

Data Path : Z:\HPCHEM1\BNA F\DATA\BF051717\
 Data File : BF095189.D
 Acq On : 17 May 2017 17:25
 Operator : SJ/MA
 Sample : PB99021BS
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB99021BS

Manual Integrations
 APPROVED

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 5/18/2017 2:29:11 PM

Quant Time: May 18 08:43:48 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF050217.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu May 18 04:48:06 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.78	152	90274	20.00	ng	0.00
21) Naphthalene-d8	9.79	136	370402	20.00	ng	0.00
38) Acenaphthene-d10	12.62	164	170979	20.00	ng	0.00
63) Phenanthrene-d10	15.02	188	310317	20.00	ng	0.00
75) Chrysene-d12	18.69	240	252252	20.00	ng	0.00
86) Perylene-d12	20.36	264	189828	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.76	112	764565	141.20	ng	0.02
7) Phenol-d6	7.32	99	924907	142.36	ng	0.01
23) Nitrobenzene-d5	8.68	82	537432	91.49	ng	0.00
41) 2,4,6-Tribromophenol	13.92	330	204229	145.85	ng	0.00
44) 2-Fluorobiphenyl	11.57	172	1063203	89.50	ng	0.00
78) Terphenyl-d14	17.35	244	986425	86.13	ng	0.00

Target Compounds				Qvalue		
2) 1,4-Dioxane	2.33	88	93609	35.25	ng	89
3) Pyridine	3.03	79	217367	35.32	ng	99
4) n-Nitrosodimethylamine	2.95	42	99155	38.65	ng	88
6) Aniline	7.29	93	295695	36.05	ng	95
8) 2-Chlorophenol	7.47	128	288943	46.88	ng	96
9) Benzaldehyde	7.11	77	96318	24.28	ng	97
10) Phenol	7.34	94	298802	43.65	ng	90
11) bis(2-Chloroethyl)ether	7.41	93	252342	44.65	ng	96
12) 1,3-Dichlorobenzene	7.68	146	298266	42.66	ng	97
13) 1,4-Dichlorobenzene	7.81	146	308260	43.48	ng	98
14) 1,2-Dichlorobenzene	8.04	146	293117	44.29	ng	96
15) Benzyl Alcohol	8.06	79	218916	52.39	ng	96
16) 2,2'-oxybis(1-Chloropropan	8.26	45	325588	40.70	ng	68
17) 2-Methylphenol	8.27	107	230455	45.69	ng	# 88
18) Hexachloroethane	8.55	117	101489	42.26	ng	# 85
19) n-Nitroso-di-n-propylamine	8.48	70	195104	44.40	ng	95
20) 3+4-Methylphenols	8.52	107	305476	44.57	ng	# 55
22) Acetophenone	8.45	105	396528	44.62	ng	# 84
24) Nitrobenzene	8.71	77	251119	40.79	ng	92
25) Isophorone	9.11	82	493176	47.02	ng	# 94
26) 2-Nitrophenol	9.21	139	158663	47.76	ng	98
27) 2,4-Dimethylphenol	9.34	122	249396	46.43	ng	98
28) bis(2-Chloroethoxy)methane	9.47	93	316251	43.59	ng	99
29) 2,4-Dichlorophenol	9.63	162	229824	45.32	ng	98
30) 1,2,4-Trichlorobenzene	9.71	180	234718	43.20	ng	99
31) Naphthalene	9.82	128	803134	43.14	ng	99
32) Benzoic acid	9.66	122	119253	35.32	ng	89
33) 4-Chloroaniline	9.99	127	95027	13.70	ng	# 91
34) Hexachlorobutadiene	10.04	225	116890	40.77	ng	98
35) Caprolactam	10.60	113	65506m	43.01	ng	
36) 4-Chloro-3-methylphenol	10.82	107	253511	46.75	ng	90
37) 2-Methylnaphthalene	10.95	142	553510	45.30	ng	98
39) 1,2,4,5-Tetrachlorobenzene	11.22	216	219824	41.81	ng	99
40) Hexachlorocyclopentadiene	11.20	237	150303	68.90	ng	98

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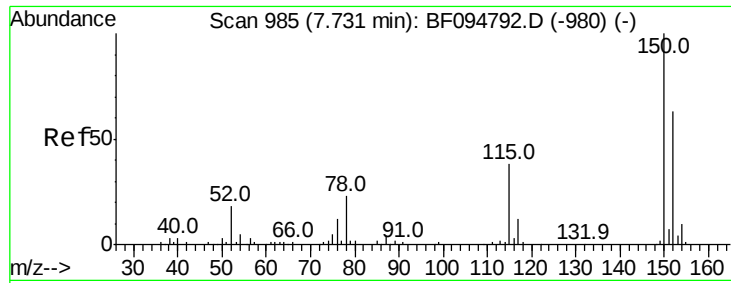
Manual Integrations
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Quant Time: May 18 08:43:48 2017
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	11.45	196	160483	45.71	nq	95
43) 2,4,5-Trichlorophenol	11.54	196	157813	41.82	nq	# 93
45) 1,1'-Biphenyl	11.71	154	632327	43.93	nq	97
46) 2-Chloronaphthalene	11.73	162	507747	43.68	nq	95
47) 2-Nitroaniline	11.95	65	135513	42.59	nq	# 81
48) Acenaphthylene	12.39	152	812500	44.63	nq	98
49) Dimethylphthalate	12.27	163	591156	42.12	nq	98
50) 2,6-Dinitrotoluene	12.36	165	135246	47.23	nq	97
51) Acenaphthene	12.68	154	479605	44.10	nq	98
52) 3-Nitroaniline	12.64	138	66888	21.76	nq	94
53) 2,4-Dinitrophenol	12.84	184	128648	81.44	nq	# 69
54) Dibenzofuran	12.97	168	734892	48.84	nq	96
55) 4-Nitrophenol	13.02	139	137485	74.48	nq	# 68
56) 2,4-Dinitrotoluene	13.03	165	183323	49.82	nq	# 91
57) Fluorene	13.52	166	588230	44.95	nq	99
58) 2,3,4,6-Tetrachlorophenol	13.21	232	125134	52.69	nq	# 92
59) Diethylphthalate	13.41	149	575269	42.76	nq	99
60) 4-Chlorophenyl-phenylether	13.54	204	255864	44.49	nq	92
61) 4-Nitroaniline	13.64	138	118203	41.89	nq	95
62) Azobenzene	13.80	77	553186	51.17	nq	92
64) 4,6-Dinitro-2-methylphenol	13.69	198	92564	44.50	nq	# 71
65) n-Nitrosodiphenylamine	13.75	169	505358	44.87	nq	99
66) 4-Bromophenyl-phenylether	14.32	248	146887	44.80	nq	96
67) Hexachlorobenzene	14.41	284	146635	43.64	nq	# 86
68) Atrazine	14.67	200	154208	48.49	nq	96
69) Pentachlorophenol	14.77	266	112376	74.41	nq	96
70) Phenanthrene	15.07	178	820151	46.00	nq	98
71) Anthracene	15.15	178	859895	47.21	nq	98
72) Carbazole	15.42	167	792140	47.80	nq	97
73) Di-n-butylphthalate	15.99	149	937350	45.36	nq	98
74) Fluoranthene	16.80	202	856574	46.83	nq	99
76) Benzidine	17.02	184	278874	41.85	nq	# 92
77) Pyrene	17.11	202	873911	46.32	nq	98
79) Butylbenzylphthalate	18.00	149	395835	45.11	nq	# 86
80) Benzo(a)anthracene	18.68	228	680091	46.32	nq	98
81) 3,3'-Dichlorobenzidine	18.67	252	124510	24.56	nq	# 94
82) Chrysene	18.73	228	636614	44.85	nq	99
83) Bis(2-ethylhexyl)phthalate	18.75	149	542797	43.41	nq	# 100
84) Di-n-octyl phthalate	19.51	149	854963	41.71	nq	96
85) Indeno(1,2,3-cd)pyrene	21.69	276	450124	39.05	nq	100
87) Benzo(b)fluoranthene	19.96	252	532784	45.42	nq	99
88) Benzo(k)fluoranthene	19.99	252	540284	47.75	nq	# 95
89) Benzo(a)pyrene	20.31	252	503687	46.54	nq	98
90) Dibenzo(a,h)anthracene	21.70	278	364124	40.73	nq	98
91) Benzo(g,h,i)perylene	22.08	276	394672	44.99	nq	96

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



#1

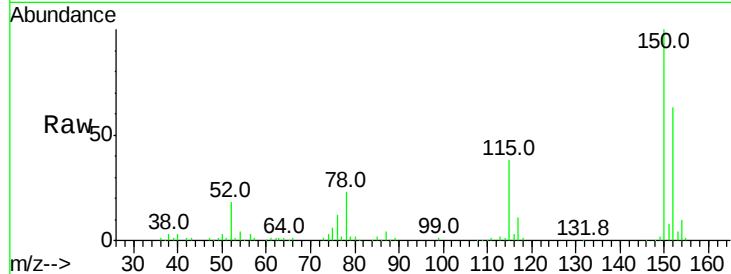
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.78 min Scan# 993
Delta R.T. 0.01 min
Lab File: BF095189.D
Acq: 17 May 2017 17:25

Instrument :
BNA_F
ClientSampleId :
PB99021BS

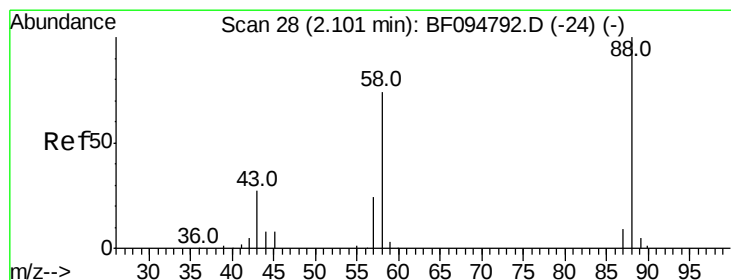
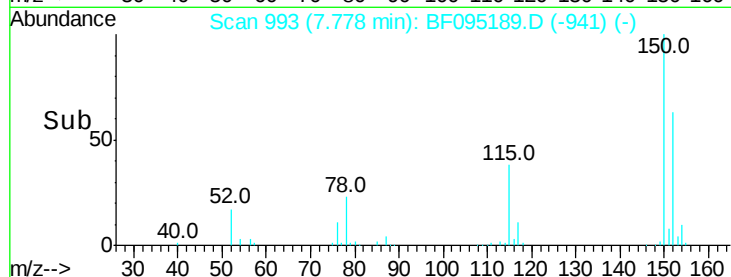
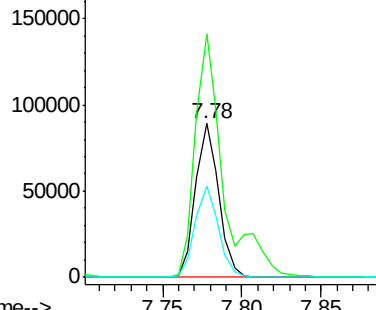
Tot Ion	Ratio	Lower	Upper
152	100		
150	158.5	126.2	189.2
115	59.5	52.2	78.2

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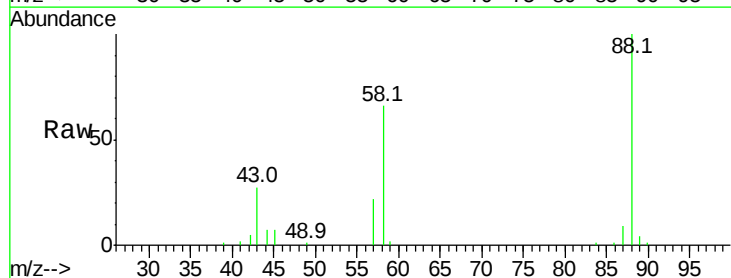
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



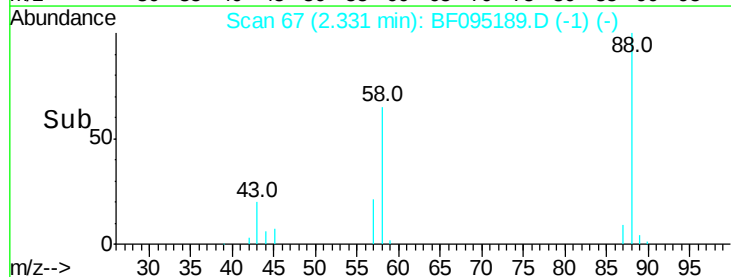
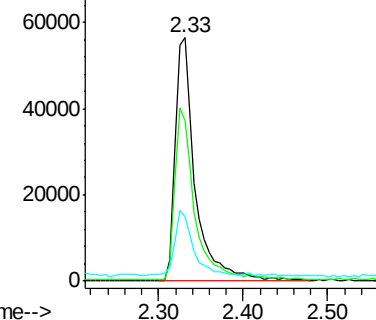
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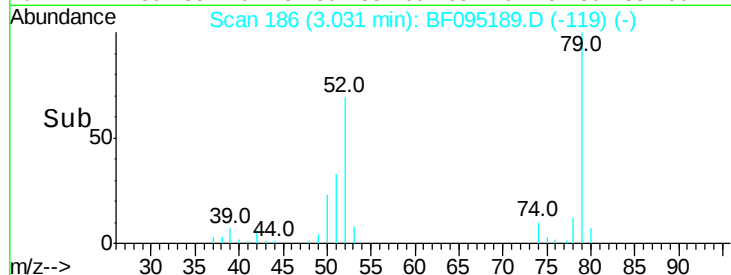
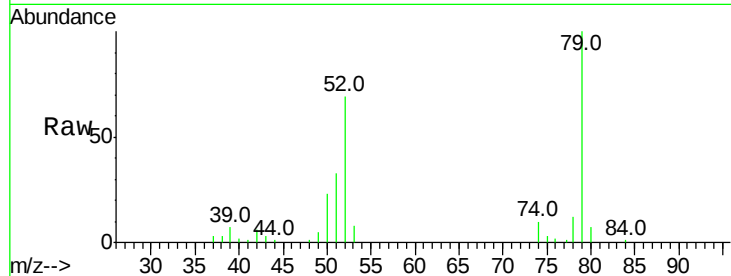
1,4-Dioxane
Concen: 35.25 ng
RT: 2.33 min Scan# 67
Delta R.T. 0.09 min
Lab File: BF095189.D
Acq: 17 May 2017 17:25

Tgt Ion	Ratio	Lower	Upper
88	100		
58	67.0	61.4	92.0
43	24.3	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: 35.32 ng

RT: 3.03 min Scan# 186

Delta R.T. 0.09 min

Lab File: BF095189.D

Acq: 17 May 2017 17:25

Tot Ion:	79	Resp:	217367
Ion Ratio	Lower	Upper	
79	100		
52	69.3	54.8	82.2
51	33.1	27.0	40.4

Instrument :

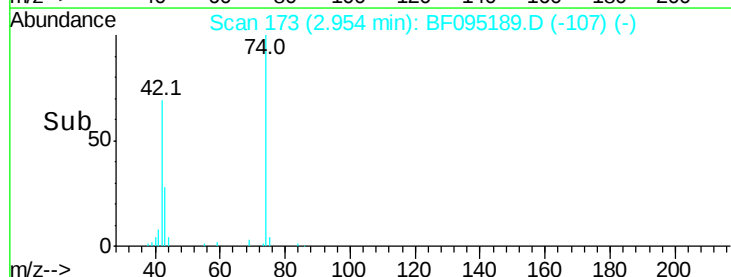
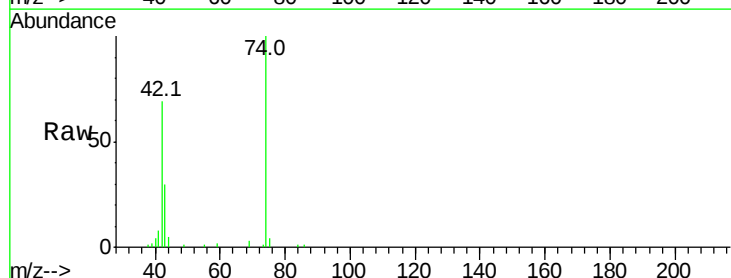
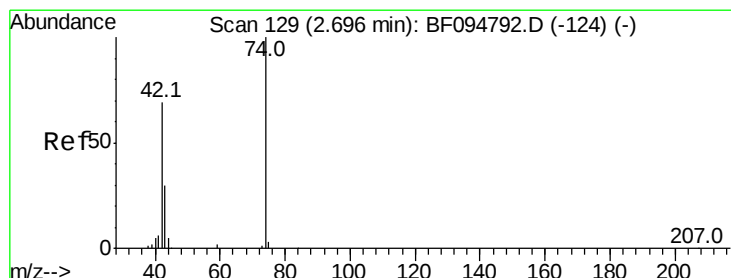
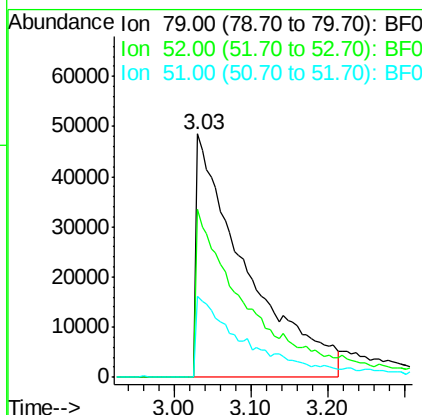
BNA_F

ClientSampleId :

PB99021BS

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#4

n-Nitrosodimethylamine

Concen: 38.65 ng

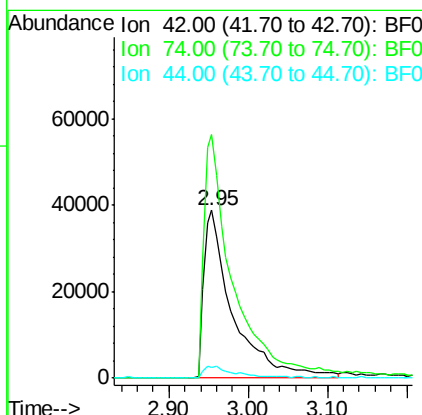
RT: 2.95 min Scan# 173

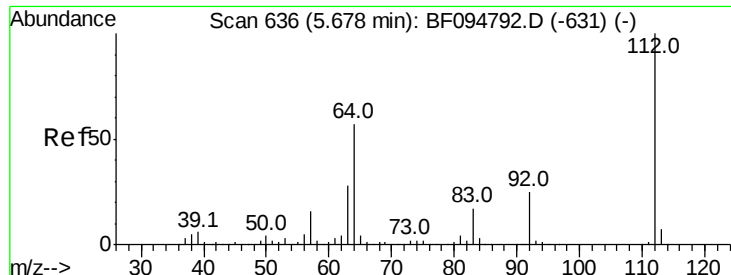
Delta R.T. 0.09 min

Lab File: BF095189.D

Acq: 17 May 2017 17:25

Tgt Ion:	42	Resp:	99155
Ion Ratio	Lower	Upper	
42	100		
74	145.0	103.9	155.9
44	6.6	5.7	8.5





#5

2-Fluorophenol

Concen: 141.20 ng

RT: 5.76 min Scan# 650

Delta R.T. 0.02 min

Lab File: BF095189.D

Acq: 17 May 2017 17:25

Instrument :

BNA_F

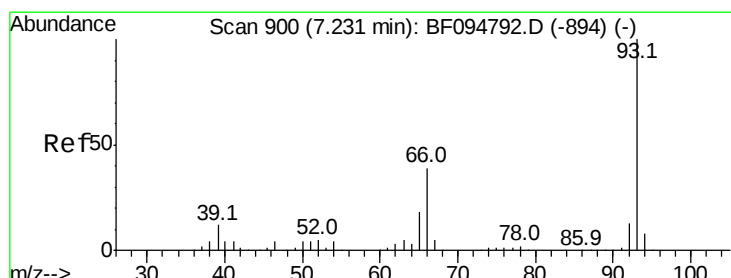
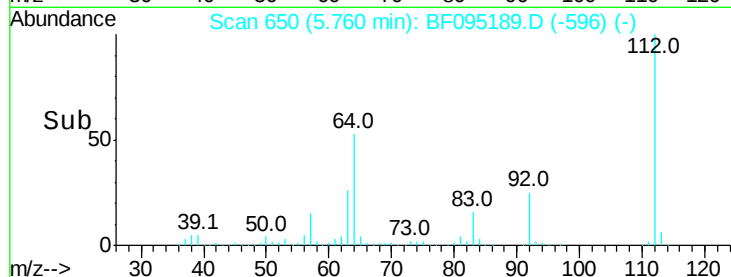
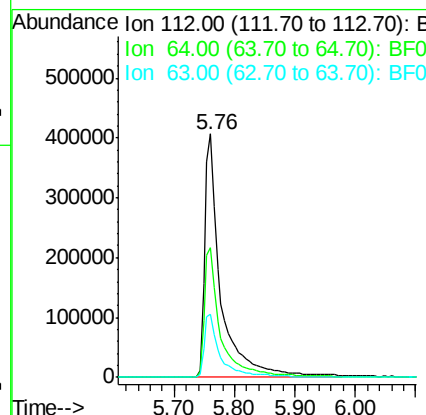
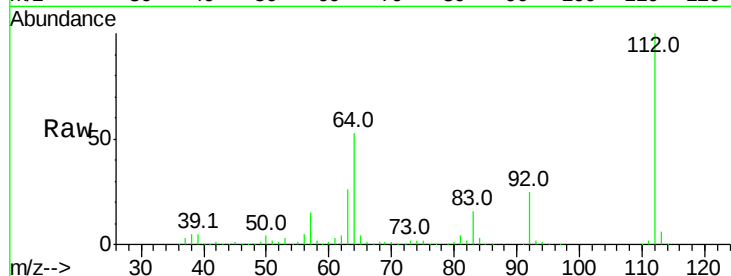
ClientSampled :

PB99021BS

Tot Ion	Ratio	Resp	Lower	Upper
112	100	764565		
64	53.4	46.0	69.0	
63	26.1	23.4	35.0	

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#6

Aniline

Concen: 36.05 ng

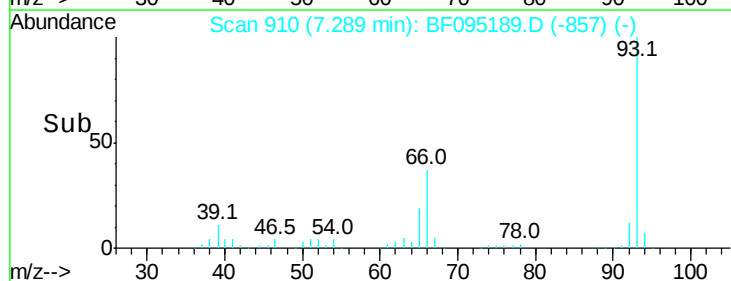
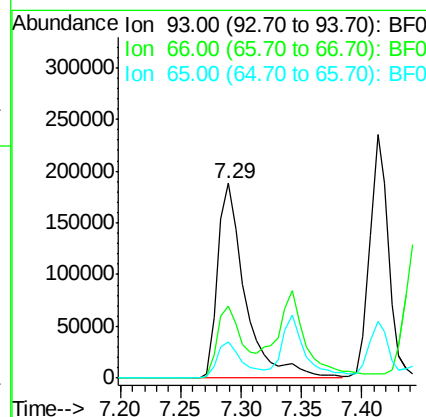
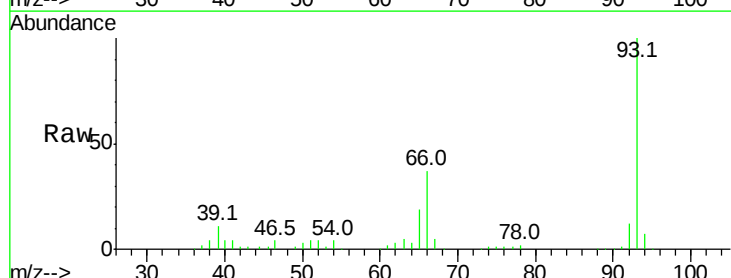
RT: 7.29 min Scan# 910

Delta R.T. 0.01 min

Lab File: BF095189.D

Acq: 17 May 2017 17:25

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	295695		
66	37.3	32.9	49.3	
65	18.9	16.0	24.0	





#7

Phenol-d6

Concen: 142.36 ng

RT: 7.32 min Scan# 916

Delta R.T. 0.01 min

Lab File: BF095189.D

Acq: 17 May 2017 17:25

Instrument :

BNA_F

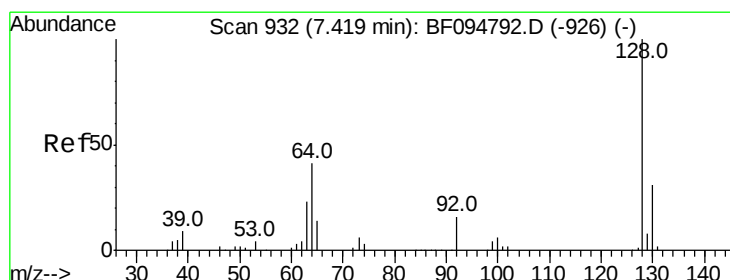
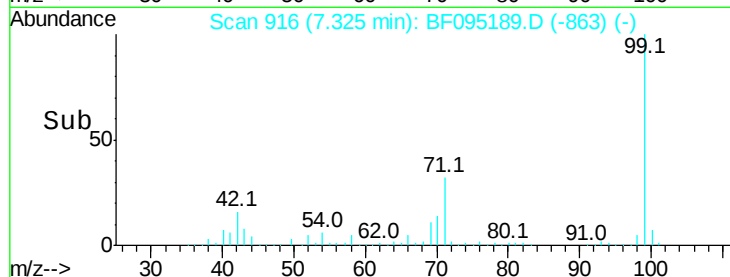
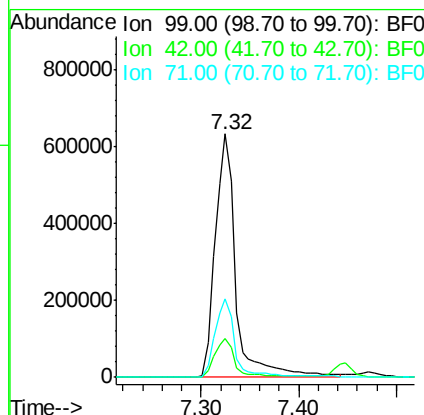
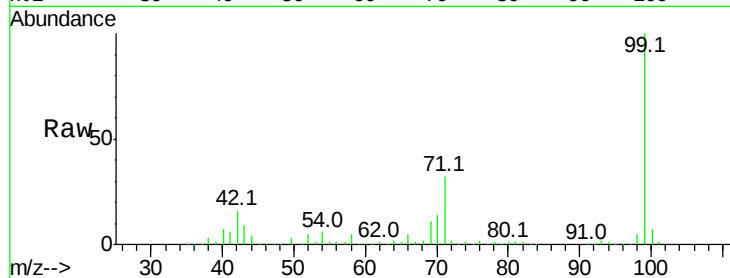
ClientSampleId :

PB99021BS

Tot Ion:	99	Resp:	924907
Ion Ratio	Lower	Upper	
99	100		
42	16.1	13.5	20.3
71	32.3	24.5	36.7

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#8

2-Chlorophenol

Concen: 46.88 ng

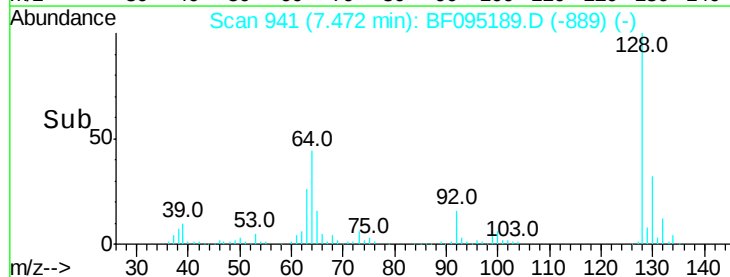
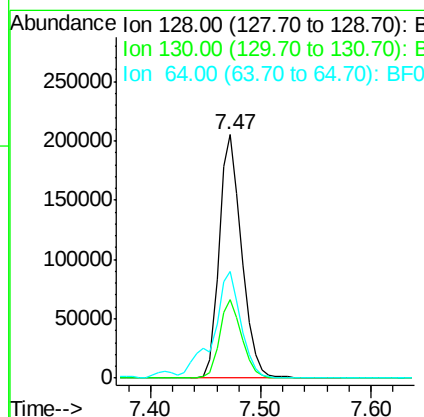
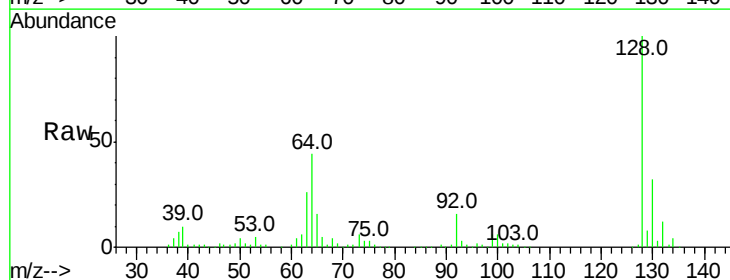
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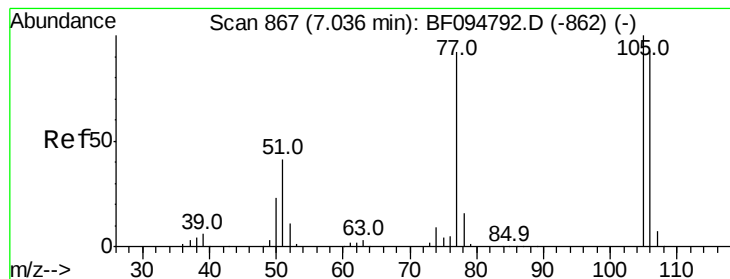
Delta R.T. 0.01 min

Lab File: BF095189.D

Acq: 17 May 2017 17:25

Tgt Ion:	128	Resp:	288943
Ion Ratio	Lower	Upper	
128	100		
130	32.1	12.9	52.9
64	44.0	28.4	68.4





#9

Benzaldehyde

Concen: 24.28 ng

RT: 7.11 min Scan# 879

Delta R.T. 0.01 min

Lab File: BF095189.D

Acq: 17 May 2017 17:25

Instrument :

BNA_F

ClientSampleId :

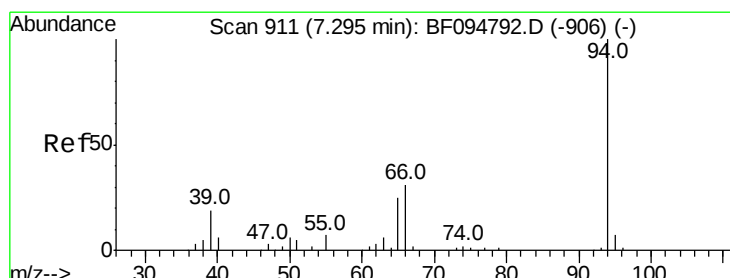
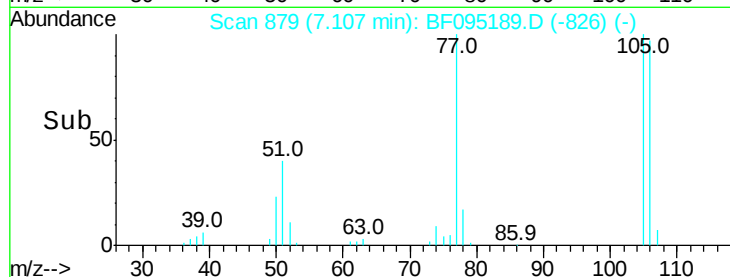
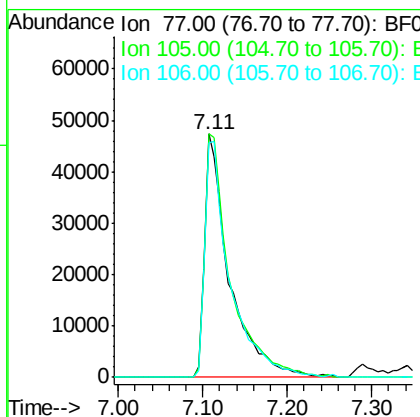
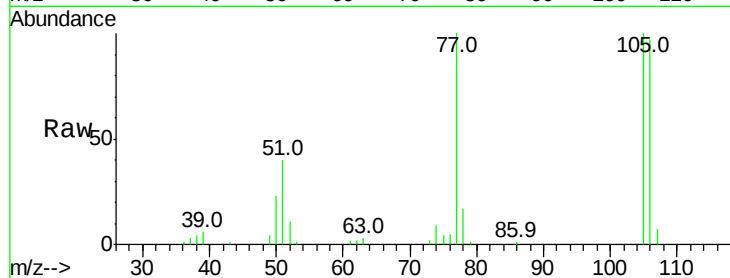
PB99021BS

Tot Ion: 77 Resp: 96318

Ion	Ratio	Lower	Upper
77	100		
105	100.0	83.8	123.8
106	96.6	79.1	119.1

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#10

Phenol

Concen: 43.65 ng

RT: 7.34 min Scan# 919

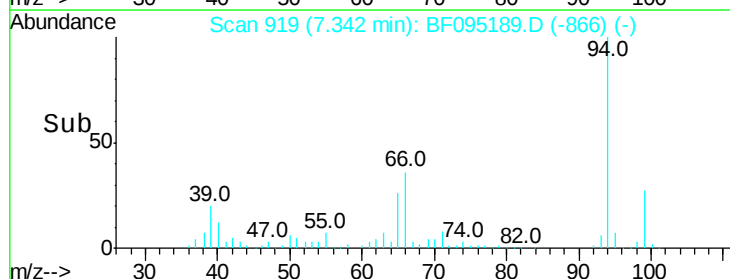
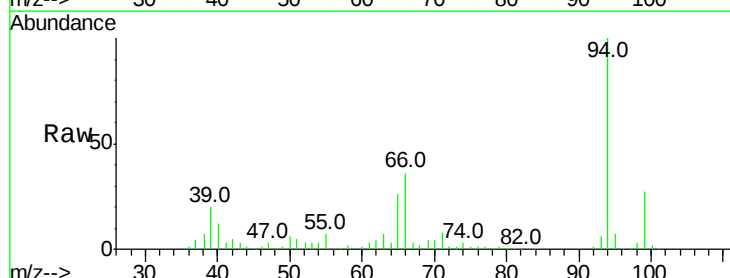
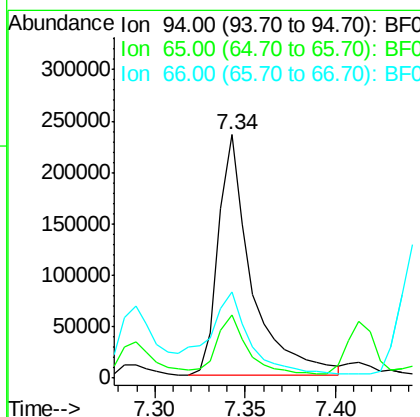
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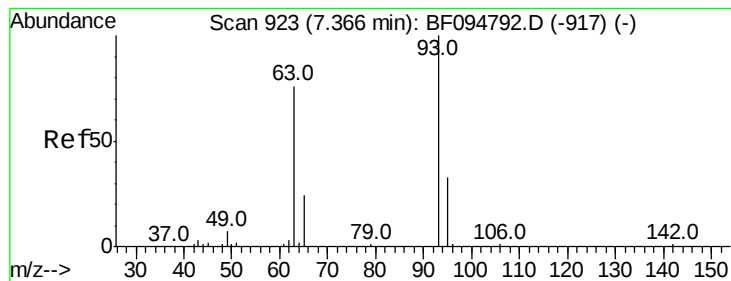
Lab File: BF095189.D

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Tgt Ion: 94 Resp: 298802

Ion	Ratio	Lower	Upper
94	100		
65	25.9	9.9	49.9
66	35.6	23.1	63.1





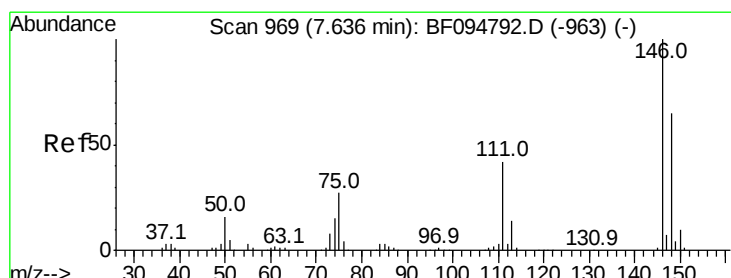
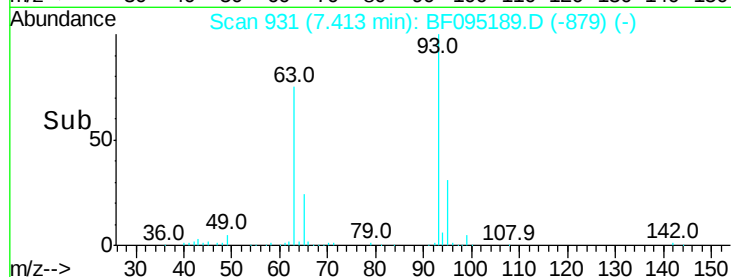
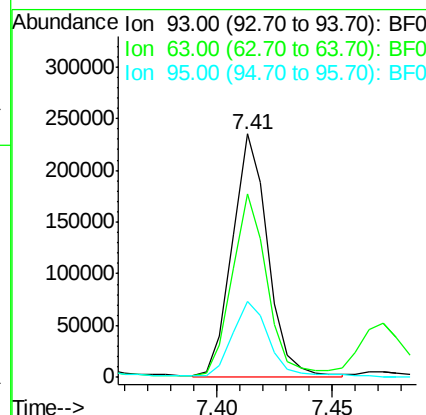
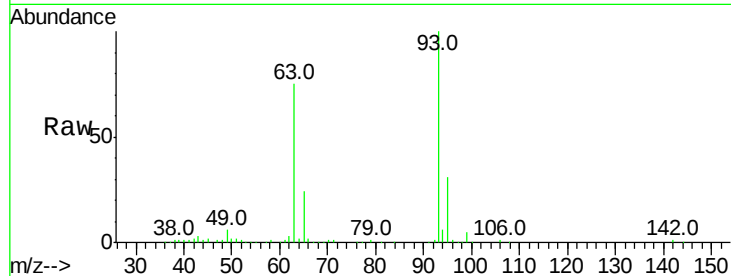
#11
bis(2-Chloroethyl)ether
Concen: 44.65 ng
RT: 7.41 min Scan# 931
Delta R.T. 0.01 min
Lab File: BF095189.D
Acq: 17 May 2017 17:25

Instrument :
BNA_F
ClientSampleId :
PB99021BS

Tot Ion	Ratio	Resp	Lower	Upper
93	100	252342		
63	75.2	59.2	99.2	
95	31.4	12.8	52.8	

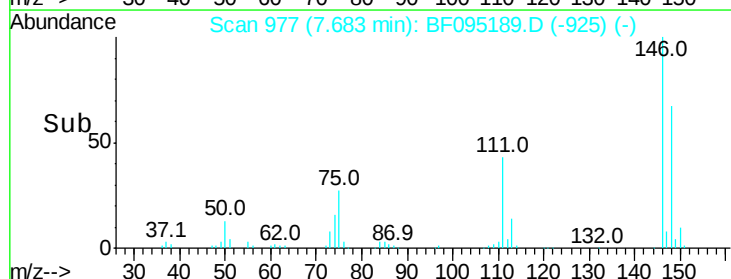
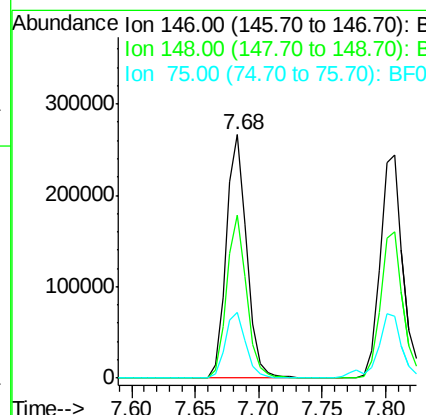
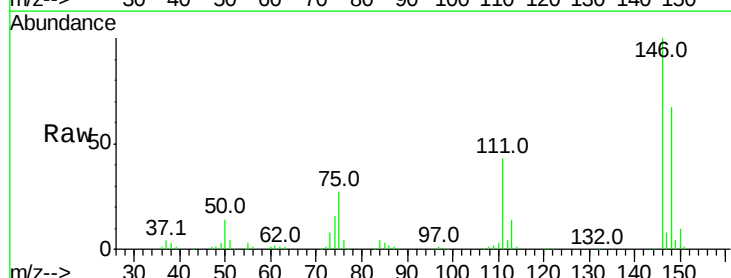
Manual Integrations
APPROVED

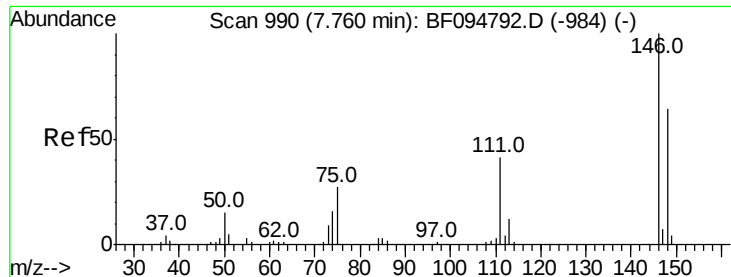
mohammad
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#12
1,3-Dichlorobenzene
Concen: 42.66 ng
RT: 7.68 min Scan# 977
Delta R.T. 0.01 min
Lab File: BF095189.D
Acq: 17 May 2017 17:25

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	298266		
148	66.9	51.8	77.6	
75	27.2	23.1	34.7	





#13

1,4-Dichlorobenzene

Concen: 43.48 ng

RT: 7.81 min Scan# 998

Delta R.T. 0.01 min

Lab File: BF095189.D

Acq: 17 May 2017 17:25

Instrument :

BNA_F

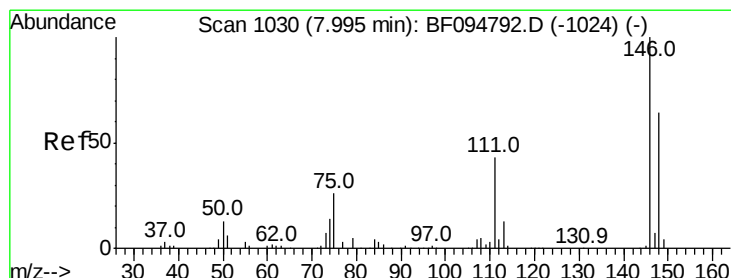
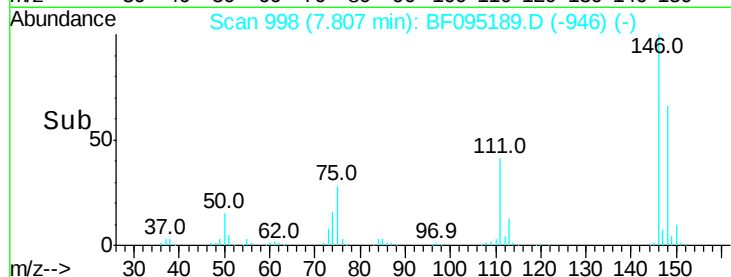
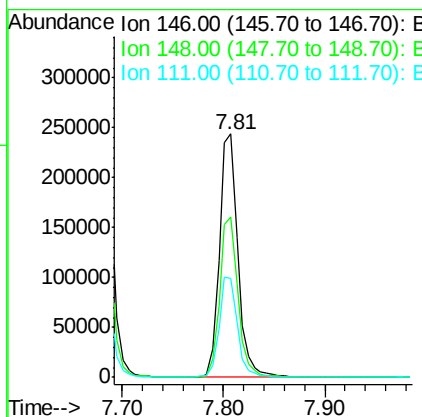
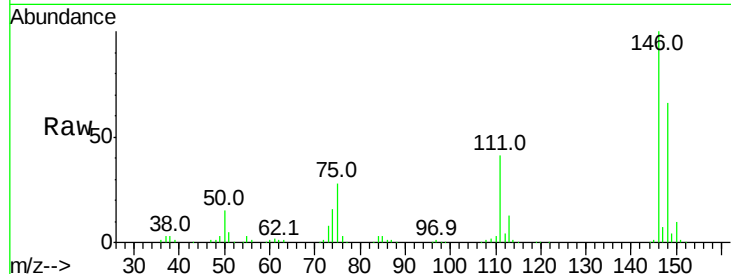
ClientSampleId :

PB99021BS

Tot Ion:	146	Resp:	308260
Ion Ratio	Lower	Upper	
146	100		
148	65.8	52.2	78.2
111	40.8	30.3	45.5

Manual Integrations
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#14

1,2-Dichlorobenzene

Concen: 44.29 ng

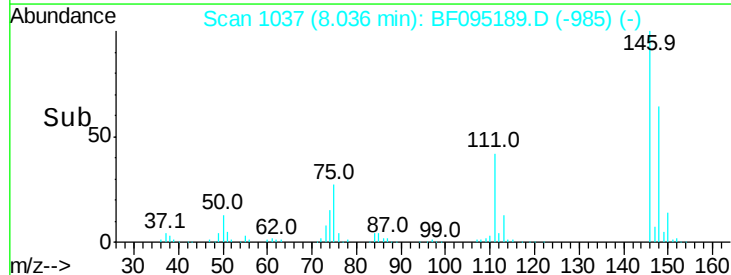
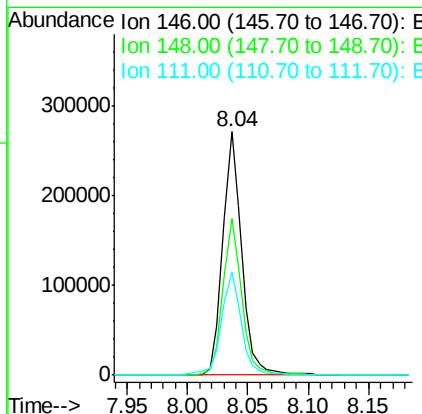
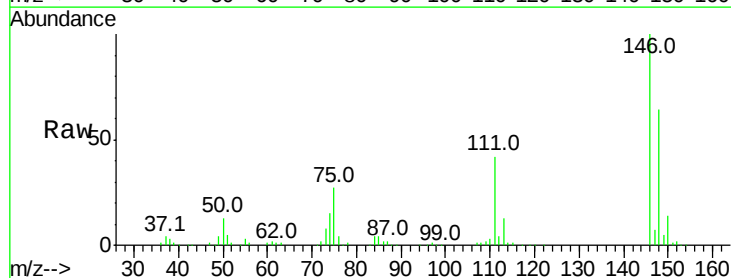
RT: 8.04 min Scan# 1037

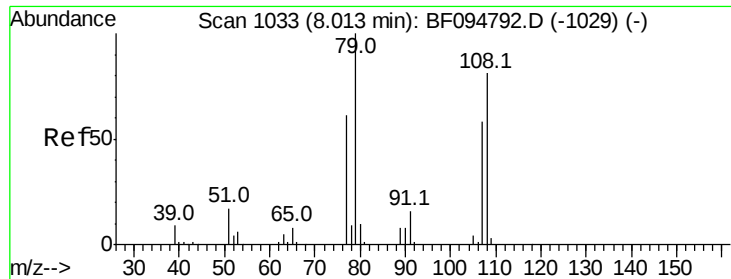
Delta R.T. 0.01 min

Lab File: BF095189.D

Acq: 17 May 2017 17:25

Tgt Ion:	146	Resp:	293117
Ion Ratio	Lower	Upper	
146	100		
148	64.3	50.4	75.6
111	42.4	38.2	57.4





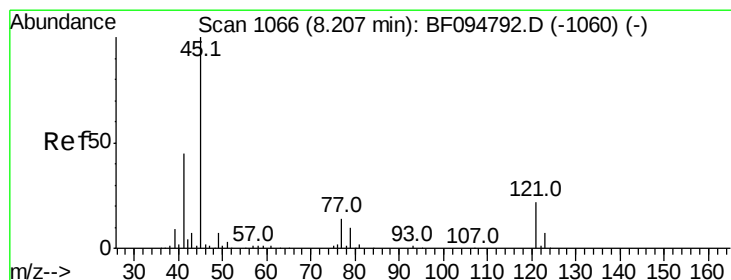
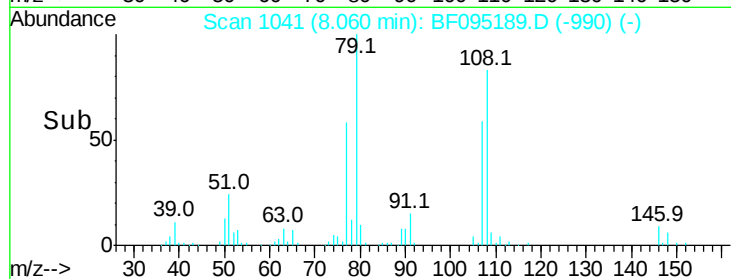
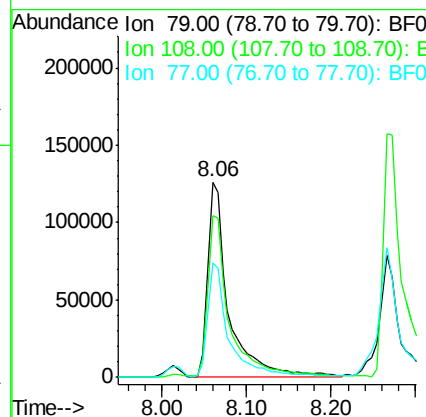
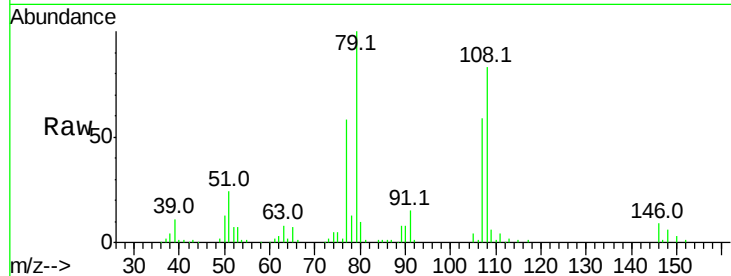
#15
Benzyl Alcohol
Concen: 52.39 ng
RT: 8.06 min Scan# 1041
Delta R.T. -0.00 min
Lab File: BF095189.D
Acq: 17 May 2017 17:25

Instrument :
BNA_F
ClientSampleId :
PB99021BS

Tot Ion	Ratio	Resp	Lower	Upper
79	100			
108	83.2	63.4	95.0	
77	58.4	49.2	73.8	

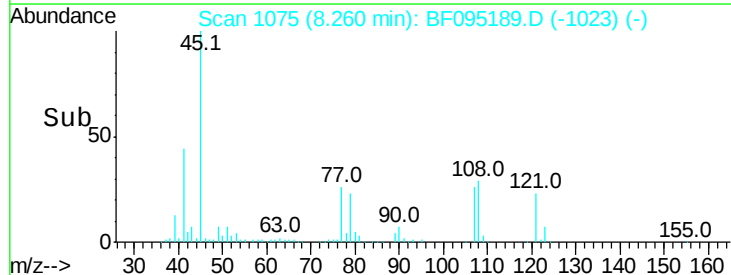
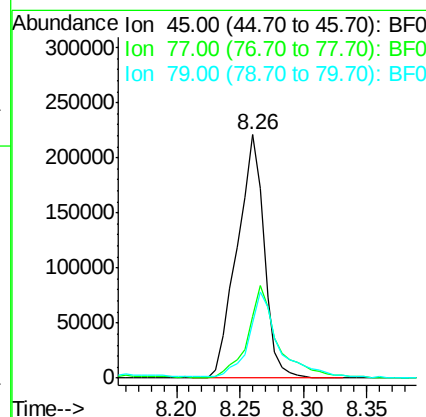
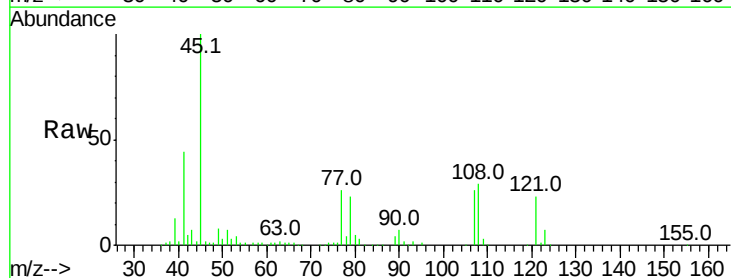
Manual Integrations
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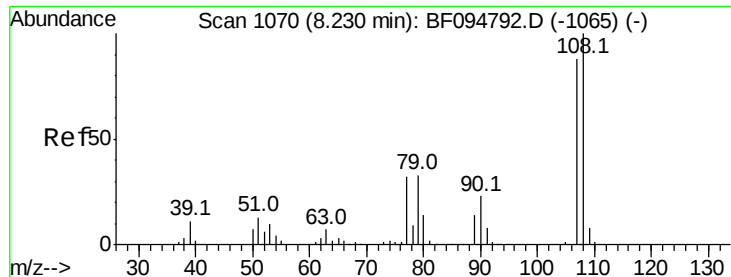
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#16
2,2'-oxybis(1-Chloropropane)
Concen: 40.70 ng
RT: 8.26 min Scan# 1075
Delta R.T. 0.01 min
Lab File: BF095189.D
Acq: 17 May 2017 17:25

Tgt Ion	Ratio	Resp	Lower	Upper
45	100			
77	25.6	0.0	33.2	
79	22.6	0.0	30.0	





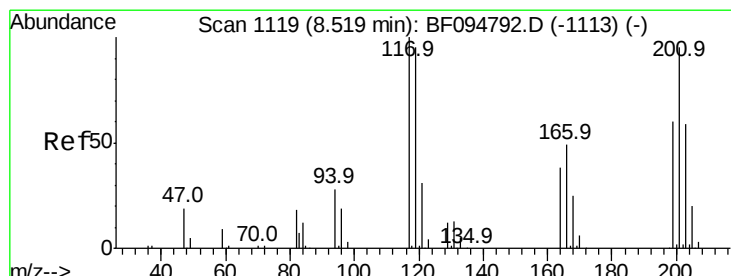
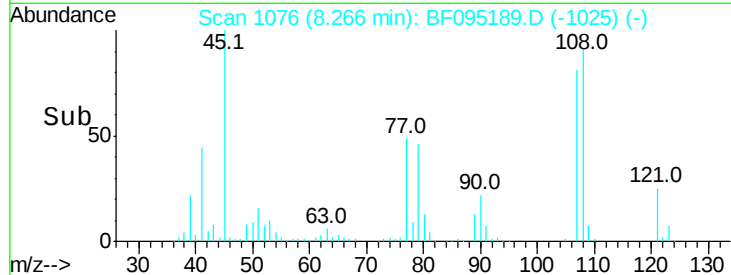
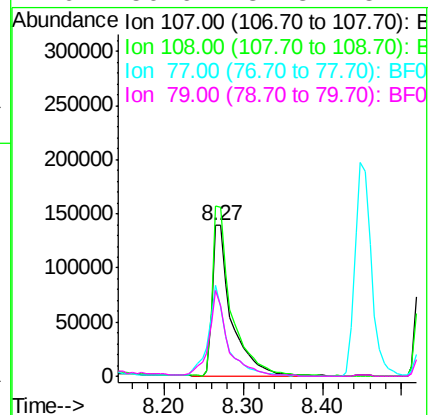
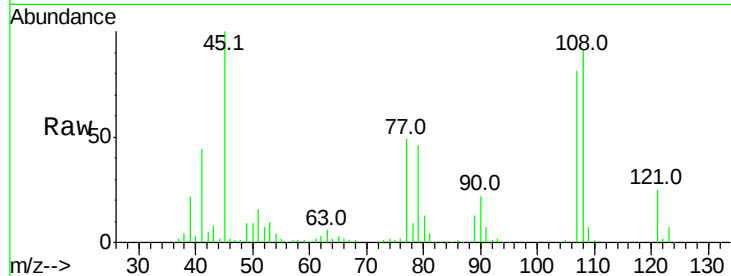
#17
2-Methylphenol
Concen: 45.69 ng
RT: 8.27 min Scan# 1076
Delta R.T. -0.00 min
Lab File: BF095189.D
Acq: 17 May 2017 17:25

Instrument :
BNA_F
ClientSampleId :
PB99021BS

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	113.0	93.4	140.0	
77	60.4	35.8	53.6#	
79	56.6	34.8	52.2#	

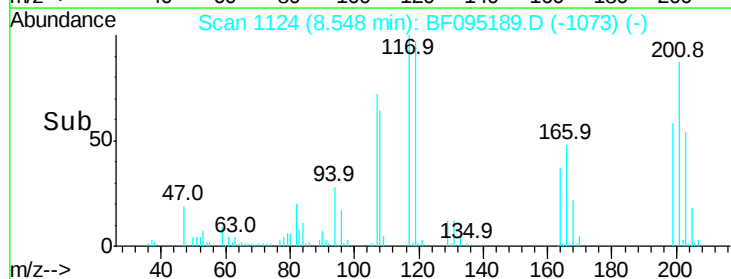
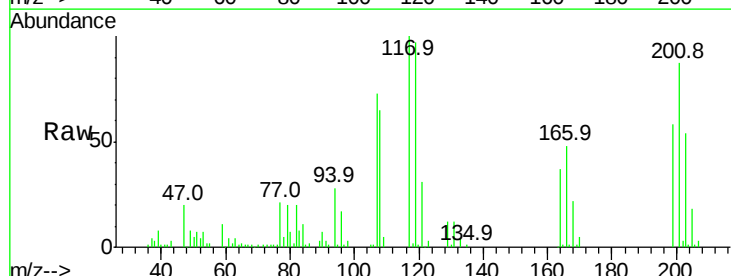
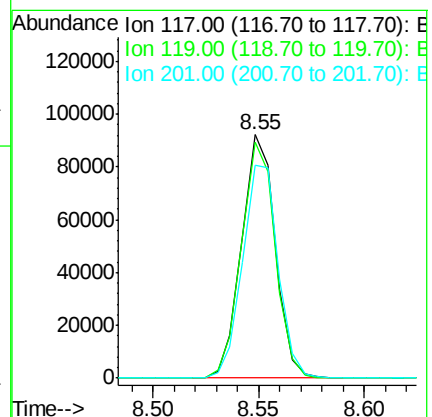
Manual Integrations
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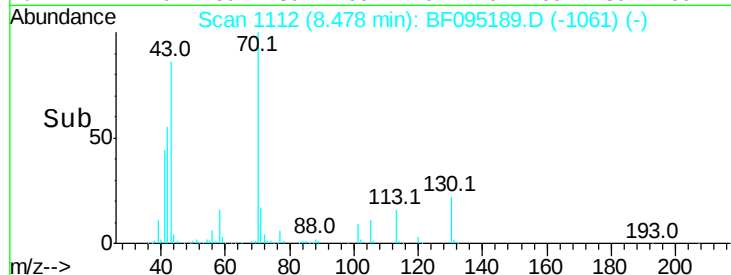
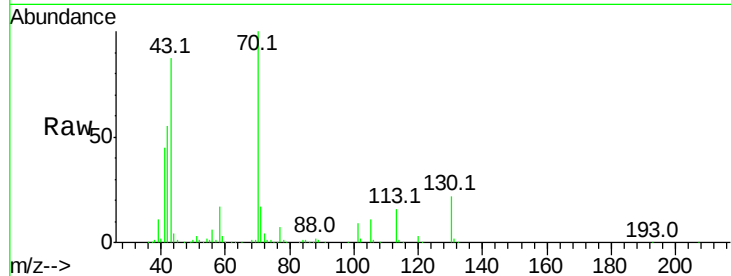
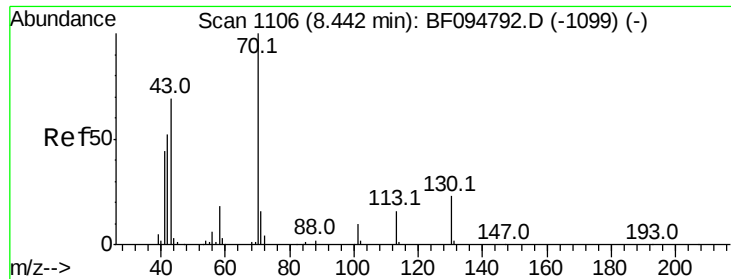
mohammad
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#18
Hexachloroethane
Concen: 42.26 ng
RT: 8.55 min Scan# 1124
Delta R.T. -0.00 min
Lab File: BF095189.D
Acq: 17 May 2017 17:25

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	96.8	77.4	116.0	
201	87.4	94.6	141.8#	





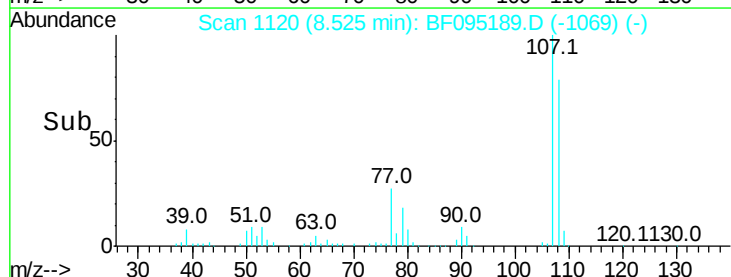
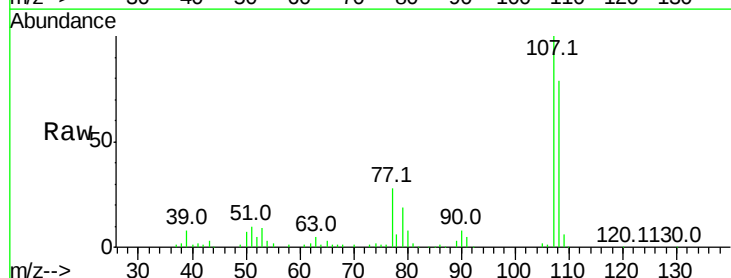
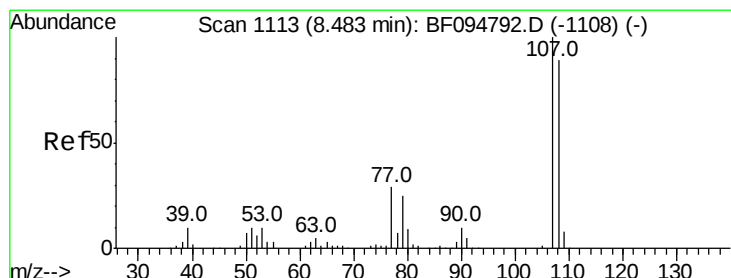
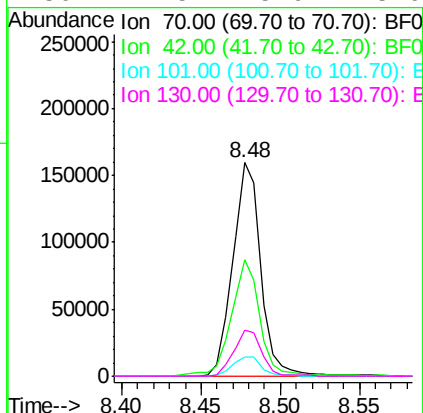
#19
n-Nitroso-di-n-propylamine
Concen: 44.40 ng
RT: 8.48 min Scan# 1112
Delta R.T. -0.00 min
Lab File: BF095189.D
Acq: 17 May 2017 17:25

Instrument :
BNA_F
ClientSampleID :
PB99021BS

Tot Ion	Ratio	Lower	Upper
70	100		
42	54.6	47.2	70.8
101	9.3	7.2	10.8
130	21.5	15.9	23.9

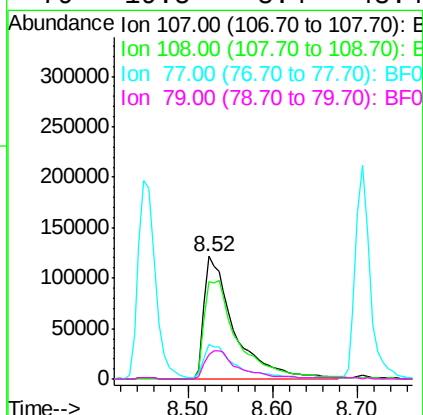
Manual Integrations
APPROVED

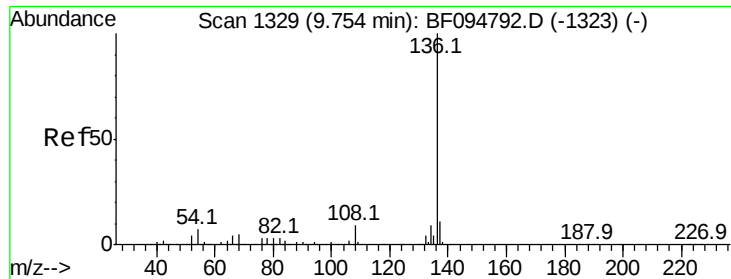
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#20
3+4-Methylphenols
Concen: 44.57 ng
RT: 8.52 min Scan# 1120
Delta R.T. -0.00 min
Lab File: BF095189.D
Acq: 17 May 2017 17:25

Tgt Ion	Ratio	Lower	Upper
107	100		
108	79.0	71.0	111.0
77	27.8	90.5	130.5#
79	19.5	8.4	48.4





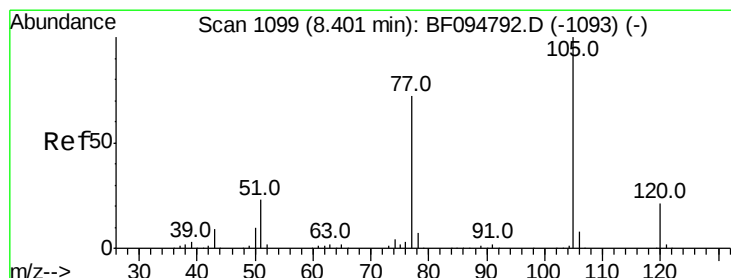
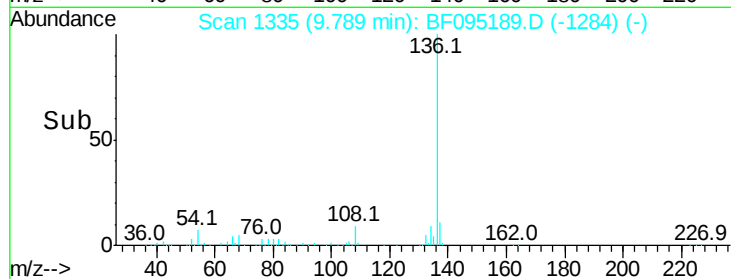
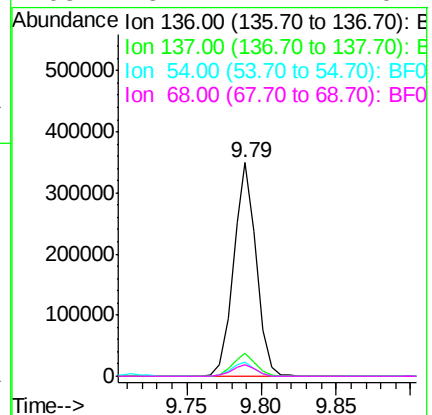
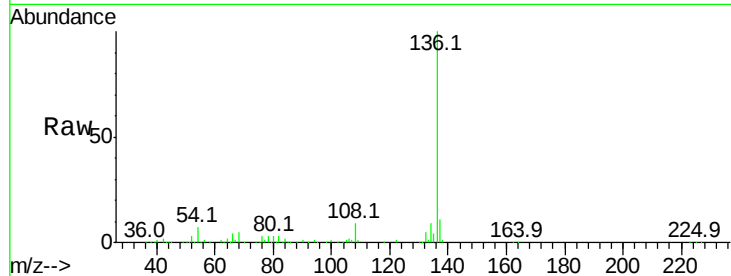
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 9.79 min Scan# 1335
Delta R.T. -0.00 min
Lab File: BF095189.D
Acq: 17 May 2017 17:25

Instrument :
BNA_F
ClientSampleId :
PB99021BS

Tot Ion	Ratio	Resp	Lower	Upper
136	100			
137	10.9	8.5	12.7	
54	6.6	4.9	7.3	
68	5.4	4.1	6.1	

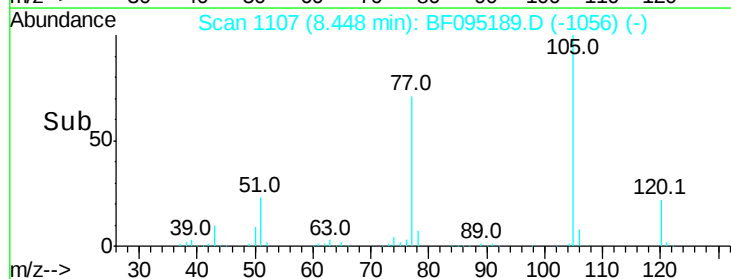
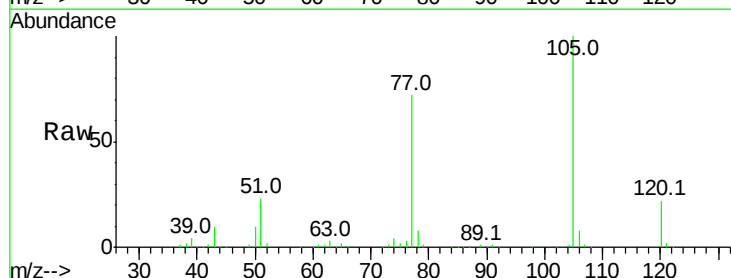
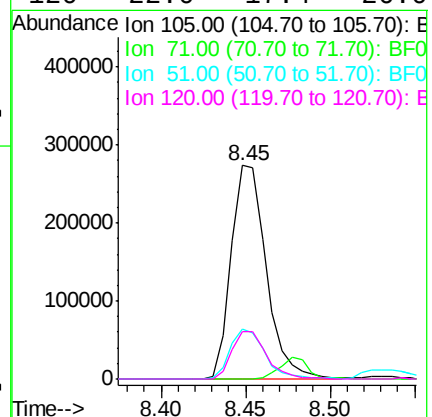
Manual Integrations
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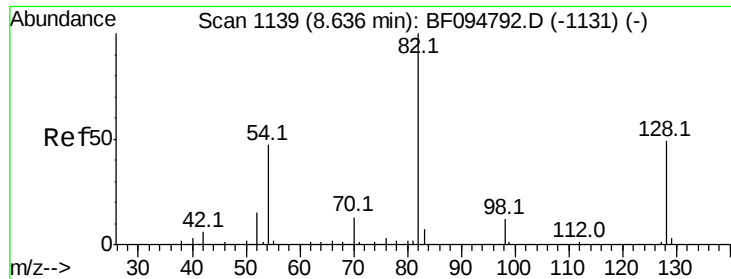
mohammad
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#22
Acetophenone
Concen: 44.62 ng
RT: 8.45 min Scan# 1107
Delta R.T. -0.00 min
Lab File: BF095189.D
Acq: 17 May 2017 17:25

Tgt Ion	Ratio	Resp	Lower	Upper
105	100			
71	0.0	2.8	4.2#	
51	23.2	30.7	46.1#	
120	22.0	17.4	26.0	





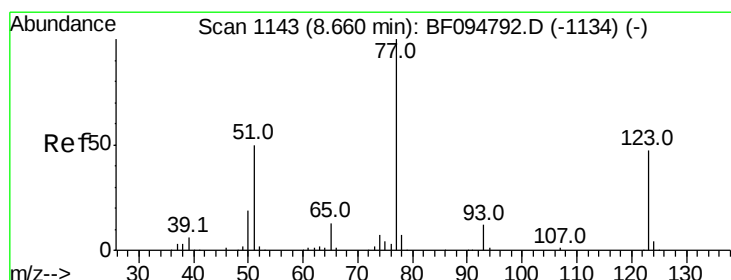
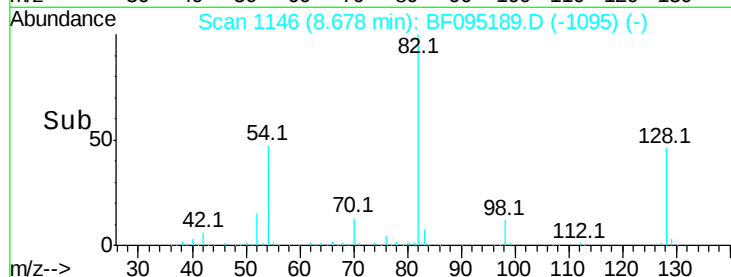
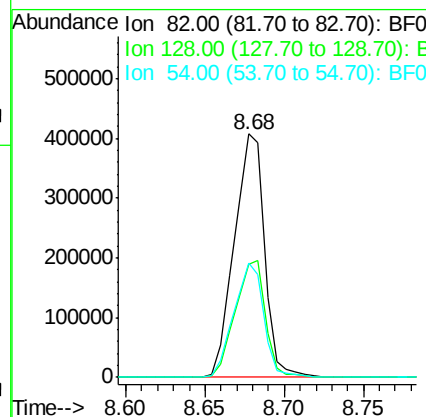
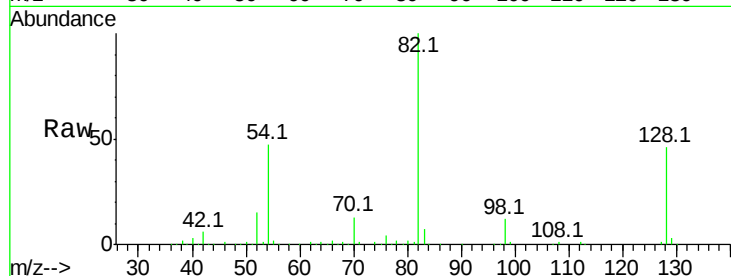
#23
 Nitrobenzene-d5
 Concen: 91.49 ng
 RT: 8.68 min Scan# 1146
 Delta R.T. -0.00 min
 Lab File: BF095189.D
 Acq: 17 May 2017 17:25

Instrument :
 BNA_F
 ClientSampleId :
 PB99021BS

Tot Ion	Ratio	Lower	Upper
82	100		
128	46.2	34.0	51.0
54	47.1	42.2	63.2

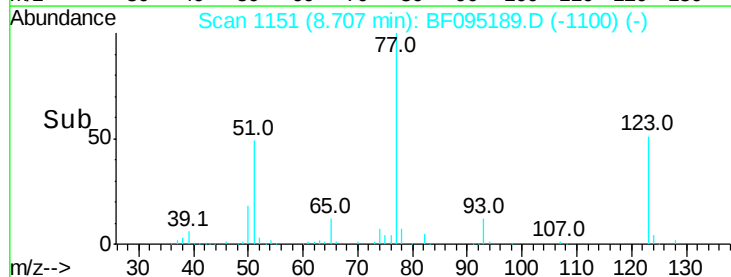
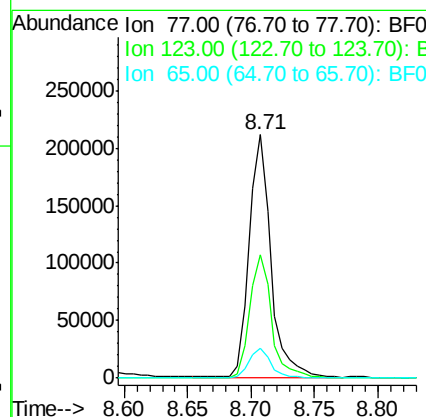
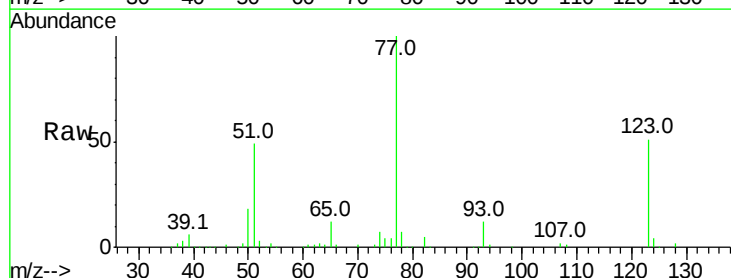
Manual Integrations
 APPROVED

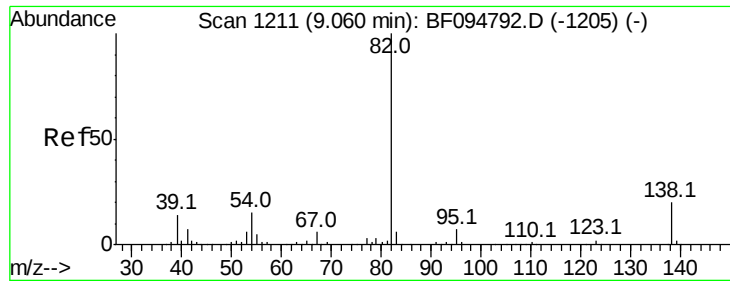
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#24
 Nitrobenzene
 Concen: 40.79 ng
 RT: 8.71 min Scan# 1151
 Delta R.T. -0.00 min
 Lab File: BF095189.D
 Acq: 17 May 2017 17:25

Tgt Ion	Ratio	Lower	Upper
77	100		
123	50.8	35.8	53.8
65	12.4	10.6	15.8





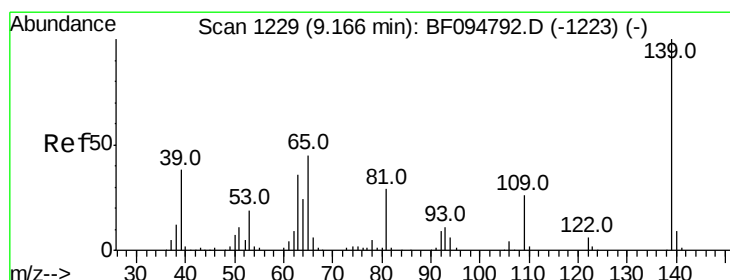
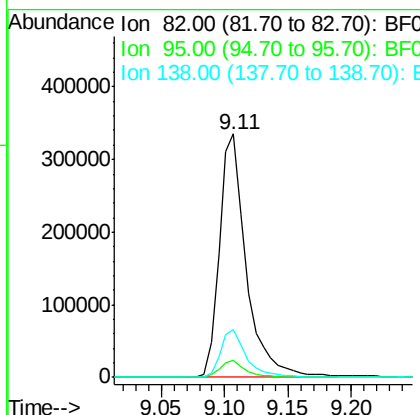
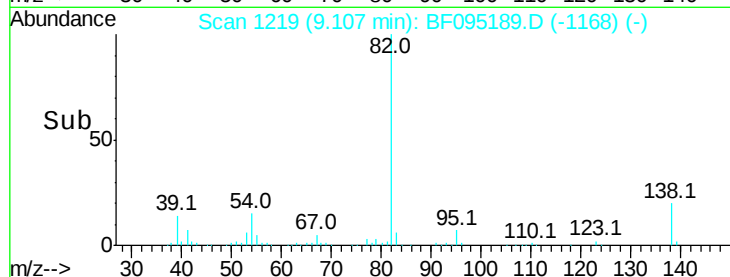
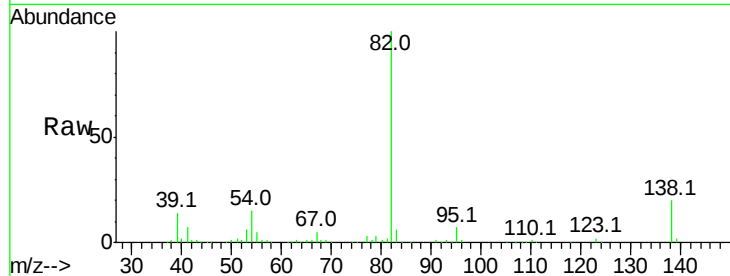
#25
Isophorone
Concen: 47.02 ng
RT: 9.11 min Scan# 1219
Delta R.T. -0.00 min
Lab File: BF095189.D
Acq: 17 May 2017 17:25

Instrument :
BNA_F
ClientSampleId :
PB99021BS

Tot Ion	Ratio	Resp	Lower	Upper
82	100			
95	6.9	5.3	7.9	
138	19.7	13.1	19.7	

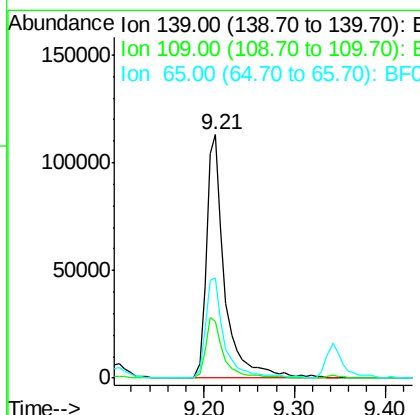
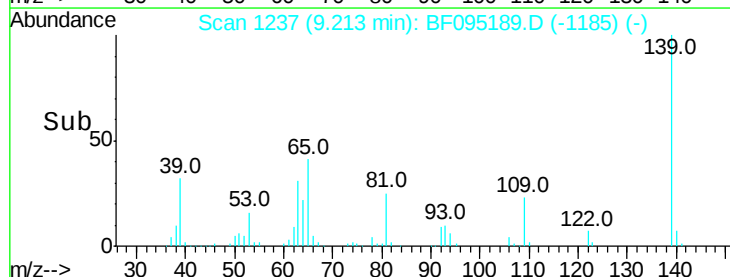
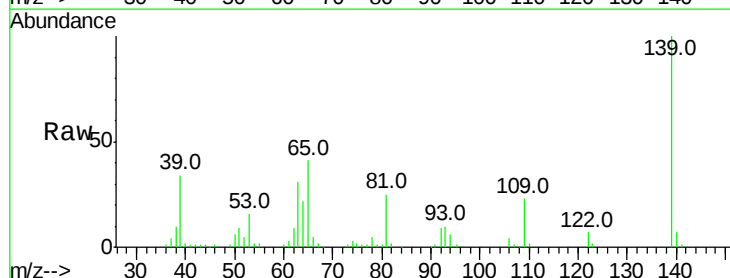
Manual Integrations
APPROVED

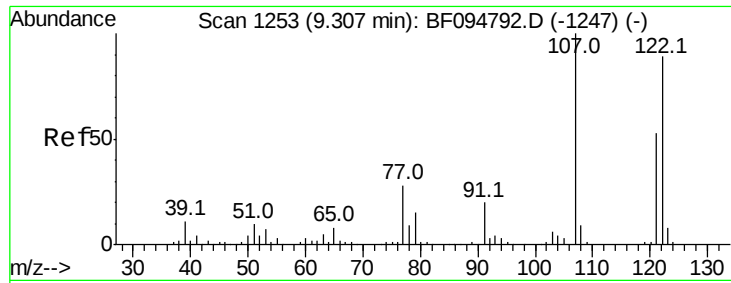
mohammad
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#26
2-Nitrophenol
Concen: 47.76 ng
RT: 9.21 min Scan# 1237
Delta R.T. 0.01 min
Lab File: BF095189.D
Acq: 17 May 2017 17:25

Tgt Ion	Ratio	Resp	Lower	Upper
139	100			
109	23.2	21.0	31.6	
65	41.3	33.0	49.6	





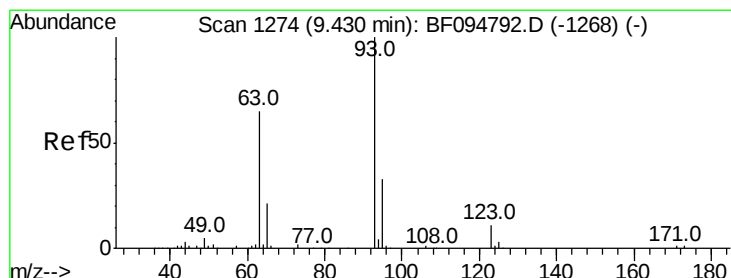
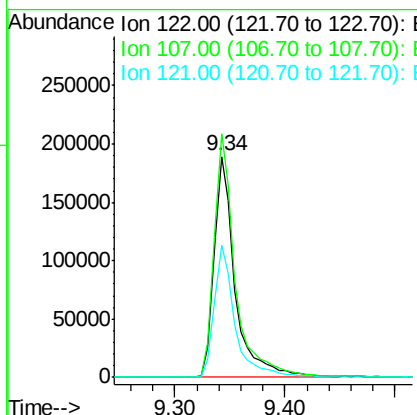
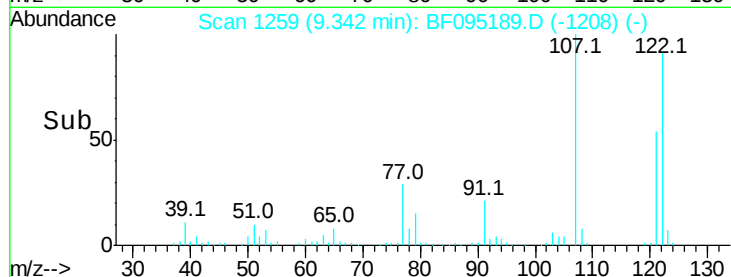
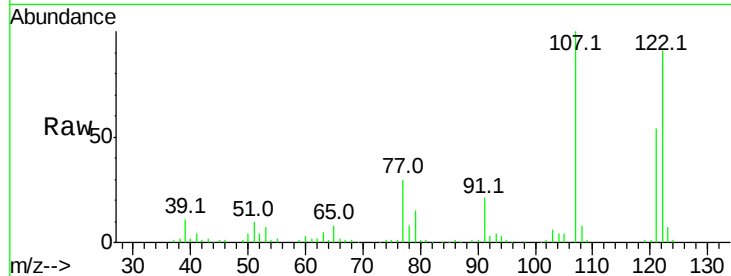
#27
 2,4-Dimethylphenol
 Concen: 46.43 ng
 RT: 9.34 min Scan# 1259
 Delta R.T. -0.00 min
 Lab File: BF095189.D
 Acq: 17 May 2017 17:25

Instrument :
 BNA_F
 ClientSampled :
 PB99021BS

Tot Ion:	122	Resp:	249396
Ion Ratio	Lower	Upper	
122	100		
107	110.4	89.2	133.8
121	59.7	45.2	67.8

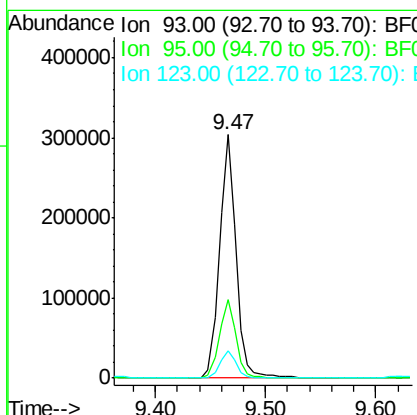
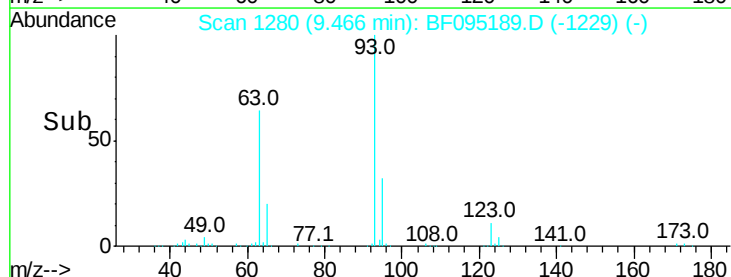
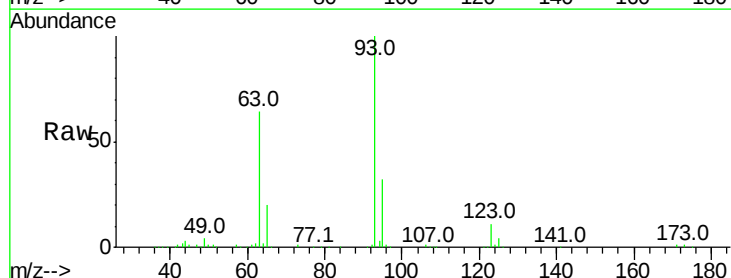
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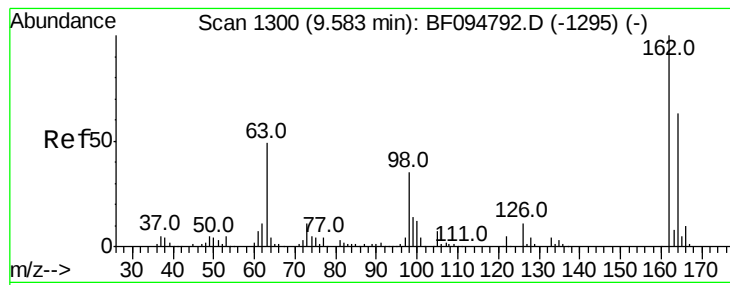
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#28
 bis(2-Chloroethoxy)methane
 Concen: 43.59 ng
 RT: 9.47 min Scan# 1280
 Delta R.T. -0.00 min
 Lab File: BF095189.D
 Acq: 17 May 2017 17:25

Tgt Ion:	93	Resp:	316251
Ion Ratio	Lower	Upper	
93	100		
95	32.3	26.5	39.7
123	11.3	9.0	13.4





#29

2,4-Dichlorophenol

Concen: 45.32 ng

RT: 9.63 min Scan# 1308

Delta R.T. -0.00 min

Lab File: BF095189.D

Acq: 17 May 2017 17:25

Instrument :

BNA_F

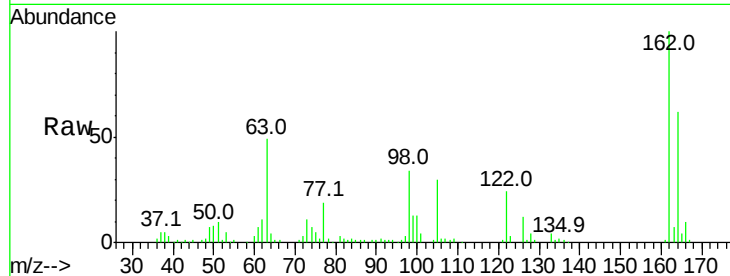
ClientSampleId :

PB99021BS

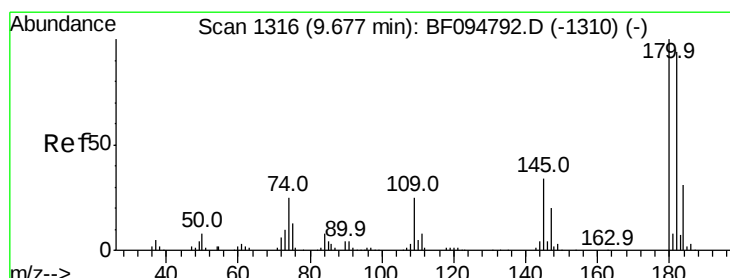
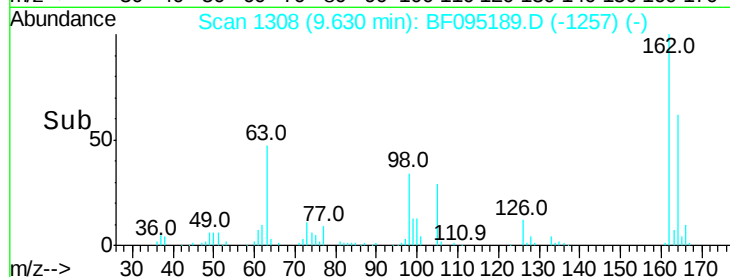
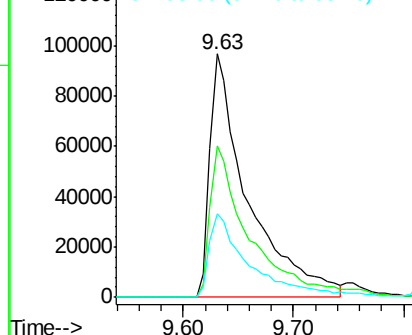
Tot Ion:	162	Resp:	229824
Ion Ratio	Lower	Upper	
162	100		
164	62.4	44.6	84.6
98	34.4	14.8	54.8

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Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): BF0



#30

1,2,4-Trichlorobenzene

Concen: 43.20 ng

RT: 9.71 min Scan# 1322

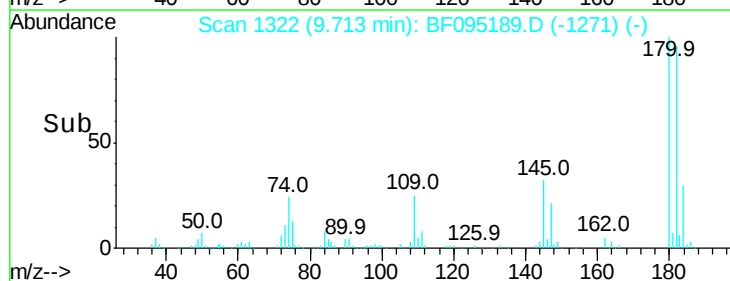
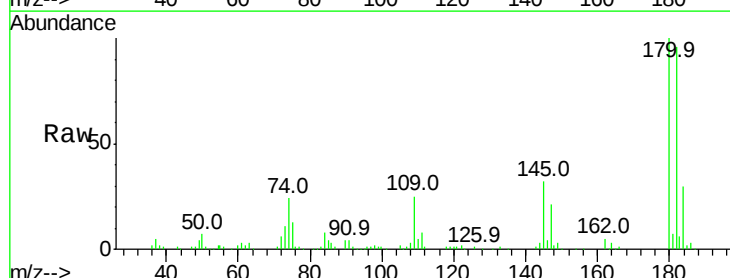
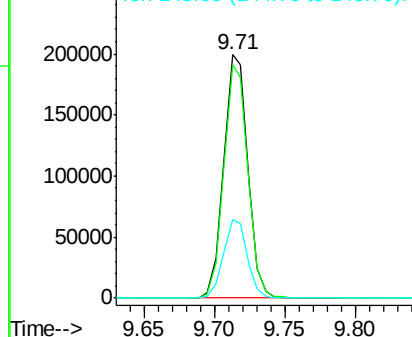
Delta R.T. -0.00 min

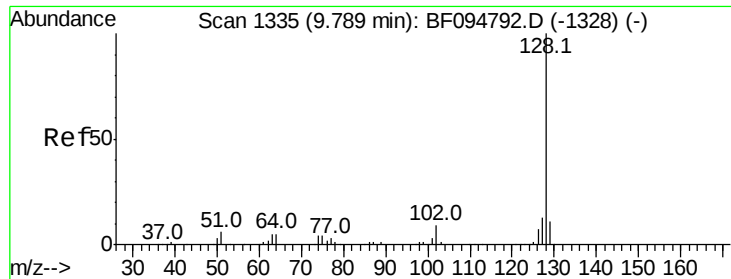
Lab File: BF095189.D

Acq: 17 May 2017 17:25

Tgt Ion:	180	Resp:	234718
Ion Ratio	Lower	Upper	
180	100		
182	95.8	75.8	113.6
145	32.5	25.3	37.9

Abundance Ion 180.00 (179.70 to 180.70): E
Ion 182.00 (181.70 to 182.70): E
Ion 145.00 (144.70 to 145.70): E





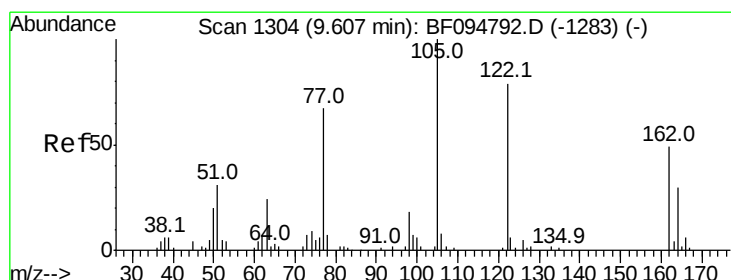
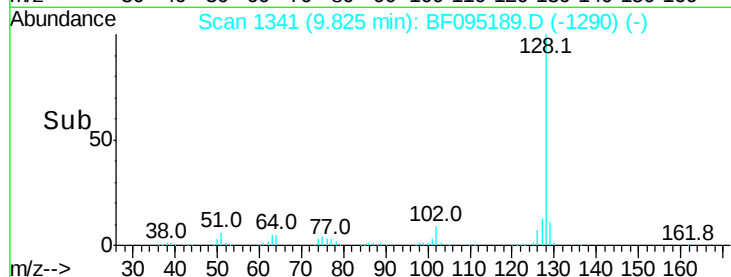
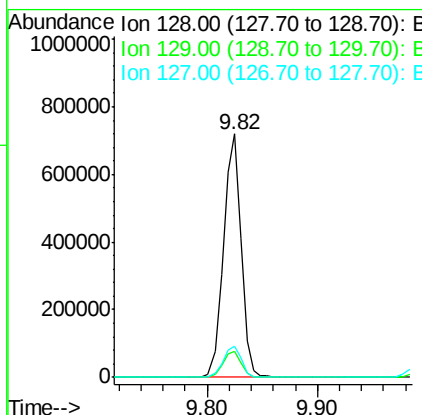
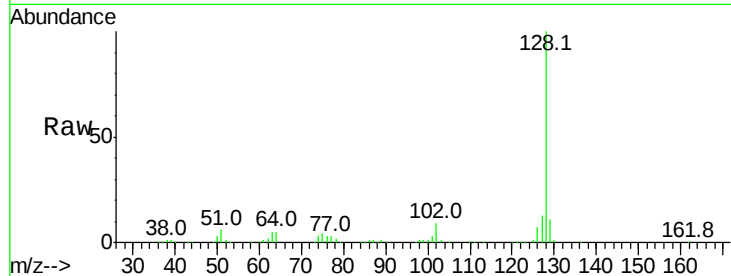
#31
Naphthalene
Concen: 43.14 ng
RT: 9.82 min Scan# 1341
Delta R.T. -0.00 min
Lab File: BF095189.D
Acq: 17 May 2017 17:25

Instrument :
BNA_F
ClientSampleId :
PB99021BS

Tot Ion	Ratio	Lower	Upper
128	100		
129	10.9	9.0	13.6
127	13.0	10.8	16.2

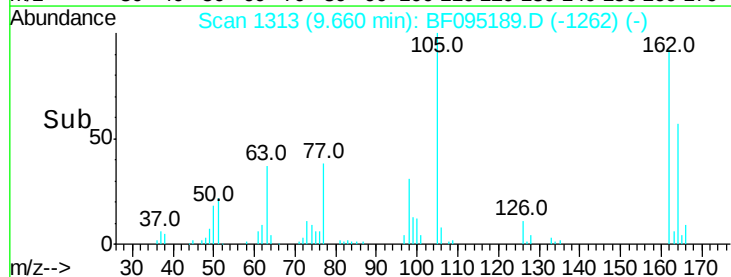
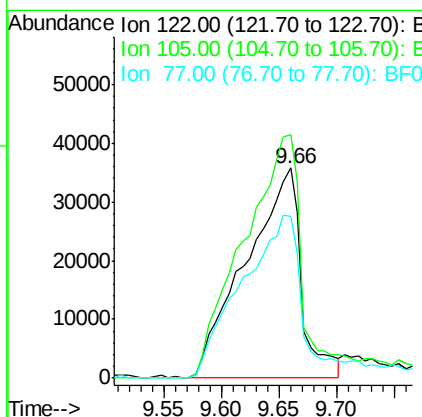
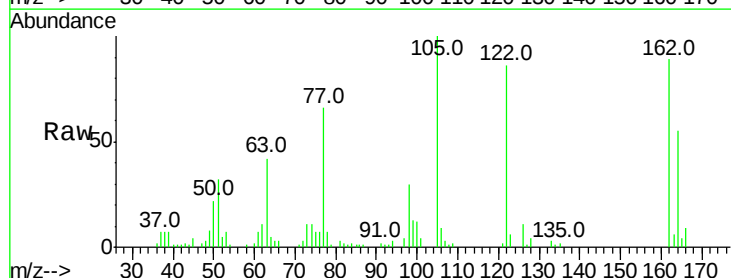
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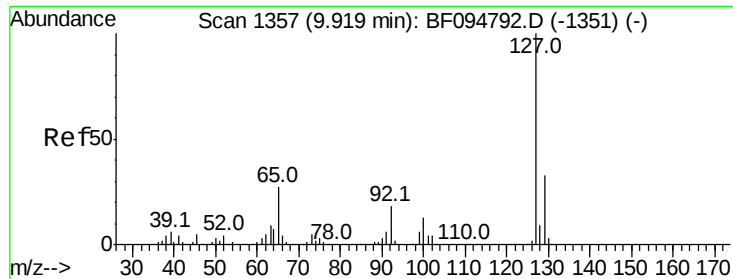
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#32
Benzoic acid
Concen: 35.32 ng
RT: 9.66 min Scan# 1313
Delta R.T. -0.00 min
Lab File: BF095189.D
Acq: 17 May 2017 17:25

Tgt Ion	Ratio	Lower	Upper
122	100		
105	116.1	103.3	143.3
77	77.1	73.7	113.7





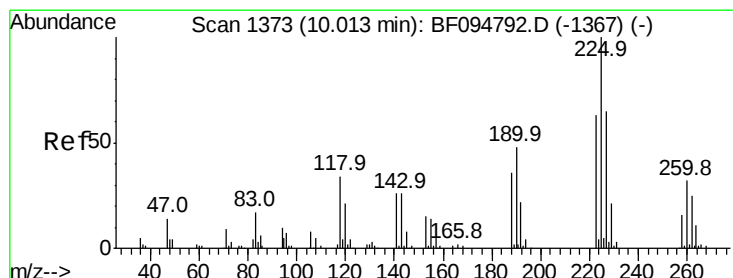
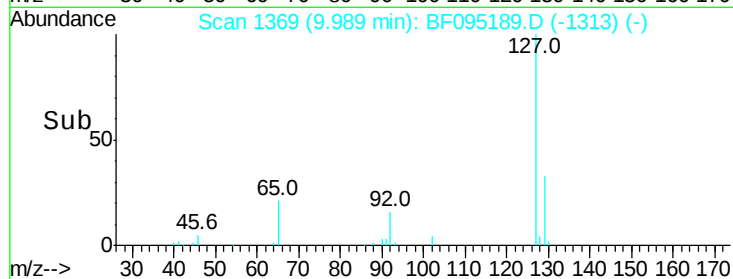
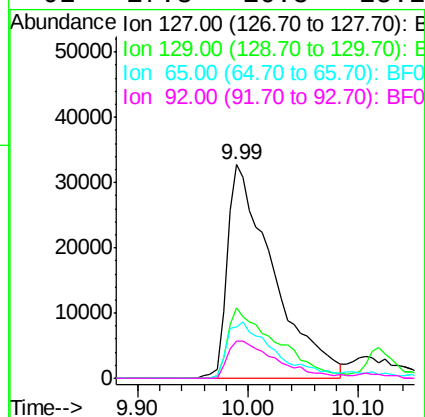
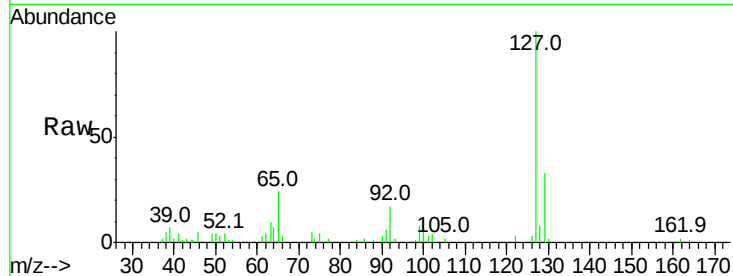
#33
4-Chloroaniline
Concen: 13.70 ng
RT: 9.99 min Scan# 1369
Delta R.T. 0.03 min
Lab File: BF095189.D
Acq: 17 May 2017 17:25

Instrument :
BNA_F
ClientSampleId :
PB99021BS

Tot Ion	Ratio	Resp	Lower	Upper
127	100			
129	32.7	26.2	39.2	
65	24.2	27.8	41.8	
92	17.3	16.8	25.2	

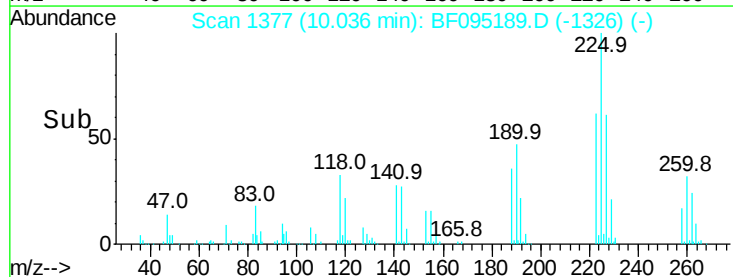
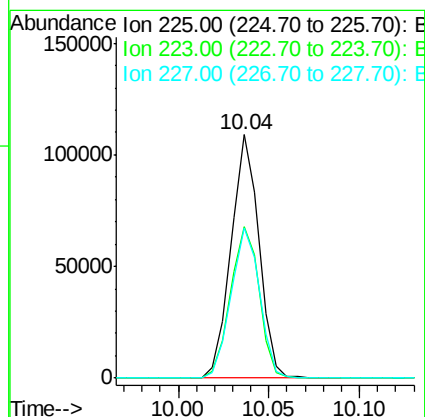
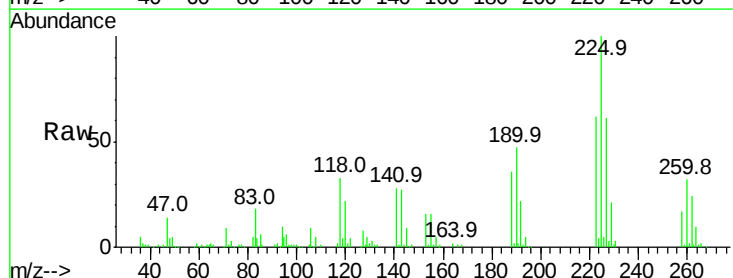
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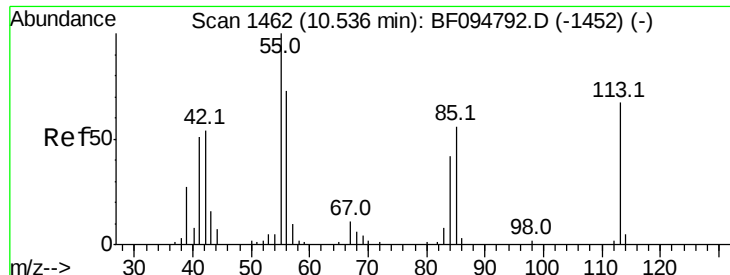
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#34
Hexachlorobutadiene
Concen: 40.77 ng
RT: 10.04 min Scan# 1377
Delta R.T. -0.00 min
Lab File: BF095189.D
Acq: 17 May 2017 17:25

Tgt Ion	Ratio	Resp	Lower	Upper
225	100			
223	62.0	48.8	73.2	
227	61.5	51.1	76.7	





#35

Caprolactam

Concen: 43.01 ng/mL

RT: 10.60 min Scan# 1473

Delta R.T. 0.01 min

Lab File: BF095189.D

Acq: 17 May 2017 17:25

Instrument :

BNA_F

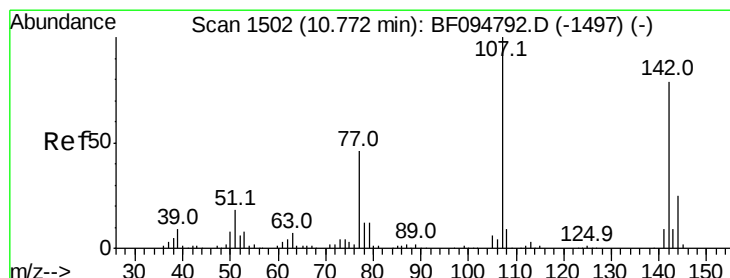
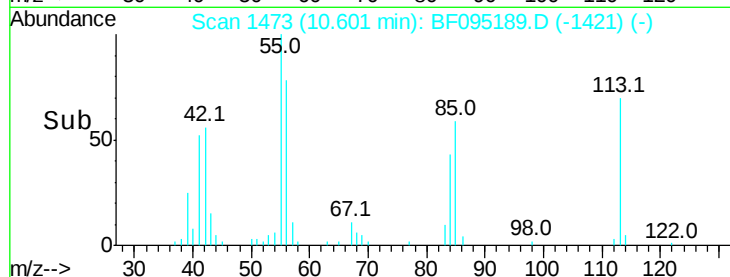
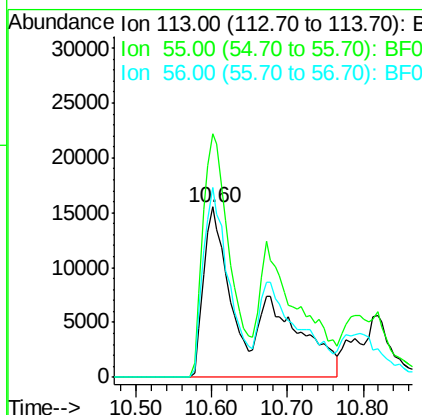
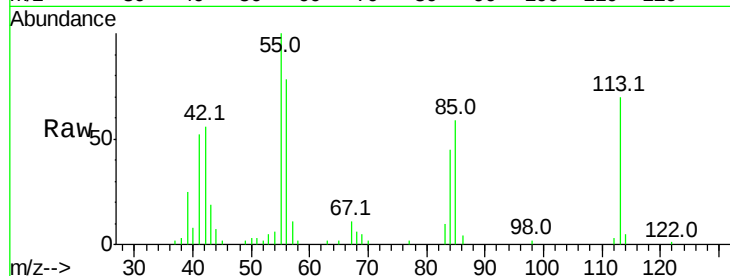
ClientSampleID :

PB99021BS

Tot Ion:113 Resp: 65506
 Ion Ratio Lower Upper
 113 100
 55 143.2 150.2 190.2#
 56 111.9 107.8 147.8

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#36

4-Chloro-3-methylphenol

Concen: 46.75 ng/mL

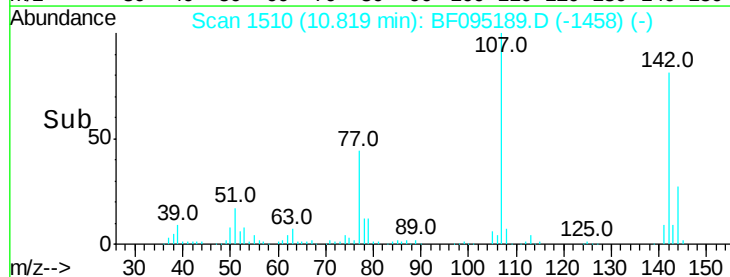
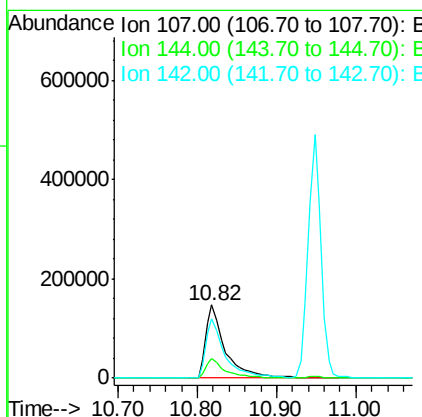
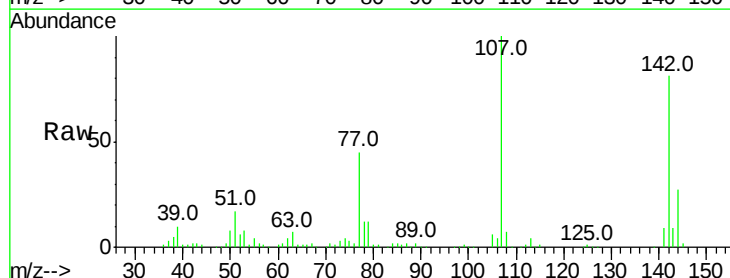
RT: 10.82 min Scan# 1510

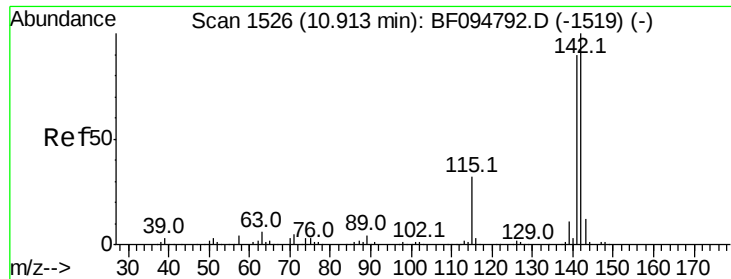
Delta R.T. 0.01 min

Lab File: BF095189.D

Acq: 17 May 2017 17:25

Tgt Ion:107 Resp: 253511
 Ion Ratio Lower Upper
 107 100
 144 26.5 24.2 36.4
 142 81.0 73.4 110.0





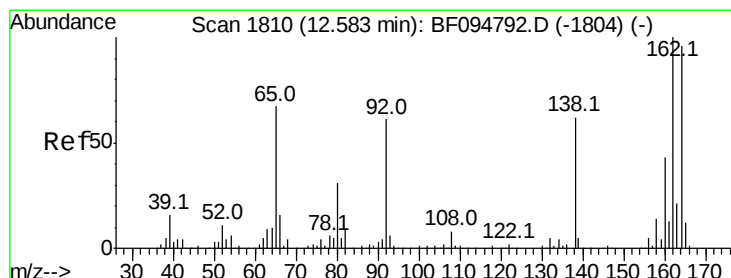
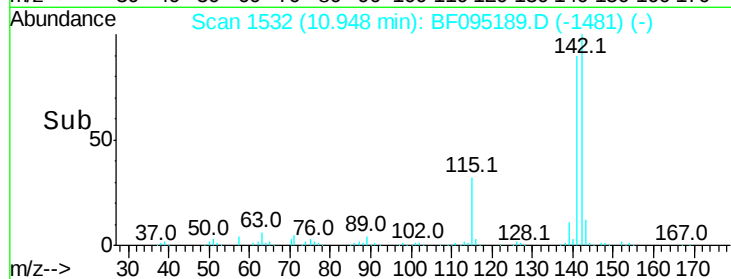
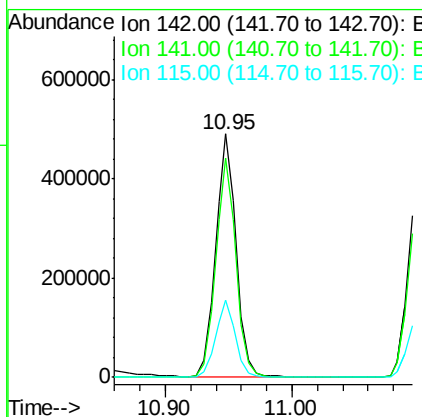
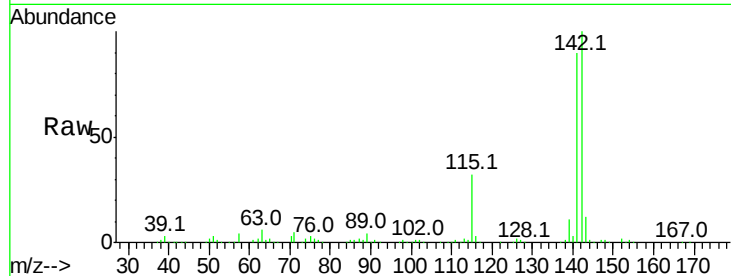
#37
2-Methylnaphthalene
Concen: 45.30 ng
RT: 10.95 min Scan# 1532
Delta R.T. -0.00 min
Lab File: BF095189.D
Acq: 17 May 2017 17:25

Instrument :
BNA_F
ClientSampleId :
PB99021BS

Tot Ion	Ratio	Lower	Upper
142	100		
141	90.0	71.3	106.9
115	31.5	27.1	40.7

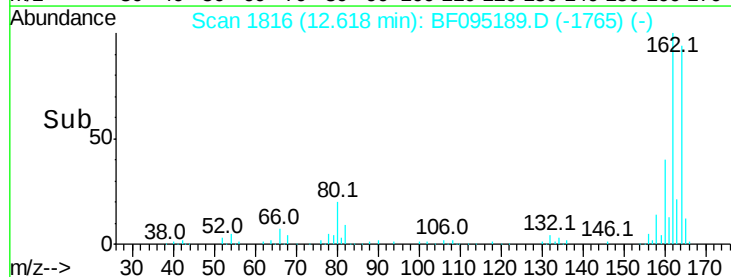
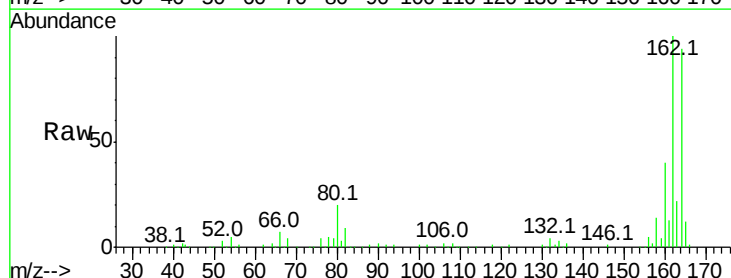
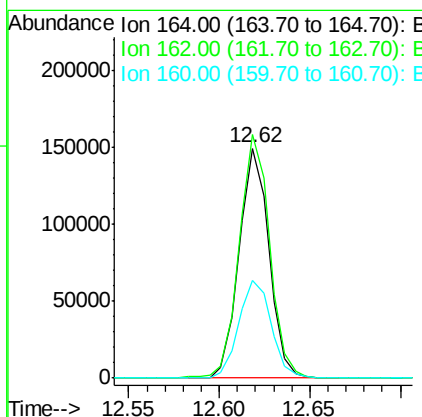
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#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 12.62 min Scan# 1816
Delta R.T. -0.00 min
Lab File: BF095189.D
Acq: 17 May 2017 17:25

Tgt Ion	Ratio	Lower	Upper
164	100		
162	105.9	82.6	123.8
160	42.5	36.2	54.2





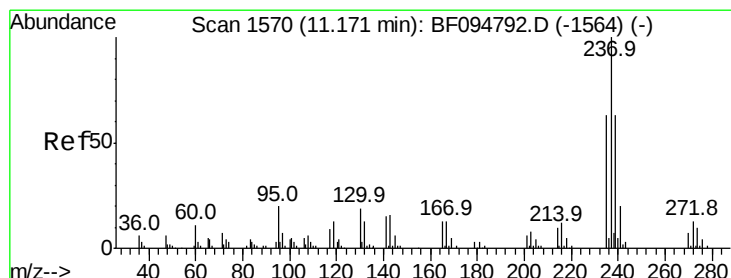
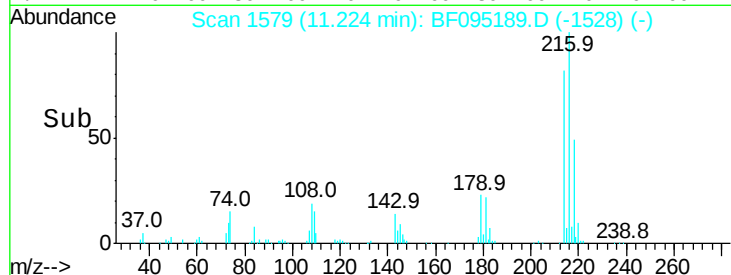
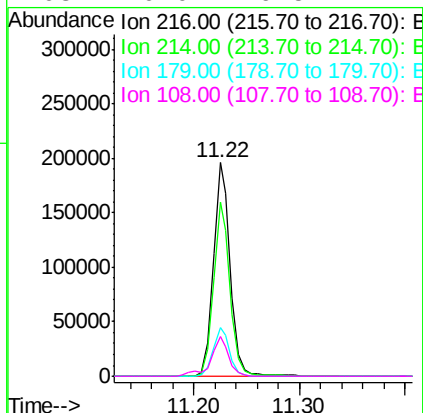
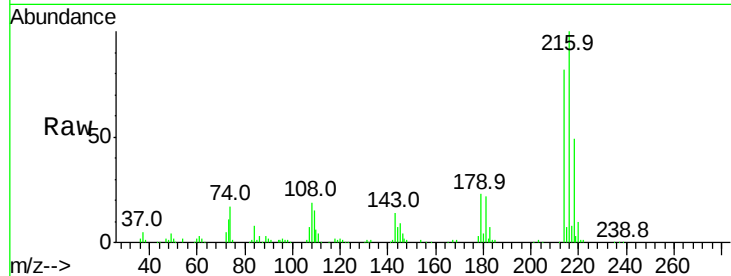
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 41.81 ng
 RT: 11.22 min Scan# 1579
 Delta R.T. -0.00 min
 Lab File: BF095189.D
 Acq: 17 May 2017 17:25

Instrument :
 BNA_F
 ClientSampleId :
 PB99021BS

Tot Ion	Ratio	Resp	Lower	Upper
216	100	219824		
214	80.0	63.4	95.2	
179	22.2	17.9	26.9	
108	20.0	16.5	24.7	

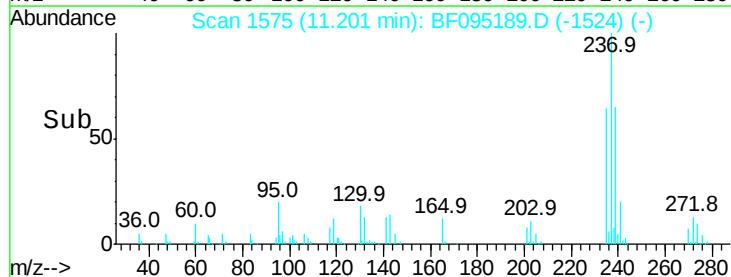
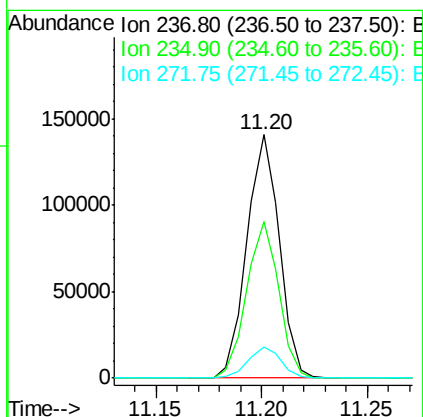
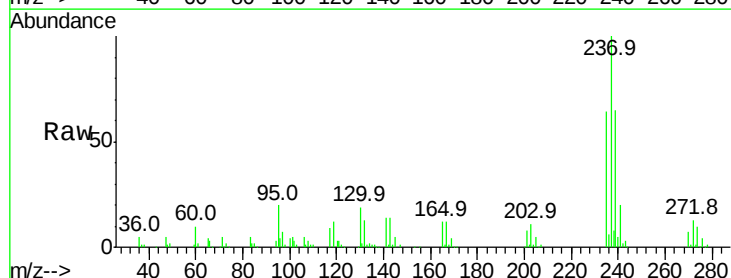
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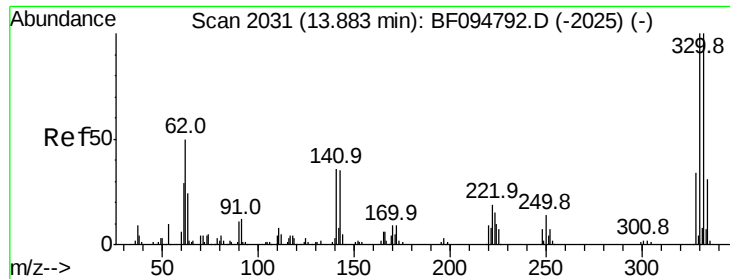
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#40
 Hexachlorocyclopentadiene
 Concen: 68.90 ng
 RT: 11.20 min Scan# 1575
 Delta R.T. -0.00 min
 Lab File: BF095189.D
 Acq: 17 May 2017 17:25

Tgt Ion	Ratio	Resp	Lower	Upper
237	100	150303		
235	64.5	42.6	82.6	
272	13.0	0.0	31.9	





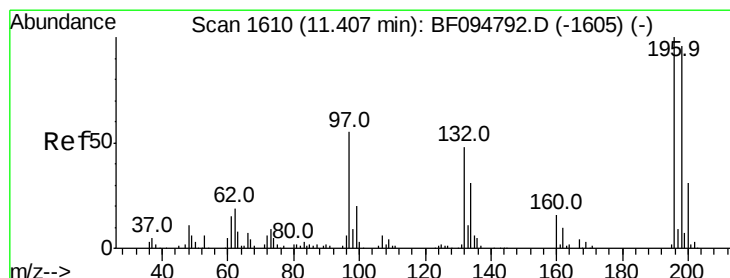
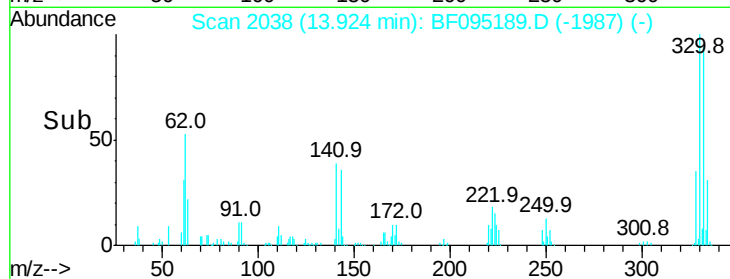
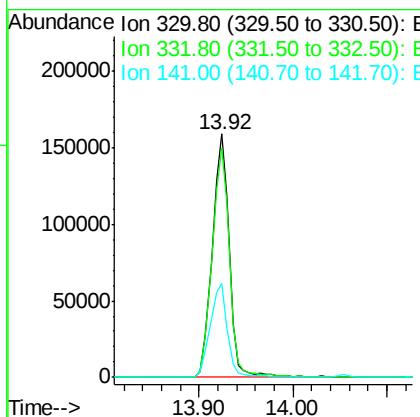
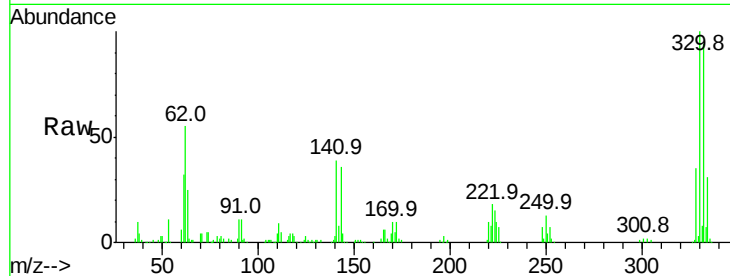
#41
 2,4,6-Tribromophenol
 Concen: 145.85 ng
 RT: 13.92 min Scan# 2038
 Delta R.T. -0.00 min
 Lab File: BF095189.D
 Acq: 17 May 2017 17:25

Instrument :
 BNA_F
 ClientSampleId :
 PB99021BS

Tot Ion	Ratio	Resp	Lower	Upper
330	100	204229		
332	96.1	76.6	115.0	
141	39.1	31.4	47.2	

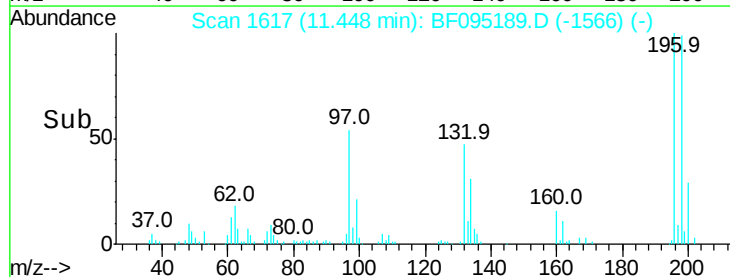
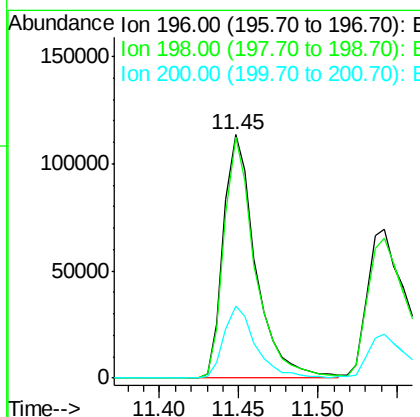
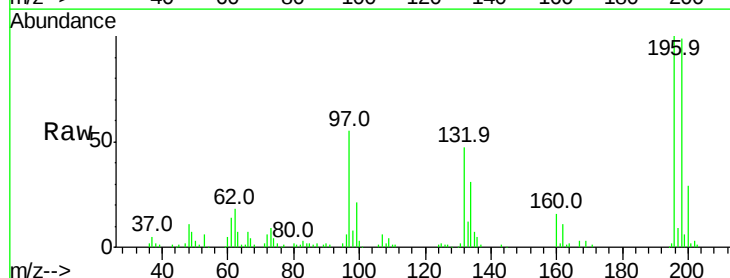
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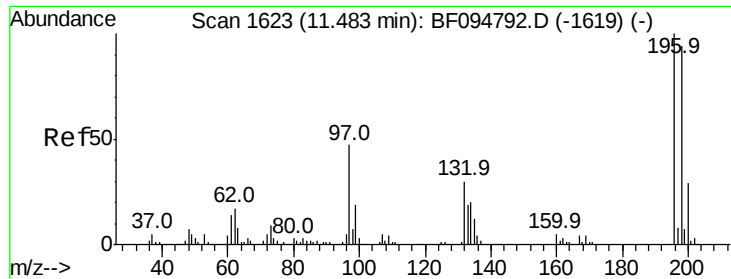
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#42
 2,4,6-Trichlorophenol
 Concen: 45.71 ng
 RT: 11.45 min Scan# 1617
 Delta R.T. -0.00 min
 Lab File: BF095189.D
 Acq: 17 May 2017 17:25

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	160483		
198	99.0	74.2	111.4	
200	29.5	24.0	36.0	





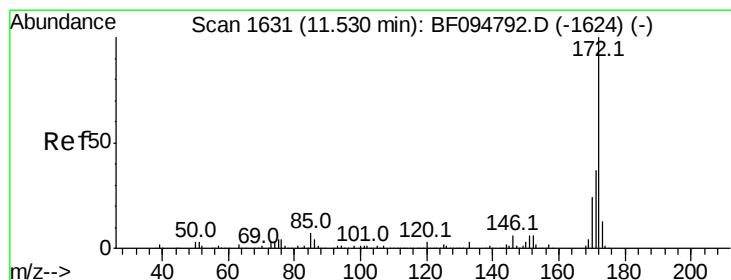
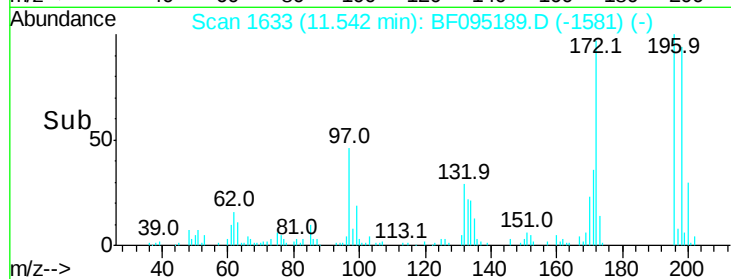
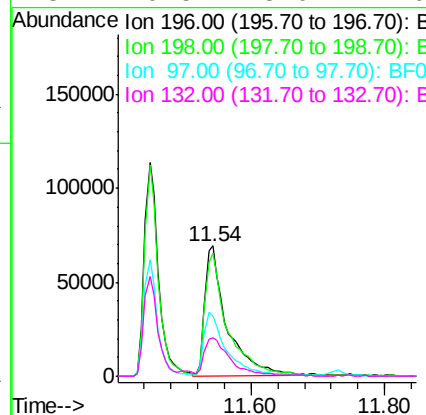
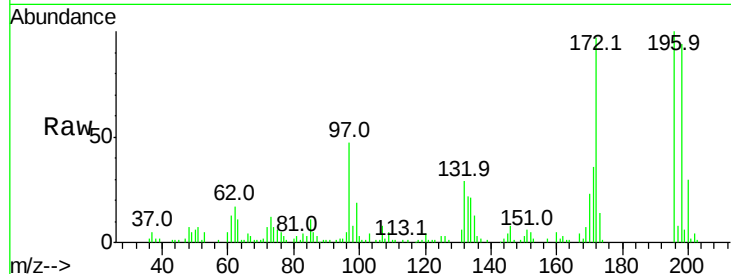
#43
 2,4,5-Trichlorophenol
 Concen: 41.82 ng
 RT: 11.54 min Scan# 1633
 Delta R.T. 0.01 min
 Lab File: BF095189.D
 Acq: 17 May 2017 17:25

Instrument :
 BNA_F
 ClientSampleId :
 PB99021BS

Tot Ion	Ratio	Resp	Lower	Upper
196	100	157813		
198	94.4	75.7	113.5	
97	46.7	47.7	71.5#	
132	29.5	28.0	42.0	

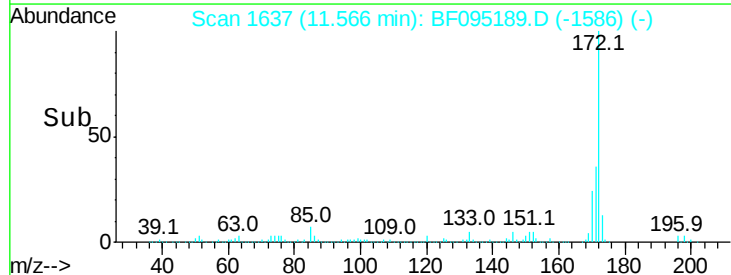
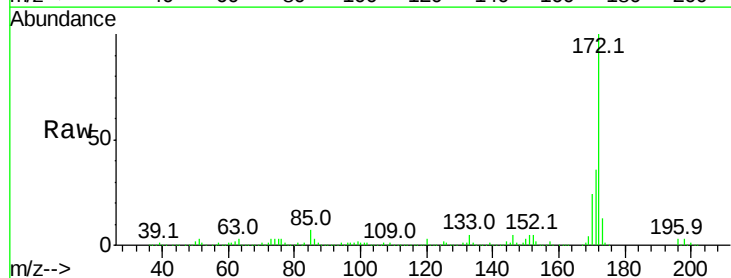
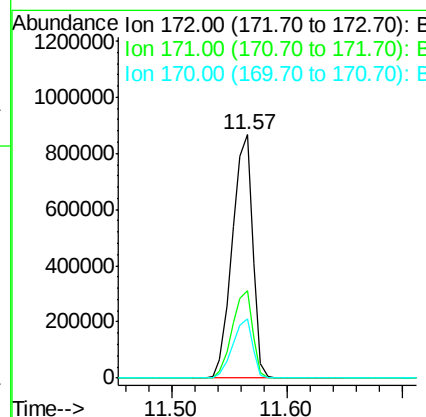
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#44
 2-Fluorobiphenyl
 Concen: 89.50 ng
 RT: 11.57 min Scan# 1637
 Delta R.T. -0.00 min
 Lab File: BF095189.D
 Acq: 17 May 2017 17:25

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	1063203		
171	36.1	29.6	44.4	
170	24.2	19.8	29.8	





#45

1,1'-Biphenyl

Concen: 43.93 ng

RT: 11.71 min Scan# 1662

Delta R.T. -0.00 min

Lab File: BF095189.D

Acq: 17 May 2017 17:25

Instrument :

BNA_F

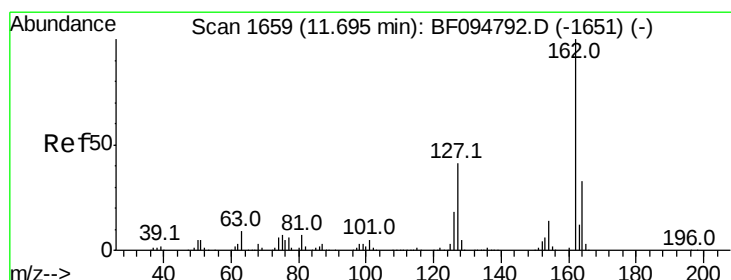
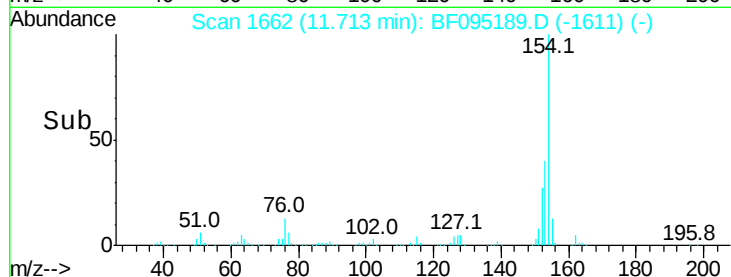
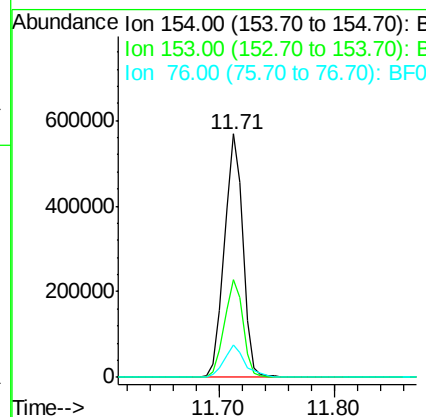
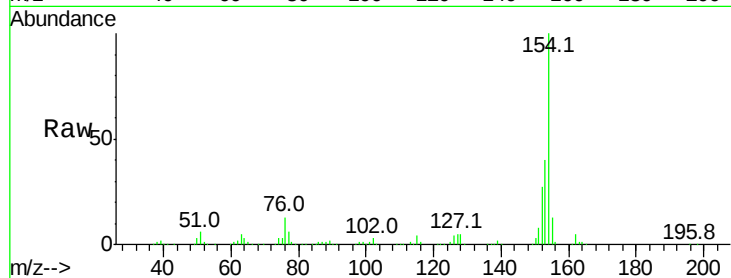
ClientSampleId :

PB99021BS

Tot Ion:	154	Resp:	632327
Ion Ratio	Lower	Upper	
154	100		
153	40.3	21.2	61.2
76	13.2	0.0	29.9

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#46

2-Chloronaphthalene

Concen: 43.68 ng

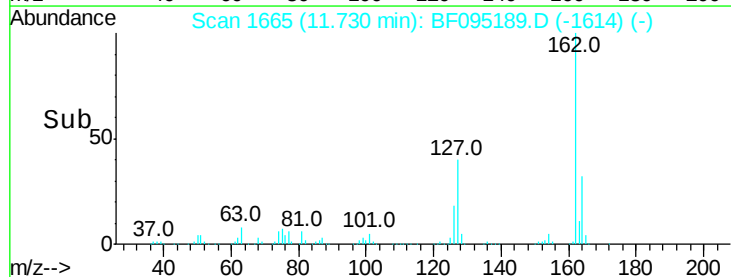
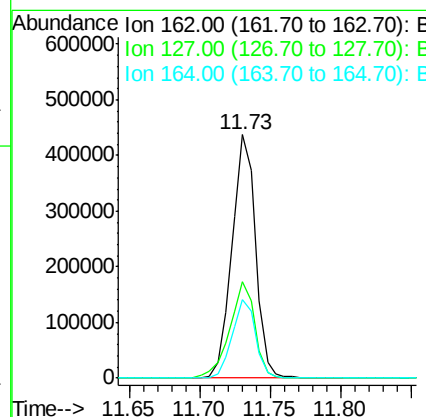
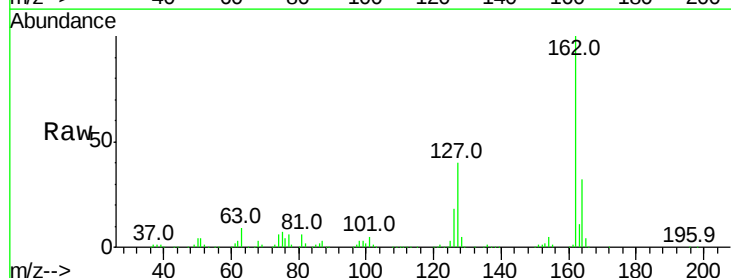
RT: 11.73 min Scan# 1665

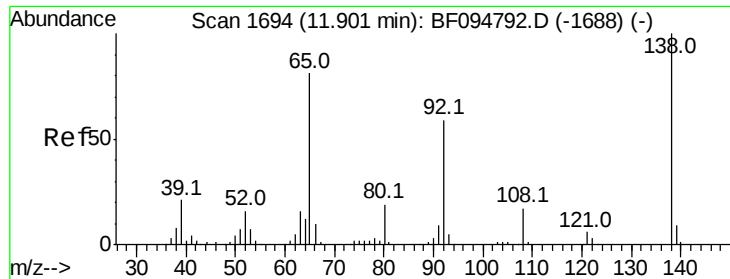
Delta R.T. -0.00 min

Lab File: BF095189.D

Acq: 17 May 2017 17:25

Tgt Ion:	162	Resp:	507747
Ion Ratio	Lower	Upper	
162	100		
127	39.6	28.3	42.5
164	32.0	27.0	40.4





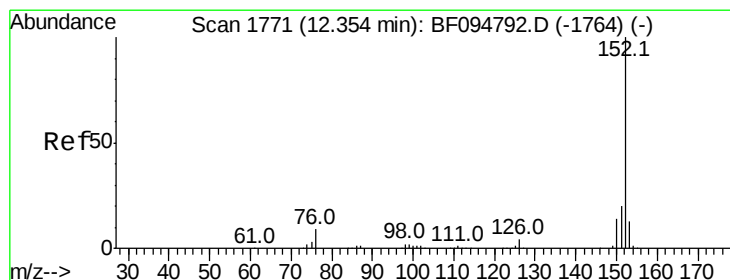
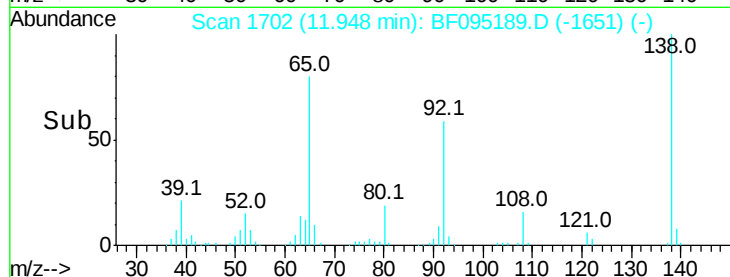
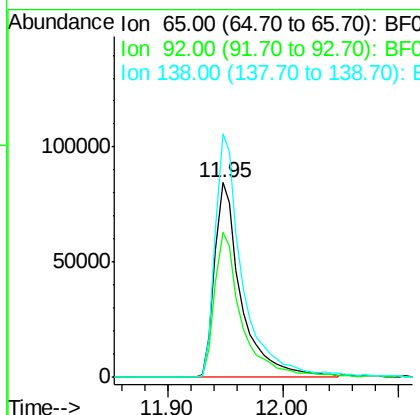
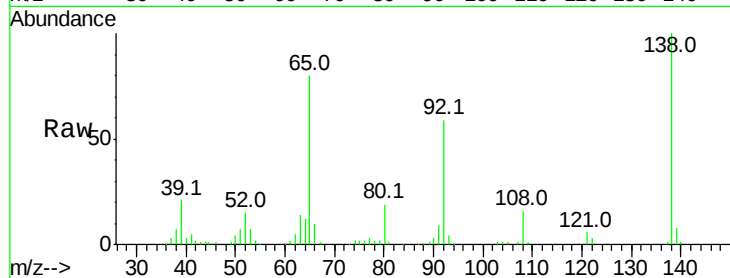
#47
 2-Nitroaniline
 Concen: 42.59 ng
 RT: 11.95 min Scan# 1702
 Delta R.T. -0.00 min
 Lab File: BF095189.D
 Acq: 17 May 2017 17:25

Instrument :
 BNA_F
 ClientSampleId :
 PB99021BS

Tot Ion	Ratio	Resp	Lower	Upper
65	100	135513		
92	74.3	53.9	80.9	
138	125.1	78.8	118.2	

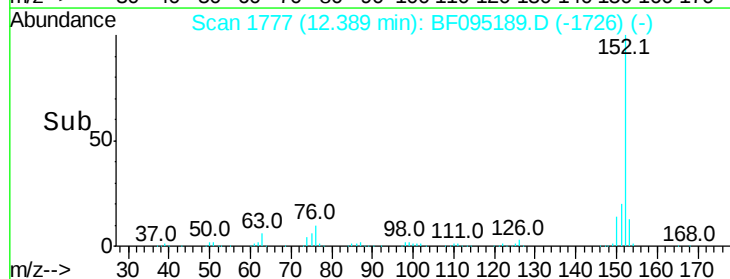
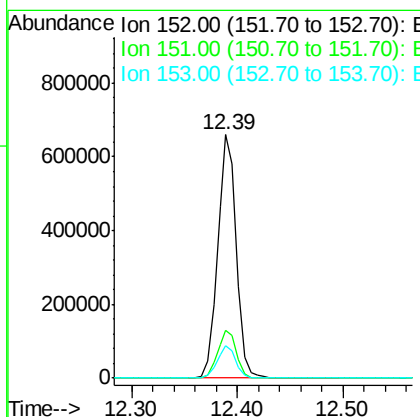
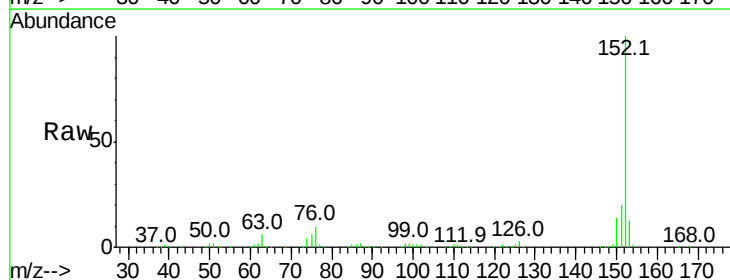
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#48
 Acenaphthylene
 Concen: 44.63 ng
 RT: 12.39 min Scan# 1777
 Delta R.T. -0.00 min
 Lab File: BF095189.D
 Acq: 17 May 2017 17:25

Tgt Ion	Ratio	Resp	Lower	Upper
152	100	812500		
151	19.8	16.8	25.2	
153	13.1	10.8	16.2	





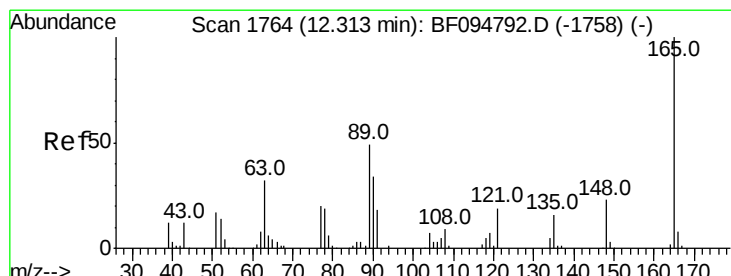
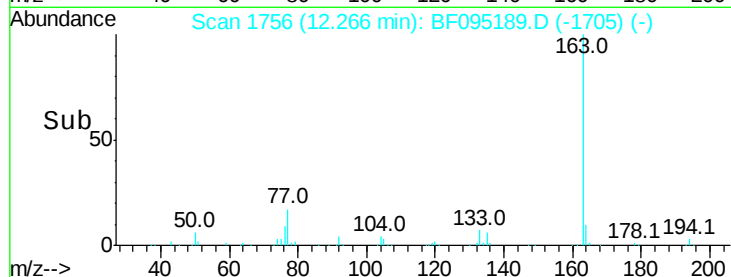
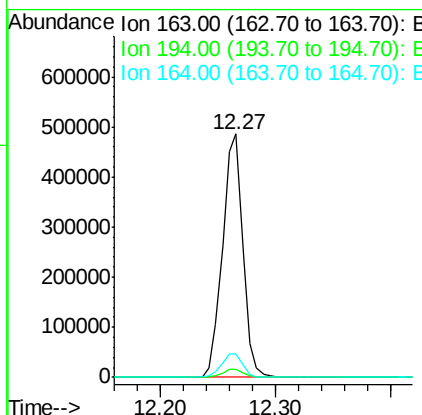
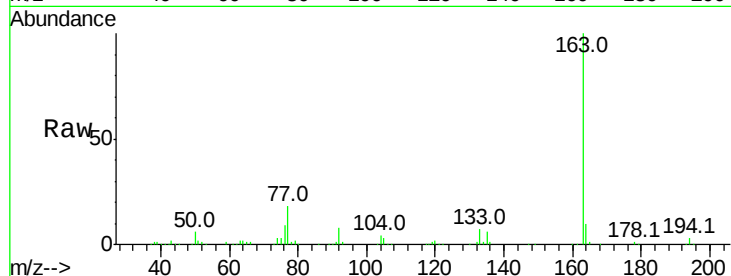
#49
Dimethylphthalate
Concen: 42.12 ng
RT: 12.27 min Scan# 1756
Delta R.T. -0.00 min
Lab File: BF095189.D
Acq: 17 May 2017 17:25

Instrument :
BNA_F
ClientSampleId :
PB99021BS

Tot Ion	Ratio	Resp Lower	Resp Upper
163	100		
194	3.4	2.6	4.0
164	9.6	8.4	12.6

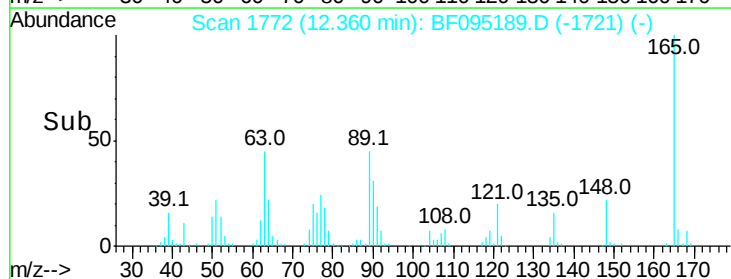
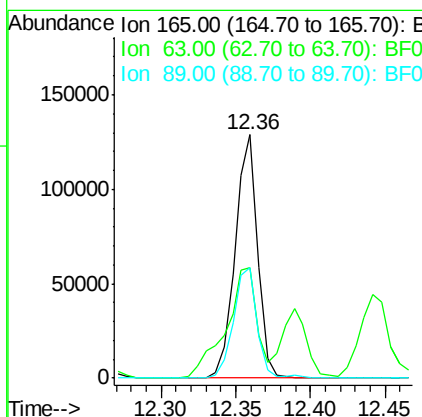
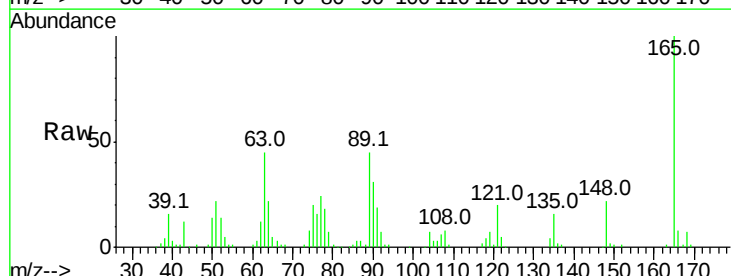
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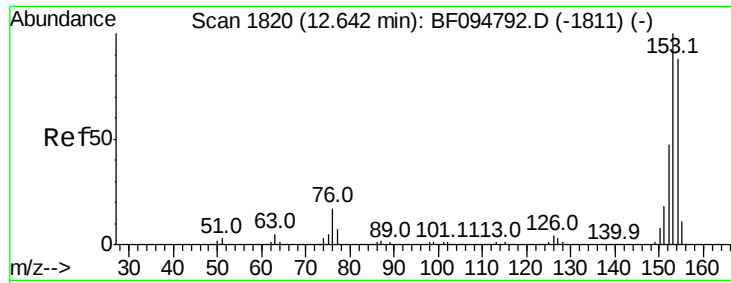
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#50
2,6-Dinitrotoluene
Concen: 47.23 ng
RT: 12.36 min Scan# 1772
Delta R.T. -0.00 min
Lab File: BF095189.D
Acq: 17 May 2017 17:25

Tgt Ion	Ratio	Resp Lower	Resp Upper
165	100		
63	45.5	34.3	51.5
89	45.2	37.1	55.7





#51

Acenaphthene

Concen: 44.10 ng

RT: 12.68 min Scan# 1826

Delta R.T. -0.00 min

Lab File: BF095189.D

Acq: 17 May 2017 17:25

Instrument :

BNA_F

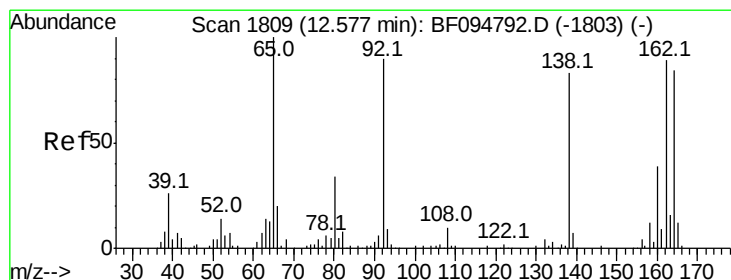
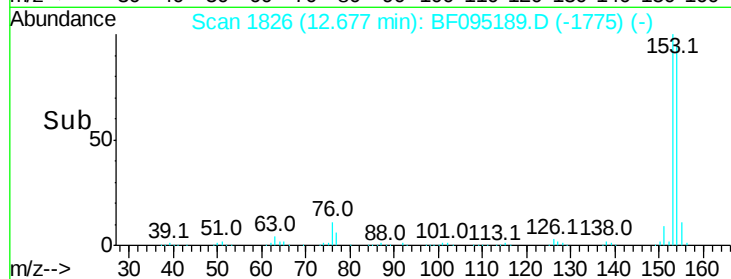
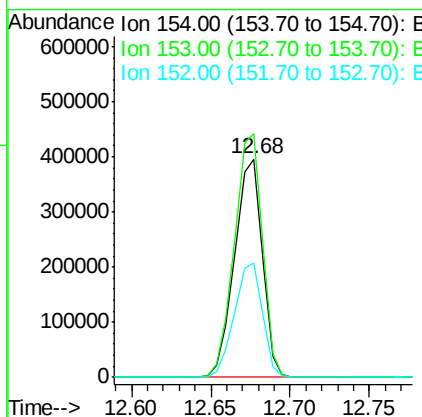
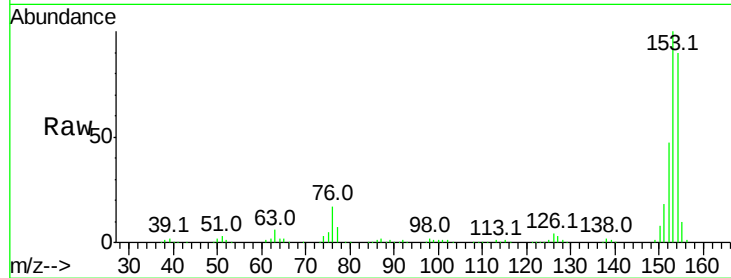
ClientSampleId :

PB99021BS

Tot Ion:	154	Resp:	479605
Ion Ratio	Lower	Upper	
154	100		
153	111.6	90.5	135.7
152	52.7	43.6	65.4

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#52

3-Nitroaniline

Concen: 21.76 ng

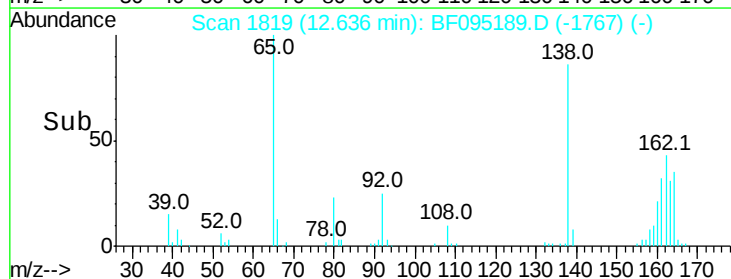
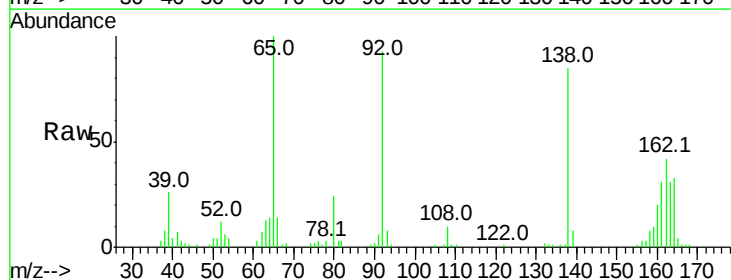
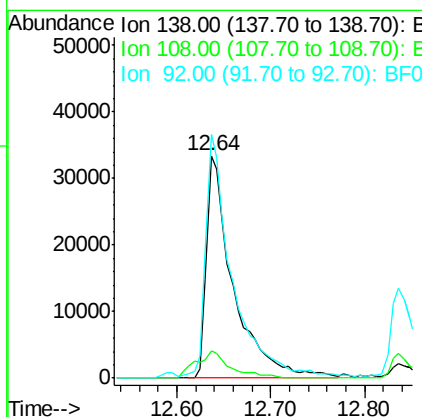
RT: 12.64 min Scan# 1819

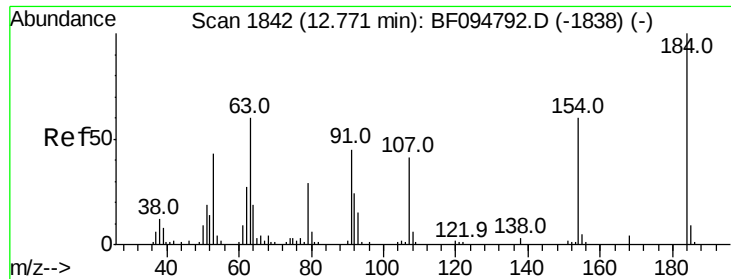
Delta R.T. 0.01 min

Lab File: BF095189.D

Acq: 17 May 2017 17:25

Tgt Ion:	138	Resp:	66888
Ion Ratio	Lower	Upper	
138	100		
108	12.1	9.1	13.7
92	109.7	93.8	140.6





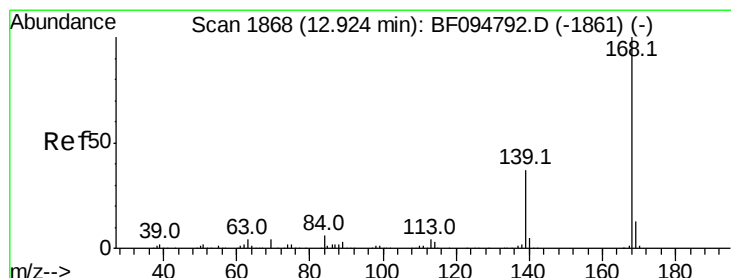
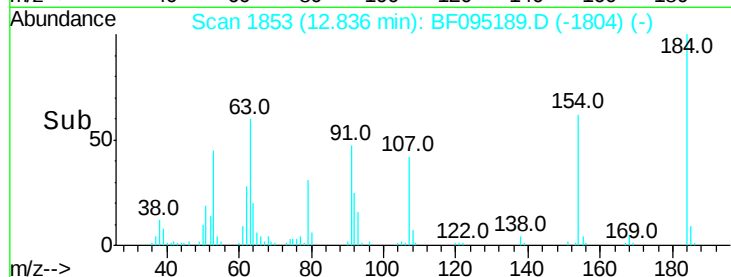
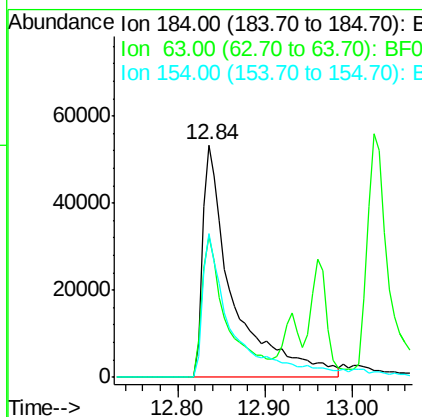
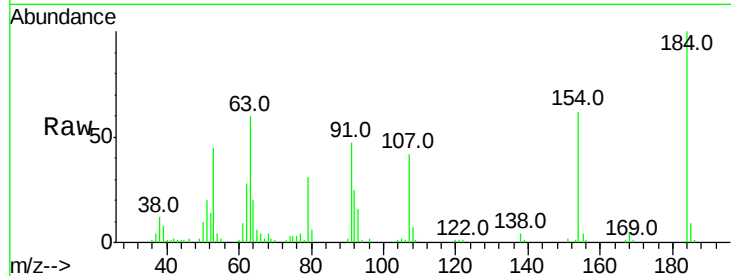
#53
 2,4-Dinitrophenol
 Concen: 81.44 ng
 RT: 12.84 min Scan# 1853
 Delta R.T. -0.01 min
 Lab File: BF095189.D
 Acq: 17 May 2017 17:25

Instrument :
 BNA_F
 ClientSampled :
 PB99021BS

Tot Ion:184 Resp: 128648
 Ion Ratio Lower Upper
 184 100
 63 60.5 62.7 94.1#
 154 61.9 81.1 121.7#

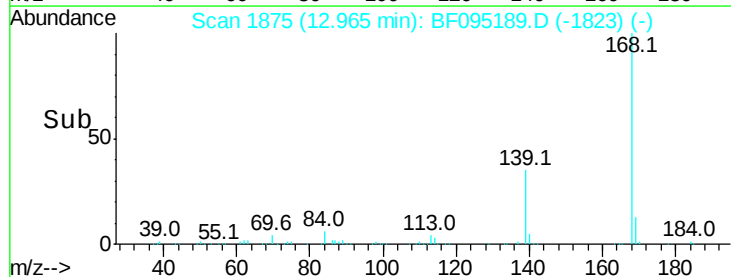
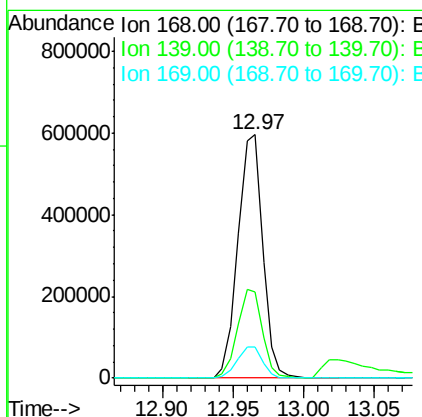
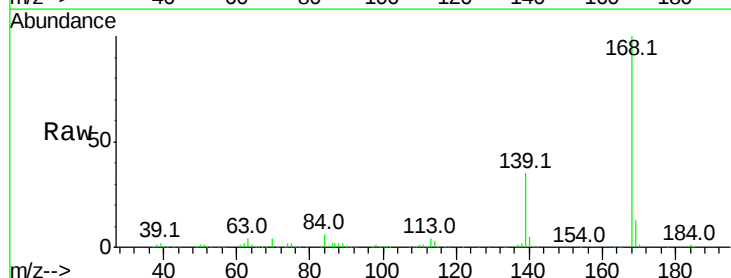
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#54
 Dibenzofuran
 Concen: 48.84 ng
 RT: 12.97 min Scan# 1875
 Delta R.T. 0.01 min
 Lab File: BF095189.D
 Acq: 17 May 2017 17:25

Tgt Ion:168 Resp: 734892
 Ion Ratio Lower Upper
 168 100
 139 35.3 30.6 45.8
 169 12.8 10.8 16.2





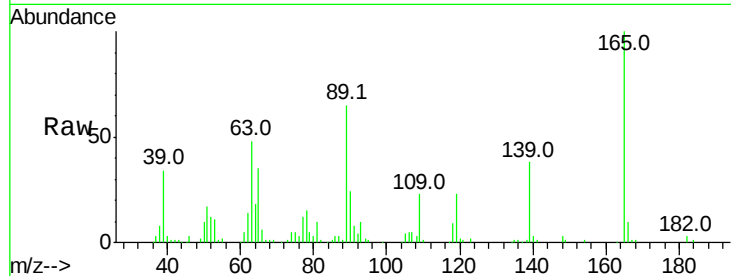
#55
4-Nitrophenol
Concen: 74.48 ng
RT: 13.02 min Scan# 1885
Delta R.T. -0.02 min
Lab File: BF095189.D
Acq: 17 May 2017 17:25

Instrument :
BNA_F
ClientSampleId :
PB99021BS

Tot Ion	Ratio	Resp	Lower	Upper
139	100			
109	59.9	34.1	74.1	
65	90.9	31.4	71.4	#

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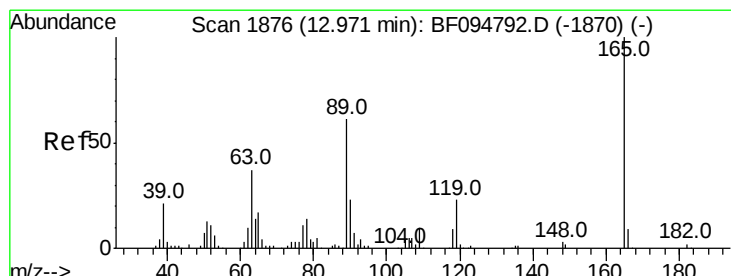
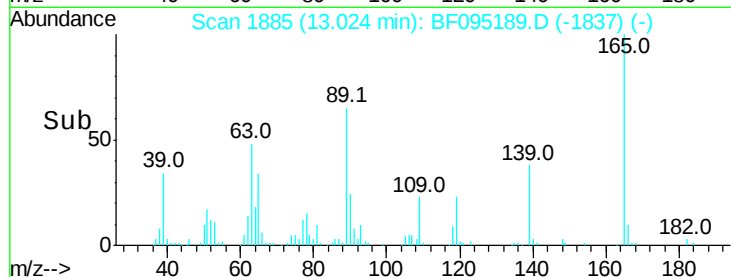
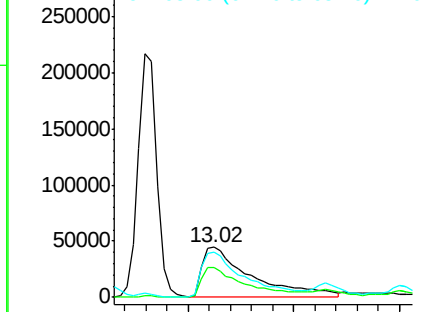


Abundance

Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF0



#56
2,4-Dinitrotoluene
Concen: 49.82 ng
RT: 13.03 min Scan# 1886
Delta R.T. 0.01 min
Lab File: BF095189.D
Acq: 17 May 2017 17:25

Tgt Ion	Ratio	Resp	Lower	Upper
165	100			
63	42.6	25.4	38.0	#
89	60.8	46.4	69.6	
182	2.7	1.8	2.6	#

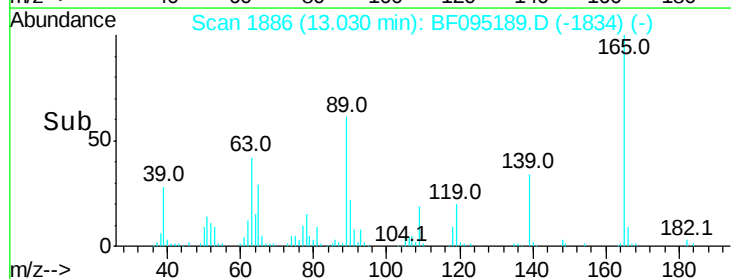
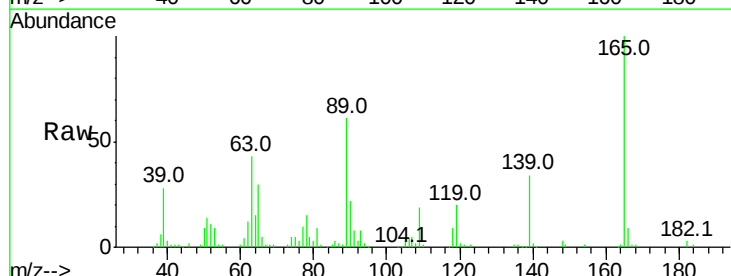
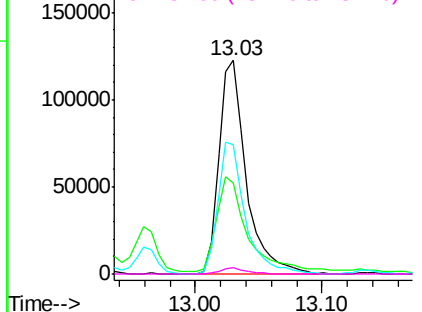
Abundance

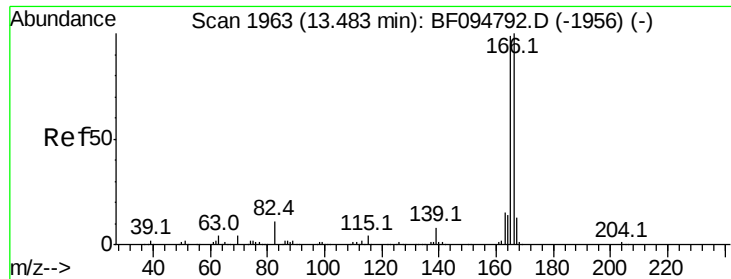
Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E





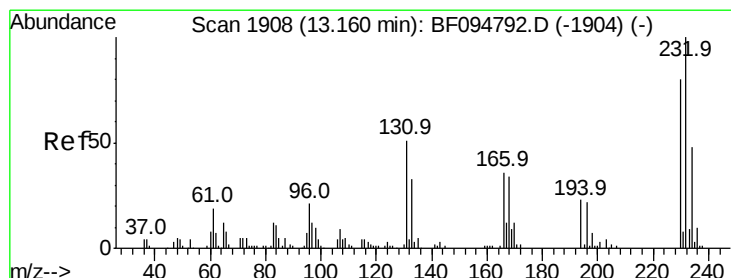
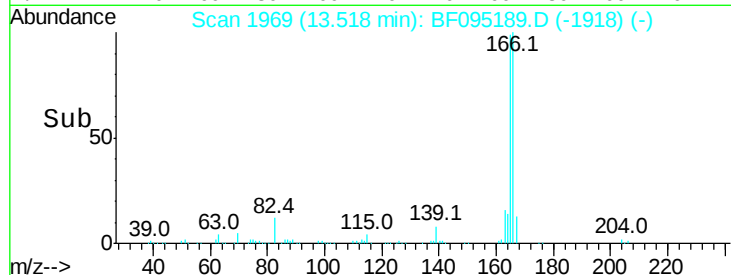
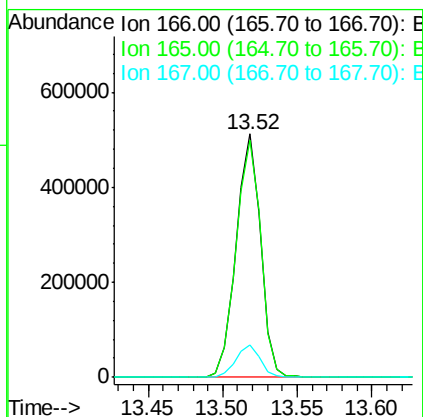
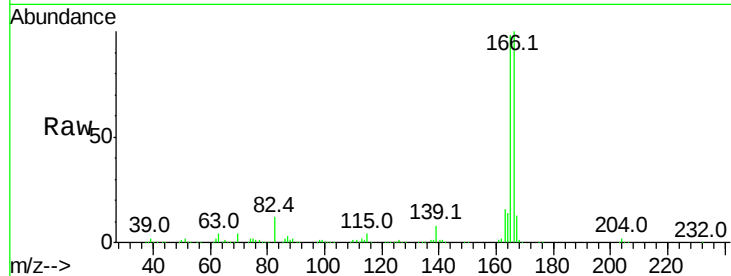
#57
Fluorene
 Concen: 44.95 ng
 RT: 13.52 min Scan# 1969
 Delta R.T. -0.00 min
 Lab File: BF095189.D
 Acq: 17 May 2017 17:25

Instrument :
 BNA_F
 ClientSampleId :
 PB99021BS

Tot Ion	Ratio	Resp	Lower	Upper
166	100	588230		
165	97.5		78.8	118.2
167	13.1		10.6	16.0

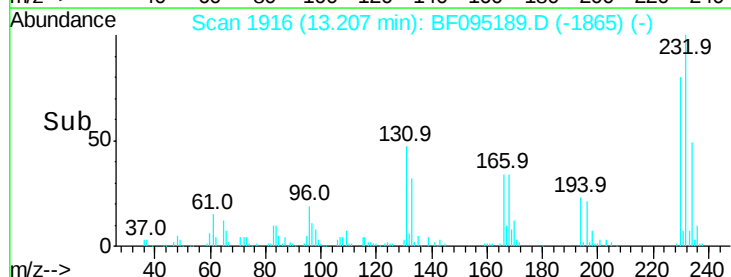
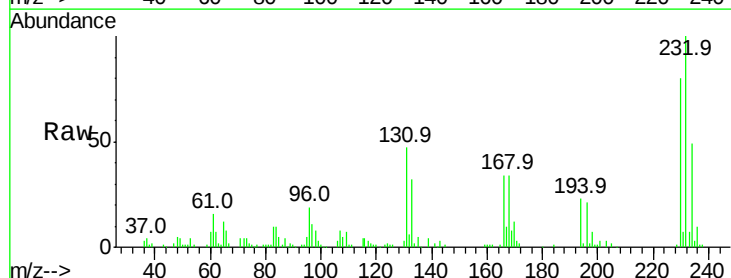
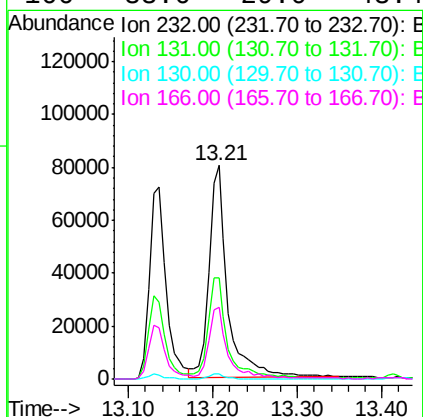
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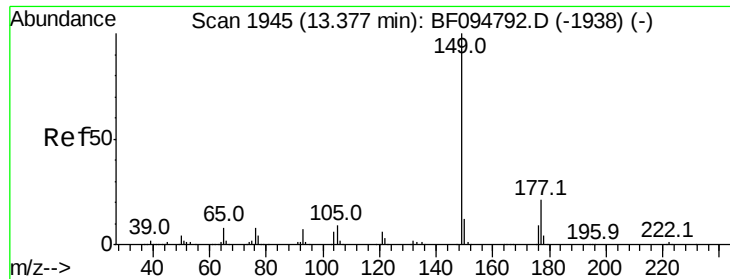
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#58
2,3,4,6-Tetrachlorophenol
 Concen: 52.69 ng
 RT: 13.21 min Scan# 1916
 Delta R.T. -0.00 min
 Lab File: BF095189.D
 Acq: 17 May 2017 17:25

Tgt Ion	Ratio	Resp	Lower	Upper
232	100	125134		
131	48.1		44.8	67.2
130	2.1		2.3	3.5#
166	33.6		29.0	43.4





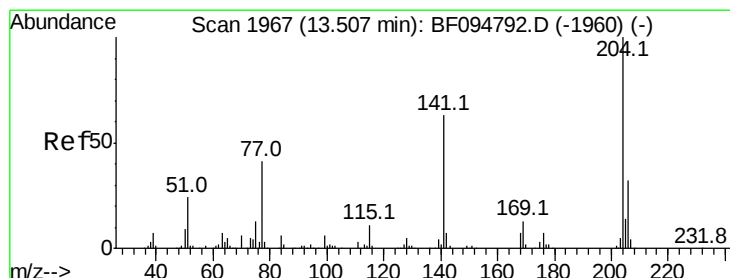
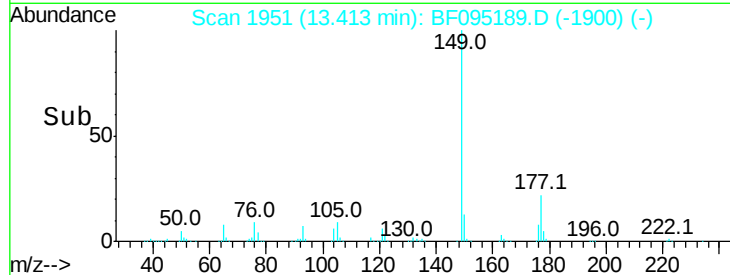
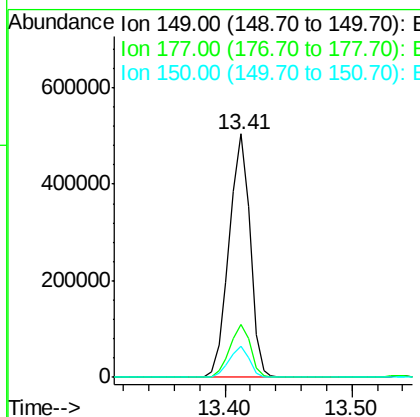
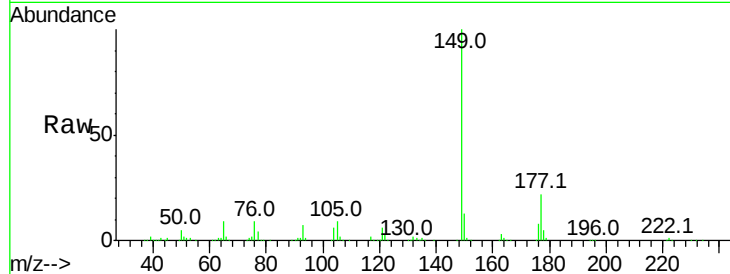
#59
Diethylphthalate
Concen: 42.76 ng
RT: 13.41 min Scan# 1951
Delta R.T. -0.00 min
Lab File: BF095189.D
Acq: 17 May 2017 17:25

Instrument :
BNA_F
ClientSampleId :
PB99021BS

Tot Ion	Ratio	Resp	Lower	Upper
149	100	575269		
177	21.8	16.7	25.1	
150	12.7	10.2	15.2	

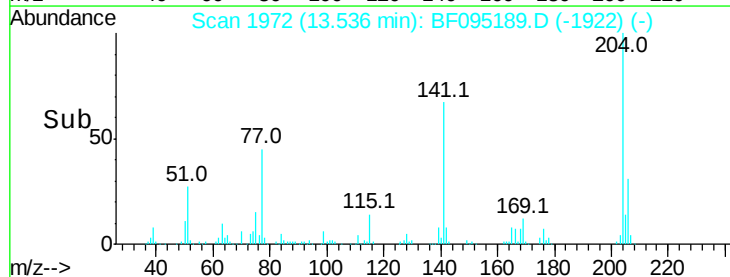
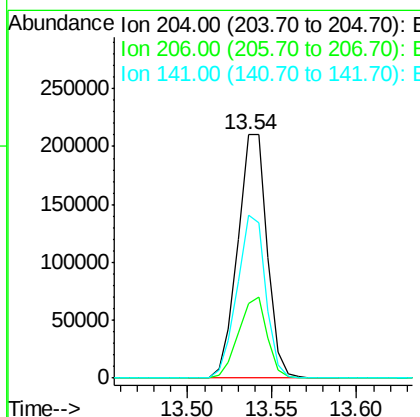
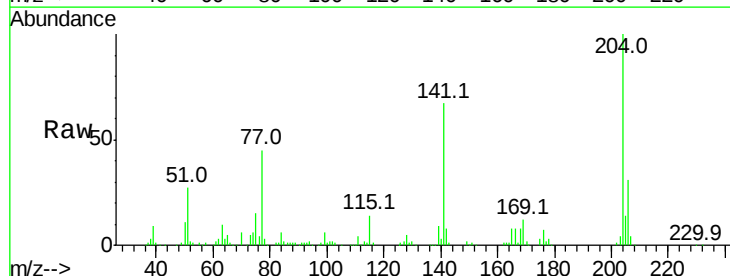
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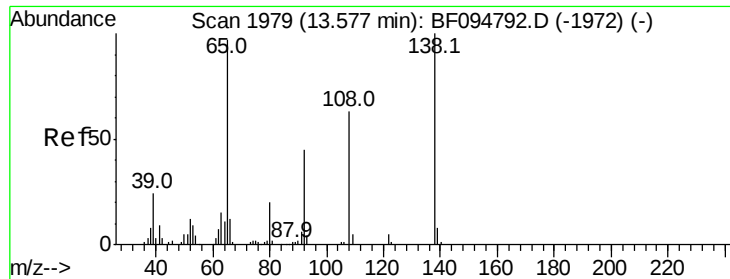
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#60
4-Chlorophenyl-phenylether
Concen: 44.49 ng
RT: 13.54 min Scan# 1972
Delta R.T. -0.01 min
Lab File: BF095189.D
Acq: 17 May 2017 17:25

Tgt Ion	Ratio	Resp	Lower	Upper
204	100	255864		
206	30.8	26.2	39.2	
141	66.9	60.8	91.2	





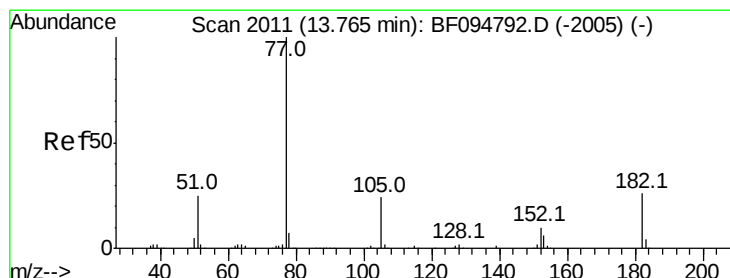
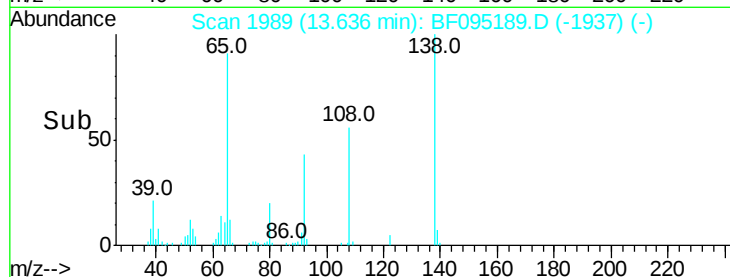
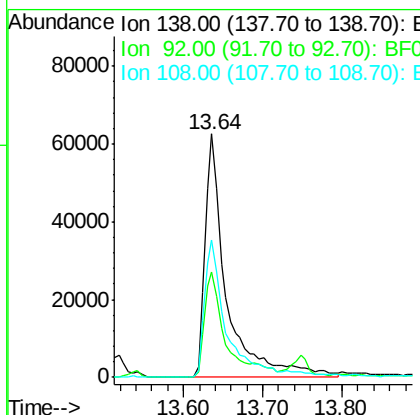
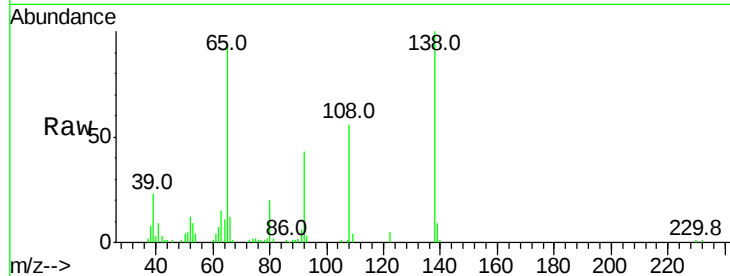
#61
4-Nitroaniline
Concen: 41.89 ng
RT: 13.64 min Scan# 1989
Delta R.T. 0.01 min
Lab File: BF095189.D
Acq: 17 May 2017 17:25

Instrument :
BNA_F
ClientSampleId :
PB99021BS

Tot Ion	Ratio	Resp	Lower	Upper
138	100			
92	43.3	21.8	61.8	
108	56.4	42.3	82.3	

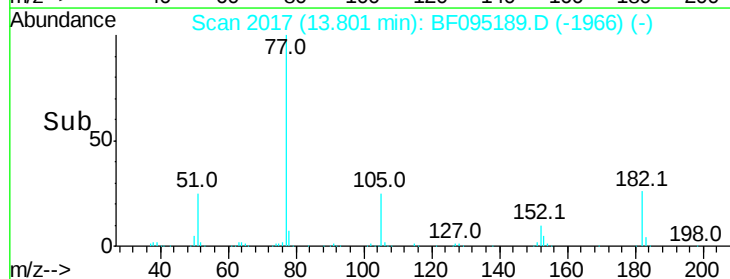
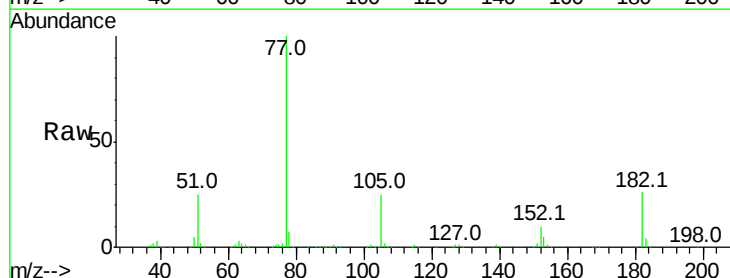
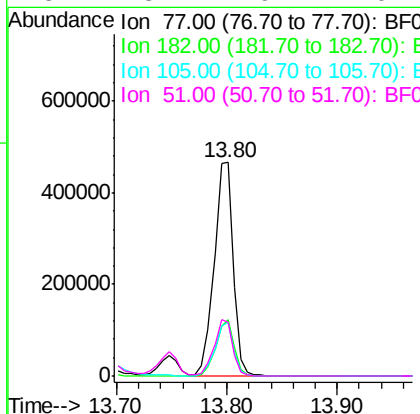
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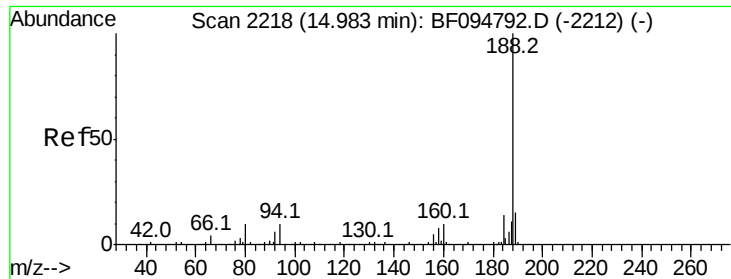
mohammad
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#62
Azobenzene
Concen: 51.17 ng
RT: 13.80 min Scan# 2017
Delta R.T. -0.00 min
Lab File: BF095189.D
Acq: 17 May 2017 17:25

Tgt Ion	Ratio	Resp	Lower	Upper
77	100			
182	26.3	0.1	40.1	
105	25.3	3.6	43.6	
51	25.4	9.4	49.4	





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 15.02 min Scan# 2225

Delta R.T. -0.00 min

Lab File: BF095189.D

Acq: 17 May 2017 17:25

Instrument :

BNA_F

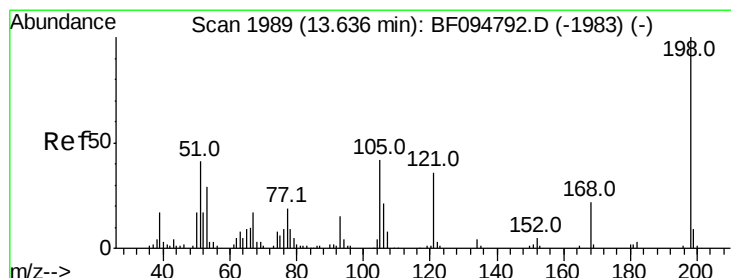
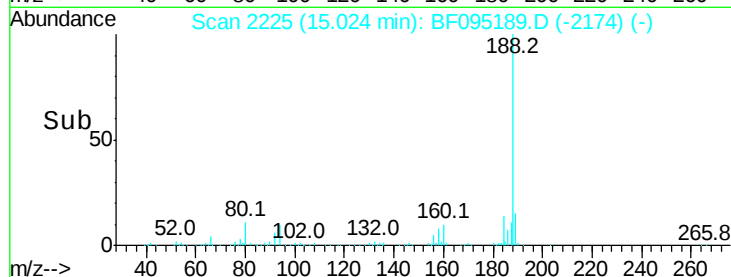
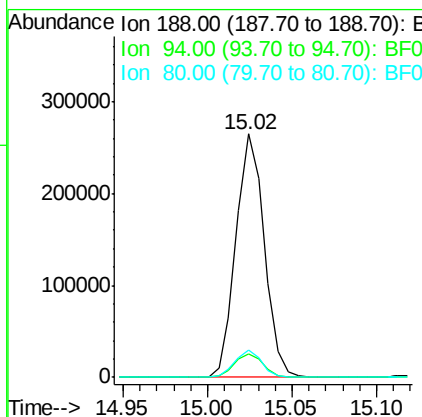
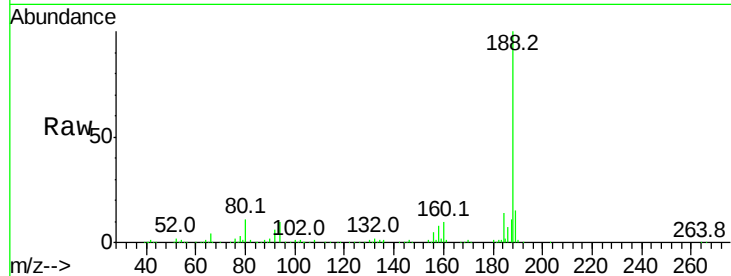
ClientSampleId :

PB99021BS

Tot Ion:188	Resp:	310317
Ion Ratio	Lower	Upper
188 100		
94 9.8	9.4	14.2
80 11.3	10.2	15.2

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#64

4,6-Dinitro-2-methylphenol

Concen: 44.50 ng

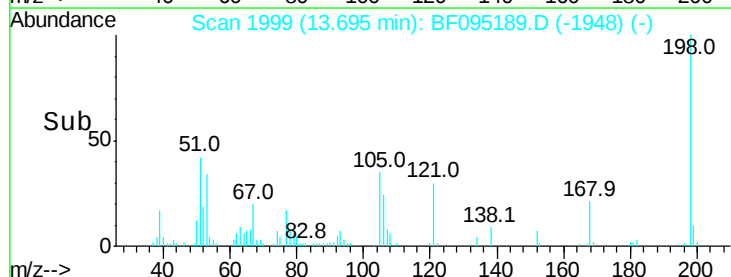
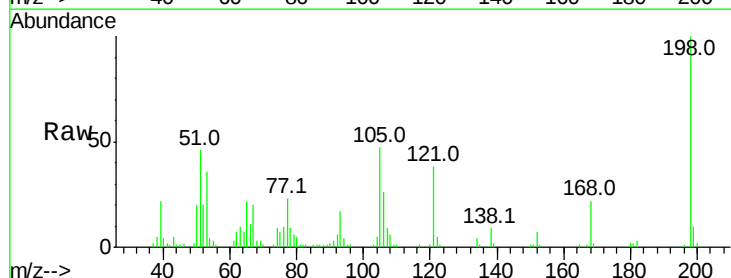
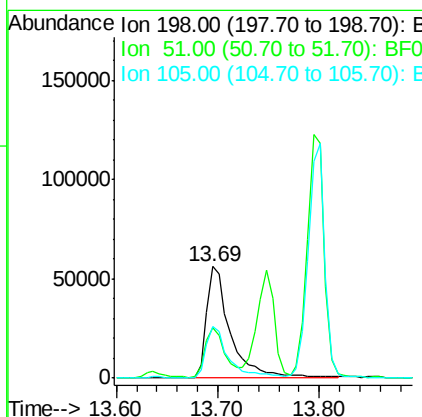
RT: 13.69 min Scan# 1999

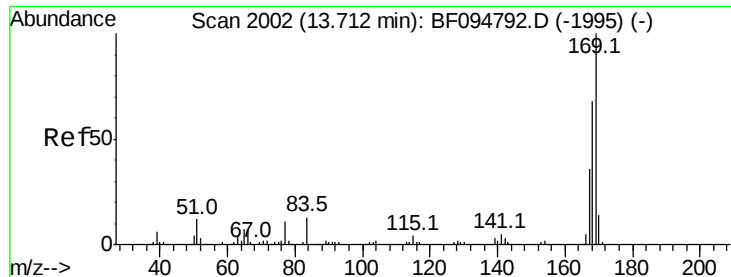
Delta R.T. -0.00 min

Lab File: BF095189.D

Acq: 17 May 2017 17:25

Tgt Ion:198	Resp:	92564
Ion Ratio	Lower	Upper
198 100		
51 45.7	53.2	93.2#
105 46.9	45.8	85.8





#65

n-Nitrosodiphenylamine

Concen: 44.87 ng

RT: 13.75 min Scan# 2008

Delta R.T. -0.00 min

Lab File: BF095189.D

Acq: 17 May 2017 17:25

Instrument :

BNA_F

ClientSampleId :

PB99021BS

Tot Ion:169 Resp: 505358

Ion Ratio Lower Upper

169 100

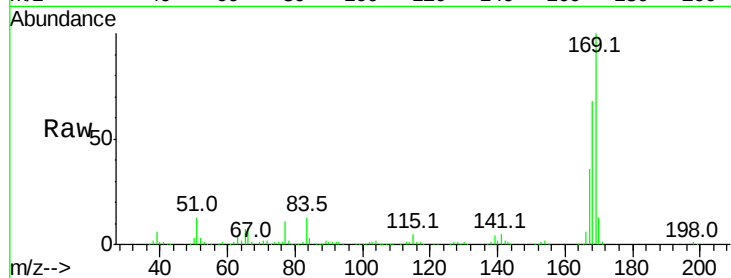
168 67.6 53.2 79.8

167 36.1 29.5 44.3

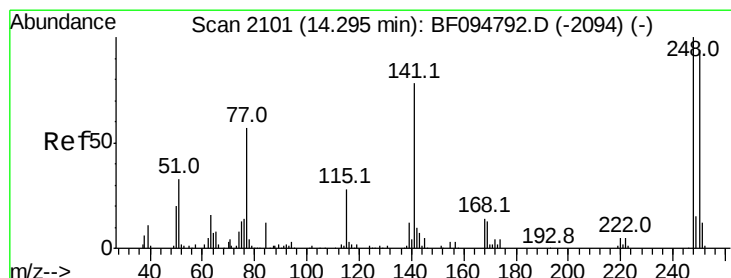
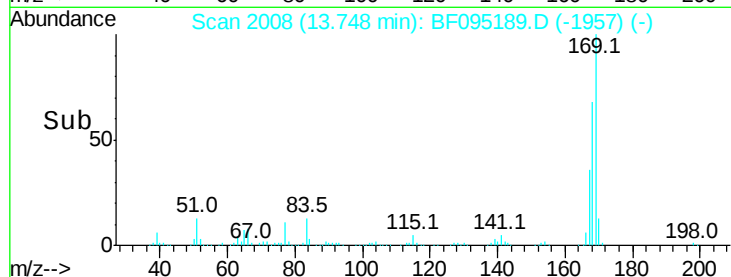
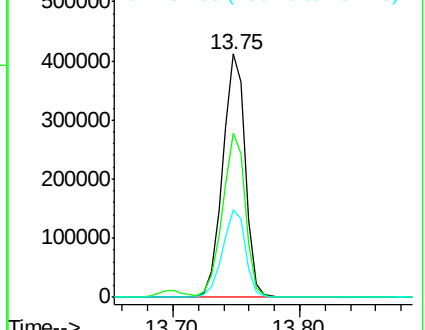
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Abundance Ion 169.00 (168.70 to 169.70): E
Ion 168.00 (167.70 to 168.70): E
Ion 167.00 (166.70 to 167.70): E



#66

4-Bromophenyl-phenylether

Concen: 44.80 ng

RT: 14.32 min Scan# 2106

Delta R.T. -0.00 min

Lab File: BF095189.D

Acq: 17 May 2017 17:25

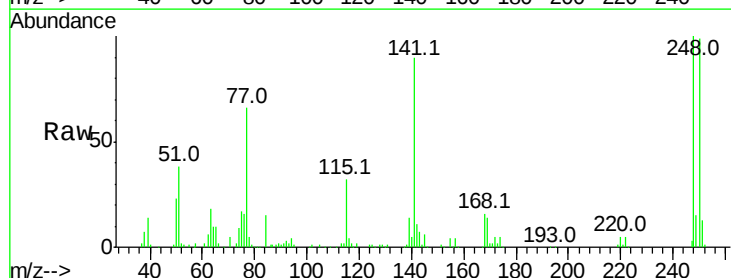
Tgt Ion:248 Resp: 146887

Ion Ratio Lower Upper

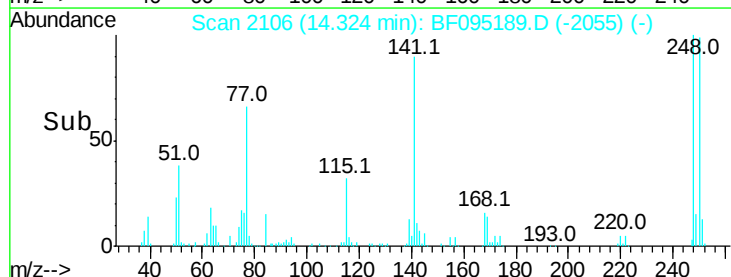
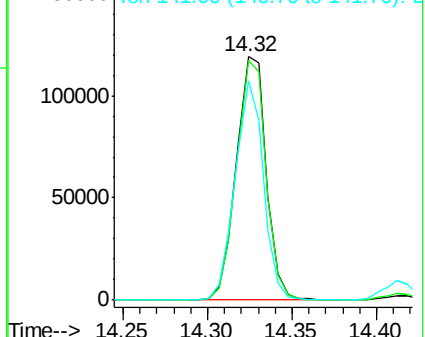
248 100

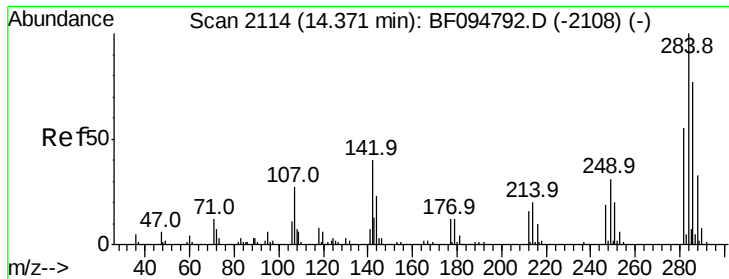
250 98.7 76.8 115.2

141 90.3 68.6 103.0



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





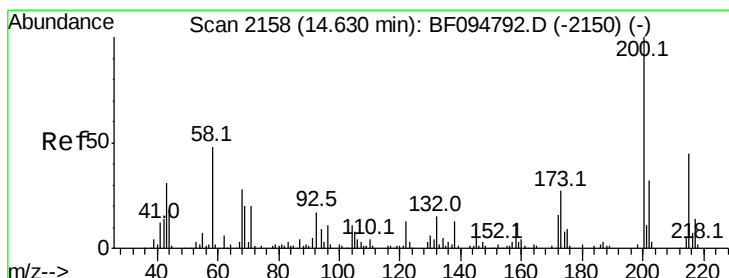
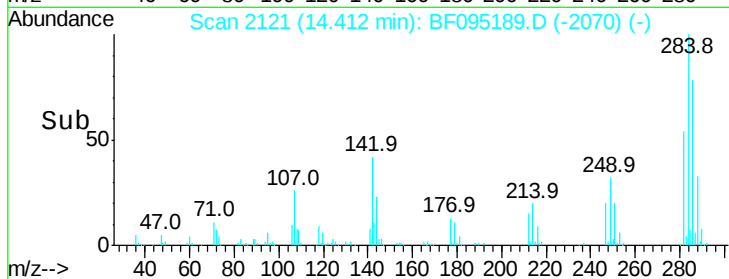
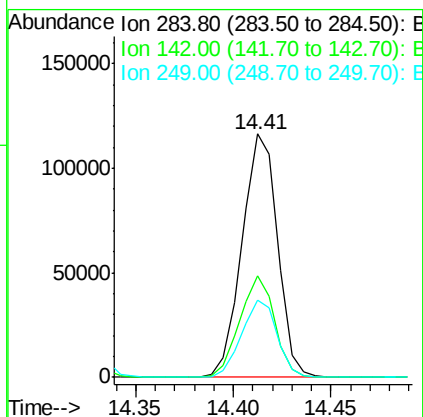
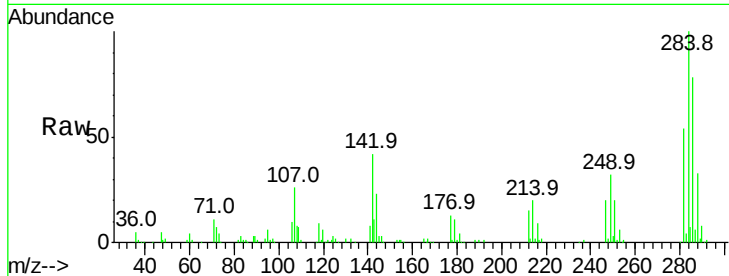
#67
Hexachlorobenzene
Concen: 43.64 ng
RT: 14.41 min Scan# 2121
Delta R.T. -0.00 min
Lab File: BF095189.D
Acq: 17 May 2017 17:25

Instrument :
BNA_F
ClientSampleId :
PB99021BS

Tot Ion	Ratio	Resp	Lower	Upper
284	100			
142	41.5	22.8	34.2	
249	32.0	24.0	36.0	

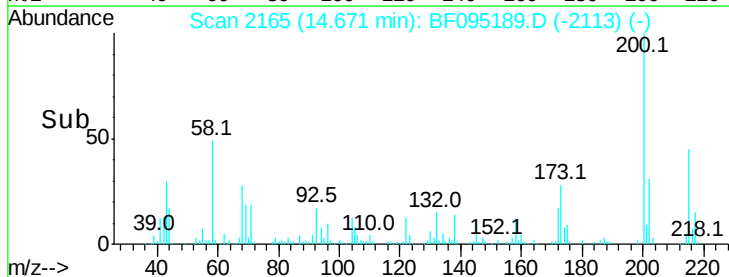
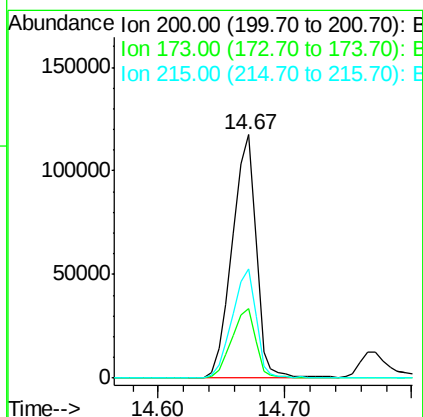
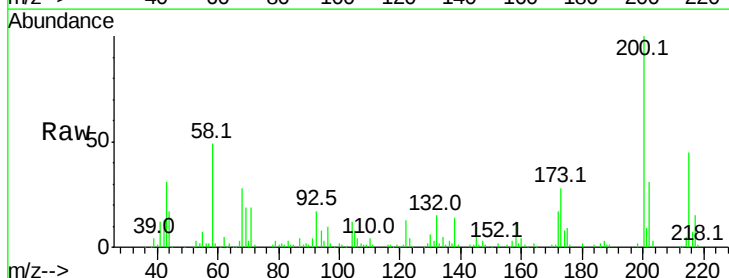
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#68
Atrazine
Concen: 48.49 ng
RT: 14.67 min Scan# 2165
Delta R.T. 0.01 min
Lab File: BF095189.D
Acq: 17 May 2017 17:25

Tgt Ion	Ratio	Resp	Lower	Upper
200	100			
173	28.4	6.3	46.3	
215	45.0	27.2	67.2	





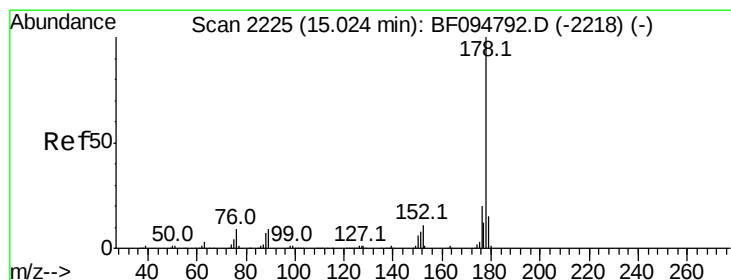
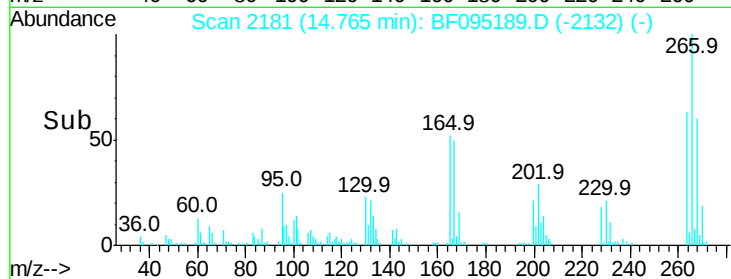
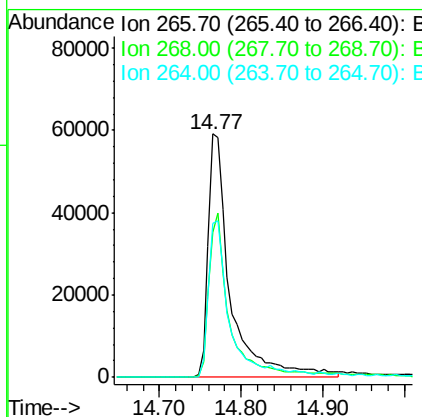
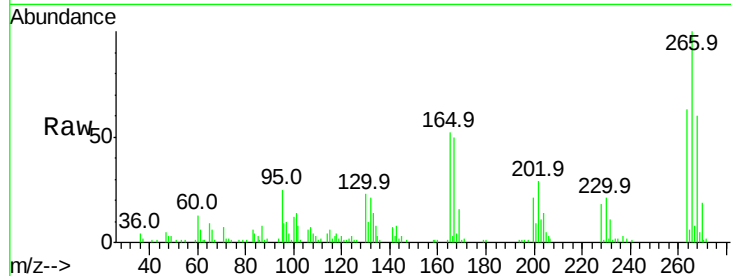
#69
 Pentachlorophenol
 Concen: 74.41 ng
 RT: 14.77 min Scan# 2181
 Delta R.T. -0.01 min
 Lab File: BF095189.D
 Acq: 17 May 2017 17:25

Instrument :
 BNA_F
 ClientSampleId :
 PB99021BS

Tot Ion	Ratio	Resp	Lower	Upper
266	100	112376		
268	59.6		51.1	76.7
264	63.0		51.7	77.5

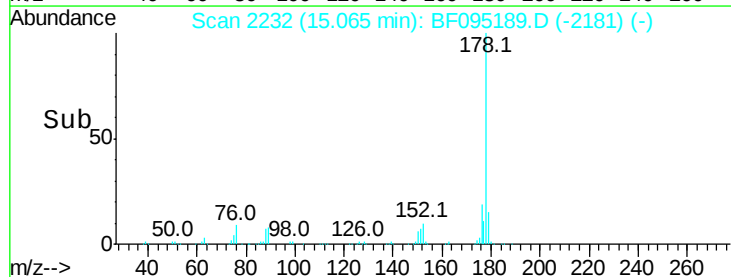
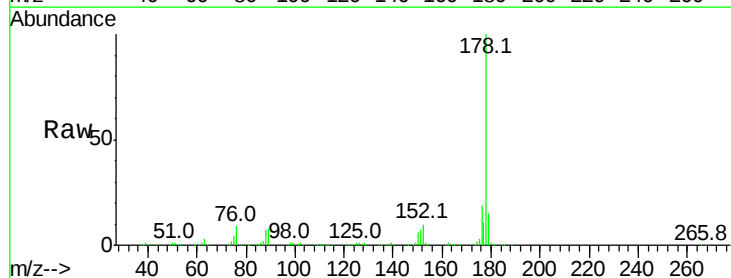
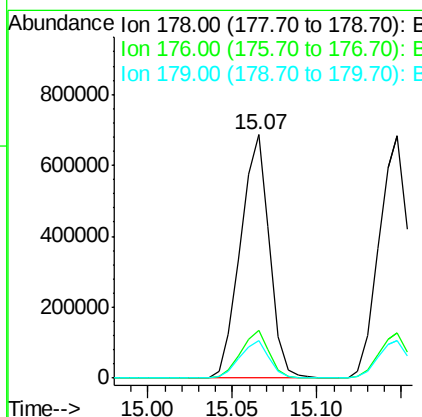
Manual Integrations
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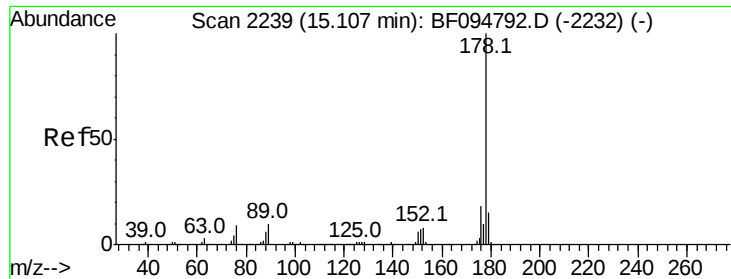
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#70
 Phenanthrene
 Concen: 46.00 ng
 RT: 15.07 min Scan# 2232
 Delta R.T. -0.00 min
 Lab File: BF095189.D
 Acq: 17 May 2017 17:25

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	820151		
176	19.4		16.2	24.4
179	15.3		12.6	19.0





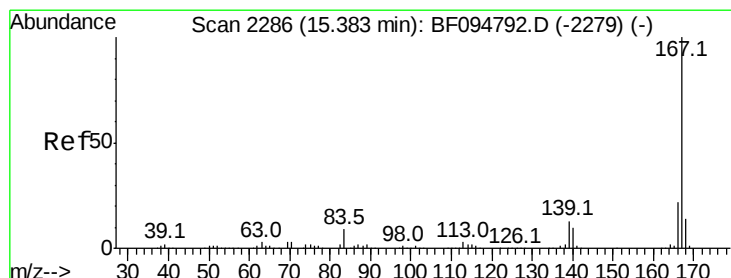
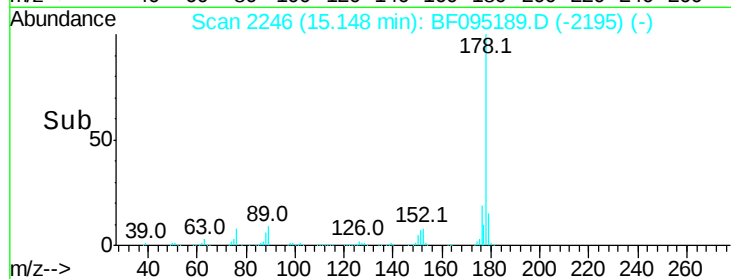
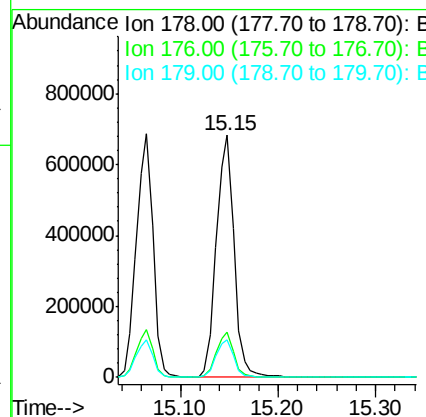
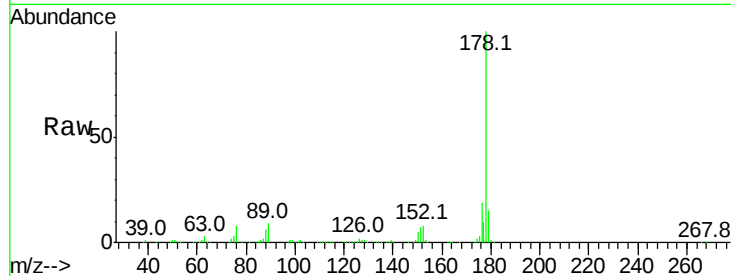
#71
 Anthracene
 Concen: 47.21 ng
 RT: 15.15 min Scan# 2246
 Delta R.T. -0.00 min
 Lab File: BF095189.D
 Acq: 17 May 2017 17:25

Instrument :
 BNA_F
 ClientSampleId :
 PB99021BS

Tot Ion	Ratio	Lower	Upper
178	100		
176	18.5	15.8	23.8
179	15.4	12.7	19.1

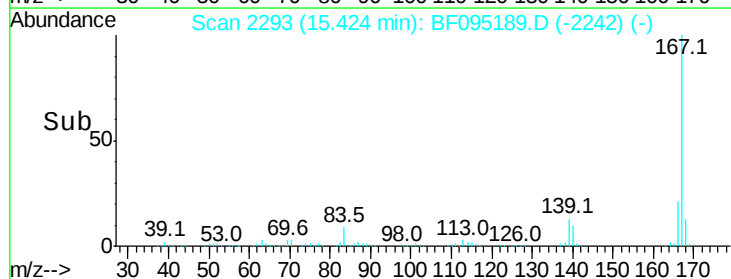
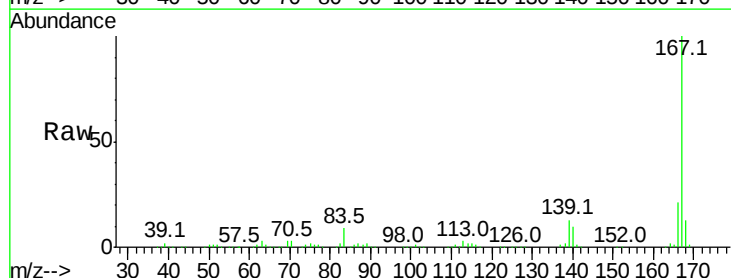
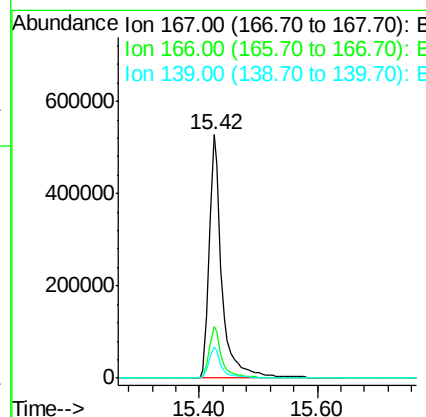
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#72
 Carbazole
 Concen: 47.80 ng
 RT: 15.42 min Scan# 2293
 Delta R.T. -0.00 min
 Lab File: BF095189.D
 Acq: 17 May 2017 17:25

Tgt Ion	Ratio	Lower	Upper
167	100		
166	21.4	18.1	27.1
139	12.7	11.7	17.5





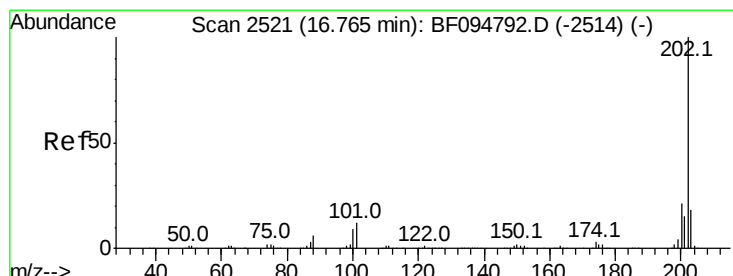
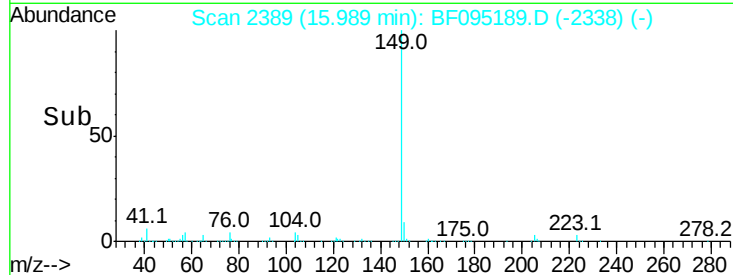
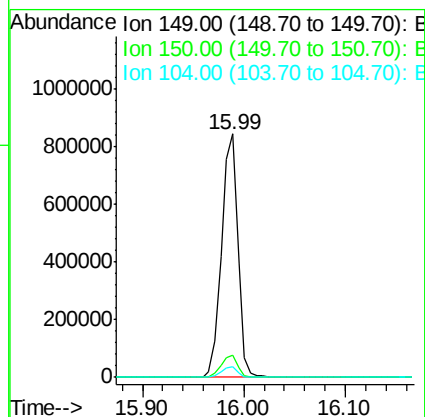
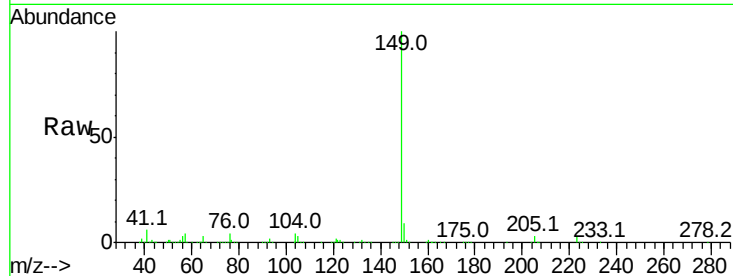
#73
Di-n-butylphthalate
Concen: 45.36 ng
RT: 15.99 min Scan# 2389
Delta R.T. -0.00 min
Lab File: BF095189.D
Acq: 17 May 2017 17:25

Instrument :
BNA_F
Client Sampled :
PB99021BS

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

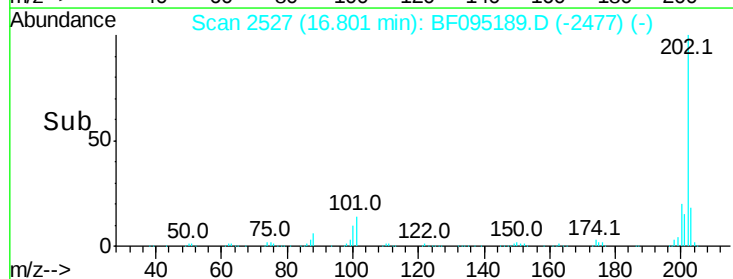
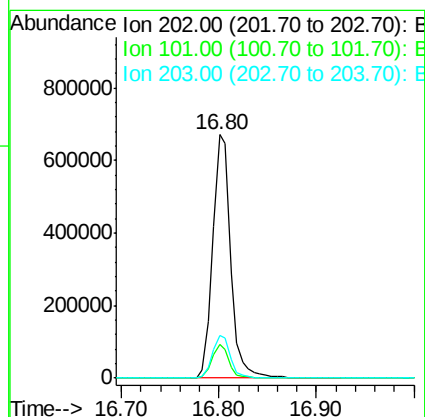
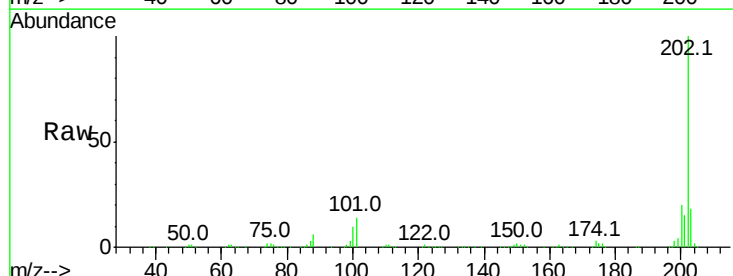
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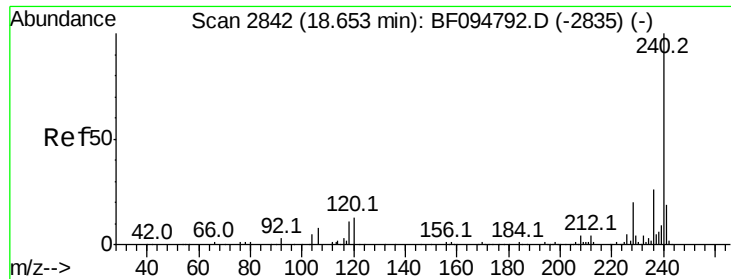
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#74
Fluoranthene
Concen: 46.83 ng
RT: 16.80 min Scan# 2527
Delta R.T. -0.01 min
Lab File: BF095189.D
Acq: 17 May 2017 17:25

Tgt Ion	Ratio	Resp	Lower	Upper
202	100			
101	13.6	0.0	33.2	
203	17.6	0.0	38.1	





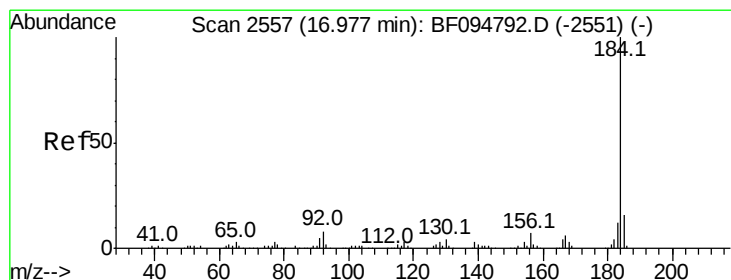
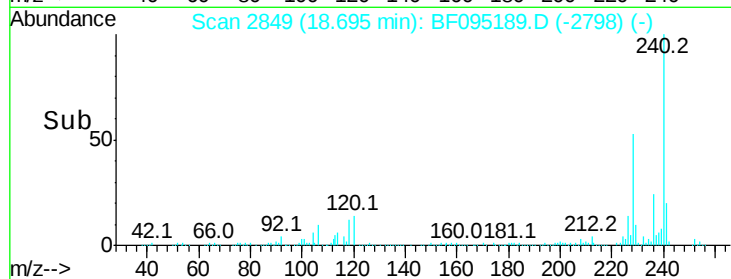
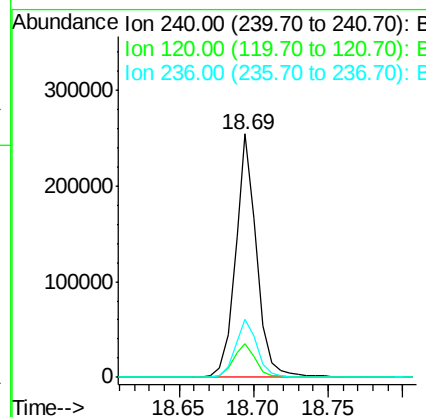
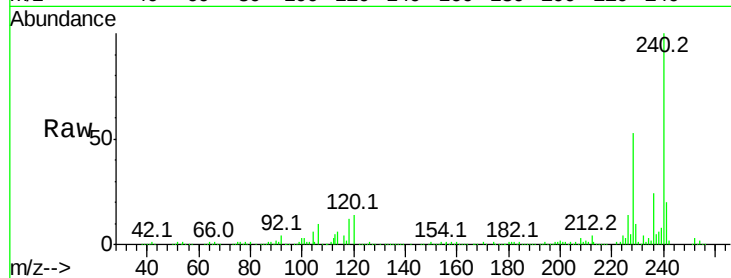
#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 18.69 min Scan# 2849
 Delta R.T. -0.00 min
 Lab File: BF095189.D
 Acq: 17 May 2017 17:25

Instrument :
 BNA_F
 ClientSampleId :
 PB99021BS

Tot Ion	Ratio	Lower	Upper
240	100		
120	13.9	5.8	8.8#
236	24.1	20.5	30.7

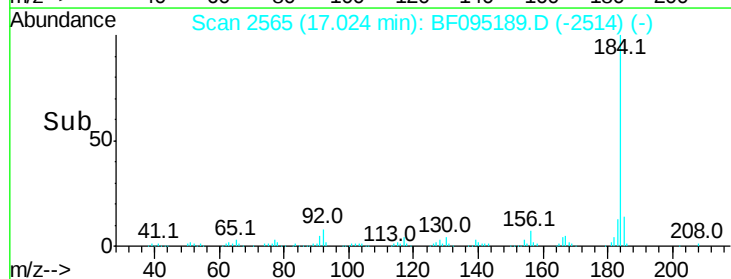
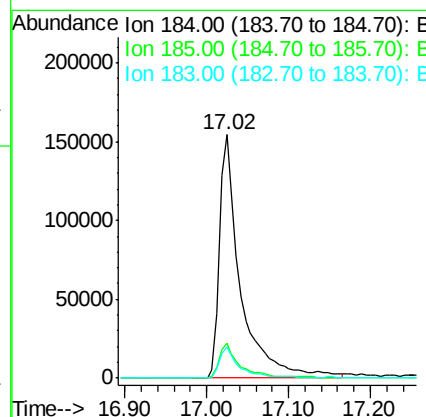
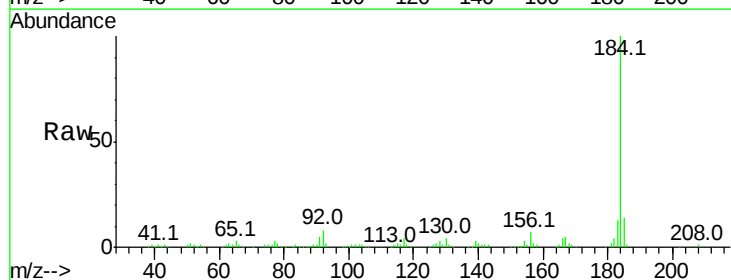
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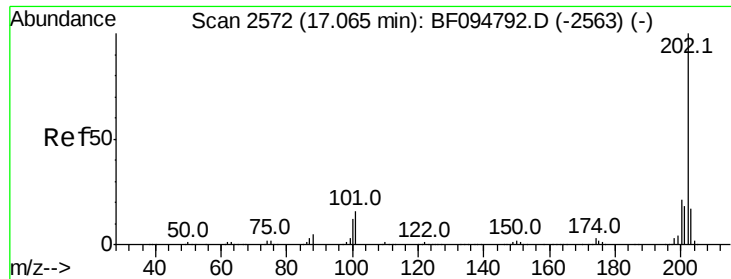
mohammad
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#76
 Benzidine
 Concen: 41.85 ng
 RT: 17.02 min Scan# 2565
 Delta R.T. -0.00 min
 Lab File: BF095189.D
 Acq: 17 May 2017 17:25

Tgt Ion	Ratio	Lower	Upper
184	100		
185	14.2	15.5	23.3#
183	12.7	9.8	14.6





#77

Pvrene

Concen: 46.32 ng

RT: 17.11 min Scan# 2579

Delta R.T. -0.00 min

Lab File: BF095189.D

Acq: 17 May 2017 17:25

Instrument :

BNA_F

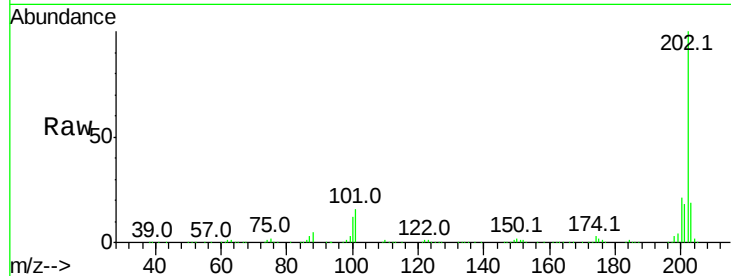
ClientSampleId :

PB99021BS

Tot Ion	Ratio	Resp	Lower	Upper
202	100	873911		
200	21.2		17.6	26.4
203	18.6		14.4	21.6

Manual Integrations
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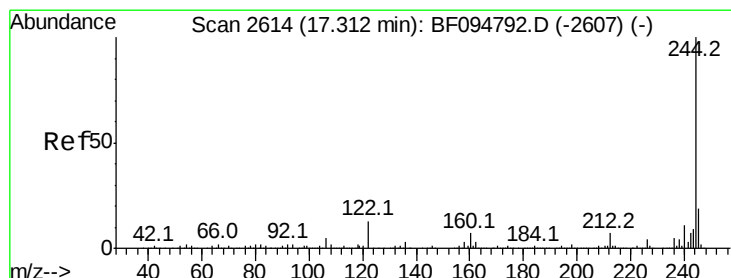
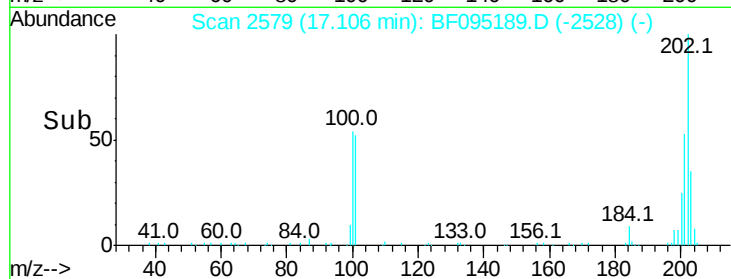
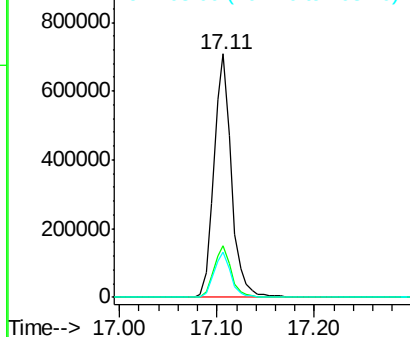
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Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#78

Terphenyl-d14

Concen: 86.13 ng

RT: 17.35 min Scan# 2620

Delta R.T. -0.00 min

Lab File: BF095189.D

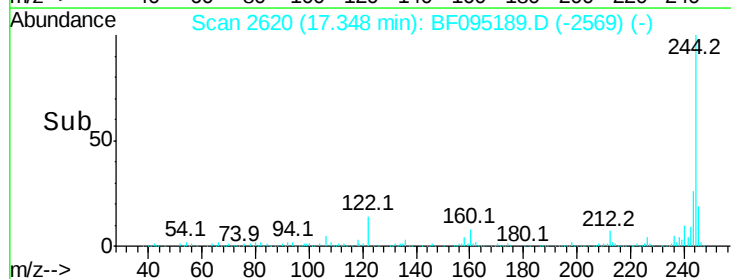
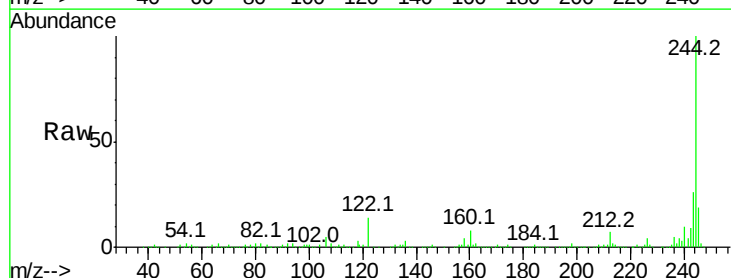
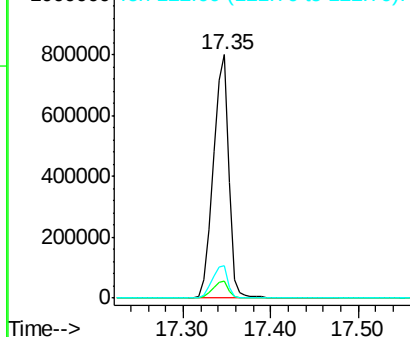
Acq: 17 May 2017 17:25

Tgt Ion	Ratio	Resp	Lower	Upper
244	100	986425		
212	7.0		6.0	9.0
122	13.5		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





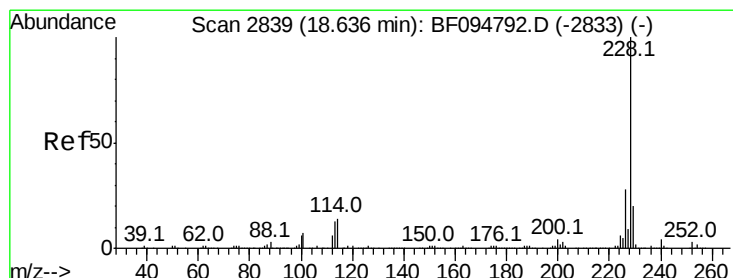
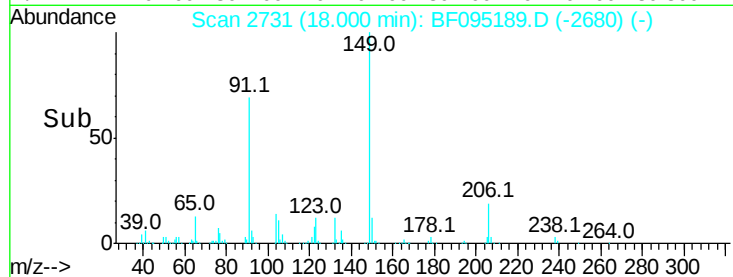
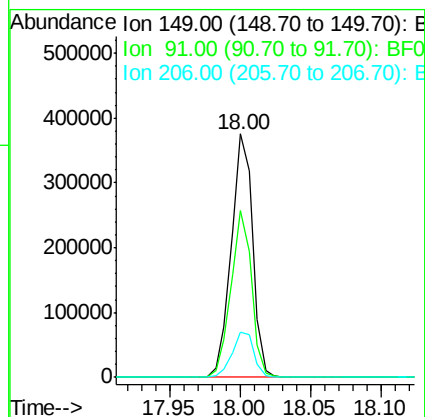
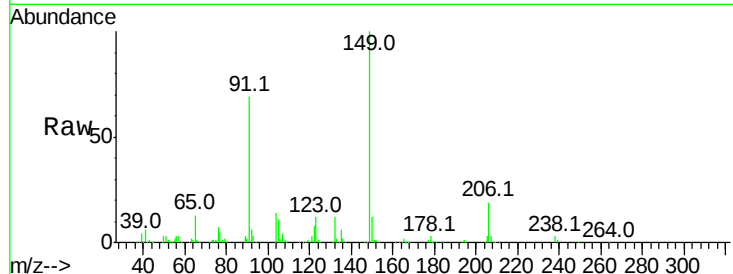
#79
Butylbenzylphthalate
Concen: 45.11 ng
RT: 18.00 min Scan# 2731
Delta R.T. -0.00 min
Lab File: BF095189.D
Acq: 17 May 2017 17:25

Instrument :
BNA_F
ClientSampleId :
PB99021BS

Tot Ion	Ratio	Resp	Lower	Upper
149	100	395835		
91	68.5	45.0	67.4#	
206	18.6	17.0	25.6	

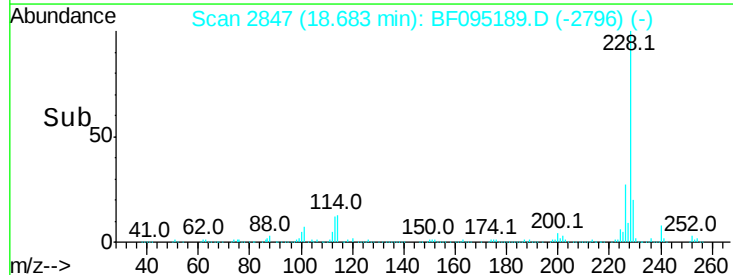
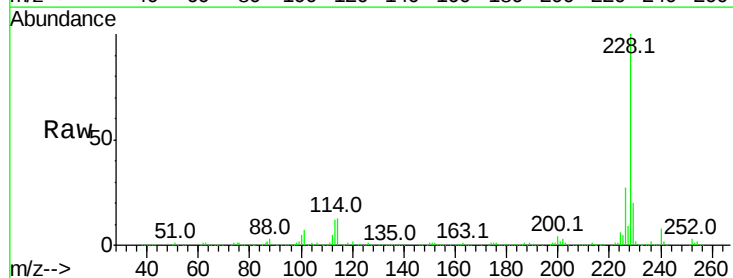
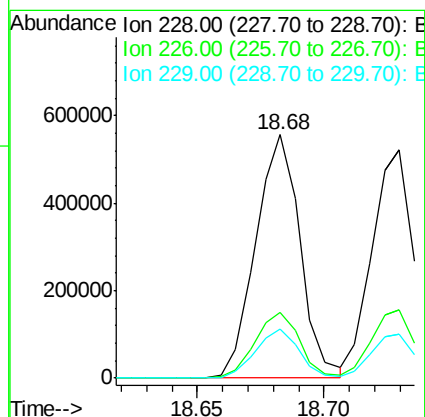
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#80
Benzo(a)anthracene
Concen: 46.32 ng
RT: 18.68 min Scan# 2847
Delta R.T. -0.00 min
Lab File: BF095189.D
Acq: 17 May 2017 17:25

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	680091		
226	27.1	22.6	33.8	
229	20.0	16.3	24.5	





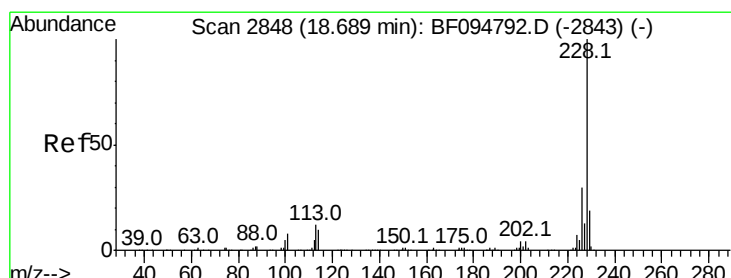
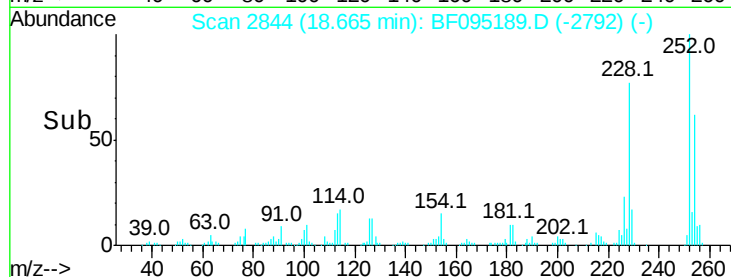
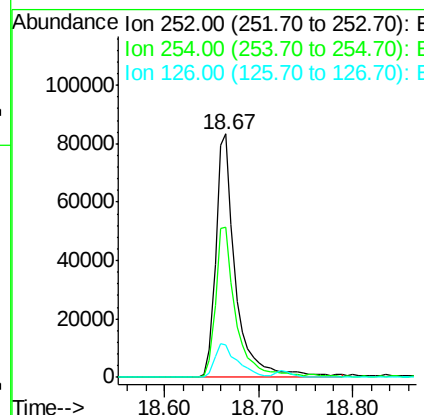
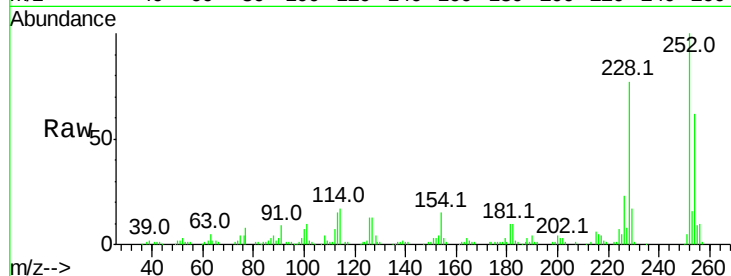
#81
 3,3'-Dichlorobenzidine
 Concen: 24.56 ng
 RT: 18.67 min Scan# 2844
 Delta R.T. 0.01 min
 Lab File: BF095189.D
 Acq: 17 May 2017 17:25

Instrument :
 BNA_F
 ClientSampleID :
 PB99021BS

Tot Ion	Ratio	Resp	Lower	Upper
252	100	124510		
254	61.7	51.5	77.3	
126	13.3	15.8	23.8	

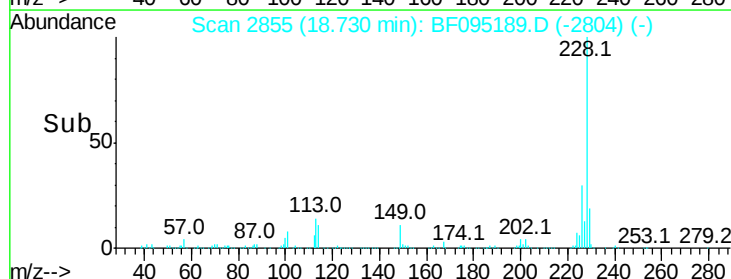
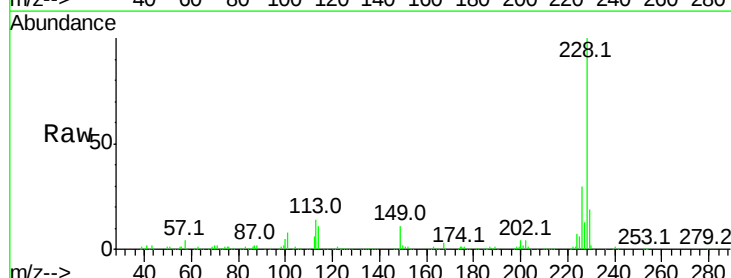
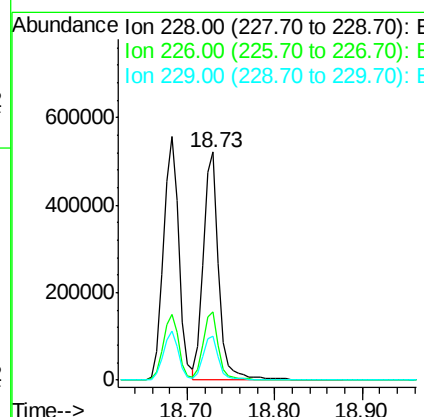
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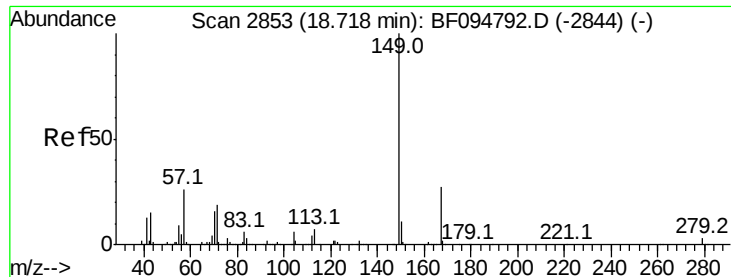
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#82
 Chrysene
 Concen: 44.85 ng
 RT: 18.73 min Scan# 2855
 Delta R.T. -0.00 min
 Lab File: BF095189.D
 Acq: 17 May 2017 17:25

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	636614		
226	30.1	24.9	37.3	
229	19.3	15.8	23.6	





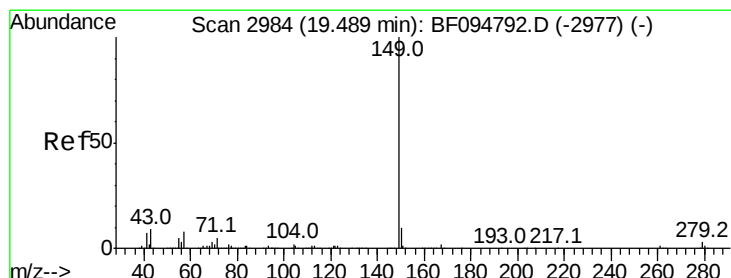
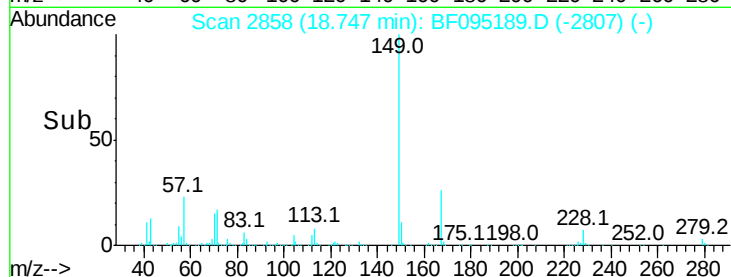
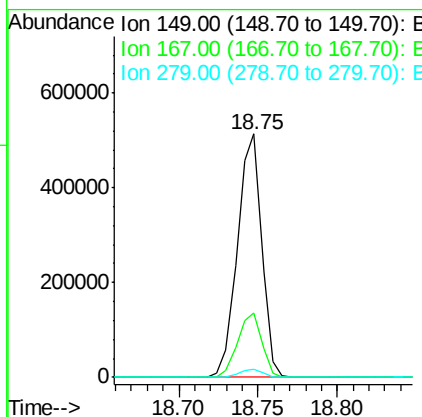
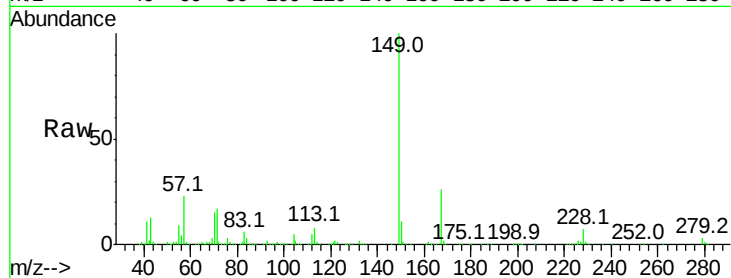
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 43.41 ng
 RT: 18.75 min Scan# 2858
 Delta R.T. -0.00 min
 Lab File: BF095189.D
 Acq: 17 May 2017 17:25

Instrument :
 BNA_F
 ClientSampleId :
 PB99021BS

Tot Ion	Ratio	Resp Lower	Upper
149	100		
167	26.2	21.0	31.4
279	3.3	1.9	2.9

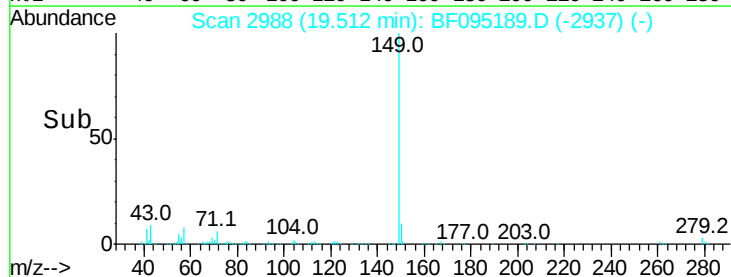
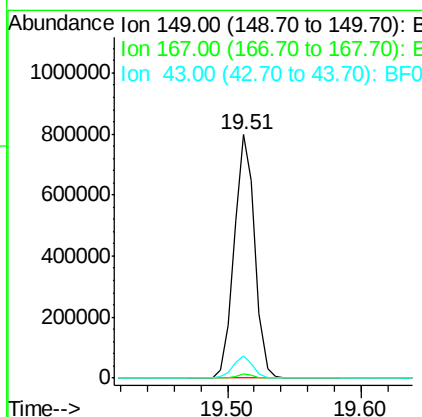
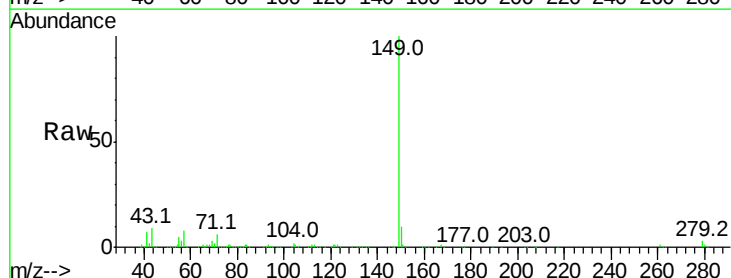
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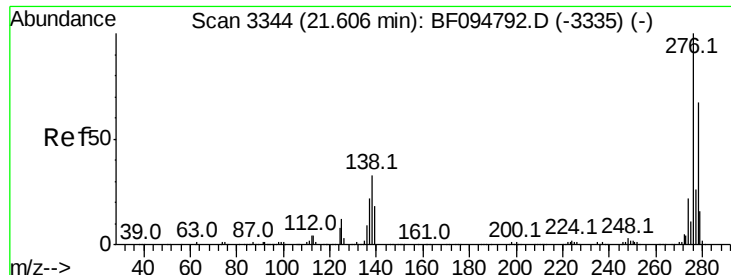
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#84
 Di-n-octyl phthalate
 Concen: 41.71 ng
 RT: 19.51 min Scan# 2988
 Delta R.T. -0.00 min
 Lab File: BF095189.D
 Acq: 17 May 2017 17:25

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





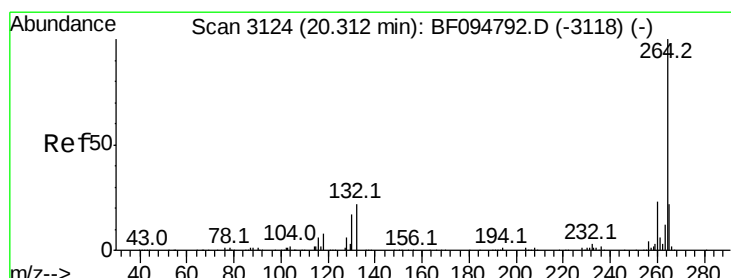
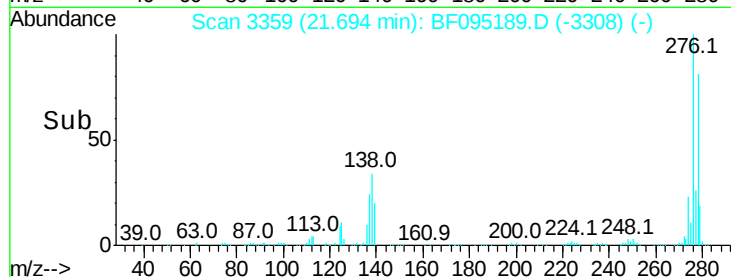
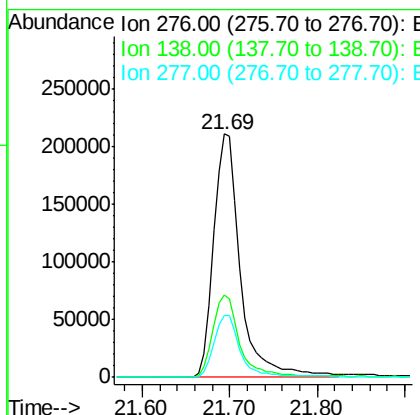
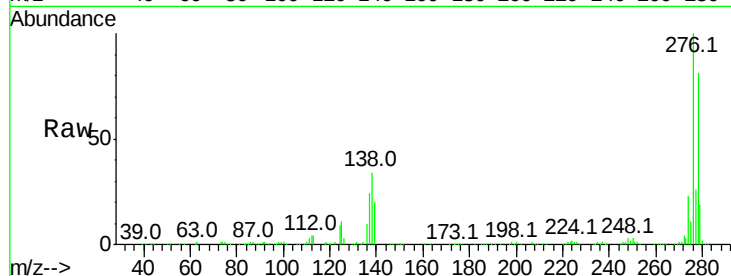
#85
Indeno(1,2,3-cd)pyrene
Concen: 39.05 ng
RT: 21.69 min Scan# 3359
Delta R.T. -0.00 min
Lab File: BF095189.D
Acq: 17 May 2017 17:25

Instrument :
BNA_F
ClientSampleID :
PB99021BS

Tot Ion	Ratio	Lower	Upper
276	100		
138	34.6	27.8	41.6
277	25.7	20.2	30.4

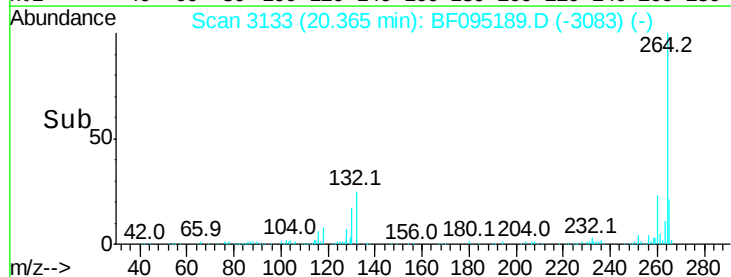
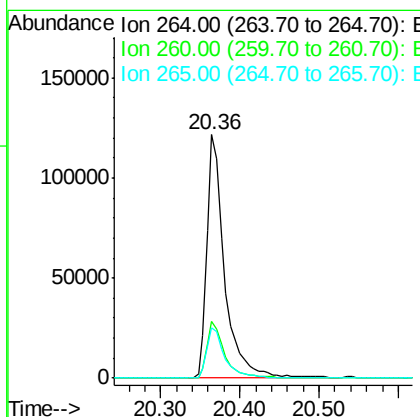
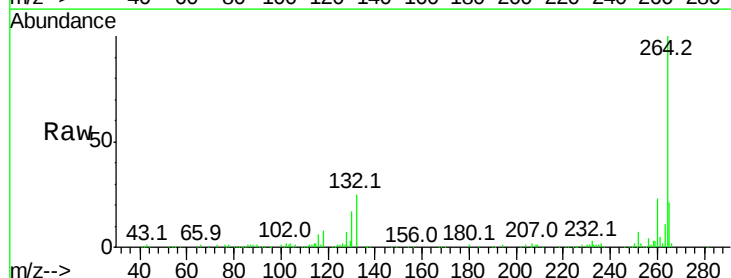
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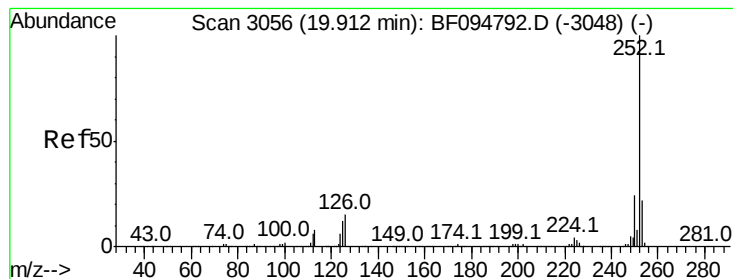
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#86
Perylene-d12
Concen: 20.00 ng
RT: 20.36 min Scan# 3133
Delta R.T. -0.01 min
Lab File: BF095189.D
Acq: 17 May 2017 17:25

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.3	19.5	29.3
265	20.7	17.2	25.8





#87

Benzo(b)fluoranthene

Concen: 45.42 ng

RT: 19.96 min Scan# 3064

Delta R.T. -0.00 min

Lab File: BF095189.D

Acq: 17 May 2017 17:25

Instrument :

BNA_F

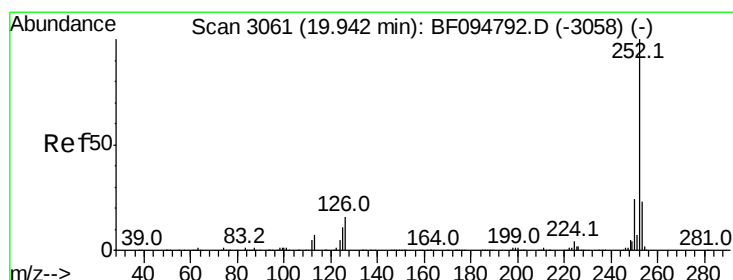
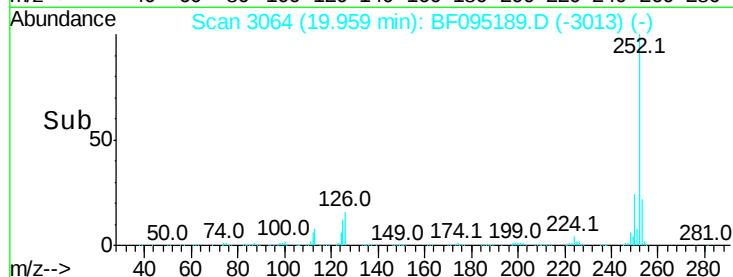
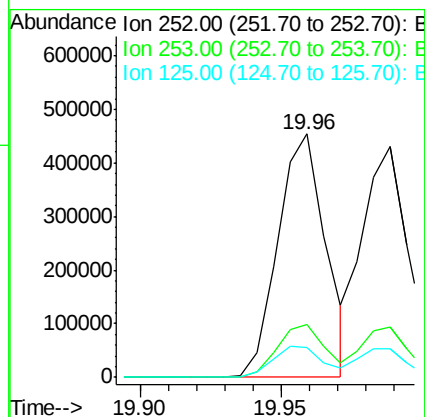
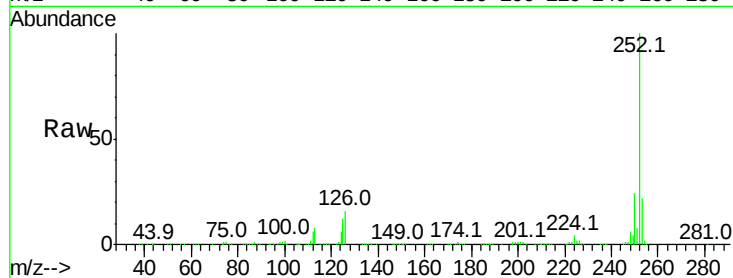
ClientSampleId :

PB99021BS

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.8	18.1	27.1
125	12.3	9.8	14.8

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#88

Benzo(k)fluoranthene

Concen: 47.75 ng

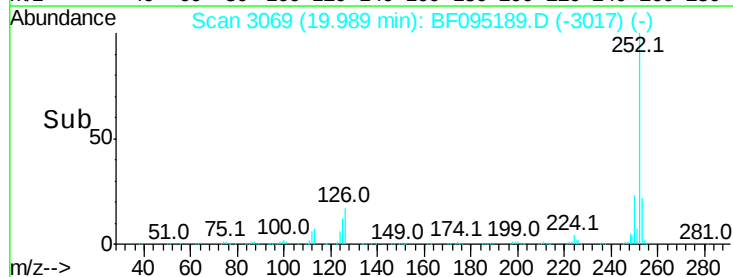
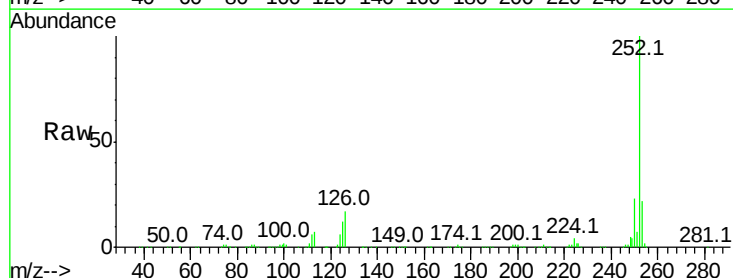
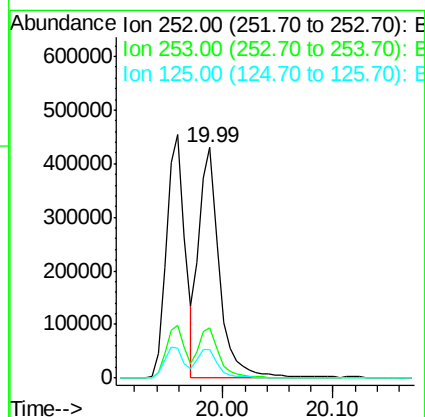
RT: 19.99 min Scan# 3069

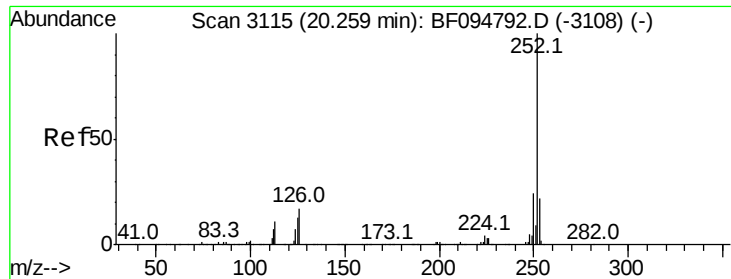
Delta R.T. 0.01 min

Lab File: BF095189.D

Acq: 17 May 2017 17:25

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





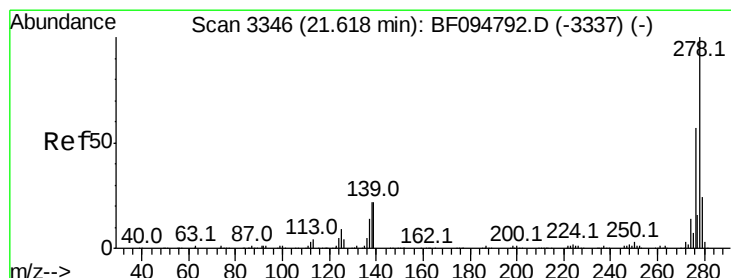
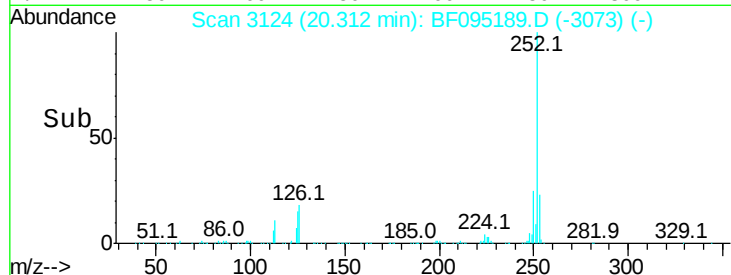
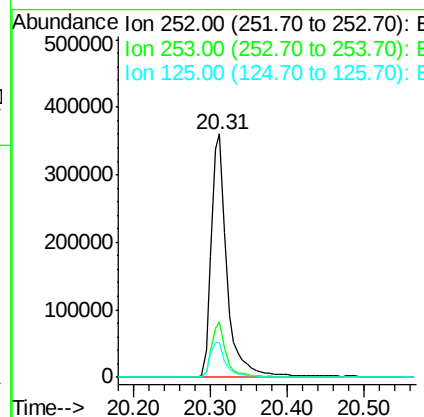
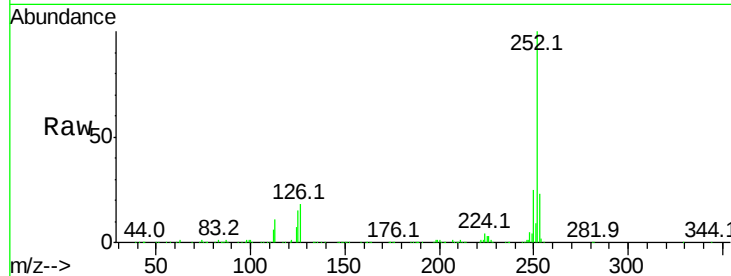
#89
Benzo(a)pyrene
Concen: 46.54 ng
RT: 20.31 min Scan# 3124
Delta R.T. -0.00 min
Lab File: BF095189.D
Acq: 17 May 2017 17:25

Instrument :
BNA_F
ClientSampleId :
PB99021BS

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.8	17.5	26.3
125	14.5	11.0	16.4

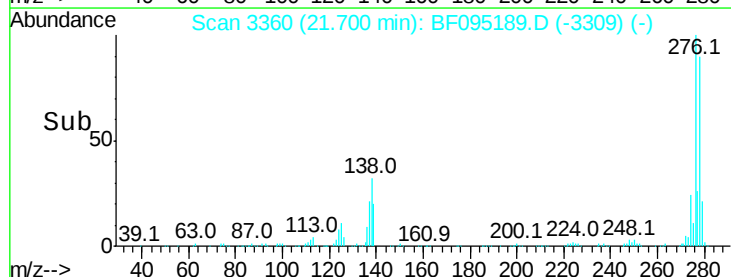
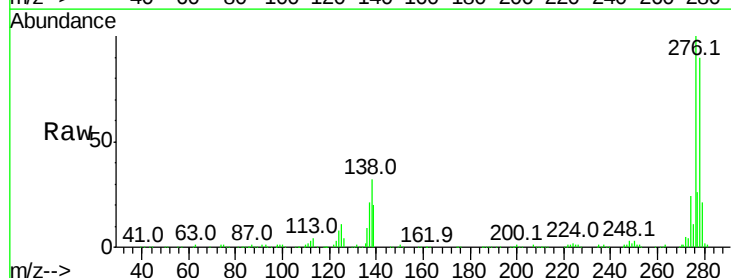
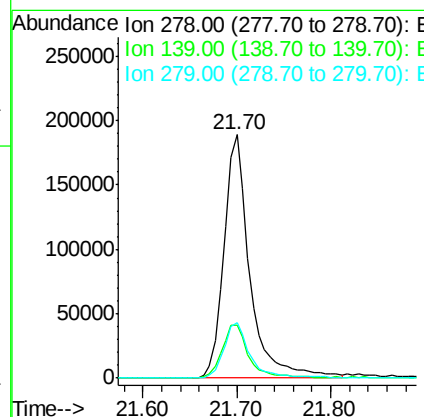
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#90
Dibenzo(a,h)anthracene
Concen: 40.73 ng
RT: 21.70 min Scan# 3360
Delta R.T. -0.00 min
Lab File: BF095189.D
Acq: 17 May 2017 17:25

Tgt Ion	Ratio	Lower	Upper
278	100		
139	21.7	16.6	24.8
279	23.0	19.3	28.9





#91

Benzo(a,h,i)perylene

Concen: 44.99 ng

RT: 22.08 min Scan# 3425

Delta R.T. -0.00 min

Lab File: BF095189.D

Acq: 17 May 2017 17:25

Instrument :

BNA_F

ClientSampleId :

PB99021BS

Tot Ion:	276	Resp:	394672
Ion Ratio	Lower	Upper	
276	100		
277	23.6	18.6	28.0
138	28.1	25.4	38.0

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