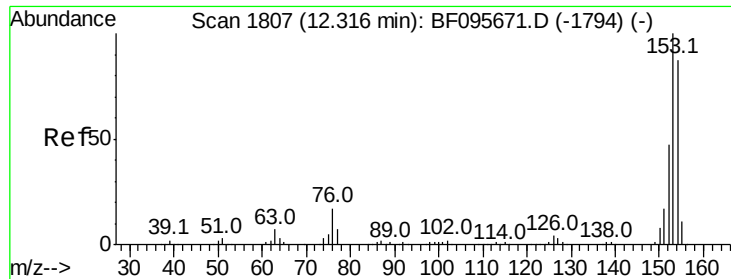
Delta R.T. -0.03 min

Lab File: BF096158.D

Acq: 23 Jun 2017 14:23

Tgt Ion:	165	Resp:	88307
Ion Ratio	Lower	Upper	
165	100		
63	81.7	34.3	51.5#
89	49.5	37.1	55.7





#51

Acenaphthene

Concen: 39.59 ng

RT: 12.17 min Scan# 1816

Delta R.T. -0.04 min

Lab File: BF096158.D

Acq: 23 Jun 2017 14:23

Instrument :

BNA_F

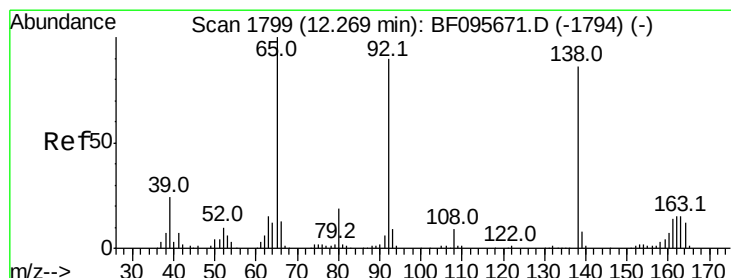
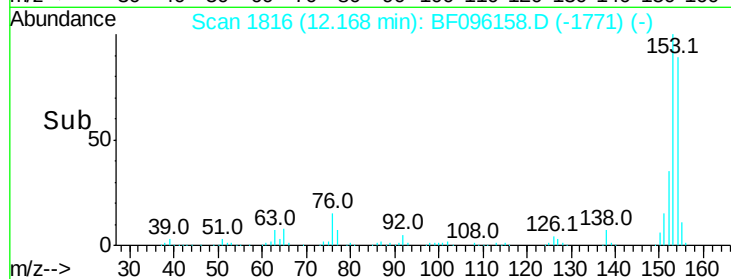
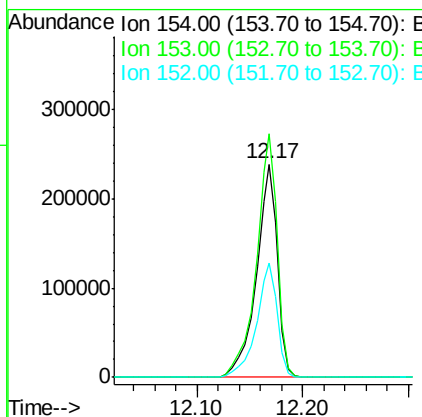
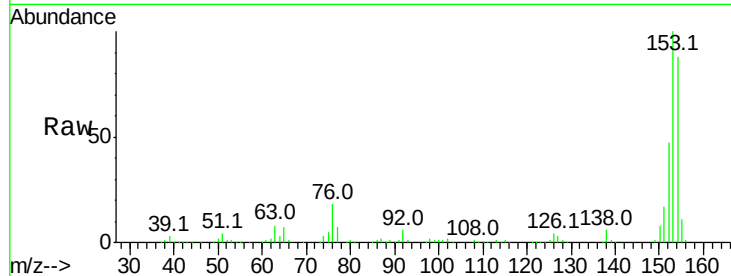
ClientSampleId :

PB100046BS

Tot Ion:	154	Resp:	331575
Ion Ratio	Lower	Upper	
154	100		
153	114.2	90.5	135.7
152	53.5	43.6	65.4

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#52

3-Nitroaniline

Concen: 19.50 ng

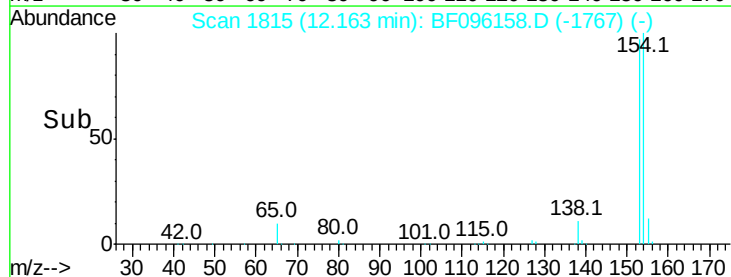
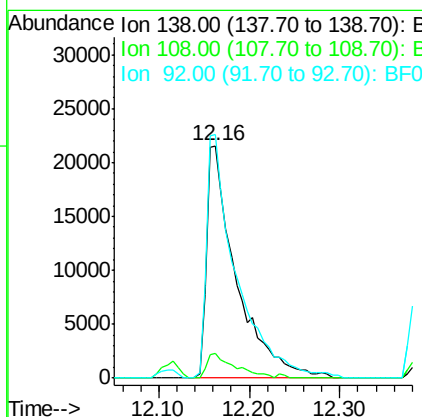
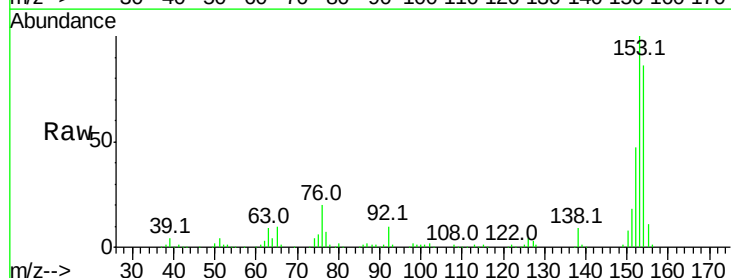
RT: 12.16 min Scan# 1815

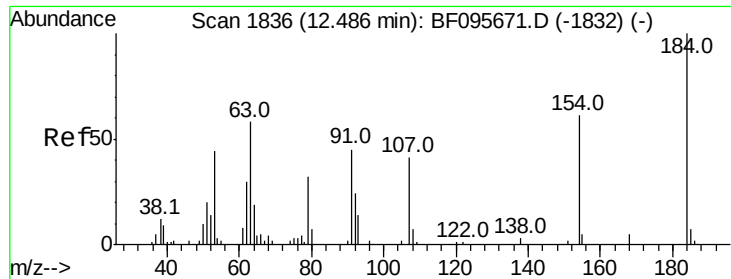
Delta R.T. -0.02 min

Lab File: BF096158.D

Acq: 23 Jun 2017 14:23

Tgt Ion:	138	Resp:	49545
Ion Ratio	Lower	Upper	
138	100		
108	10.7	9.1	13.7
92	104.7	93.8	140.6





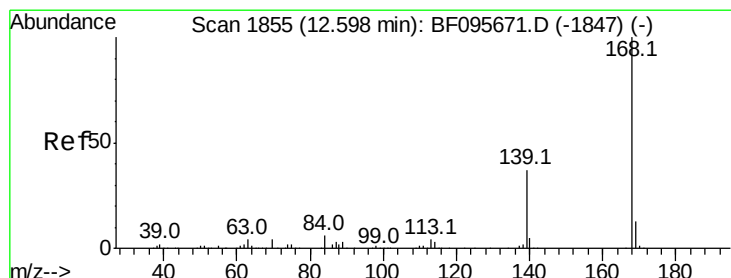
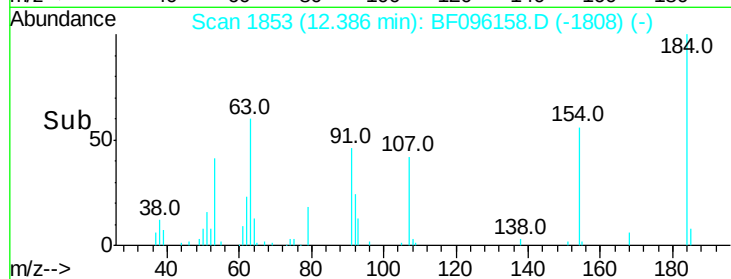
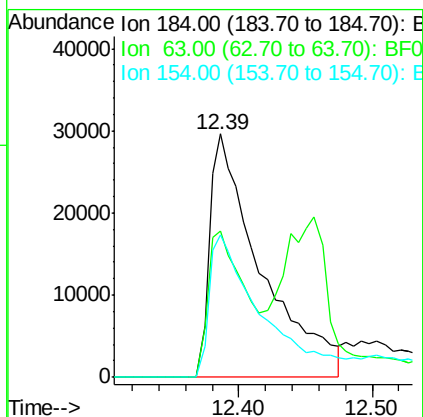
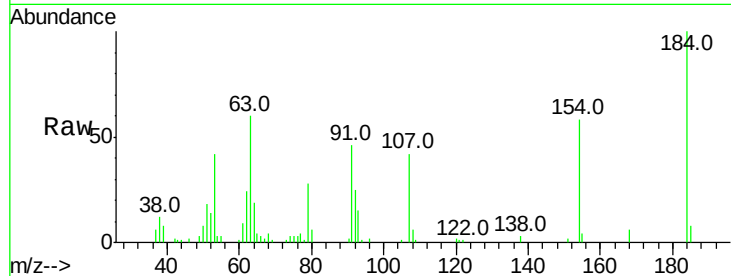
#53
 2,4-Dinitrophenol
 Concen: 65.38 ng
 RT: 12.39 min Scan# 1853
 Delta R.T. -0.04 min
 Lab File: BF096158.D
 Acq: 23 Jun 2017 14:23

Instrument :
 BNA_F
 ClientSampleId :
 PB100046BS

Tot Ion	Ratio	Lower	Upper
184	100		
63	60.0	62.7	94.1#
154	58.3	81.1	121.7#

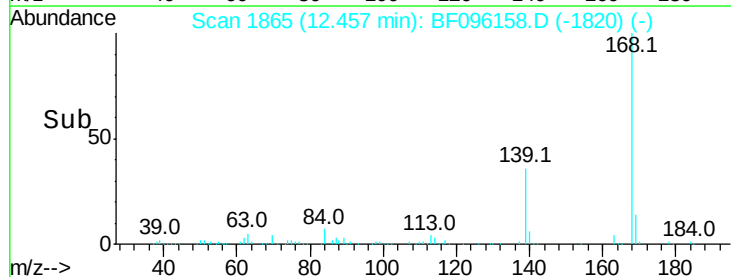
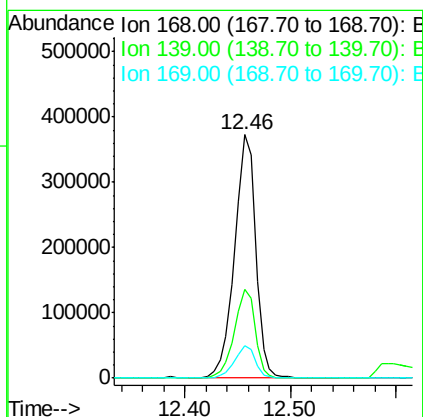
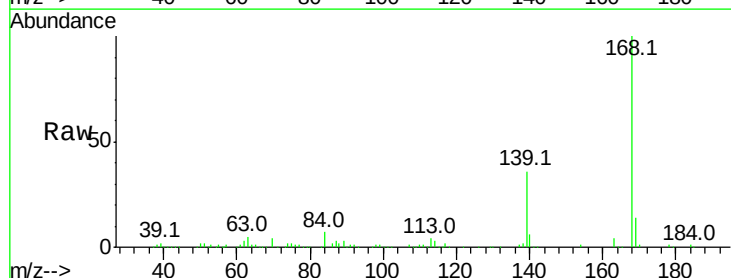
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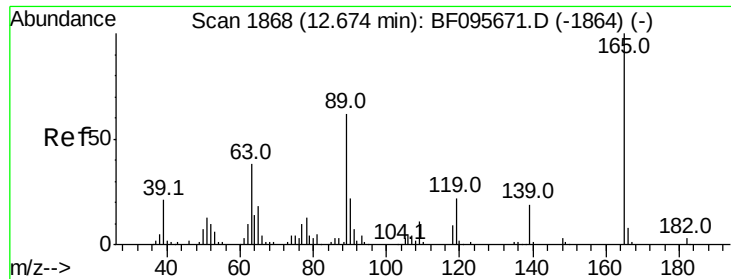
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#54
 Dibenzofuran
 Concen: 43.52 ng
 RT: 12.46 min Scan# 1865
 Delta R.T. -0.04 min
 Lab File: BF096158.D
 Acq: 23 Jun 2017 14:23

Tgt Ion	Ratio	Lower	Upper
168	100		
139	36.4	30.6	45.8
169	13.6	10.8	16.2





#55

4-Nitrophenol

Concen: 71.06 ng

RT: 12.59 min Scan# 1888

Delta R.T. -0.04 min

Lab File: BF096158.D

Acq: 23 Jun 2017 14:23

Instrument :

BNA_F

ClientSampleId :

PB100046BS

Tot Ion:139 Resp: 104610

Ion Ratio Lower Upper

139 100

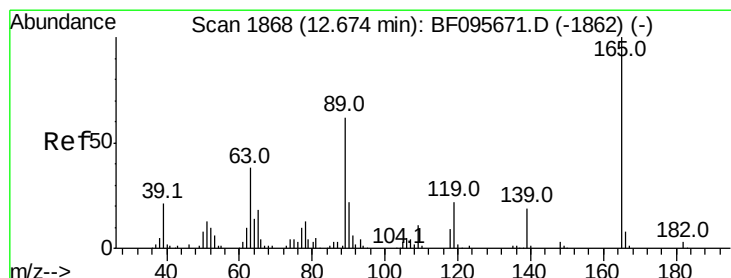
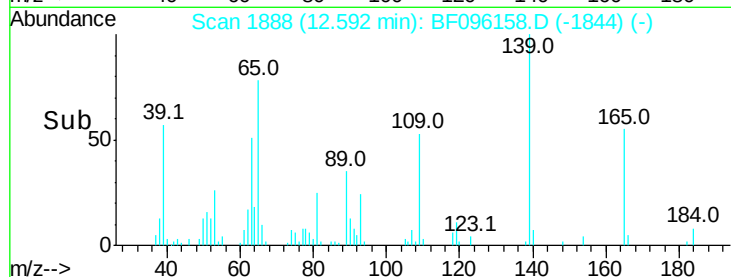
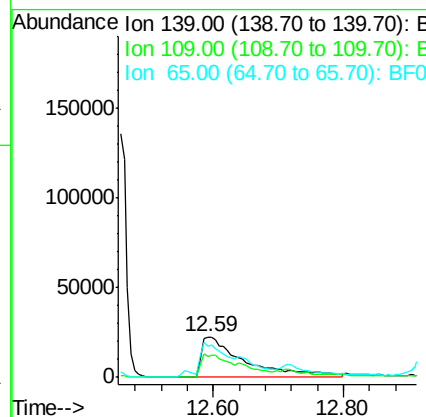
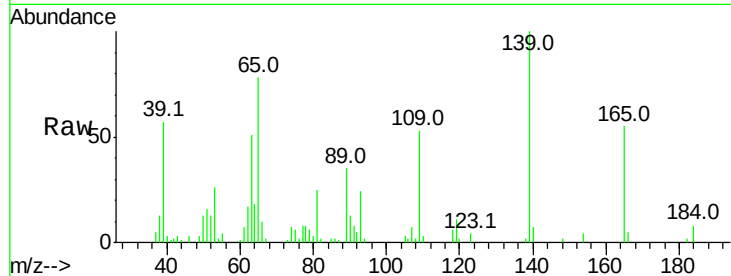
109 52.8 34.1 74.1

65 77.9 31.4 71.4#

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#56

2,4-Dinitrotoluene

Concen: 44.74 ng

RT: 12.56 min Scan# 1883

Delta R.T. -0.02 min

Lab File: BF096158.D

Acq: 23 Jun 2017 14:23

Tgt Ion:165 Resp: 131804

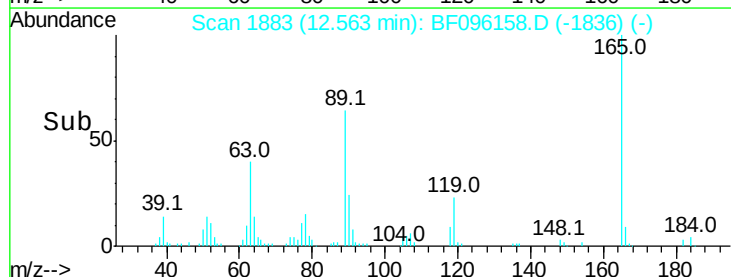
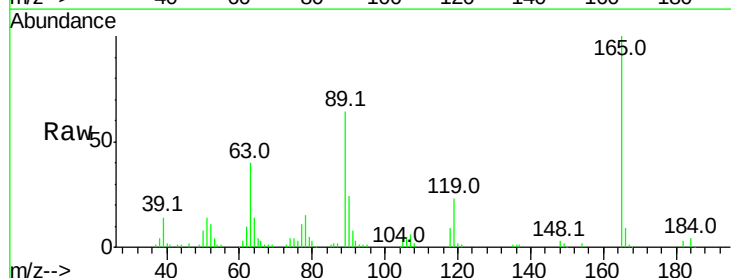
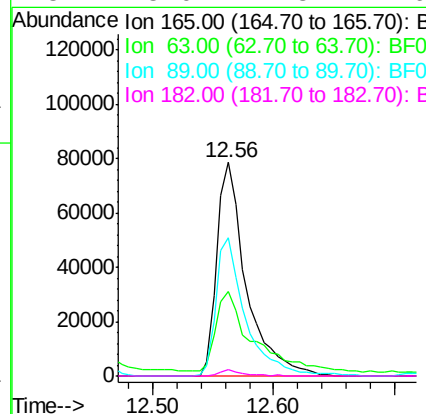
Ion Ratio Lower Upper

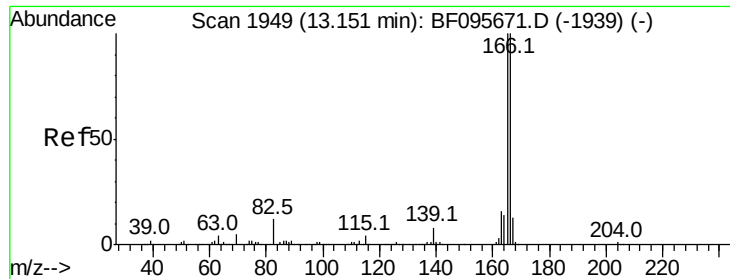
165 100

63 39.6 25.4 38.0#

89 64.5 46.4 69.6

182 3.0 1.8 2.6#





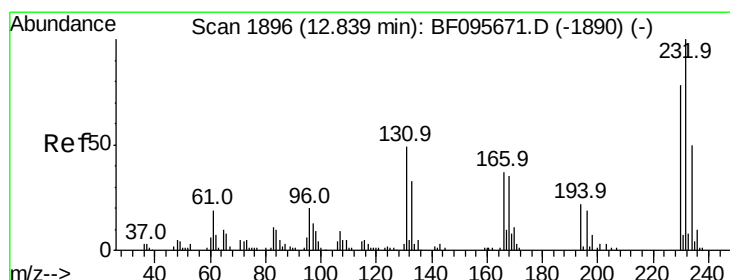
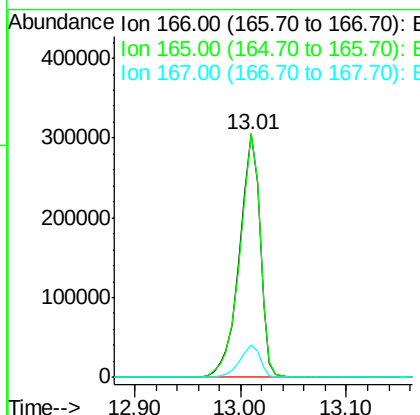
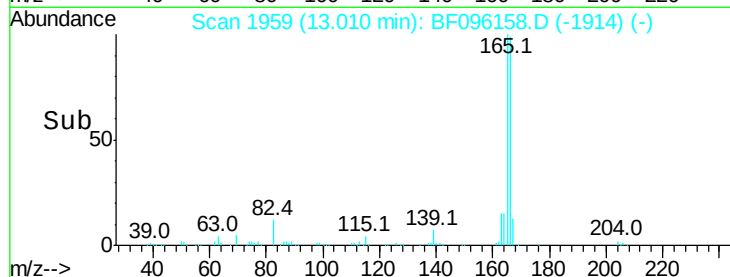
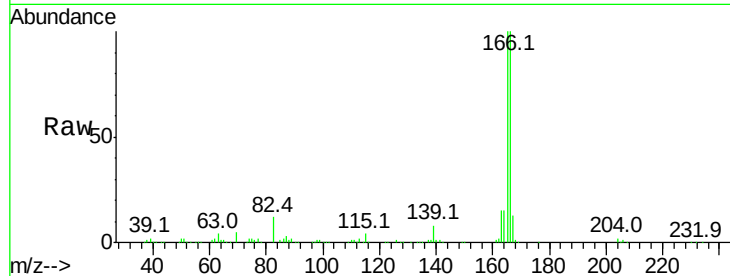
#57
 Fluorene
 Concen: 40.23 ng
 RT: 13.01 min Scan# 1959
 Delta R.T. -0.04 min
 Lab File: BF096158.D
 Acq: 23 Jun 2017 14:23

Instrument :
 BNA_F
 ClientSampleId :
 PB100046BS

Tot Ion	Ratio	Lower	Upper
166	100		
165	99.9	78.8	118.2
167	13.1	10.6	16.0

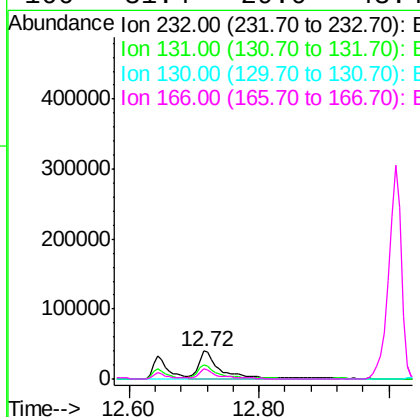
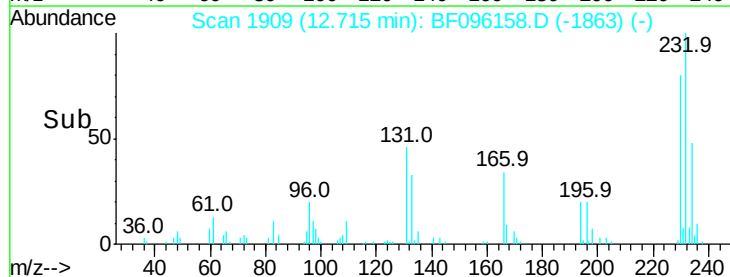
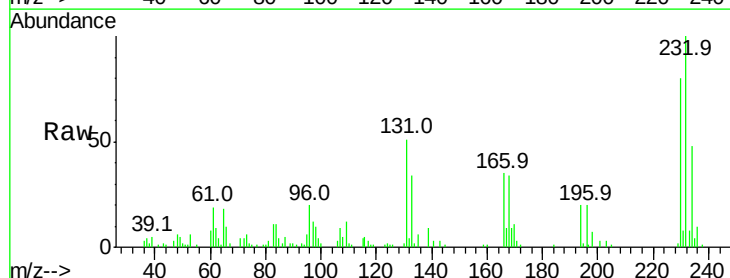
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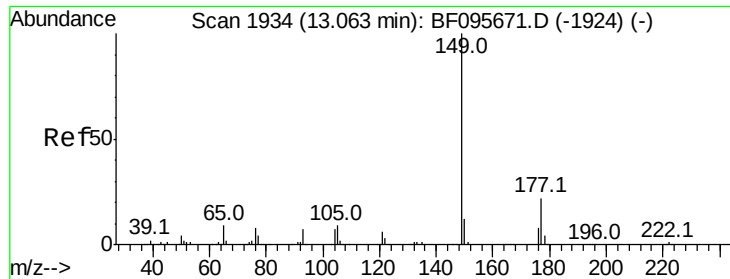
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#58
 2,3,4,6-Tetrachlorophenol
 Concen: 48.58 ng
 RT: 12.72 min Scan# 1909
 Delta R.T. -0.03 min
 Lab File: BF096158.D
 Acq: 23 Jun 2017 14:23

Tgt Ion	Ratio	Lower	Upper
232	100		
131	48.8	44.8	67.2
130	1.6	2.3	3.5#
166	31.4	29.0	43.4





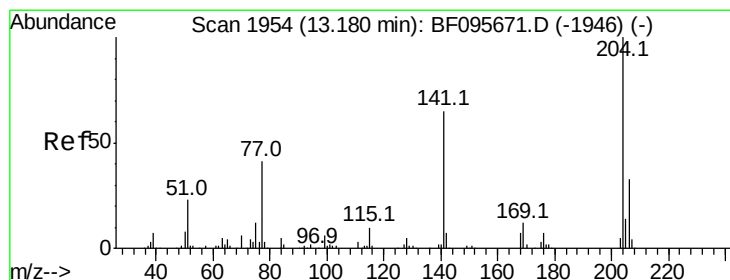
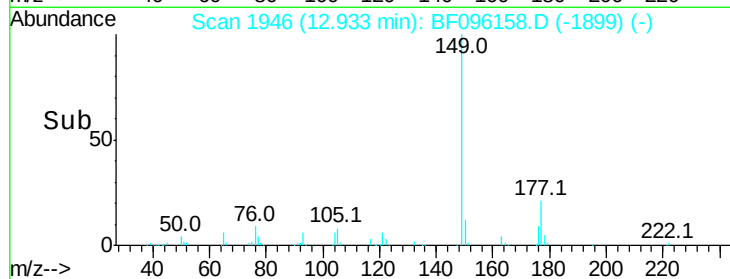
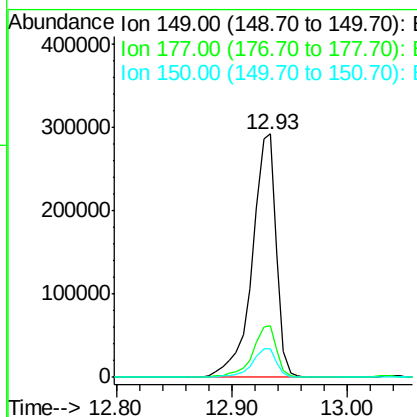
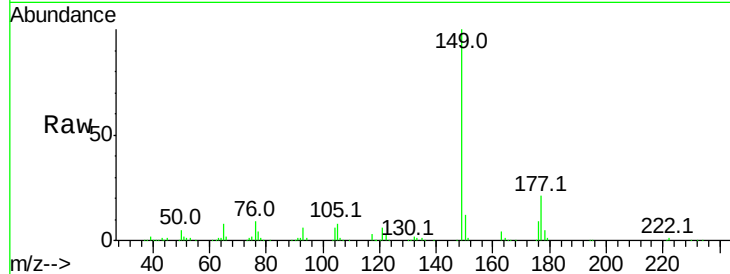
#59
 Diethylphthalate
 Concen: 44.02 ng
 RT: 12.93 min Scan# 1946
 Delta R.T. -0.02 min
 Lab File: BF096158.D
 Acq: 23 Jun 2017 14:23

Instrument :
 BNA_F
 ClientSampleId :
 PB100046BS

Tot Ion:	149	Resp:	423558
Ion Ratio	Lower	Upper	
149	100		
177	21.3	16.7	25.1
150	11.7	10.2	15.2

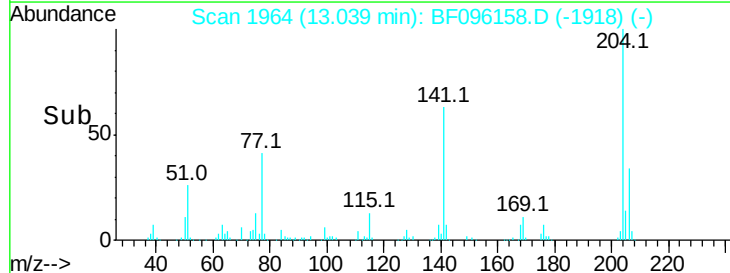
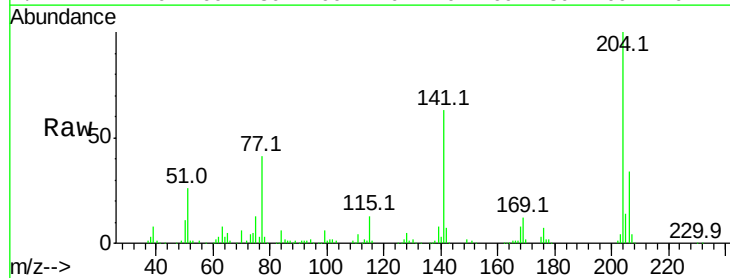
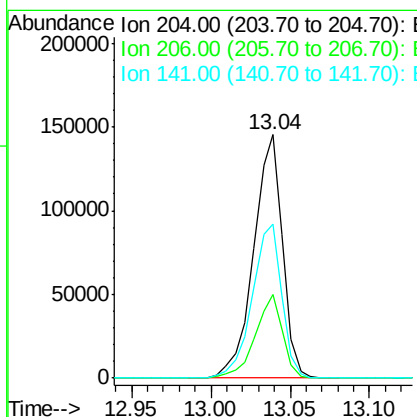
Manual Integrations
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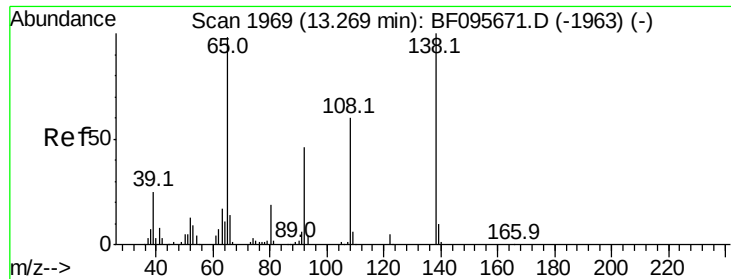
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#60
 4-Chlorophenyl-phenylether
 Concen: 41.34 ng
 RT: 13.04 min Scan# 1964
 Delta R.T. -0.03 min
 Lab File: BF096158.D
 Acq: 23 Jun 2017 14:23

Tgt Ion:	204	Resp:	184397
Ion Ratio	Lower	Upper	
204	100		
206	34.2	26.2	39.2
141	63.5	60.8	91.2





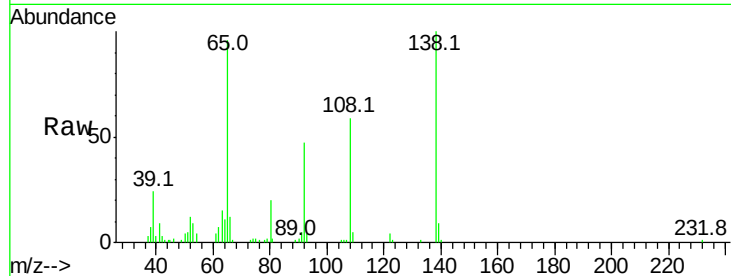
#61
4-Nitroaniline
Concen: 38.55 ng
RT: 13.16 min Scan# 1985
Delta R.T. -0.02 min
Lab File: BF096158.D
Acq: 23 Jun 2017 14:23

Instrument :
BNA_F
ClientSampleId :
PB100046BS

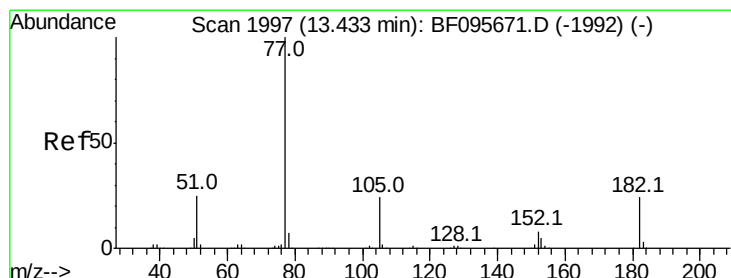
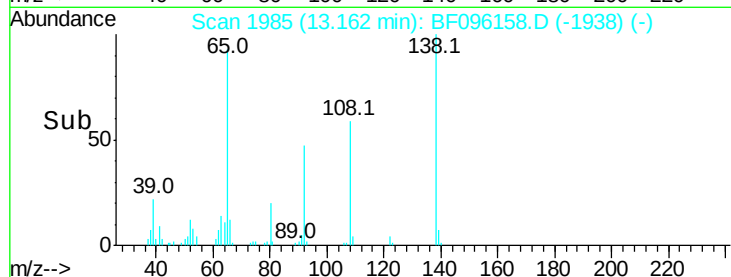
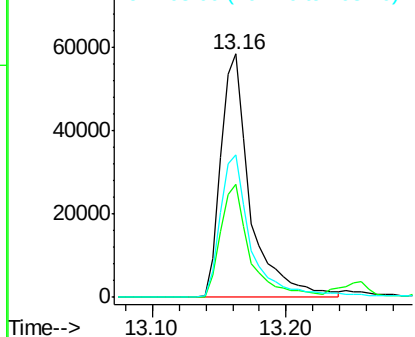
Tot Ion	Ratio	Lower	Upper
138	100		
92	46.7	21.8	61.8
108	58.6	42.3	82.3

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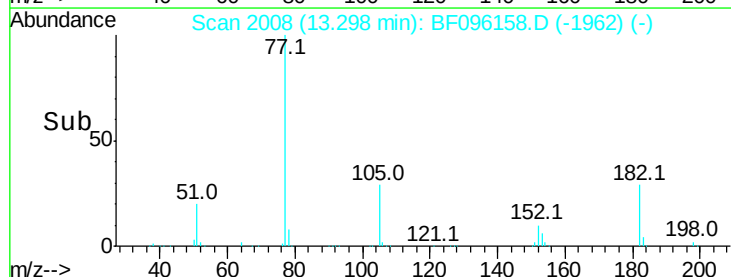
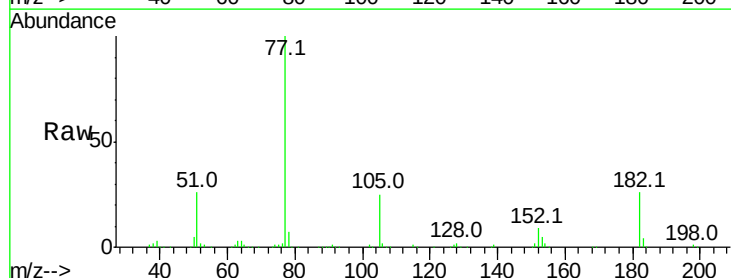
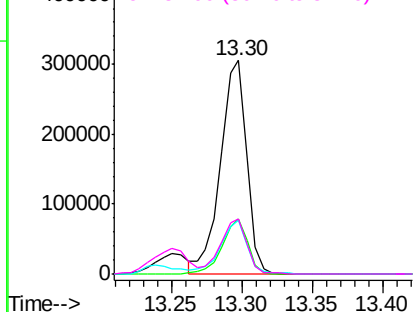
Abundance Ion 138.00 (137.70 to 138.70): E
Ion 92.00 (91.70 to 92.70): BF0
Ion 108.00 (107.70 to 108.70): E

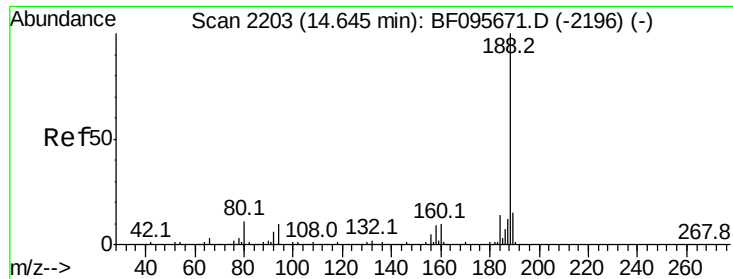


#62
Azobenzene
Concen: 45.14 ng
RT: 13.30 min Scan# 2008
Delta R.T. -0.03 min
Lab File: BF096158.D
Acq: 23 Jun 2017 14:23

Tgt Ion	Ratio	Lower	Upper
77	100		
182	25.6	0.1	40.1
105	25.3	3.6	43.6
51	25.8	9.4	49.4

Abundance Ion 77.00 (76.70 to 77.70): BF0
Ion 182.00 (181.70 to 182.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 51.00 (50.70 to 51.70): BF0





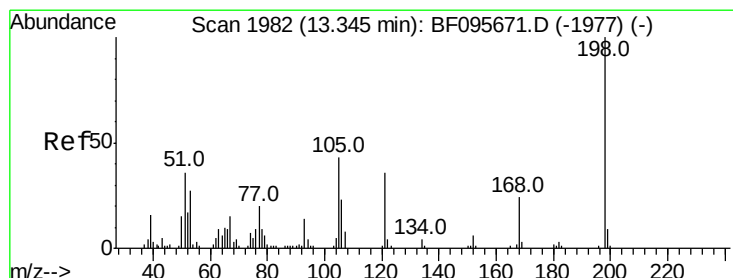
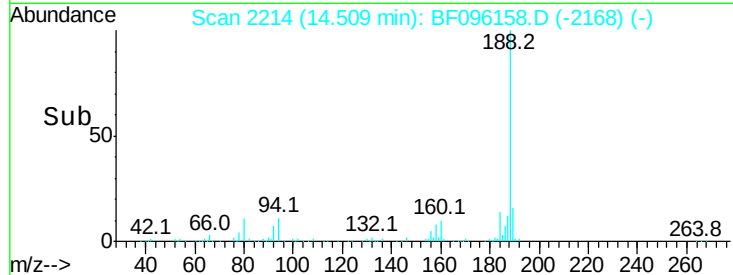
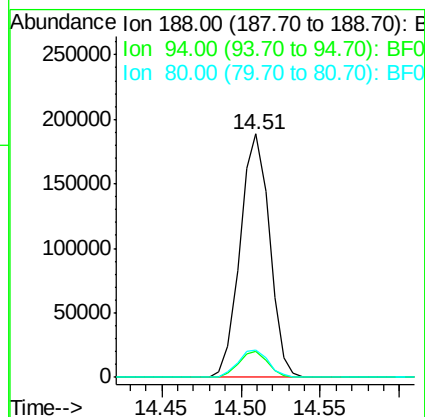
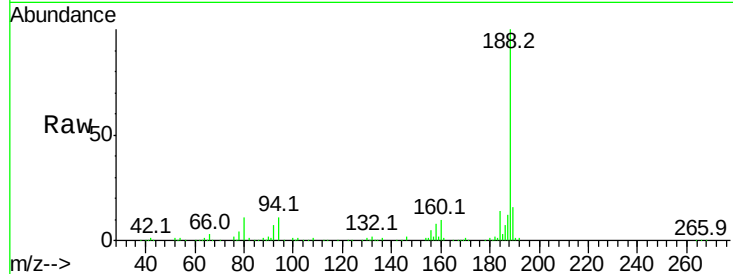
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 14.51 min Scan# 2214
Delta R.T. -0.03 min
Lab File: BF096158.D
Acq: 23 Jun 2017 14:23

Instrument :
BNA_F
ClientSampleId :
PB100046BS

Tot Ion	Ratio	Resp	Lower	Upper
188	100	242933		
94	10.9		9.4	14.2
80	11.4		10.2	15.2

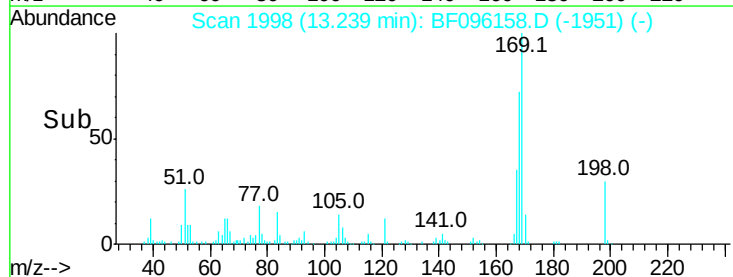
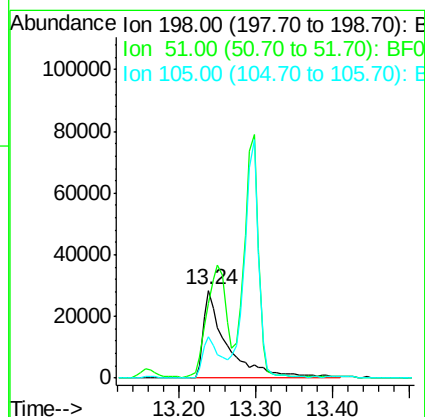
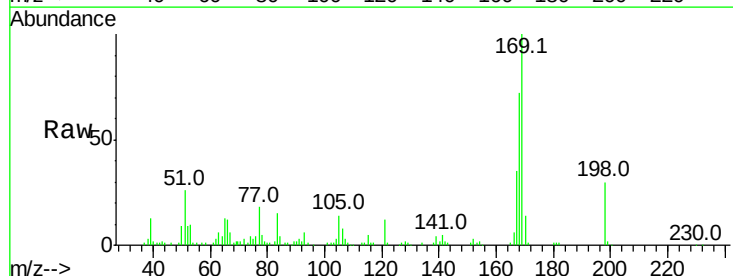
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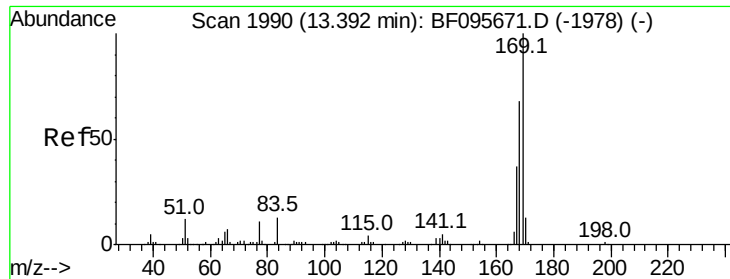
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#64
4,6-Dinitro-2-methylphenol
Concen: 38.82 ng
RT: 13.24 min Scan# 1998
Delta R.T. -0.02 min
Lab File: BF096158.D
Acq: 23 Jun 2017 14:23

Tgt Ion	Ratio	Resp	Lower	Upper
198	100	61987		
51	85.1		53.2	93.2
105	46.9		45.8	85.8





#65

n-Nitrosodiphenylamine

Concen: 40.99 ng

RT: 13.26 min Scan# 2001

Delta R.T. -0.03 min

Lab File: BF096158.D

Acq: 23 Jun 2017 14:23

Instrument :

BNA_F

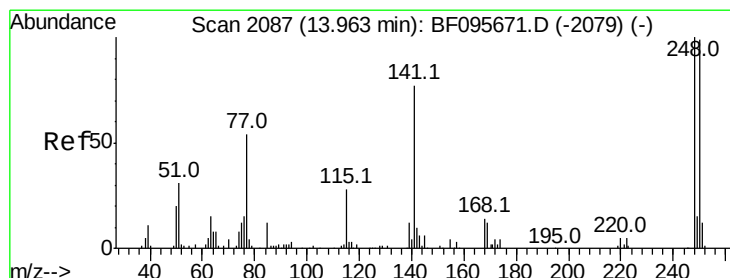
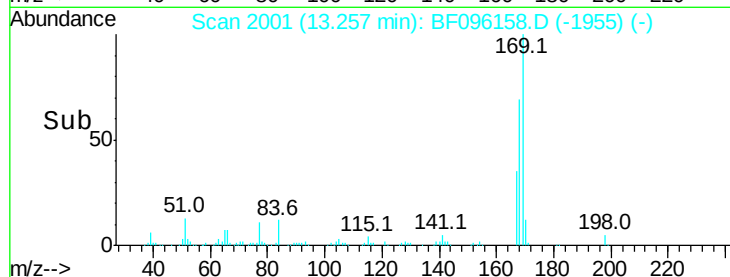
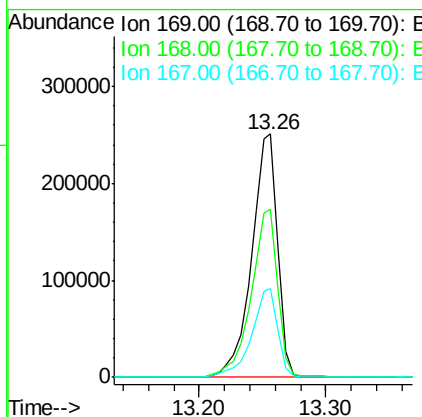
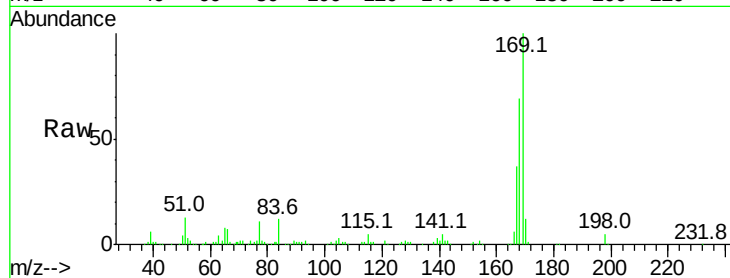
ClientSampleId :

PB100046BS

Tot Ion:	169	Resp:	357777
Ion Ratio	Lower	Upper	
169	100		
168	69.2	53.2	79.8
167	36.6	29.5	44.3

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#66

4-Bromophenyl-phenylether

Concen: 42.09 ng

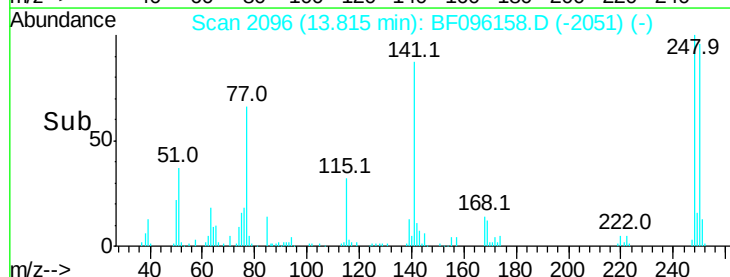
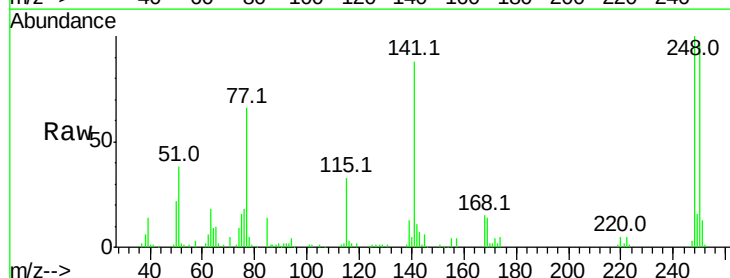
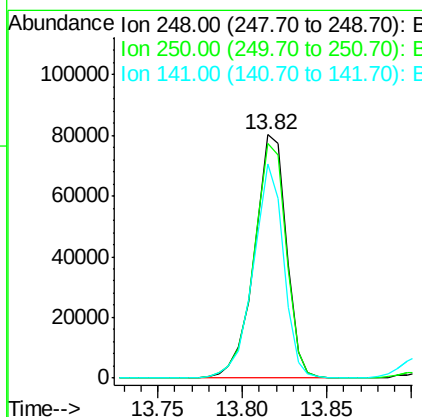
RT: 13.82 min Scan# 2096

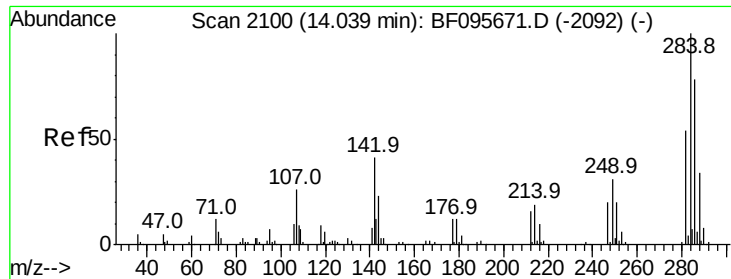
Delta R.T. -0.04 min

Lab File: BF096158.D

Acq: 23 Jun 2017 14:23

Tgt Ion:	248	Resp:	106278
Ion Ratio	Lower	Upper	
248	100		
250	96.4	76.8	115.2
141	87.8	68.6	103.0





#67

Hexachlorobenzene

Concen: 42.52 ng

RT: 13.90 min Scan# 2111

Delta R.T. -0.04 min

Lab File: BF096158.D

Acq: 23 Jun 2017 14:23

Instrument :

BNA_F

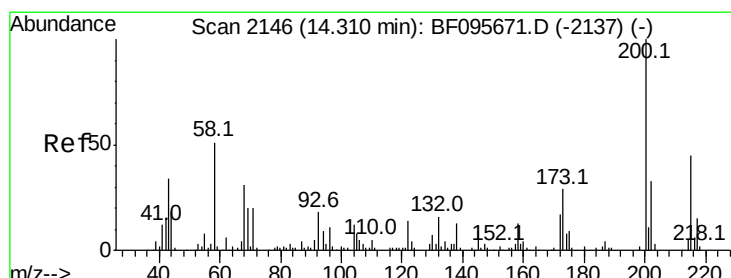
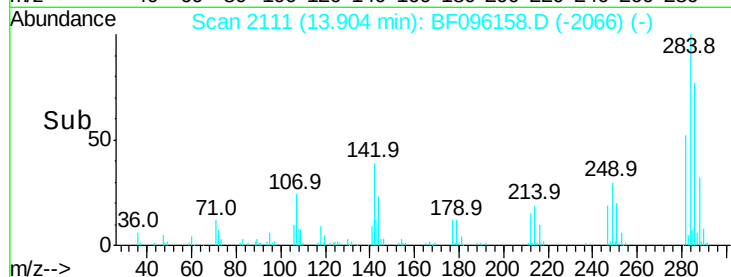
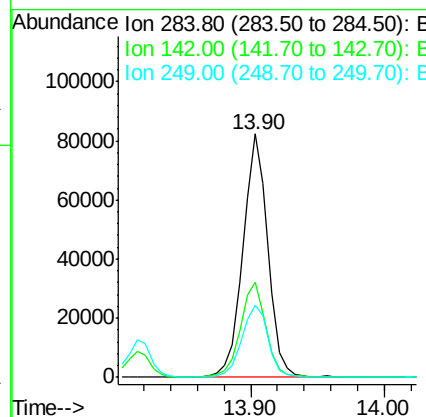
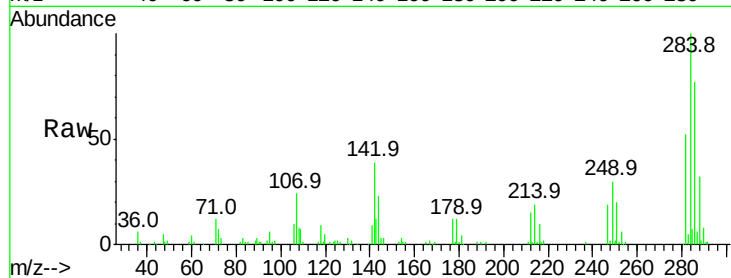
ClientSampled :

PB100046BS

Tot Ion:	284	Resp:	105779
Ion Ratio	Lower	Upper	
284	100		
142	39.3	22.8	34.2#
249	29.9	24.0	36.0

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#68

Atrazine

Concen: 44.48 ng

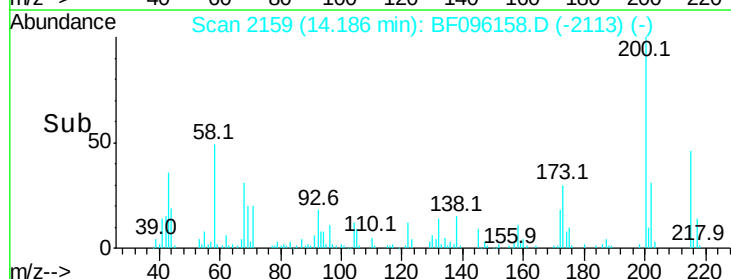
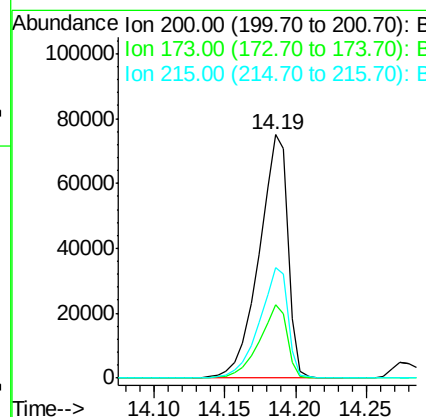
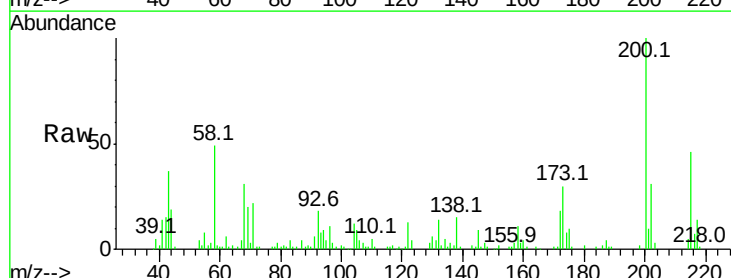
RT: 14.19 min Scan# 2159

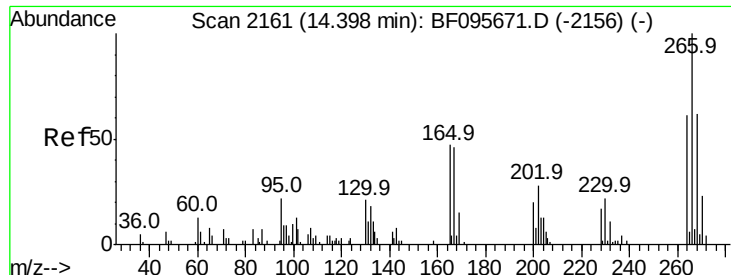
Delta R.T. -0.03 min

Lab File: BF096158.D

Acq: 23 Jun 2017 14:23

Tgt Ion:	200	Resp:	108069
Ion Ratio	Lower	Upper	
200	100		
173	30.2	6.3	46.3
215	45.6	27.2	67.2





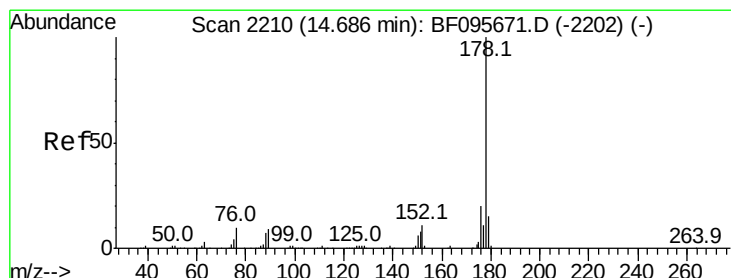
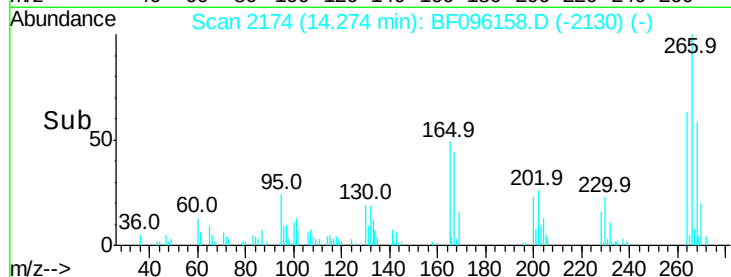
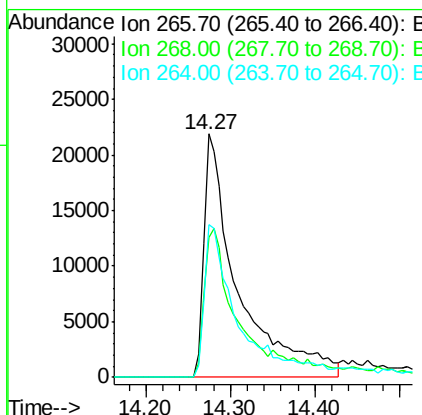
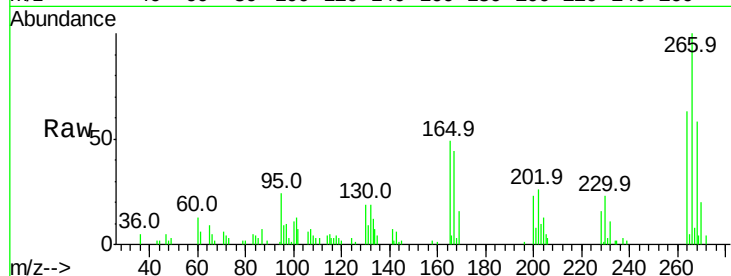
#69
 Pentachlorophenol
 Concen: 66.48 ng
 RT: 14.27 min Scan# 2174
 Delta R.T. -0.04 min
 Lab File: BF096158.D
 Acq: 23 Jun 2017 14:23

Instrument :
 BNA_F
 ClientSampleId :
 PB100046BS

Tot Ion	Ratio	Resp	Lower	Upper
266	100	61566		
268	57.6		51.1	76.7
264	62.9		51.7	77.5

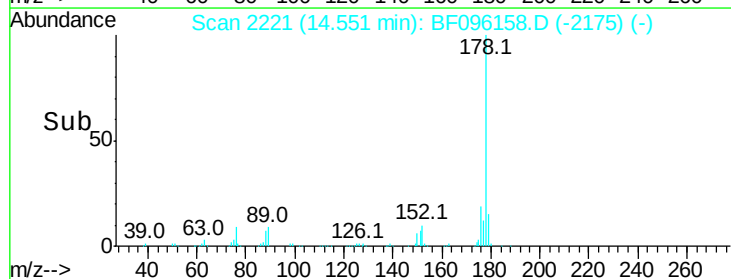
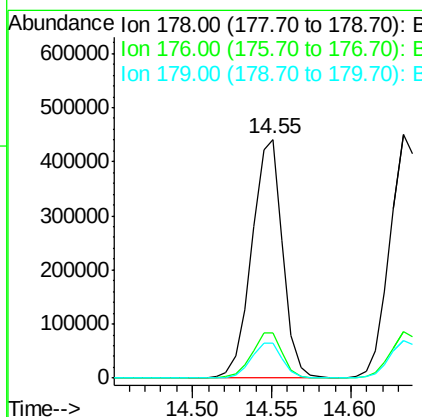
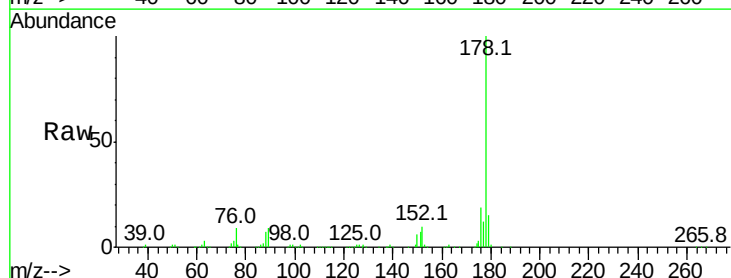
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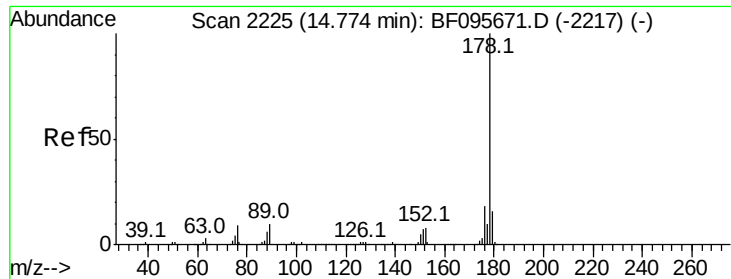
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#70
 Phenanthrene
 Concen: 42.46 ng
 RT: 14.55 min Scan# 2221
 Delta R.T. -0.03 min
 Lab File: BF096158.D
 Acq: 23 Jun 2017 14:23

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	595098		
176	18.8		16.2	24.4
179	14.7		12.6	19.0





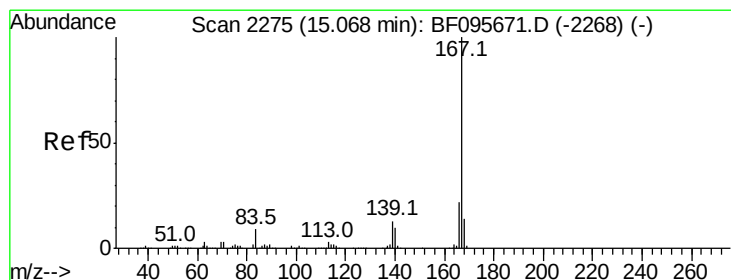
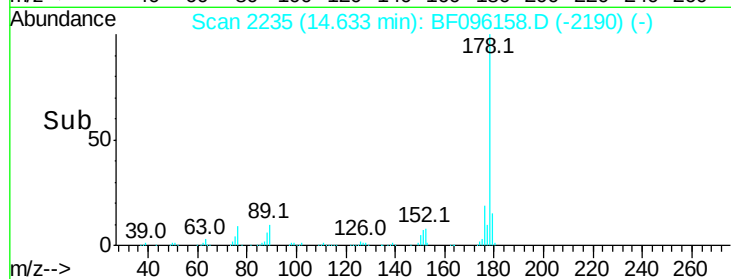
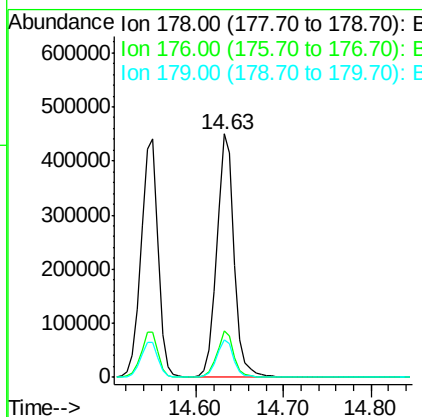
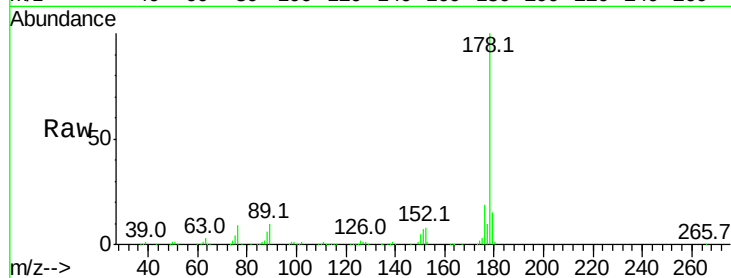
#71
 Anthracene
 Concen: 42.22 ng
 RT: 14.63 min Scan# 2235
 Delta R.T. -0.04 min
 Lab File: BF096158.D
 Acq: 23 Jun 2017 14:23

Instrument :
 BNA_F
 ClientSampleId :
 PB100046BS

Tot Ion	Ratio	Lower	Upper
178	100		
176	18.8	15.8	23.8
179	15.4	12.7	19.1

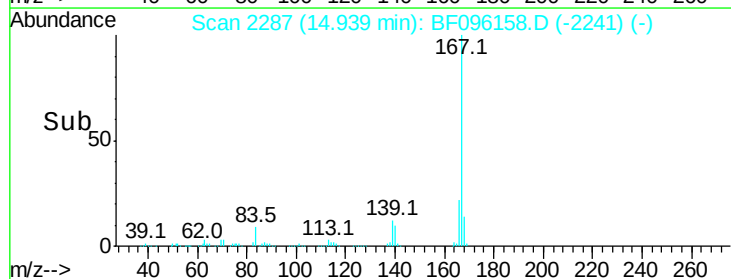
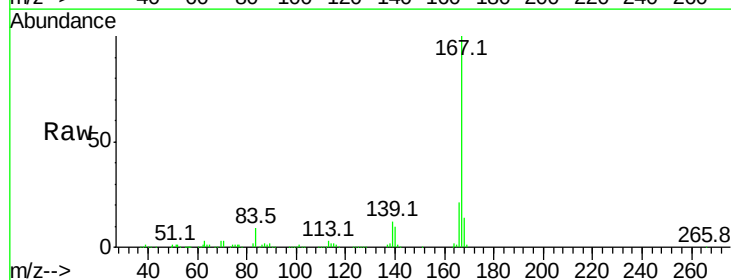
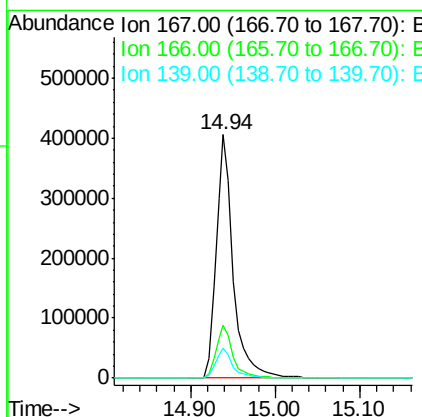
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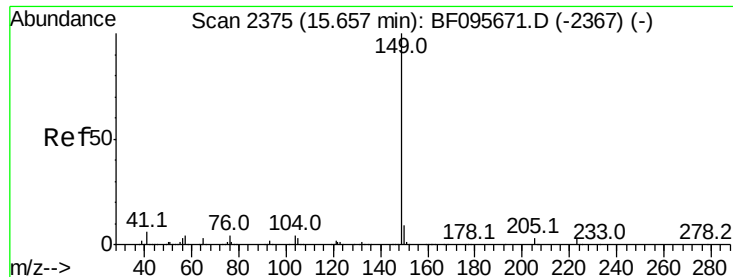
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#72
 Carbazole
 Concen: 40.47 ng
 RT: 14.94 min Scan# 2287
 Delta R.T. -0.03 min
 Lab File: BF096158.D
 Acq: 23 Jun 2017 14:23

Tgt Ion	Ratio	Lower	Upper
167	100		
166	21.5	18.1	27.1
139	12.4	11.7	17.5





#73

Di-n-butylphthalate

Concen: 46.79 ng

RT: 15.53 min Scan# 2388

Delta R.T. -0.03 min

Lab File: BF096158.D

Acq: 23 Jun 2017 14:23

Instrument :

BNA_F

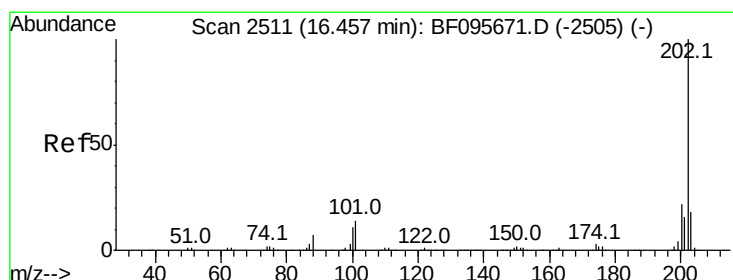
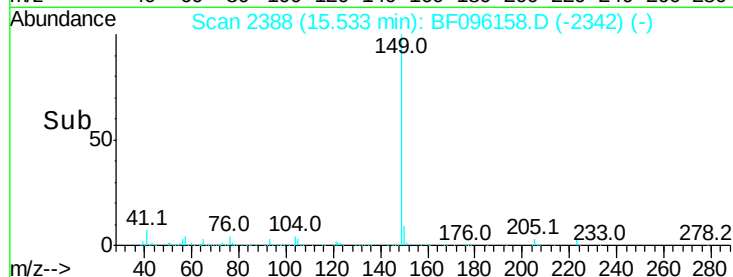
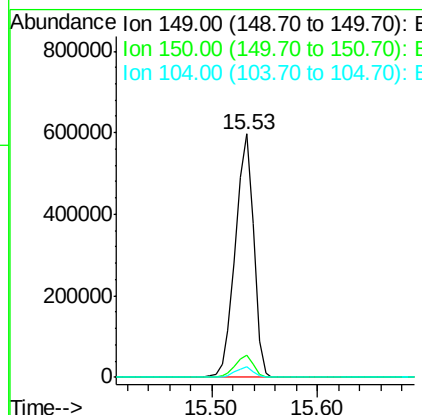
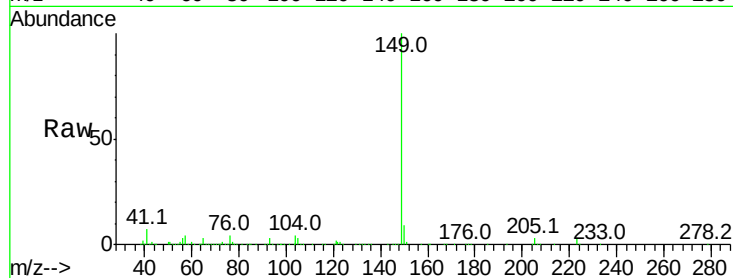
ClientSampleId :

PB100046BS

Tot Ion:	149	Resp:	709954
Ion Ratio	Lower	Upper	
149	100		
150	9.3	7.7	11.5
104	4.4	4.0	6.0

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#74

Fluoranthene

Concen: 44.65 ng

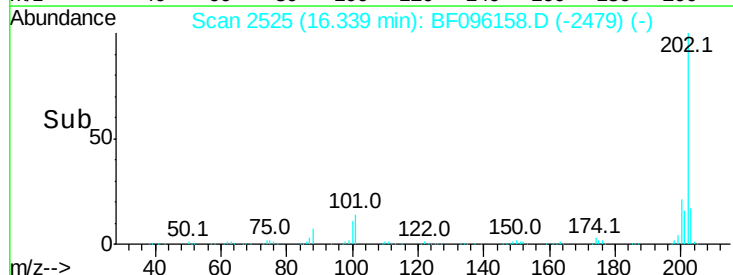
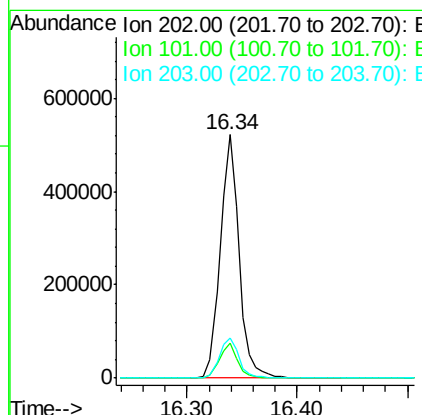
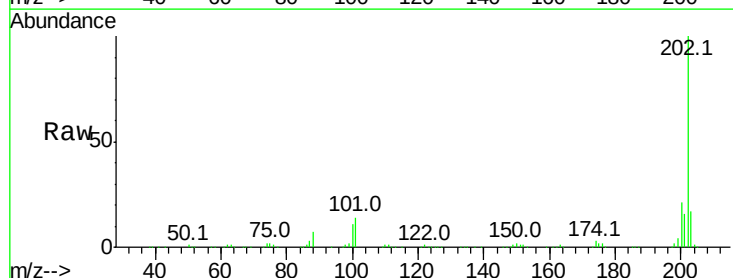
RT: 16.34 min Scan# 2525

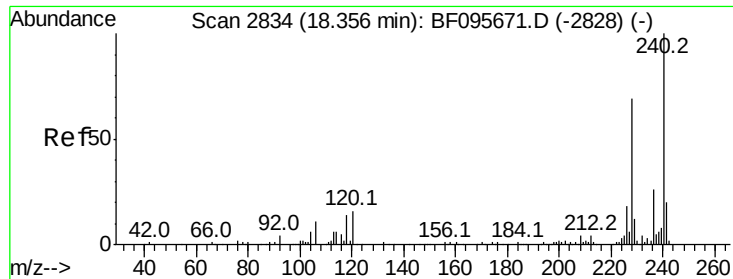
Delta R.T. -0.03 min

Lab File: BF096158.D

Acq: 23 Jun 2017 14:23

Tgt Ion:	202	Resp:	619393
Ion Ratio	Lower	Upper	
202	100		
101	14.3	0.0	33.2
203	16.7	0.0	38.1





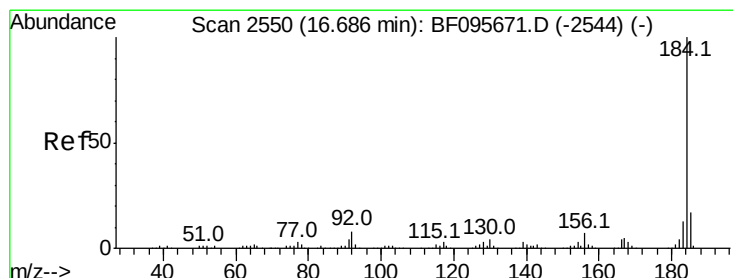
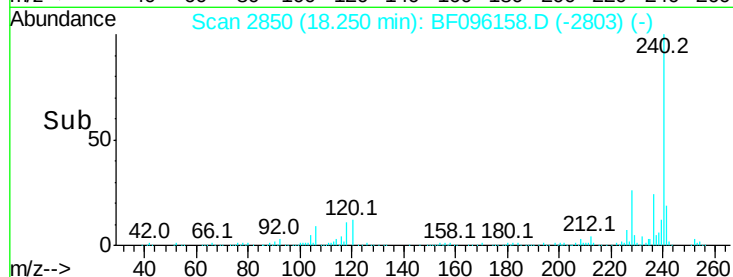
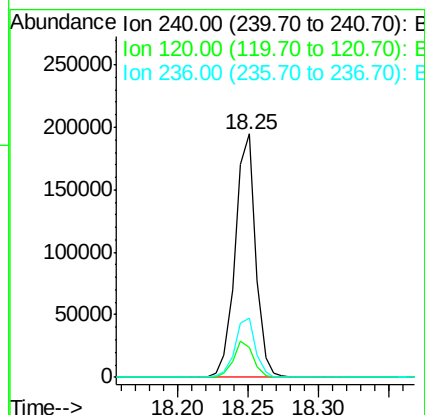
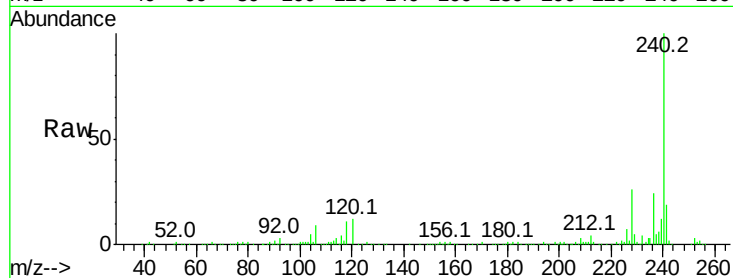
#75
Chrysene-d12
Concen: 20.00 ng
RT: 18.25 min Scan# 2850
Delta R.T. -0.02 min
Lab File: BF096158.D
Acq: 23 Jun 2017 14:23

Instrument :
BNA_F
ClientSampled :
PB100046BS

Tot Ion	Ratio	Lower	Upper
240	100		
120	12.0	5.8	8.8#
236	24.3	20.5	30.7

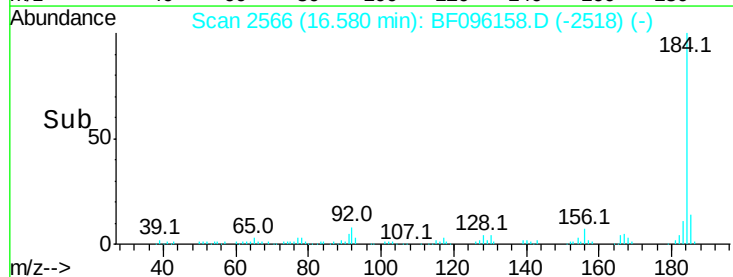
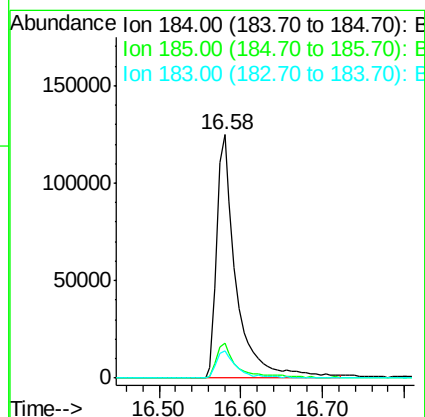
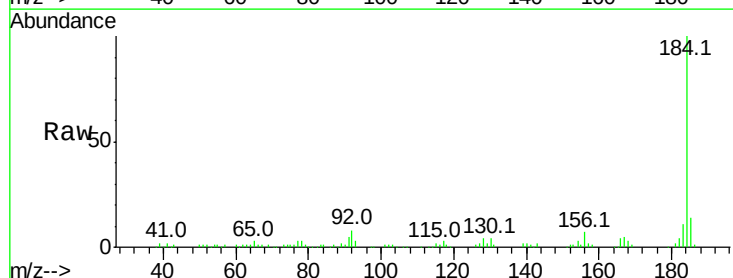
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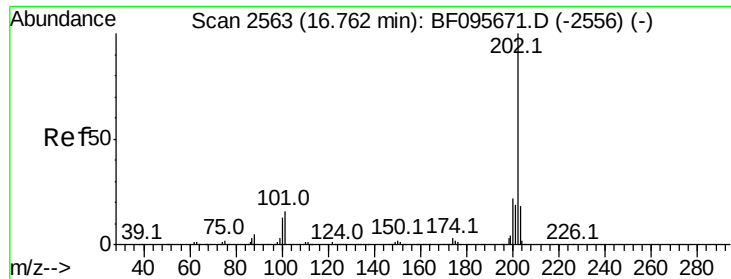
mohammad
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#76
Benzidine
Concen: 27.61 ng
RT: 16.58 min Scan# 2566
Delta R.T. -0.02 min
Lab File: BF096158.D
Acq: 23 Jun 2017 14:23

Tgt Ion	Ratio	Lower	Upper
184	100		
185	14.3	15.5	23.3#
183	11.1	9.8	14.6





#77

Pvrene

Concen: 42.88 ng

RT: 16.64 min Scan# 2577

Delta R.T. -0.02 min

Lab File: BF096158.D

Acq: 23 Jun 2017 14:23

Instrument :

BNA_F

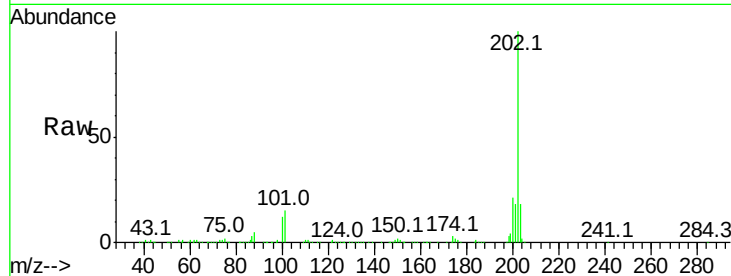
ClientSampleId :

PB100046BS

Tot Ion:	202	Resp:	627705
Ion Ratio	Lower	Upper	
202	100		
200	21.5	17.6	26.4
203	18.0	14.4	21.6

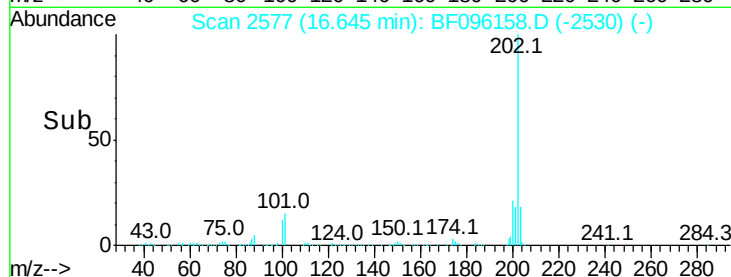
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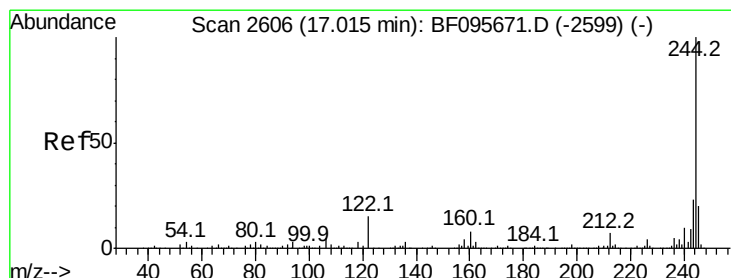


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E

16.64



Time-->



#78

Terphenyl-d14

Concen: 89.53 ng

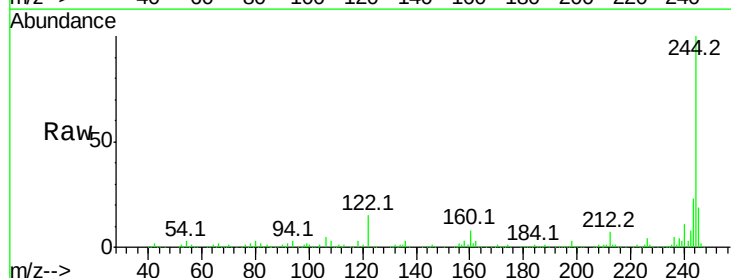
RT: 16.90 min Scan# 2620

Delta R.T. -0.03 min

Lab File: BF096158.D

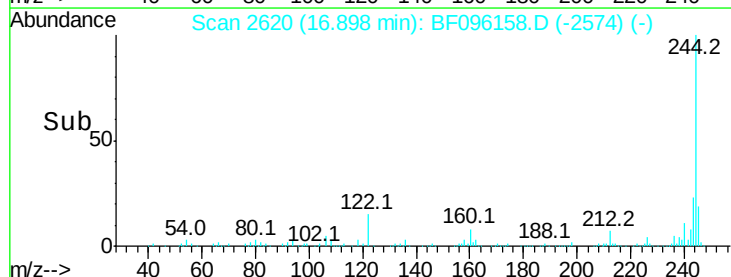
Acq: 23 Jun 2017 14:23

Tgt Ion:	244	Resp:	707730
Ion Ratio	Lower	Upper	
244	100		
212	7.2	6.0	9.0
122	14.9	10.3	15.5

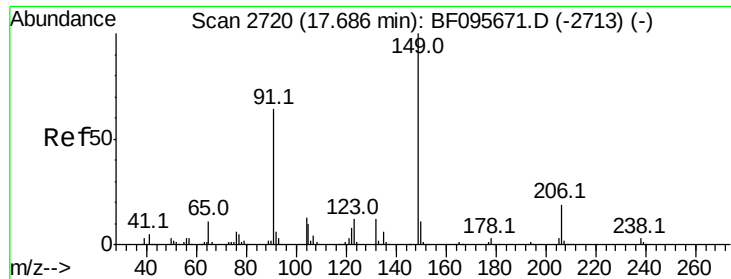


Abundance Ion 244.00 (243.70 to 244.70): E
Ion 212.00 (211.70 to 212.70): E
Ion 122.00 (121.70 to 122.70): E

16.90



Time-->



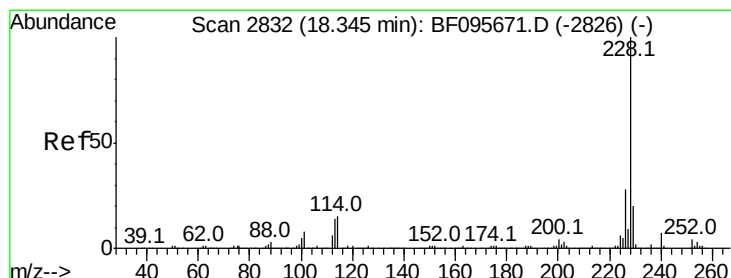
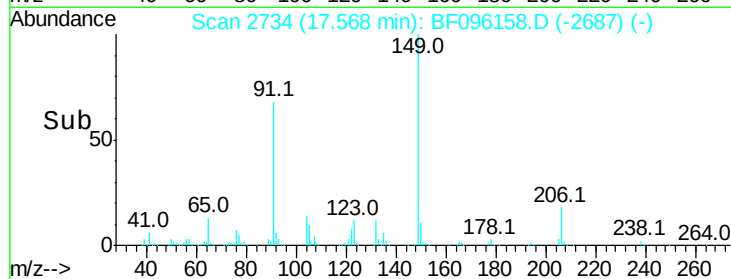
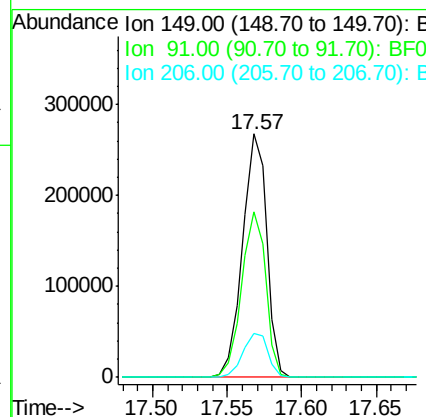
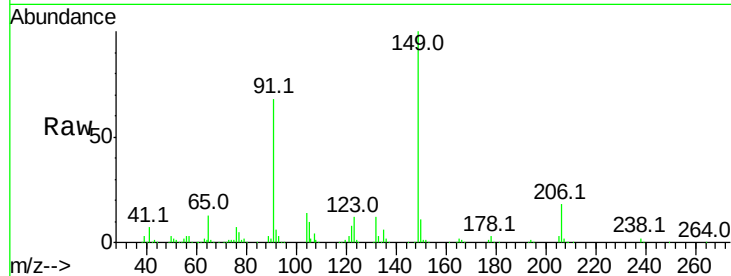
#79
Butylbenzylphthalate
Concen: 47.34 ng
RT: 17.57 min Scan# 2734
Delta R.T. -0.02 min
Lab File: BF096158.D
Acq: 23 Jun 2017 14:23

Instrument :
BNA_F
ClientSampleId :
PB100046BS

Tot Ion	Ratio	Resp	Lower	Upper
149	100	302667		
91	68.1	45.0	67.4#	
206	18.2	17.0	25.6	

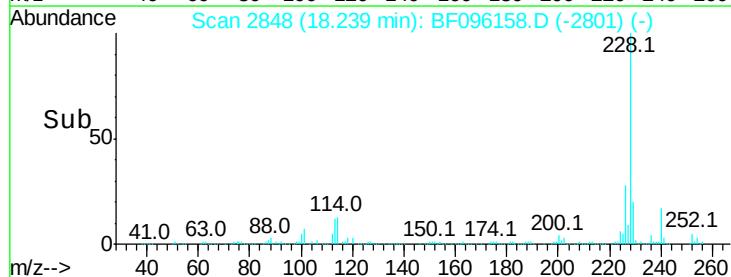
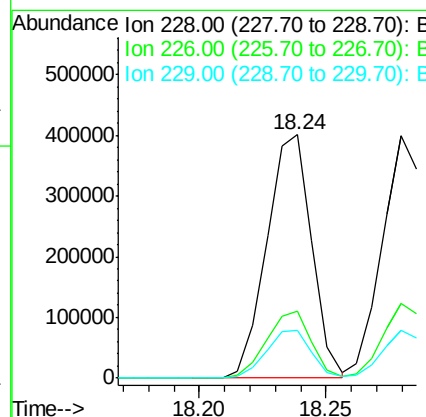
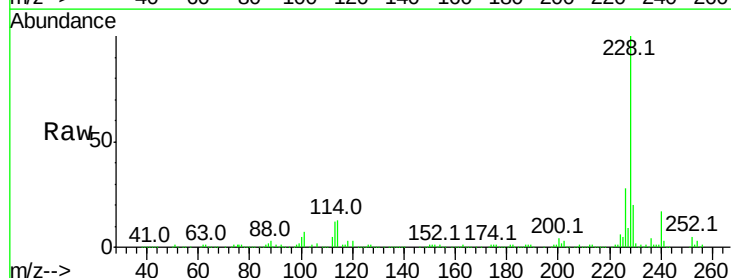
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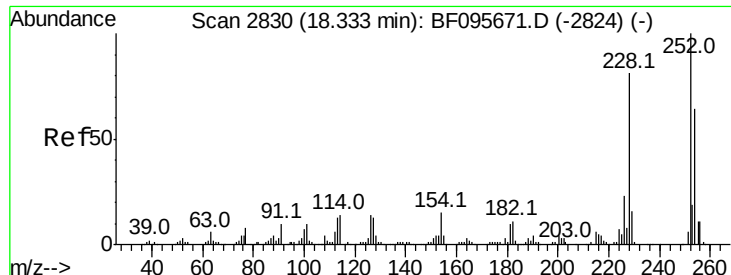
mohammad
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#80
Benzo(a)anthracene
Concen: 43.37 ng
RT: 18.24 min Scan# 2848
Delta R.T. -0.02 min
Lab File: BF096158.D
Acq: 23 Jun 2017 14:23

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	494655		
226	27.8	22.6	33.8	
229	19.6	16.3	24.5	





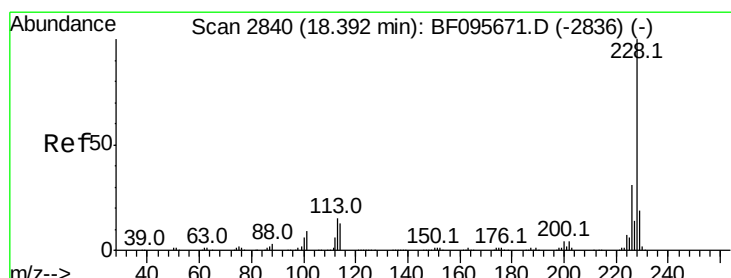
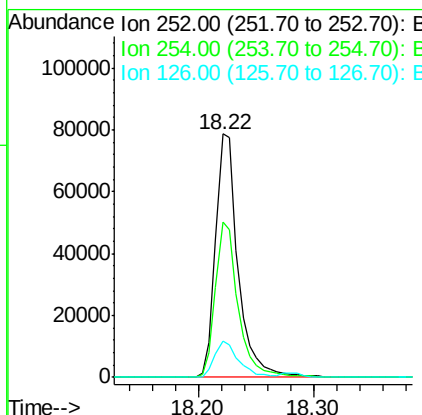
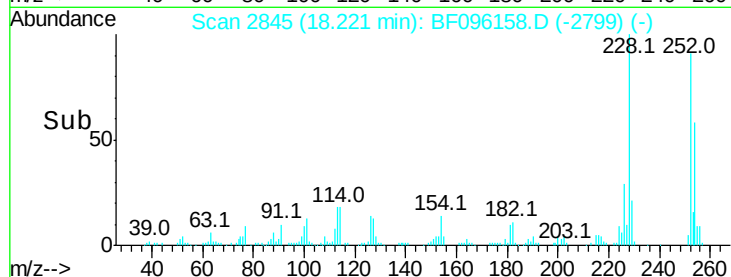
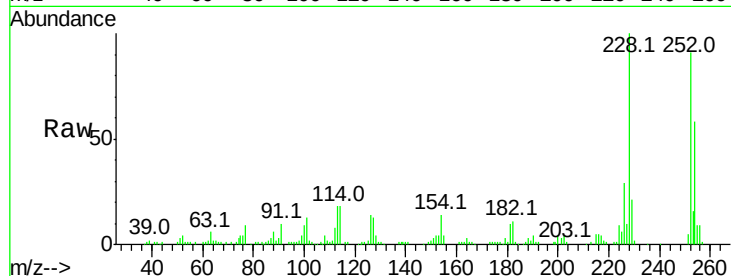
#81
 3,3'-Dichlorobenzidine
 Concen: 26.31 ng
 RT: 18.22 min Scan# 2845
 Delta R.T. -0.03 min
 Lab File: BF096158.D
 Acq: 23 Jun 2017 14:23

Instrument :
 BNA_F
 ClientSampled :
 PB100046BS

Tot Ion	Ratio	Lower	Upper
252	100		
254	63.8	51.5	77.3
126	15.0	15.8	23.8

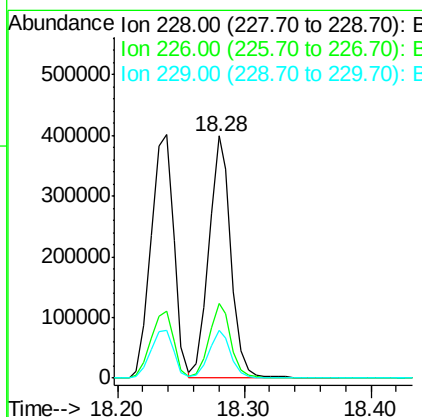
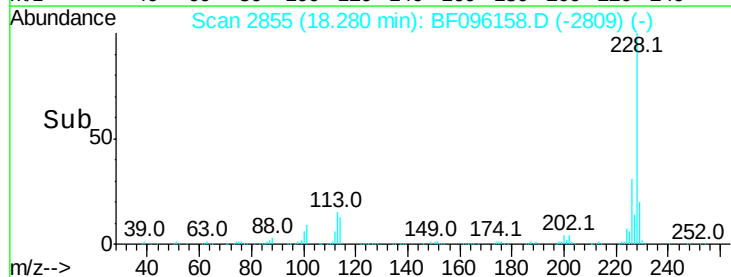
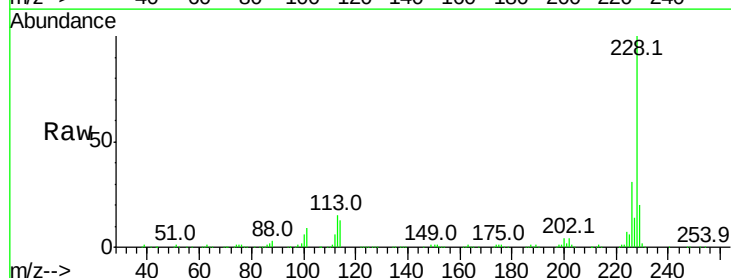
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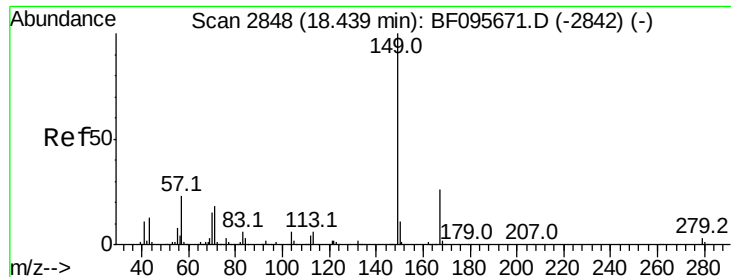
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#82
 Chrysene
 Concen: 42.53 ng
 RT: 18.28 min Scan# 2855
 Delta R.T. -0.03 min
 Lab File: BF096158.D
 Acq: 23 Jun 2017 14:23

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.8	24.9	37.3
229	19.7	15.8	23.6





#83

Bis(2-ethylhexyl)phthalate

Concen: 50.14 ng

RT: 18.32 min Scan# 2862

Delta R.T. -0.02 min

Lab File: BF096158.D

Acq: 23 Jun 2017 14:23

Instrument :

BNA_F

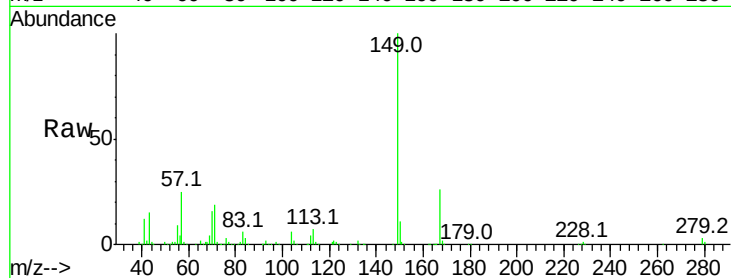
ClientSampled :

PB100046BS

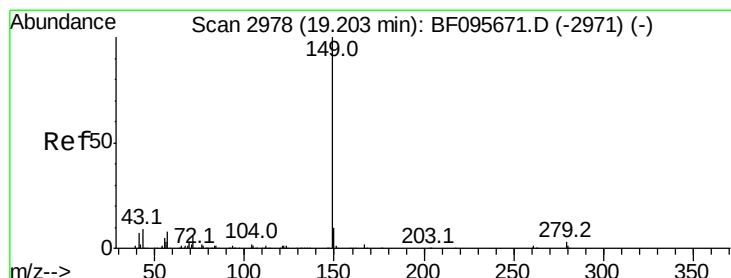
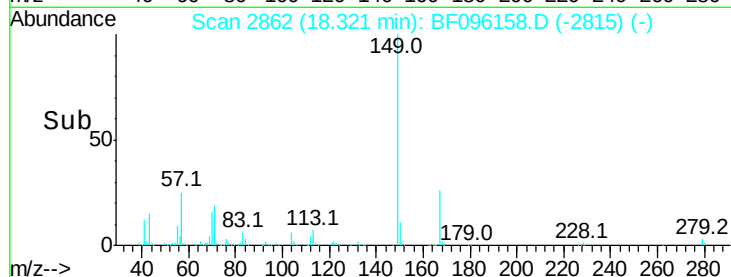
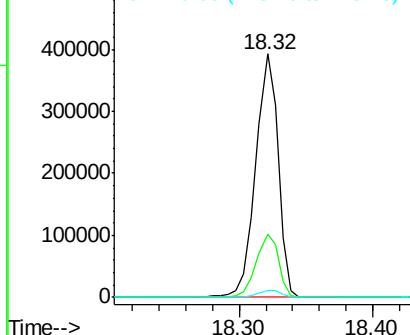
Tot Ion:	149	Resp:	452177
Ion Ratio	Lower	Upper	
149	100		
167	26.0	21.0	31.4
279	2.9	1.9	2.9

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Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 279.00 (278.70 to 279.70): E



#84

Di-n-octyl phthalate

Concen: 49.18 ng

RT: 19.09 min Scan# 2993

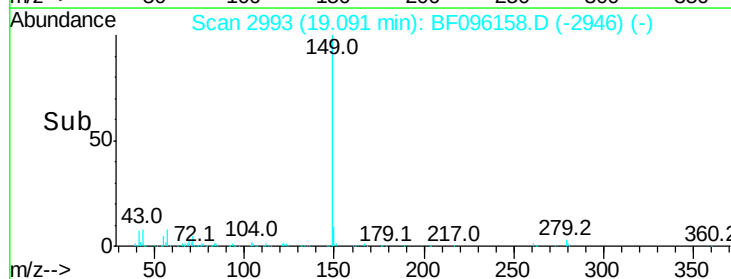
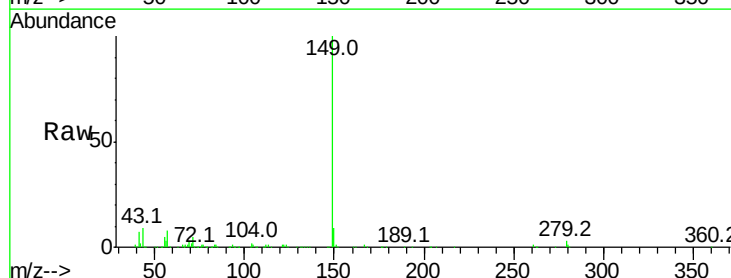
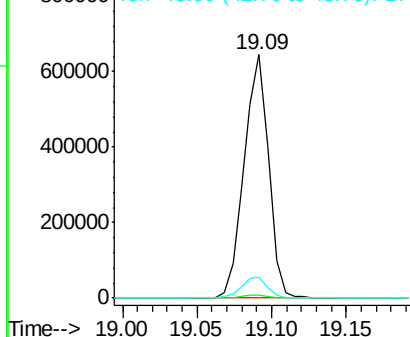
Delta R.T. -0.02 min

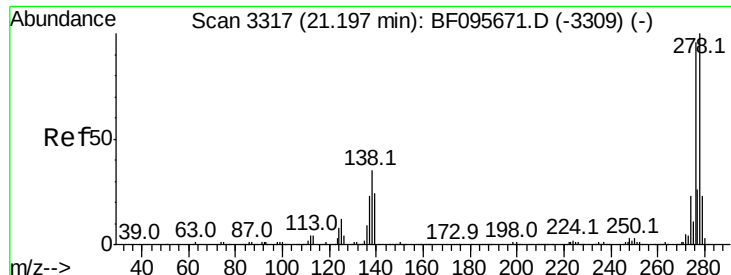
Lab File: BF096158.D

Acq: 23 Jun 2017 14:23

Tgt Ion:	149	Resp:	730748
Ion Ratio	Lower	Upper	
149	100		
167	1.8	1.2	1.8
43	9.0	8.5	12.7

Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): BF0





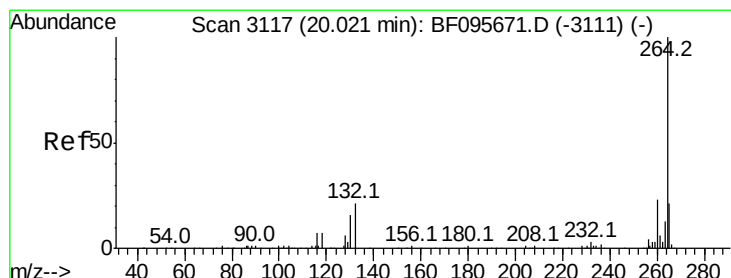
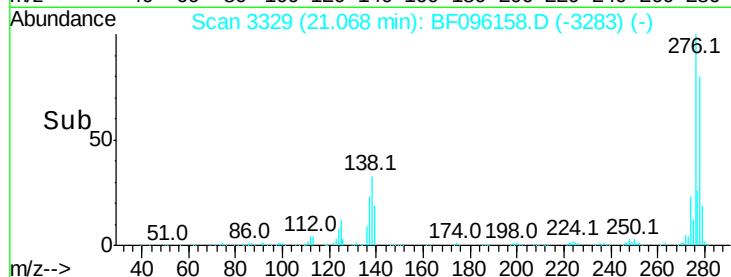
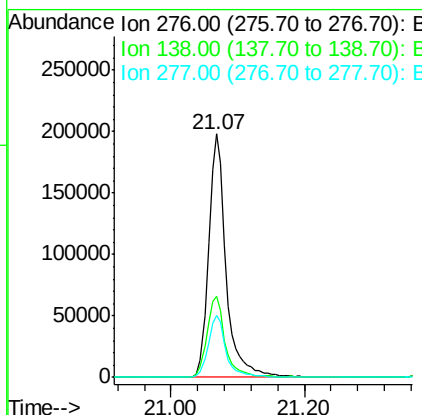
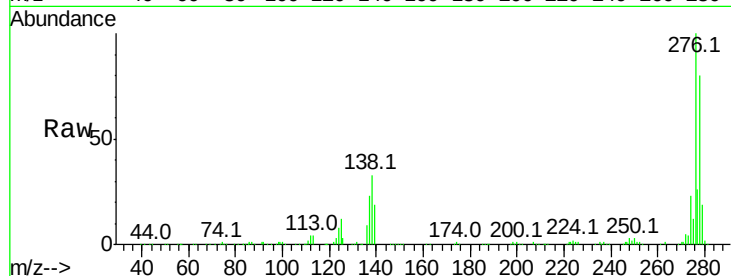
#85
Indeno(1,2,3-cd)pyrene
Concen: 37.04 ng
RT: 21.07 min Scan# 3329
Delta R.T. -0.03 min
Lab File: BF096158.D
Acq: 23 Jun 2017 14:23

Instrument :
BNA_F
ClientSampled :
PB100046BS

Tot Ion	Ratio	Lower	Upper
276	100		
138	34.7	27.8	41.6
277	25.7	20.2	30.4

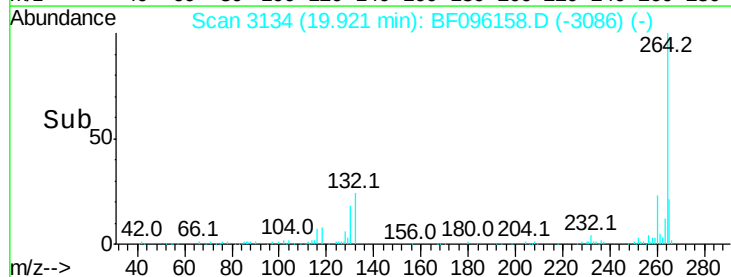
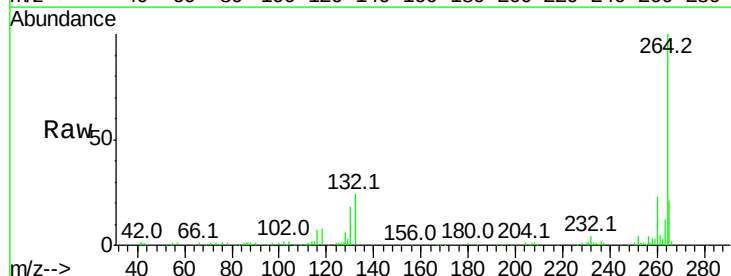
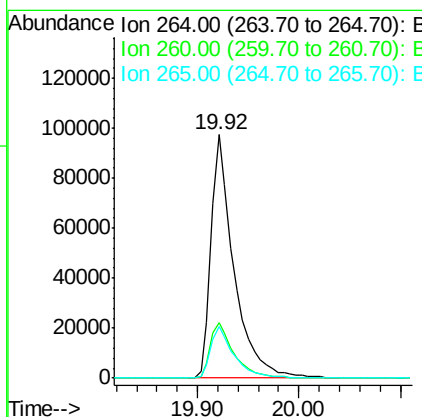
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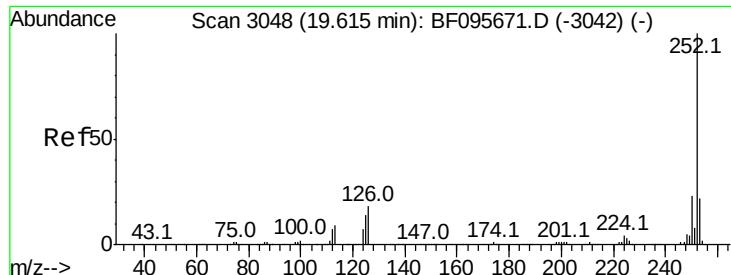
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#86
Perylene-d12
Concen: 20.00 ng
RT: 19.92 min Scan# 3134
Delta R.T. -0.02 min
Lab File: BF096158.D
Acq: 23 Jun 2017 14:23

Tgt Ion	Ratio	Lower	Upper
264	100		
260	22.9	19.5	29.3
265	21.1	17.2	25.8





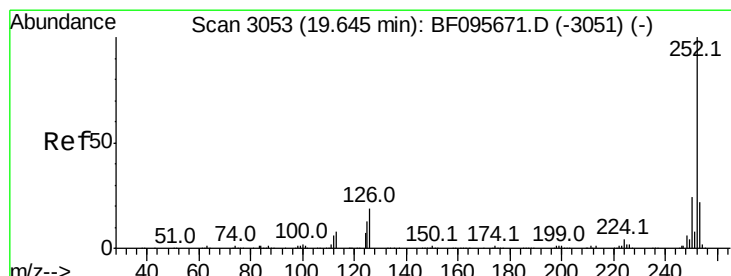
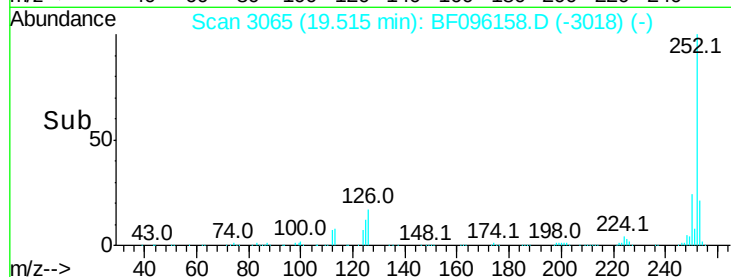
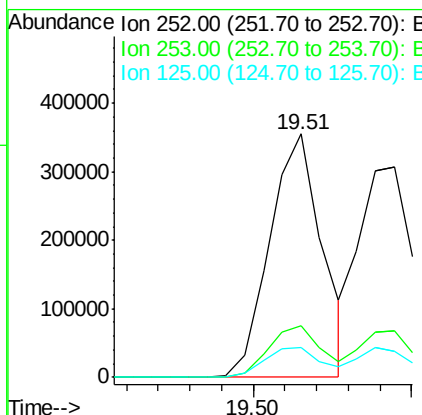
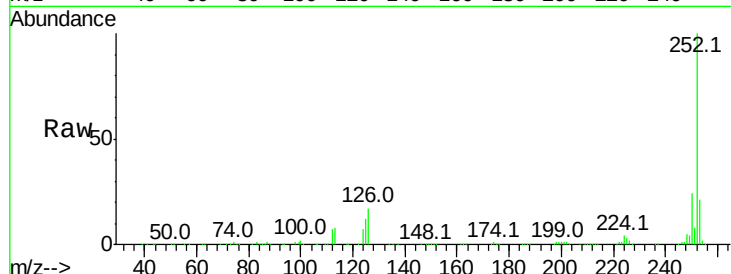
#87
Benzo(b)fluoranthene
Concen: 42.70 ng
RT: 19.51 min Scan# 3065
Delta R.T. -0.02 min
Lab File: BF096158.D
Acq: 23 Jun 2017 14:23

Instrument :
BNA_F
ClientSampleId :
PB100046BS

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.4	18.1	27.1
125	12.5	9.8	14.8

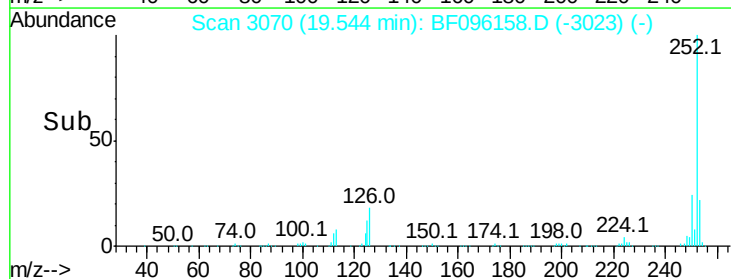
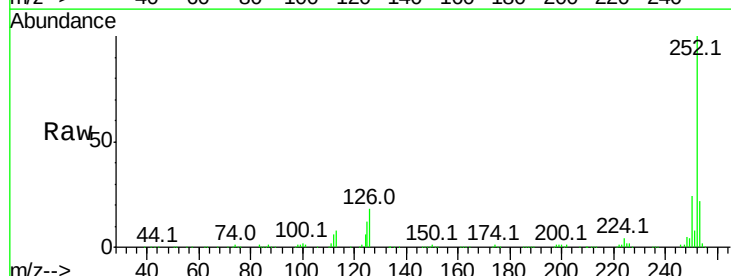
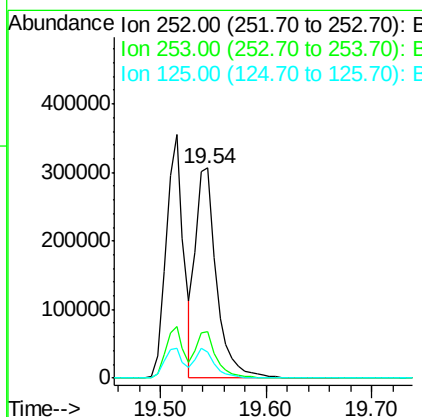
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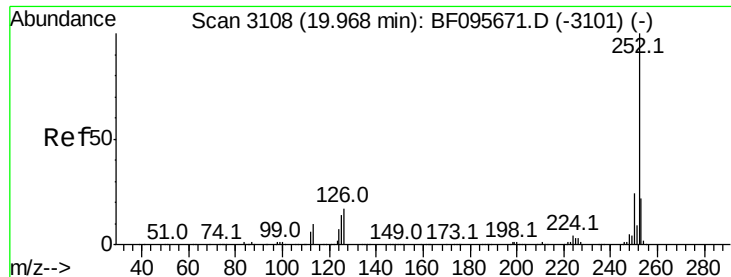
mohammad
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#88
Benzo(k)fluoranthene
Concen: 45.80 ng
RT: 19.54 min Scan# 3070
Delta R.T. -0.02 min
Lab File: BF096158.D
Acq: 23 Jun 2017 14:23

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.0	18.4	27.6
125	12.4	13.1	19.7#





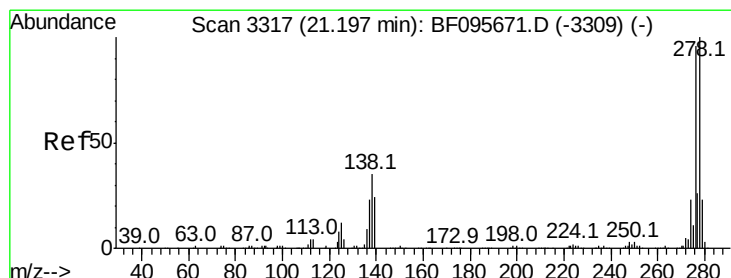
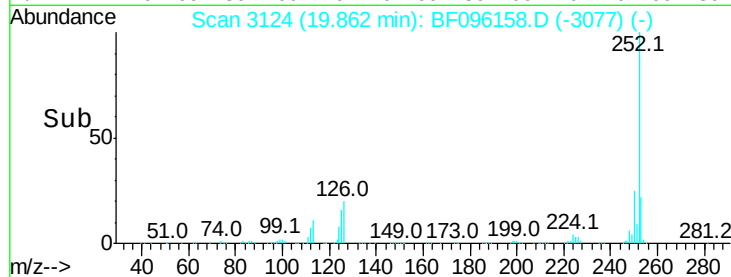
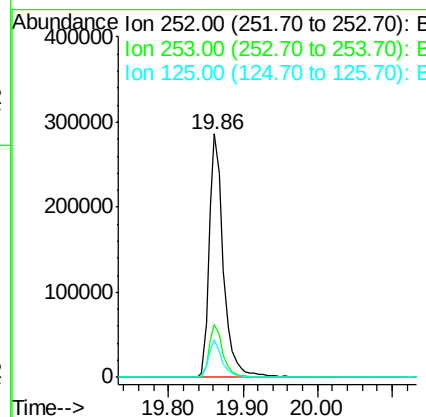
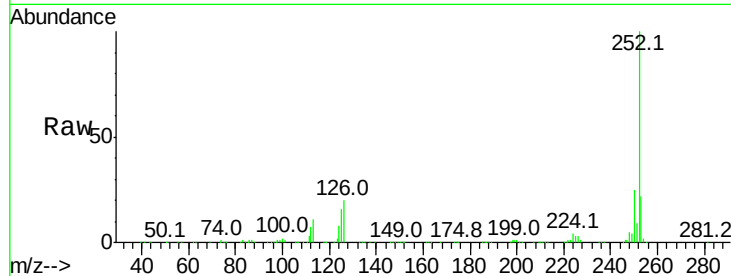
#89
Benzo(a)pyrene
Concen: 43.34 ng
RT: 19.86 min Scan# 3124
Delta R.T. -0.02 min
Lab File: BF096158.D
Acq: 23 Jun 2017 14:23

Instrument :
BNA_F
ClientSampleId :
PB100046BS

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.9	17.5	26.3
125	15.6	11.0	16.4

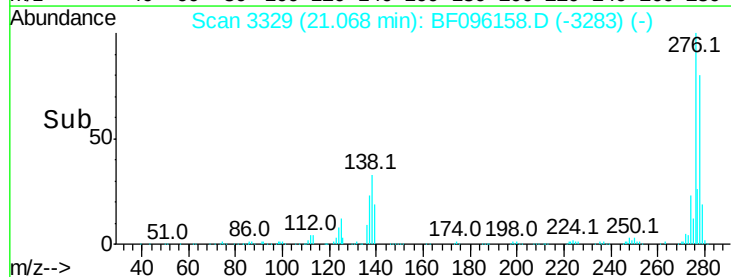
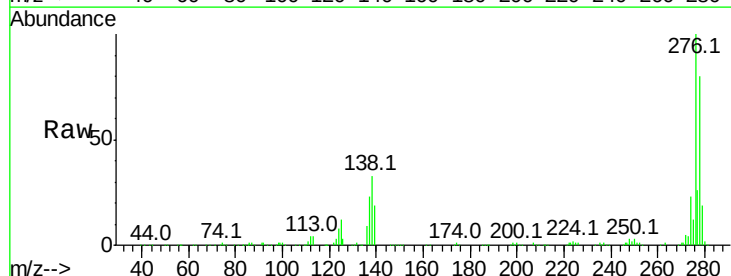
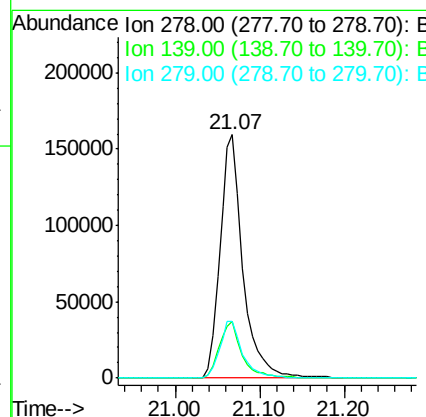
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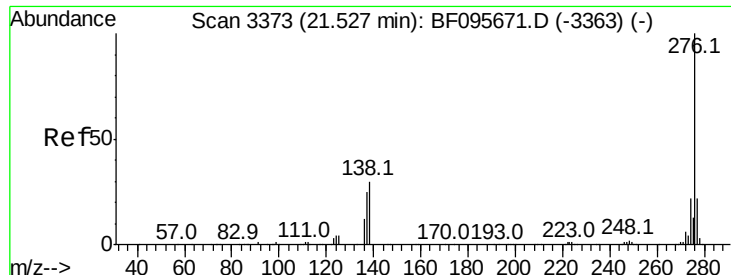
mohammad
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#90
Dibenzo(a,h)anthracene
Concen: 40.54 ng
RT: 21.07 min Scan# 3329
Delta R.T. -0.03 min
Lab File: BF096158.D
Acq: 23 Jun 2017 14:23

Tgt Ion	Ratio	Lower	Upper
278	100		
139	23.1	16.6	24.8
279	23.4	19.3	28.9





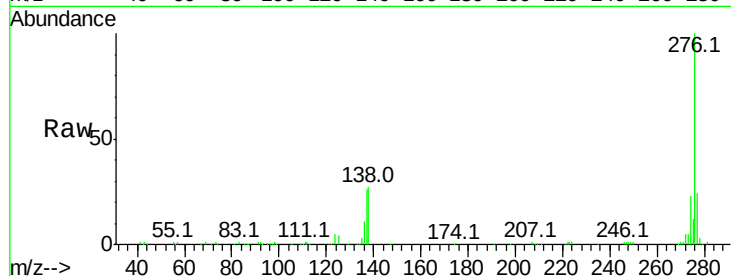
#91
 Benzo(a,h,i)perylene
 Concen: 41.12 ng
 RT: 21.39 min Scan# 3384
 Delta R.T. -0.03 min
 Lab File: BF096158.D
 Acq: 23 Jun 2017 14:23

Instrument :
 BNA_F
 ClientSampleId :
 PB100046BS

Tot Ion:	276	Resp:	311849
Ion Ratio	Lower	Upper	
276	100		
277	23.9	18.6	28.0
138	26.8	25.4	38.0

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Abundance Ion 276.00 (275.70 to 276.70): E
 Ion 277.00 (276.70 to 277.70): E
 Ion 138.00 (137.70 to 138.70): E

