

Data Path : Z:\HPCHEM1\BNA F\DATA\BF100517\
 Data File : BF099094.D
 Acq On : 5 Oct 2017 10:12
 Operator : SJ/JU
 Sample : PB102887BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB102887BS

Manual Integrations
 APPROVED

Sohil
 10/6/2017 5:34:45 PM

Quant Time: Oct 06 14:14:37 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF092317.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Oct 05 17:20:48 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.87	152	145434	20.00	ng	0.00
21) Naphthalene-d8	8.15	136	609123	20.00	ng	0.00
38) Acenaphthene-d10	9.90	164	283487	20.00	ng	0.00
63) Phenanthrene-d10	11.39	188	502177	20.00	ng	0.00
75) Chrysene-d12	14.04	240	372540	20.00	ng	0.00
86) Perylene-d12	15.50	264	319293	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.50	112	1092322	119.56	ng	0.02
7) Phenol-d6	6.50	99	1347440	119.56	ng	0.00
23) Nitrobenzene-d5	7.43	82	821426	86.48	ng	0.00
41) 2,4,6-Tribromophenol	10.70	330	288475	124.36	ng	0.00
44) 2-Fluorobiphenyl	9.23	172	1452225	85.52	ng	0.00
78) Terphenyl-d14	12.97	244	1298938	79.29	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.72	88	137592	31.528	ng	97
3) Pyridine	3.49	79	411756	34.878	ng	95
4) n-Nitrosodimethylamine	3.45	42	181801	36.315	ng	86
6) Aniline	6.53	93	546151	35.906	ng	98
8) 2-Chlorophenol	6.66	128	409380	39.569	ng	96
9) Benzaldehyde	6.42	77	194286	29.719	ng	93
10) Phenol	6.52	94	519446	41.212	ng	99
11) bis(2-Chloroethyl)ether	6.61	93	388322	39.630	ng	97
12) 1,3-Dichlorobenzene	6.81	146	424364	39.166	ng	98
13) 1,4-Dichlorobenzene	6.89	146	428928	38.908	ng	98
14) 1,2-Dichlorobenzene	7.04	146	398896	39.160	ng	99
15) Benzyl Alcohol	7.01	79	336737	40.729	ng	97
16) 2,2'-oxybis(1-Chloropropan	7.14	45	582713	38.170	ng	96
17) 2-Methylphenol	7.12	107	353553	41.765	ng	98
18) Hexachloroethane	7.37	117	153436	38.722	ng	94
19) n-Nitroso-di-n-propylamine	7.29	70	272369	37.853	ng	95
20) 3+4-Methylphenols	7.27	107	417836	39.016	ng	# 82
22) Acetophenone	7.28	105	547856	37.123	ng	# 99
24) Nitrobenzene	7.45	77	425005	39.445	ng	99
25) Isophorone	7.69	82	808792	41.186	ng	99
26) 2-Nitrophenol	7.77	139	237657	45.869	ng	89
27) 2,4-Dimethylphenol	7.80	122	400274	40.908	ng	97
28) bis(2-Chloroethoxy)methane	7.90	93	506344	41.375	ng	99
29) 2,4-Dichlorophenol	8.01	162	355630	42.332	ng	96
30) 1,2,4-Trichlorobenzene	8.09	180	343465	40.877	ng	99
31) Naphthalene	8.17	128	1159916	40.545	ng	100
32) Benzoic acid	7.94	122	236563	29.432	ng	98
33) 4-Chloroaniline	8.22	127	377582	31.605	ng	96
34) Hexachlorobutadiene	8.29	225	169613	39.192	ng	99
35) Caprolactam	8.60	113	135472m	50.271	ng	
36) 4-Chloro-3-methylphenol	8.70	107	381346	40.386	ng	97
37) 2-Methylnaphthalene	8.86	142	818259	43.998	ng	99
39) 1,2,4,5-Tetrachlorobenzene	9.03	216	312816	37.000	ng	99
40) Hexachlorocyclopentadiene	9.02	237	275013	71.180	ng	97

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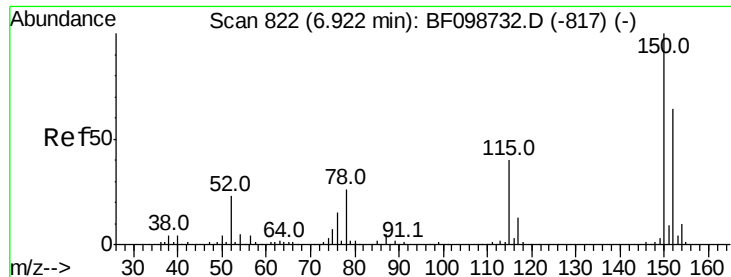
Manual Integrations
 APPROVED

Sohil
 10/6/2017 5:34:45 PM

Quant Time: Oct 06 14:14:37 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF092317.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.14	196	230154	38.427	ng	98
43) 2,4,5-Trichlorophenol	9.18	196	244796	40.943	ng	98
45) 1,1'-Biphenyl	9.33	154	932849	38.288	ng	99
46) 2-Chloronaphthalene	9.36	162	736934	40.285	ng	97
47) 2-Nitroaniline	9.45	65	228633	40.818	ng	94
48) Acenaphthylene	9.77	152	1140996	40.745	ng	100
49) Dimethylphthalate	9.63	163	883354	41.286	ng	100
50) 2,6-Dinitrotoluene	9.69	165	201499	43.258	ng	94
51) Acenaphthene	9.95	154	662888	37.369	ng	98
52) 3-Nitroaniline	9.86	138	186280	34.297	ng	97
53) 2,4-Dinitrophenol	9.97	184	190795	78.771	ng	96
54) Dibenzofuran	10.12	168	1000274	42.351	ng	100
55) 4-Nitrophenol	10.03	139	348729	75.934	ng	84
56) 2,4-Dinitrotoluene	10.10	165	264144	43.694	ng	86
57) Fluorene	10.46	166	773430	40.742	ng	99
58) 2,3,4,6-Tetrachlorophenol	10.23	232	185301	44.865	ng	97
59) Diethylphthalate	10.33	149	848053	40.563	ng	98
60) 4-Chlorophenyl-phenylether	10.45	204	342988	40.222	ng	98
61) 4-Nitroaniline	10.49	138	237535	45.332	ng	91
62) Azobenzene	10.60	77	803517	41.799	ng	97
64) 4,6-Dinitro-2-methylphenol	10.51	198	127151	41.616	ng	85
65) n-Nitrosodiphenylamine	10.57	169	702393	40.374	ng	99
66) 4-Bromophenyl-phenylether	10.93	248	207374	42.188	ng	100
67) Hexachlorobenzene	11.00	284	206952	39.420	ng	96
68) Atrazine	11.09	200	226216	43.219	ng	100
69) Pentachlorophenol	11.20	266	214218	65.563	ng	98
70) Phenanthrene	11.42	178	1108717	41.247	ng	99
71) Anthracene	11.47	178	1155805	42.024	ng	99
72) Carbazole	11.63	167	1094521	40.638	ng	99
73) Di-n-butylphthalate	11.95	149	1323973	40.840	ng	100
74) Fluoranthene	12.61	202	1153060	42.362	ng	97
76) Benzidine	12.73	184	652575	47.360	ng	98
77) Pyrene	12.84	202	1191197	41.932	ng	100
79) Butylbenzylphthalate	13.44	149	586921	43.961	ng	96
80) Benzo(a)anthracene	14.02	228	982756	43.565	ng	99
81) 3,3'-Dichlorobenzidine	13.99	252	269215	32.555	ng	99
82) Chrysene	14.06	228	908774	42.315	ng	99
83) Bis(2-ethylhexyl)phthalate	14.00	149	798679	43.446	ng	# 99
84) Di-n-octyl phthalate	14.61	149	1315723	44.448	ng	96
85) Indeno(1,2,3-cd)pyrene	17.00	276	756398	44.028	ng	96
87) Benzo(b)fluoranthene	15.07	252	878500m	44.750	ng	
88) Benzo(k)fluoranthene	15.11	252	779714	40.212	ng	99
89) Benzo(a)pyrene	15.45	252	782847	43.443	ng	# 97
90) Dibenzo(a,h)anthracene	17.01	278	627326	43.499	ng	# 95
91) Benzo(g,h,i)perylene	17.45	276	638296	44.776	ng	96

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



#1

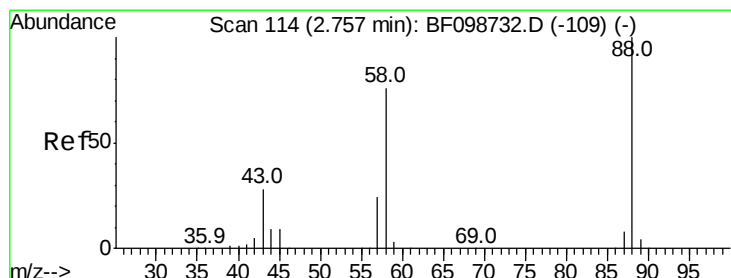
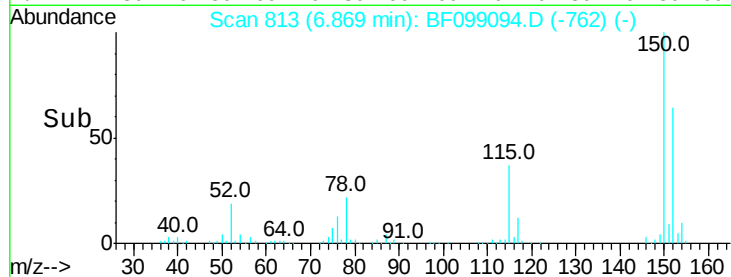
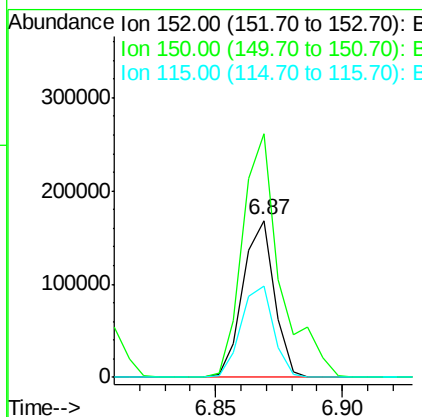
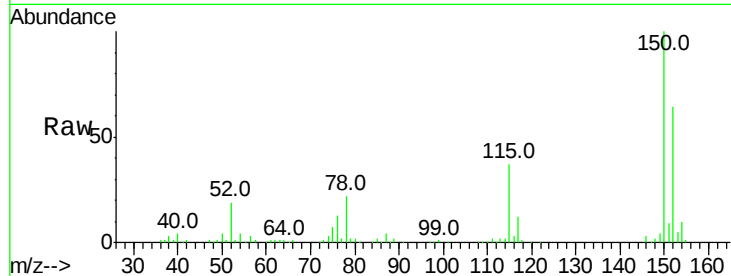
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.87 min Scan# 813
Delta R.T. -0.00 min
Lab File: BF099094.D
Acq: 5 Oct 2017 10:12

Instrument :
BNA_F
ClientSampleId :
PB102887BS

Tot Ion	Ratio	Lower	Upper
152	100		
150	155.5	124.6	186.8
115	58.3	50.1	75.1

Manual Integrations
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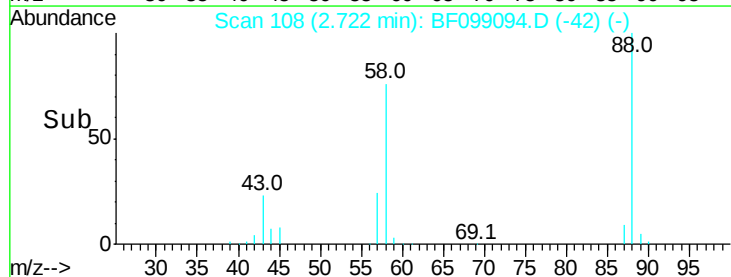
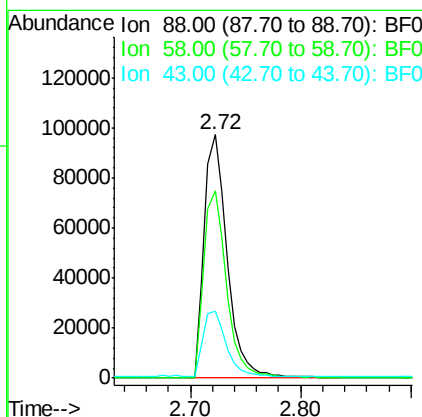
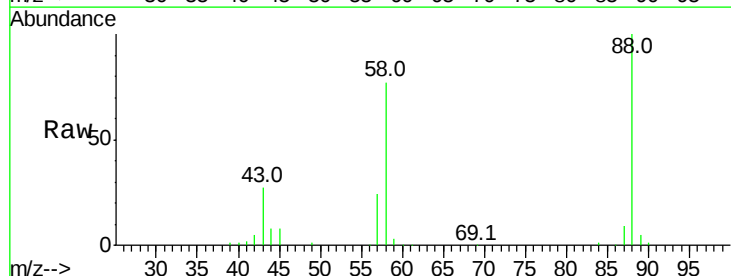
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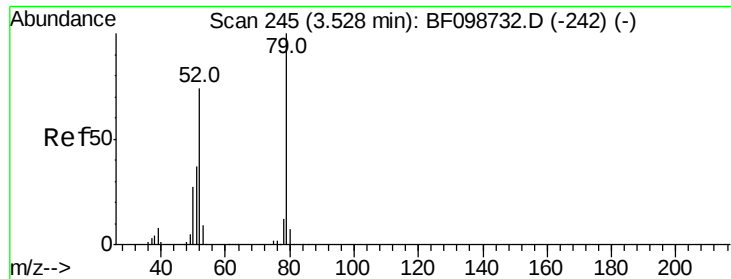


#2

1,4-Dioxane
Concen: 31.528 ng
RT: 2.72 min Scan# 108
Delta R.T. 0.09 min
Lab File: BF099094.D
Acq: 5 Oct 2017 10:12

Tgt Ion	Ratio	Lower	Upper
88	100		
58	76.7	62.6	93.8
43	27.0	24.6	37.0





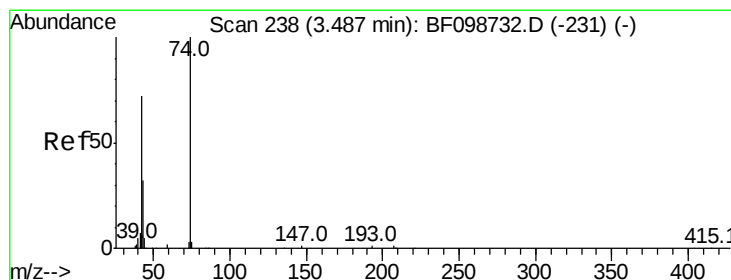
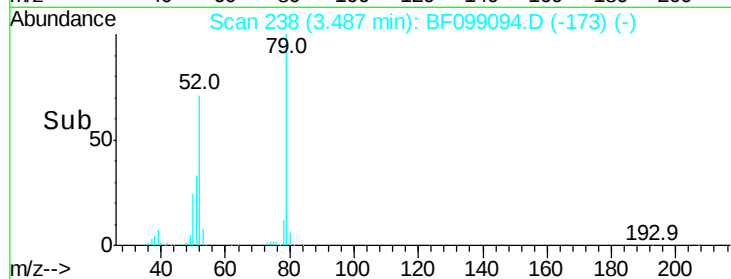
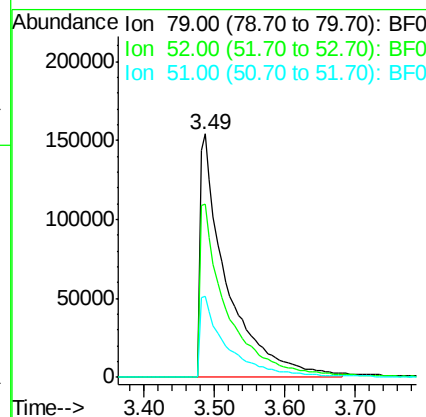
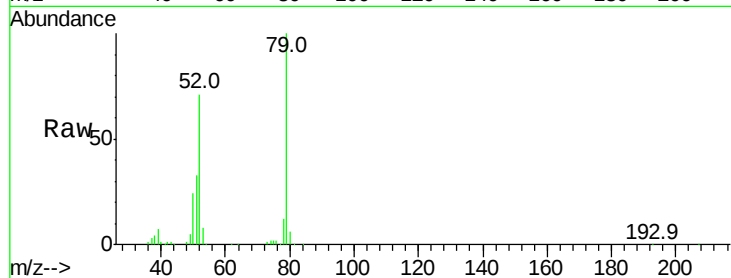
#3
 Pvridine
 Concen: 34.878 ng
 RT: 3.49 min Scan# 238
 Delta R.T. 0.08 min
 Lab File: BF099094.D
 Acq: 5 Oct 2017 10:12

Instrument :
 BNA_F
 ClientSampleId :
 PB102887BS

Tot Ion	Ratio	Lower	Upper
79	100		
52	71.4	59.8	89.6
51	33.5	29.8	44.8

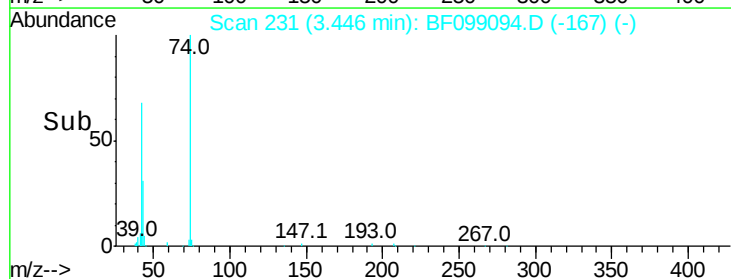
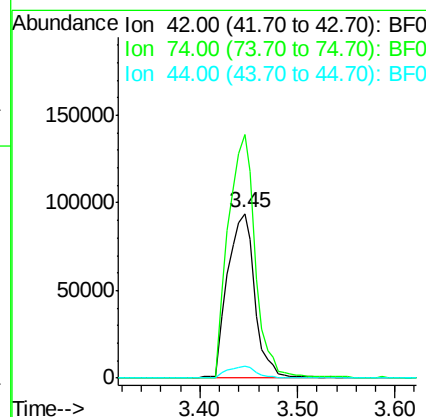
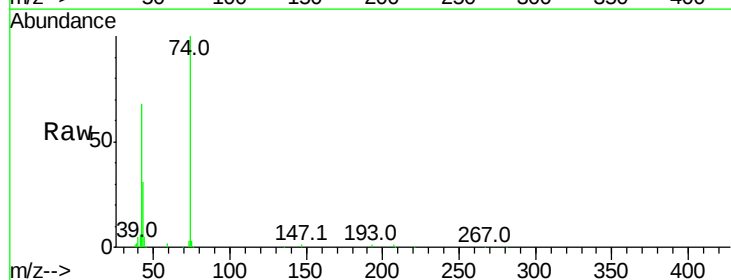
Manual Integrations
 APPROVED

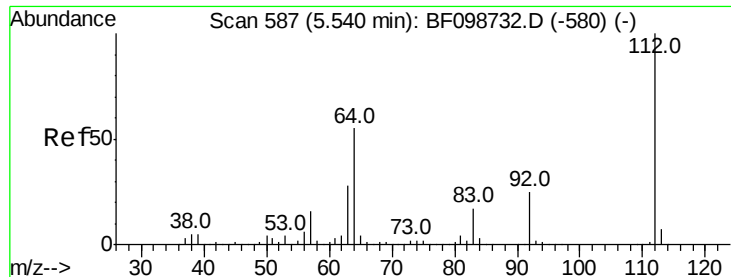
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#4
 n-Nitrosodimethylamine
 Concen: 36.315 ng
 RT: 3.45 min Scan# 231
 Delta R.T. 0.08 min
 Lab File: BF099094.D
 Acq: 5 Oct 2017 10:12

Tgt Ion	Ratio	Lower	Upper
42	100		
74	147.9	104.9	157.3
44	7.5	6.9	10.3





#5

2-Fluorophenol

Concen: 119.564 ng

RT: 5.50 min Scan# 580

Delta R.T. 0.02 min

Lab File: BF099094.D

Acq: 5 Oct 2017 10:12

Instrument :

BNA_F

ClientSampled :

PB102887BS

Tot Ion:112 Resp: 1092322

Ion Ratio Lower Upper

112 100

64 56.4 47.9 71.9

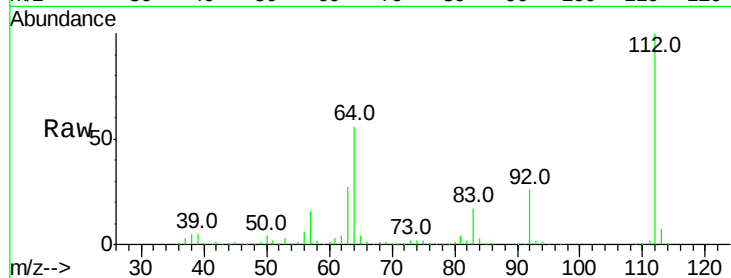
63 27.3 23.7 35.5

Manual Integrations

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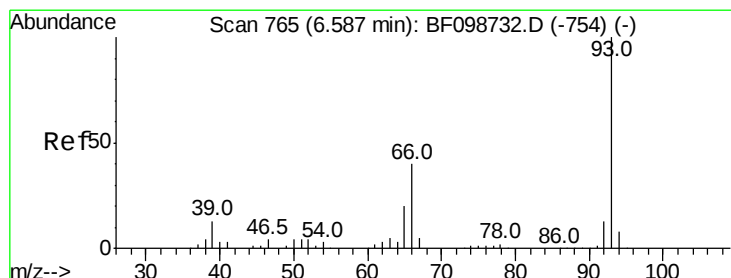
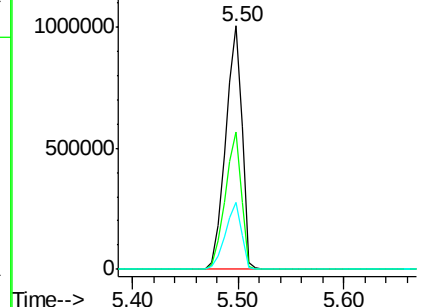
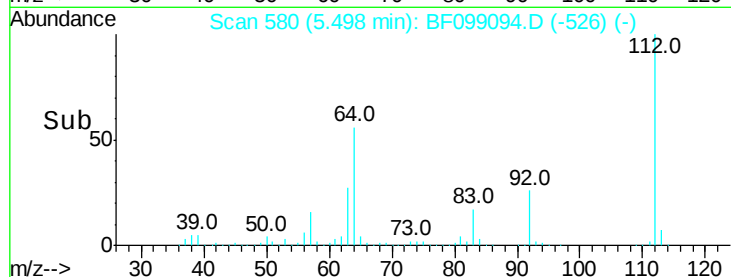
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Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 35.906 ng

RT: 6.53 min Scan# 756

Delta R.T. -0.00 min

Lab File: BF099094.D

Acq: 5 Oct 2017 10:12

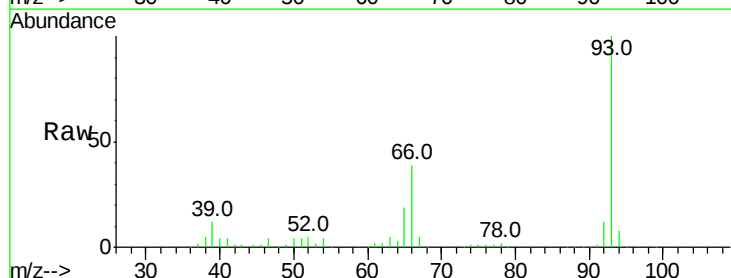
Tgt Ion: 93 Resp: 546151

Ion Ratio Lower Upper

93 100

66 38.9 32.2 48.2

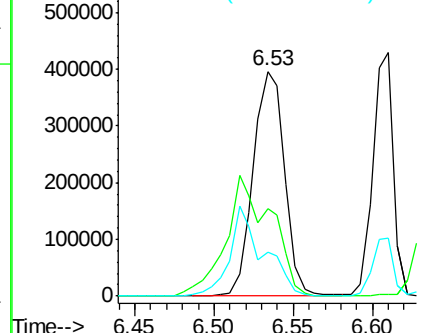
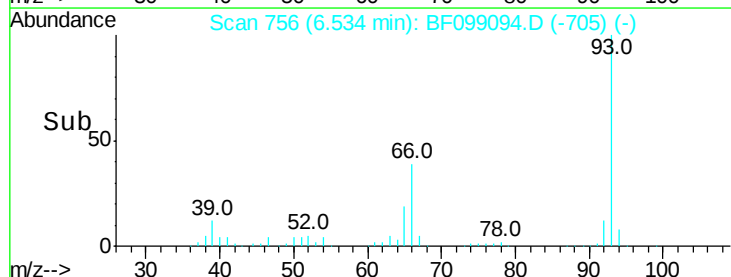
65 19.4 16.4 24.6

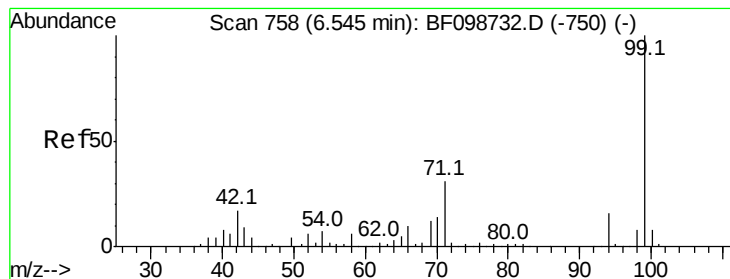


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 119.559 ng

RT: 6.50 min Scan# 751

Delta R.T. 0.01 min

Lab File: BF099094.D

Acq: 5 Oct 2017 10:12

Instrument :

BNA_F

ClientSampleId :

PB102887BS

Tot Ion: 99 Resp: 1347440

Ion Ratio Lower Upper

99 100

42 15.8 14.5 21.7

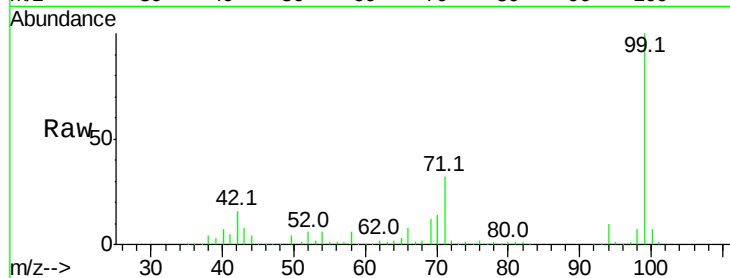
71 31.6 25.4 38.0

Manual Integrations

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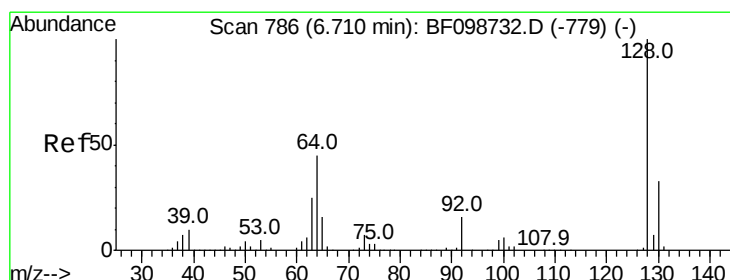
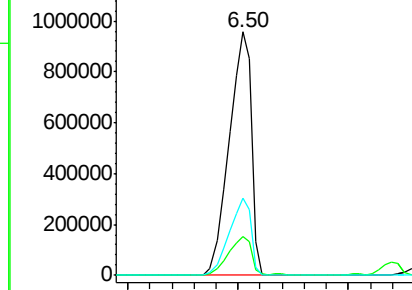
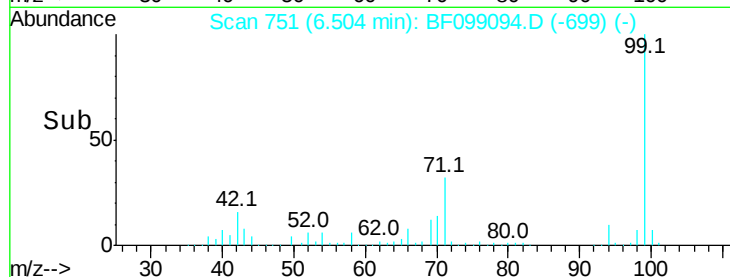
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Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0



#8

2-Chlorophenol

Concen: 39.569 ng

RT: 6.66 min Scan# 777

Delta R.T. -0.00 min

Lab File: BF099094.D

Acq: 5 Oct 2017 10:12

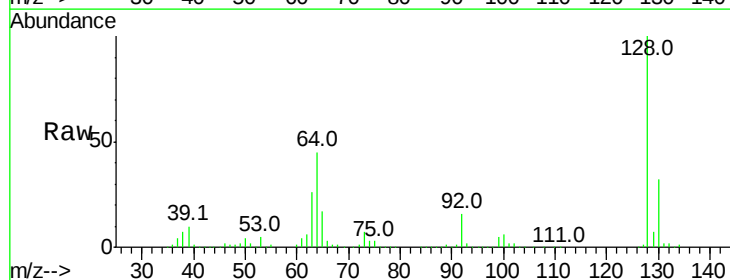
Tgt Ion:128 Resp: 409380

Ion Ratio Lower Upper

128 100

130 32.4 13.0 53.0

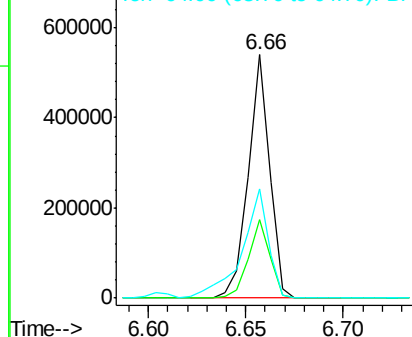
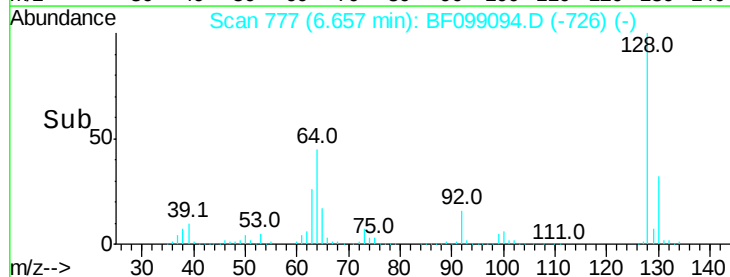
64 45.0 29.4 69.4

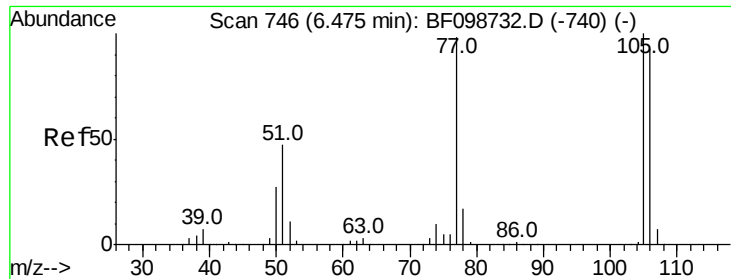


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0





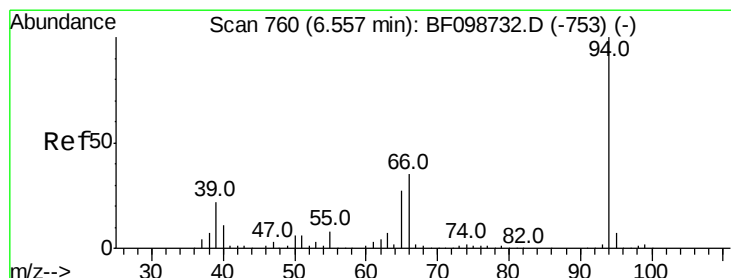
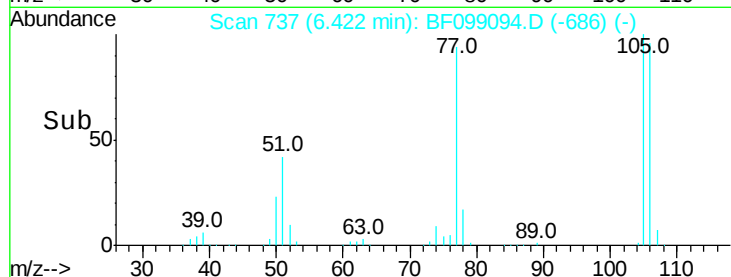
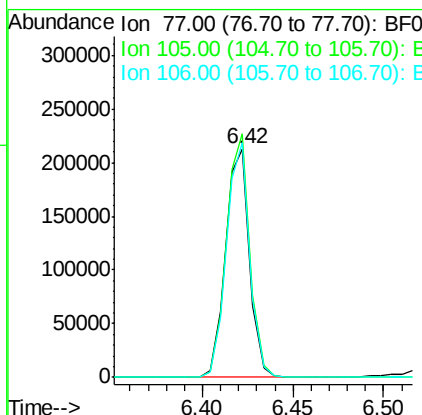
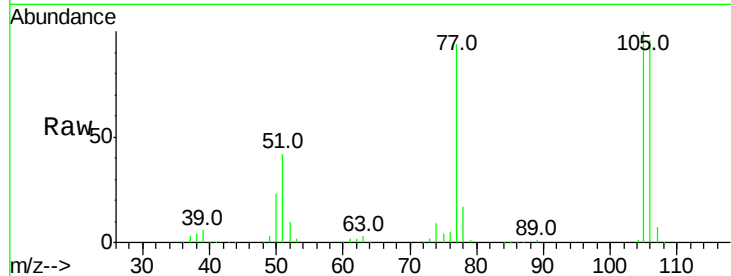
#9
Benzaldehyde
Concen: 29.719 ng
RT: 6.42 min Scan# 737
Delta R.T. -0.00 min
Lab File: BF099094.D
Acq: 5 Oct 2017 10:12

Instrument :
BNA_F
ClientSampleId :
PB102887BS

Tot Ion	Ratio	Lower	Upper
77	100		
105	106.5	81.1	121.1
106	102.4	74.5	114.5

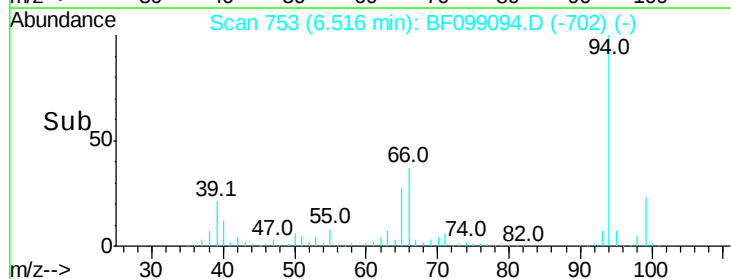
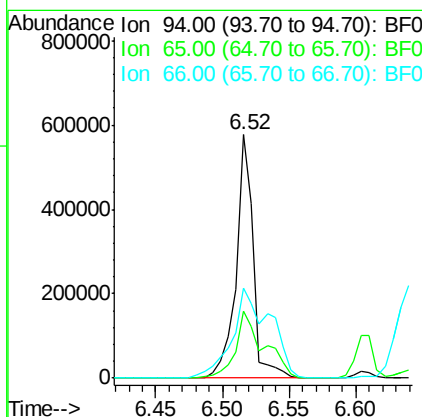
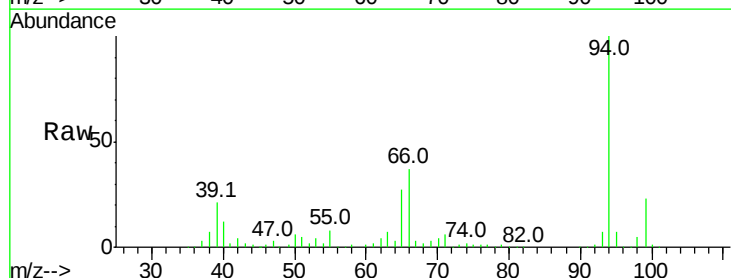
Manual Integrations
APPROVED

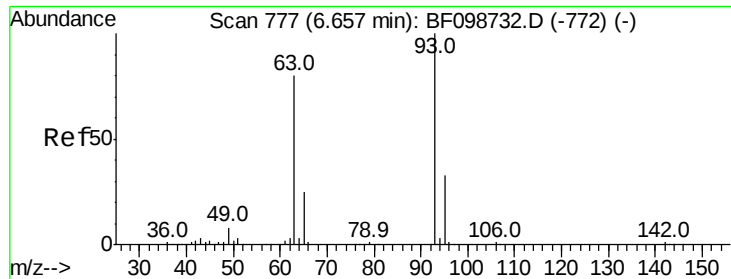
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#10
Phenol
Concen: 41.212 ng
RT: 6.52 min Scan# 753
Delta R.T. -0.00 min
Lab File: BF099094.D
Acq: 5 Oct 2017 10:12

Tgt Ion	Ratio	Lower	Upper
94	100		
65	27.3	7.9	47.9
66	36.7	16.2	56.2





#11

bis(2-Chloroethyl)ether

Concen: 39.630 ng

RT: 6.61 min Scan# 769

Delta R.T. 0.01 min

Lab File: BF099094.D

Acq: 5 Oct 2017 10:12

Instrument :

BNA_F

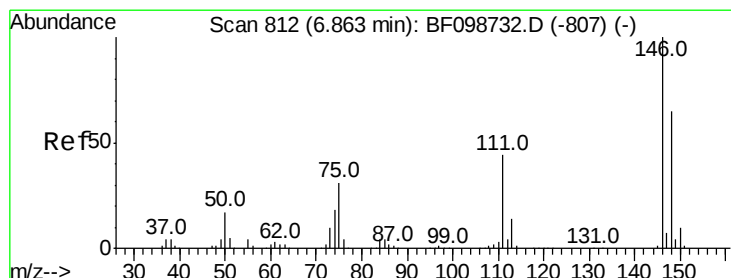
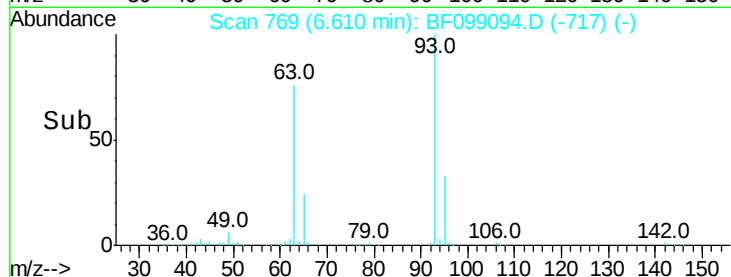
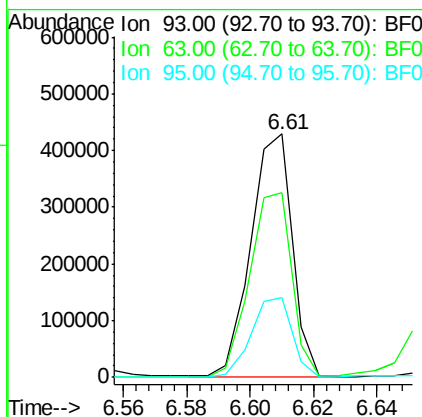
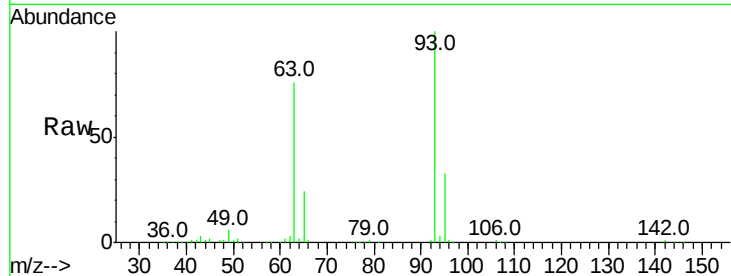
ClientSampleId :

PB102887BS

Tot Ion:	93	Resp:	388322
Ion Ratio	Lower	Upper	
93	100		
63	75.7	58.6	98.6
95	32.9	11.8	51.8

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#12

1,3-Dichlorobenzene

Concen: 39.166 ng

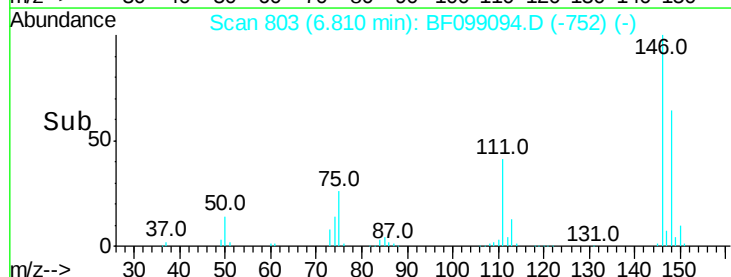
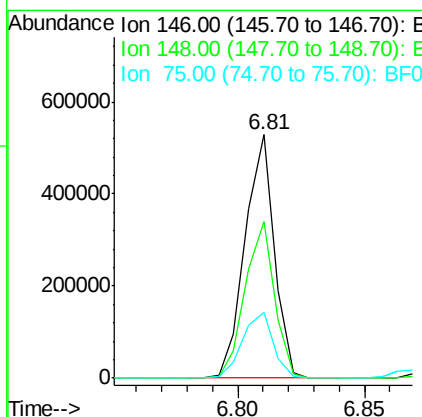
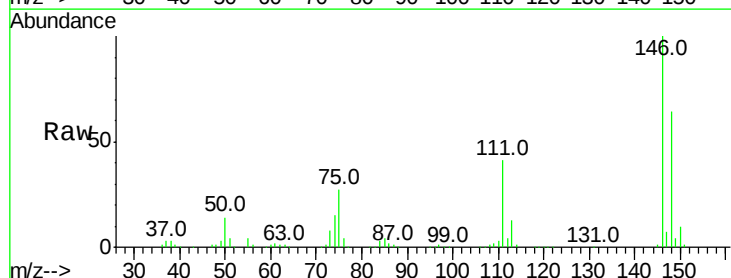
RT: 6.81 min Scan# 803

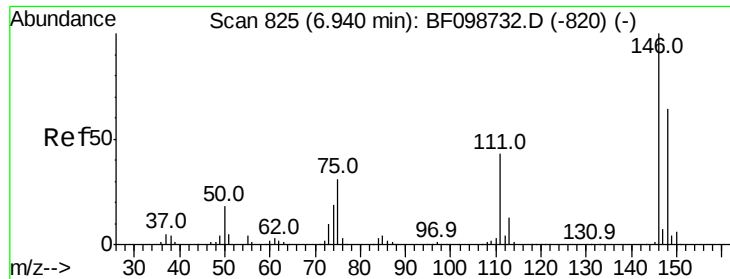
Delta R.T. -0.00 min

Lab File: BF099094.D

Acq: 5 Oct 2017 10:12

Tgt Ion:	146	Resp:	424364
Ion Ratio	Lower	Upper	
146	100		
148	64.5	51.8	77.8
75	27.0	24.2	36.4





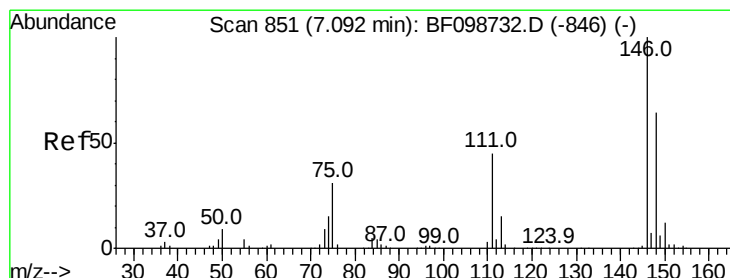
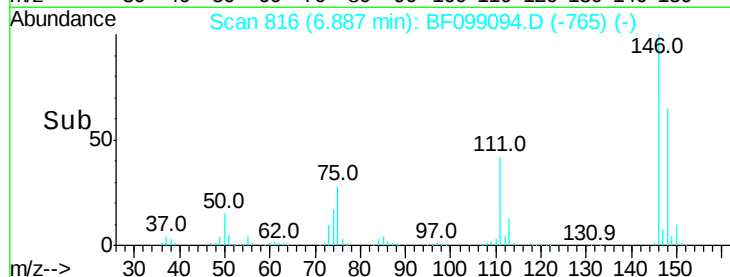
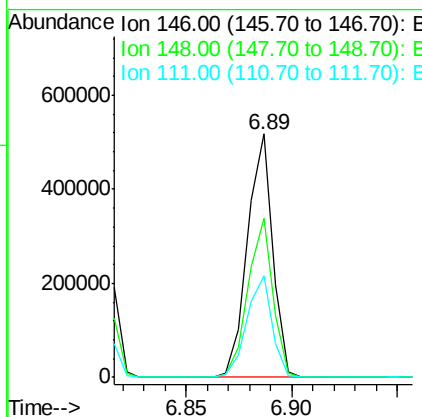
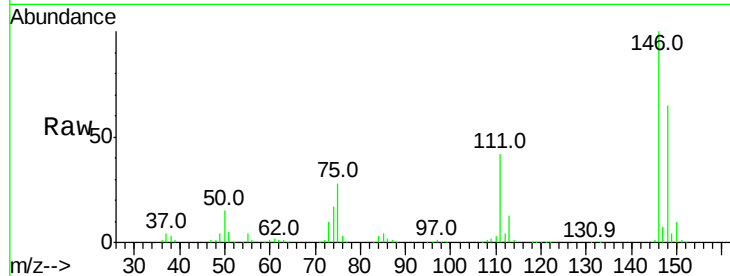
#13
 1,4-Dichlorobenzene
 Concen: 38.908 ng
 RT: 6.89 min Scan# 816
 Delta R.T. -0.00 min
 Lab File: BF099094.D
 Acq: 5 Oct 2017 10:12

Instrument :
 BNA_F
 ClientSampleId :
 PB102887BS

Tot Ion	Ratio	Lower	Upper
146	100		
148	65.4	50.8	76.2
111	41.6	34.2	51.2

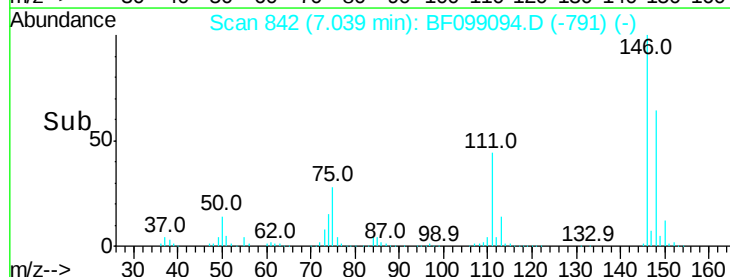
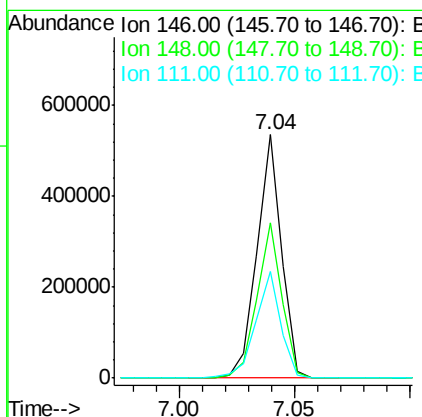
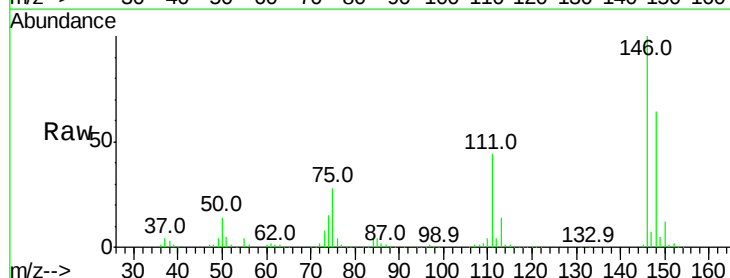
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#14
 1,2-Dichlorobenzene
 Concen: 39.160 ng
 RT: 7.04 min Scan# 842
 Delta R.T. -0.00 min
 Lab File: BF099094.D
 Acq: 5 Oct 2017 10:12

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.7	50.6	75.8
111	43.6	36.0	54.0





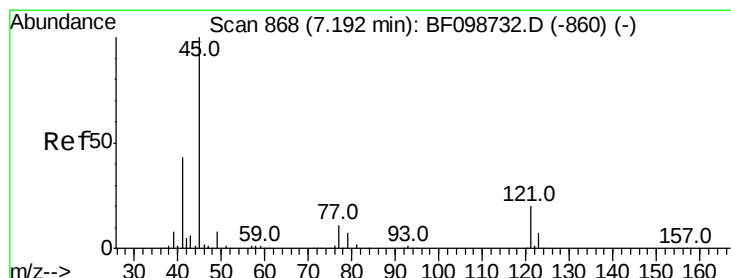
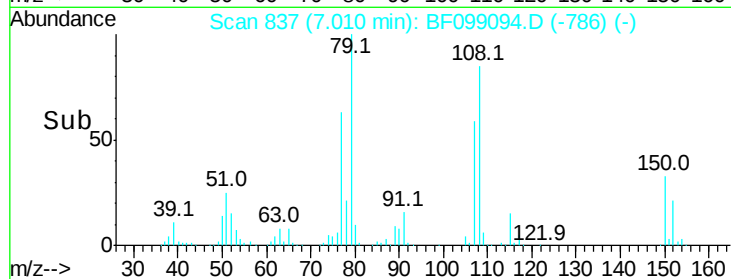
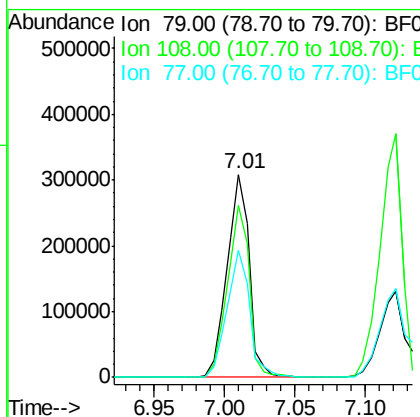
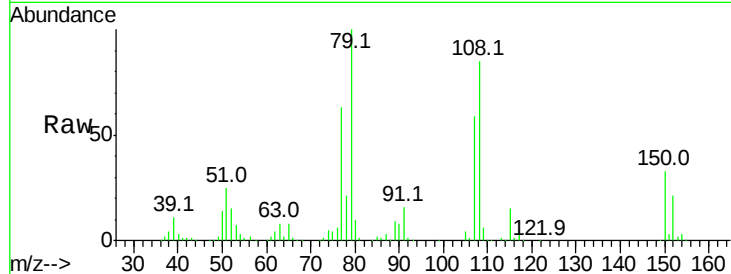
#15
Benzyl Alcohol
Concen: 40.729 ng
RT: 7.01 min Scan# 837
Delta R.T. -0.00 min
Lab File: BF099094.D
Acq: 5 Oct 2017 10:12

Instrument :
BNA_F
ClientSampled :
PB102887BS

Tot Ion	Ratio	Lower	Upper
79	100		
108	84.9	65.1	97.7
77	62.6	50.6	75.8

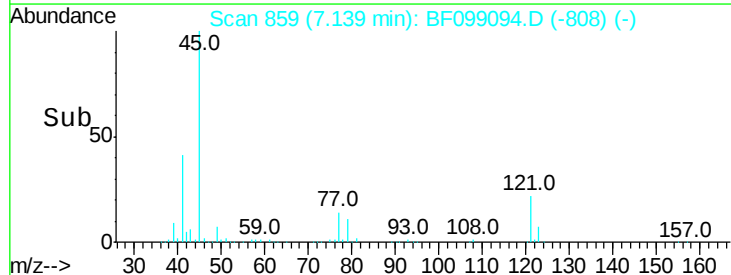
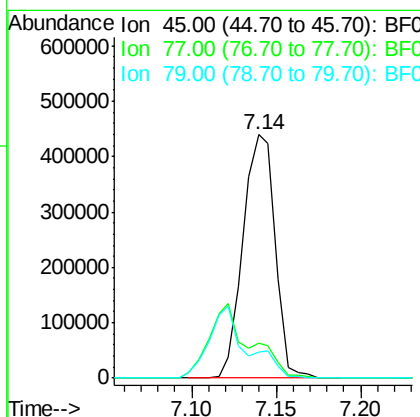
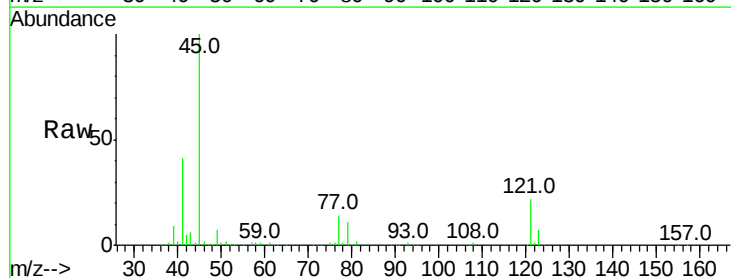
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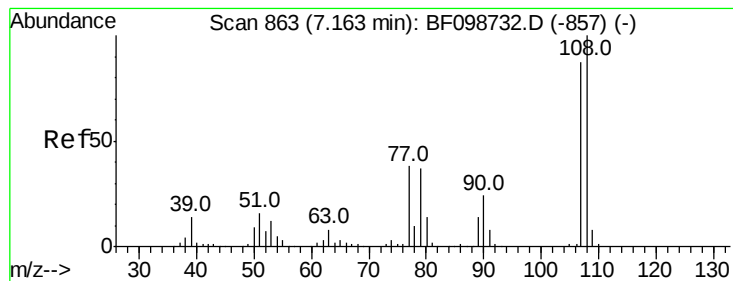
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#16
2,2'-oxybis(1-chloropropane)
Concen: 38.170 ng
RT: 7.14 min Scan# 859
Delta R.T. -0.00 min
Lab File: BF099094.D
Acq: 5 Oct 2017 10:12

Tgt Ion	Ratio	Lower	Upper
45	100		
77	14.5	0.0	32.9
79	10.9	0.0	29.6





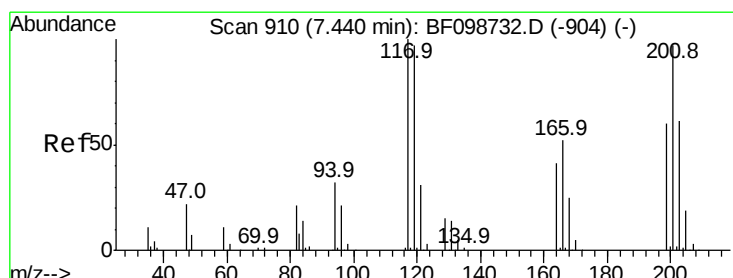
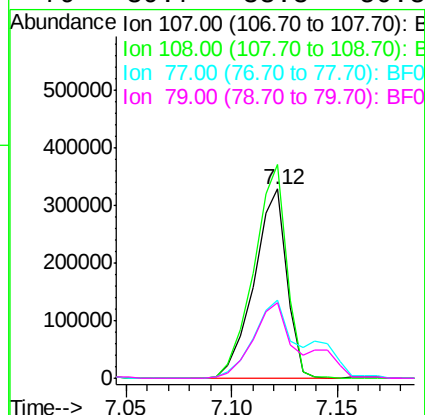
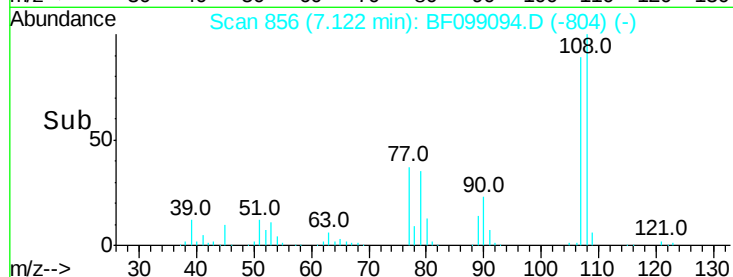
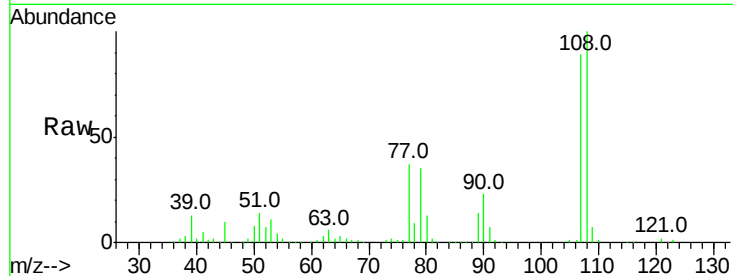
#17
2-Methylphenol
Concen: 41.765 ng
RT: 7.12 min Scan# 856
Delta R.T. 0.01 min
Lab File: BF099094.D
Acq: 5 Oct 2017 10:12

Instrument :
BNA_F
ClientSampleId :
PB102887BS

Tot Ion	107	Resp	353553
Ion	Ratio	Lower	Upper
107	100		
108	113.0	91.7	137.5
77	41.4	33.8	50.8
79	39.7	33.8	50.8

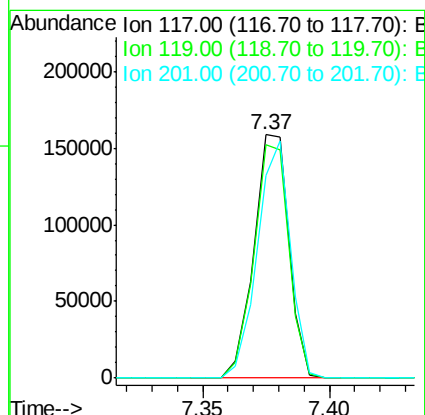
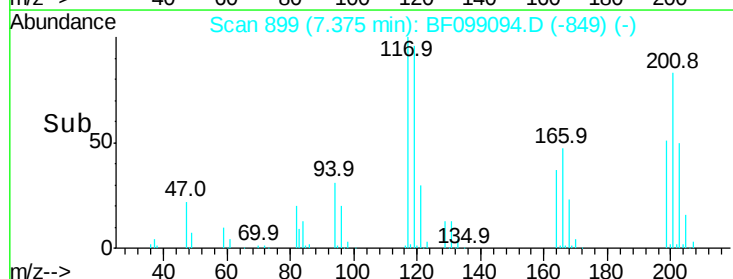
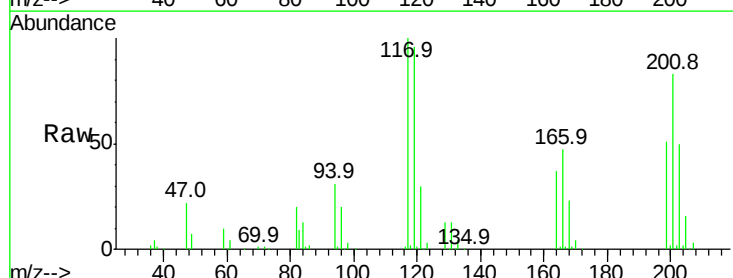
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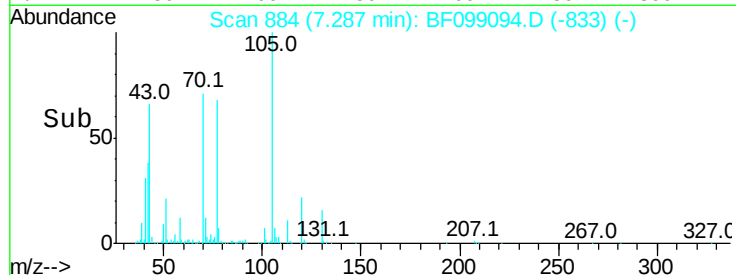
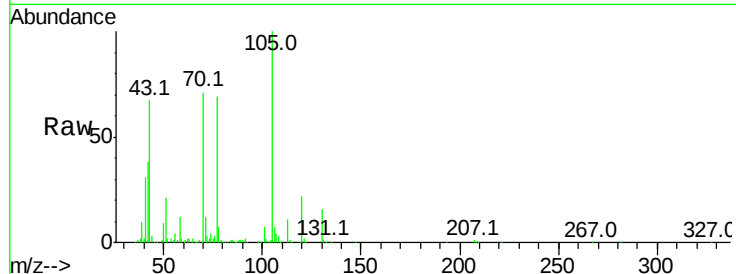
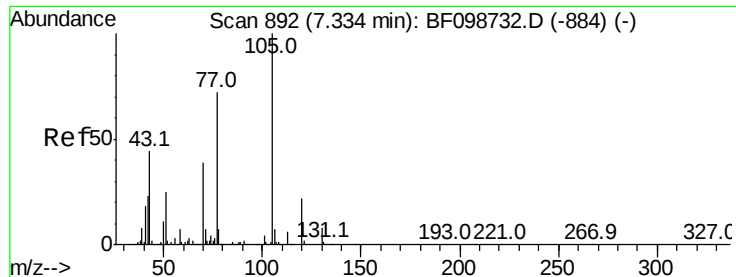
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#18
Hexachloroethane
Concen: 38.722 ng
RT: 7.37 min Scan# 899
Delta R.T. -0.01 min
Lab File: BF099094.D
Acq: 5 Oct 2017 10:12

Tgt Ion	117	Resp	153436
Ion	Ratio	Lower	Upper
117	100		
119	95.6	75.8	113.8
201	83.1	75.7	113.5





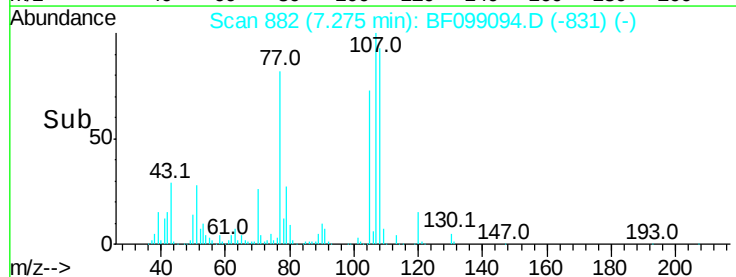
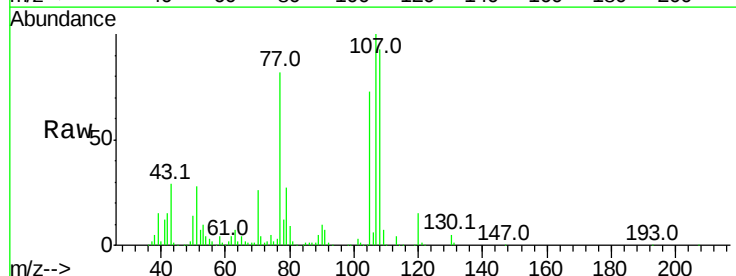
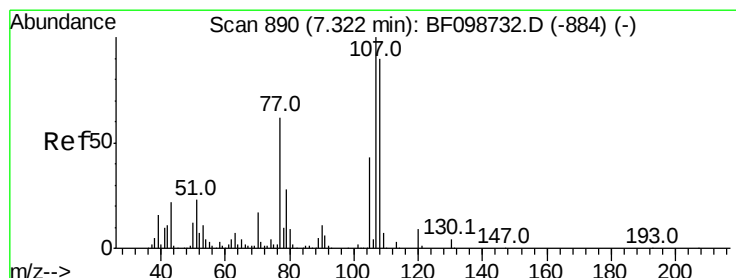
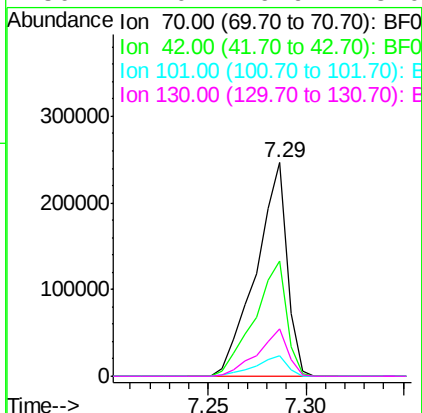
#19
n-Nitroso-di-n-propylamine
Concen: 37.853 ng
RT: 7.29 min Scan# 884
Delta R.T. -0.00 min
Lab File: BF099094.D
Acq: 5 Oct 2017 10:12

Instrument :
BNA_F
ClientSampleId :
PB102887BS

Tot Ion	Ratio	Lower	Upper
70	100		
42	54.2	47.5	71.3
101	9.8	7.4	11.2
130	22.0	16.6	25.0

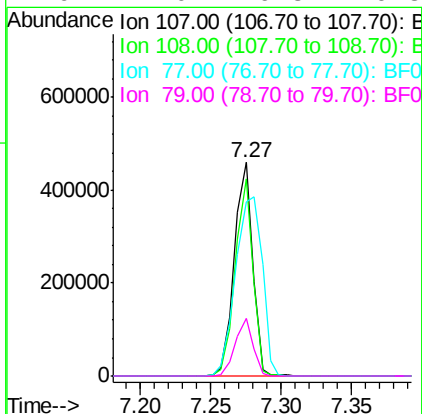
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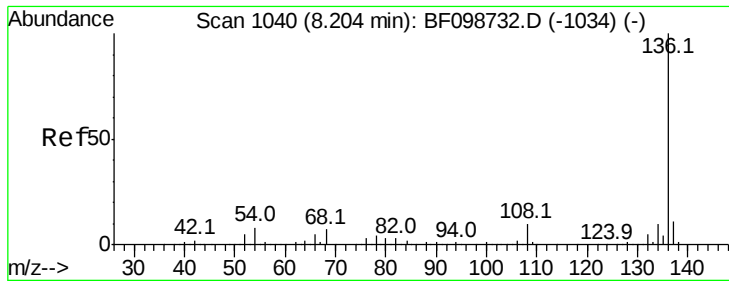
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#20
3+4-Methylphenols
Concen: 39.016 ng
RT: 7.27 min Scan# 882
Delta R.T. -0.00 min
Lab File: BF099094.D
Acq: 5 Oct 2017 10:12

Tgt Ion	Ratio	Lower	Upper
107	100		
108	92.5	68.2	108.2
77	81.5	26.7	66.7#
79	27.0	6.3	46.3





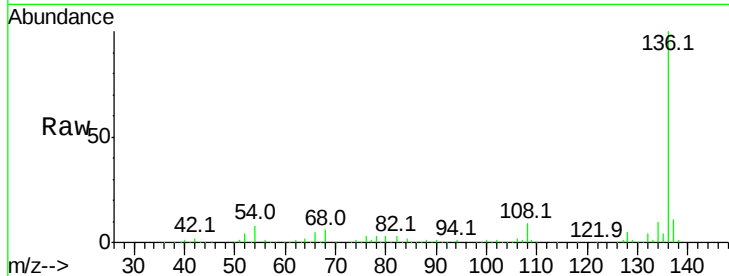
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.15 min Scan# 1031
Delta R.T. -0.00 min
Lab File: BF099094.D
Acq: 5 Oct 2017 10:12

Instrument :
BNA_F
ClientSampled :
PB102887BS

Tot Ion	Ratio	Resp	Lower	Upper
136	100	609123		
137	11.3	8.9	13.3	
54	7.5	6.6	9.8	
68	6.0	5.0	7.4	

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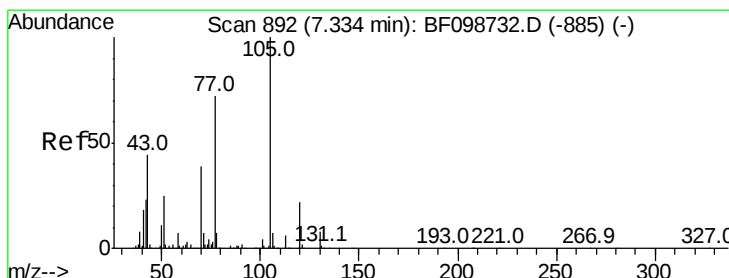
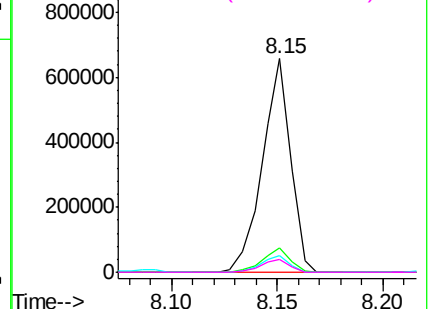
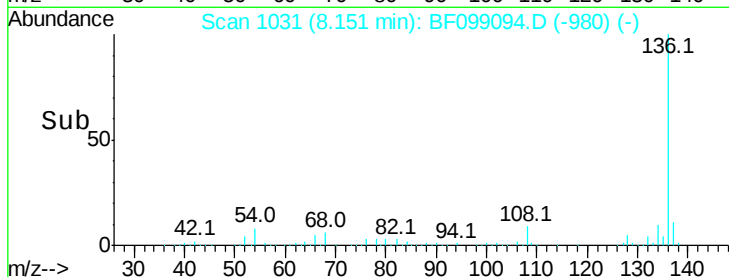


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

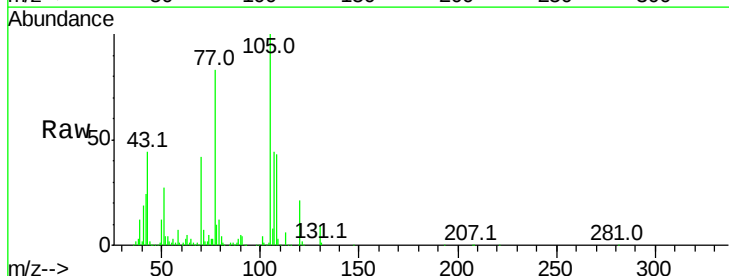
Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



#22
Acetophenone
Concen: 37.123 ng
RT: 7.28 min Scan# 883
Delta R.T. -0.00 min
Lab File: BF099094.D
Acq: 5 Oct 2017 10:12

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	547856		
71	7.0	4.4	6.6#	
51	27.5	22.3	33.5	
120	21.0	16.9	25.3	

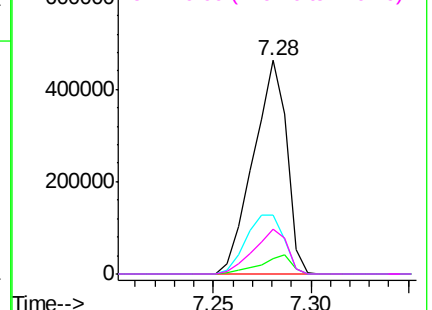
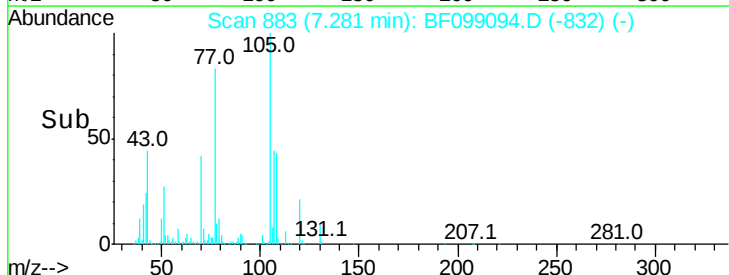


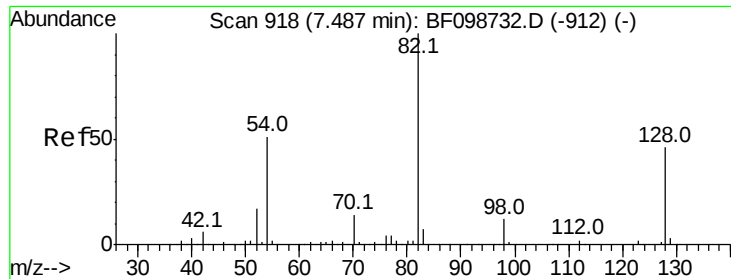
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF0

Ion 51.00 (50.70 to 51.70): BF0

Ion 120.00 (119.70 to 120.70): E





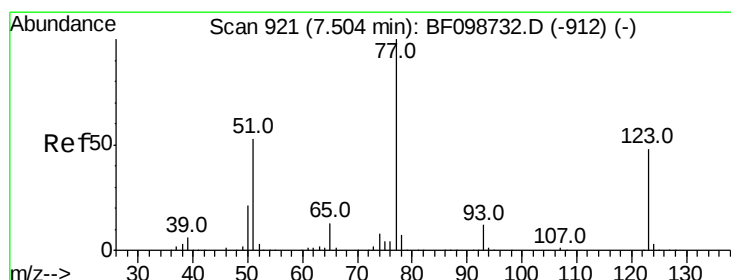
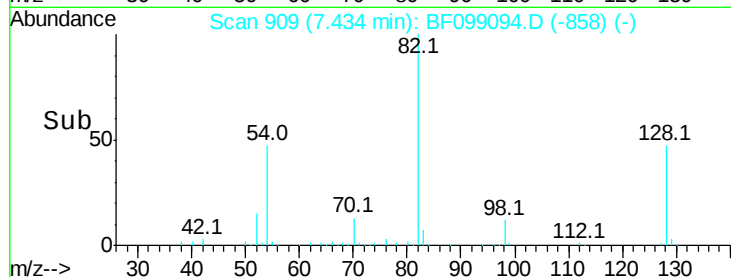
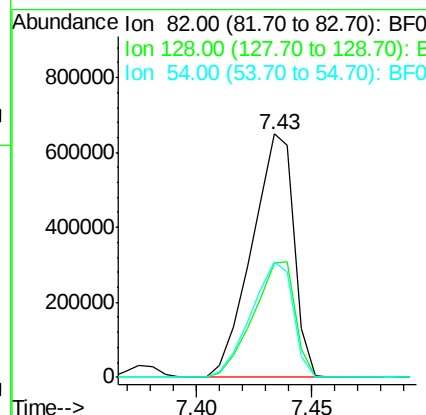
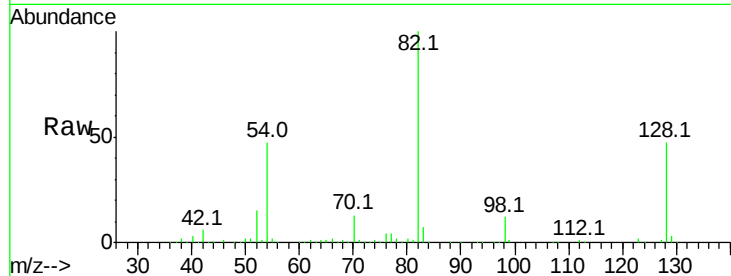
#23
 Nitrobenzene-d5
 Concen: 86.482 ng
 RT: 7.43 min Scan# 909
 Delta R.T. -0.00 min
 Lab File: BF099094.D
 Acq: 5 Oct 2017 10:12

Instrument :
 BNA_F
 ClientSampled :
 PB102887BS

Tot Ion	Ratio	Lower	Upper
82	100		
128	46.9	36.1	54.1
54	47.3	41.4	62.2

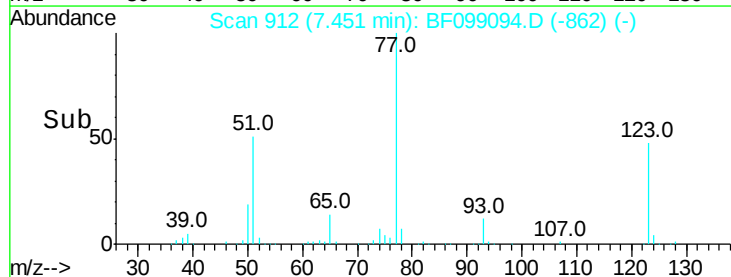
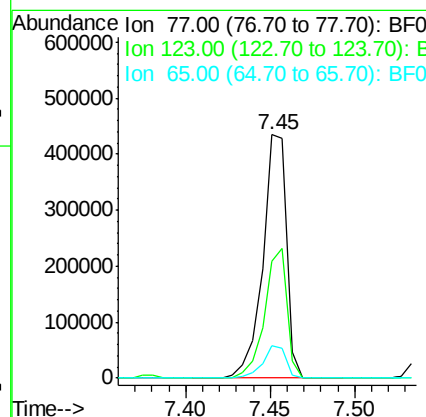
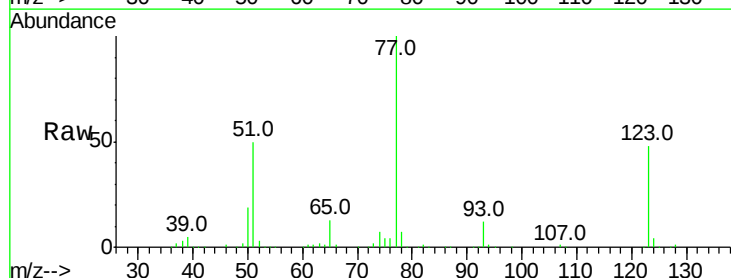
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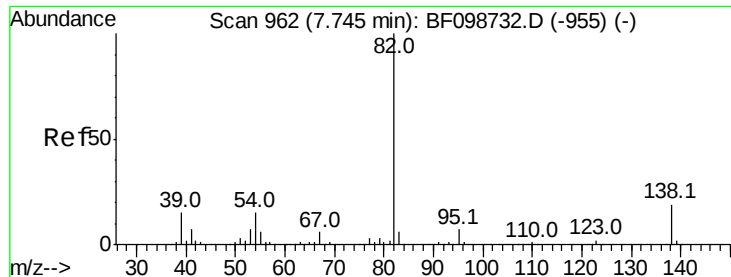
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#24
 Nitrobenzene
 Concen: 39.445 ng
 RT: 7.45 min Scan# 912
 Delta R.T. -0.01 min
 Lab File: BF099094.D
 Acq: 5 Oct 2017 10:12

Tgt Ion	Ratio	Lower	Upper
77	100		
123	48.1	37.9	56.9
65	13.4	11.0	16.4





#25

Isophorone

Concen: 41.186 ng

RT: 7.69 min Scan# 953

Delta R.T. -0.00 min

Lab File: BF099094.D

Acq: 5 Oct 2017 10:12

Instrument :

BNA_F

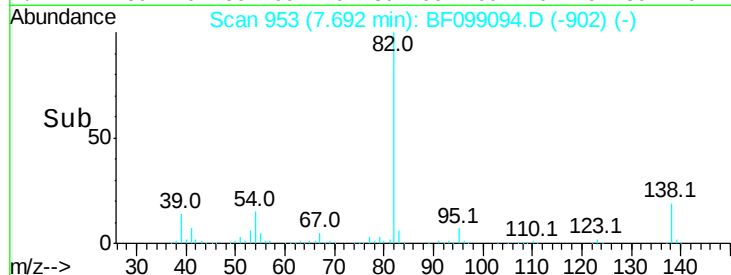
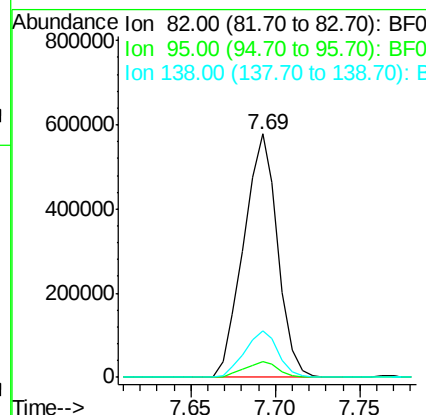
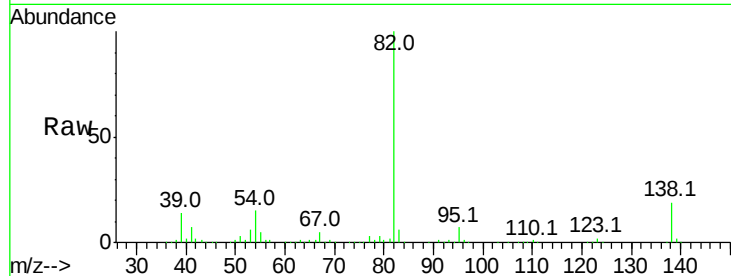
ClientSampleId :

PB102887BS

Tot Ion:	82	Resp:	808792
Ion Ratio	Lower	Upper	
82	100		
95	6.6	5.2	7.8
138	19.0	14.9	22.3

Manual Integrations
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#26

2-Nitrophenol

Concen: 45.869 ng

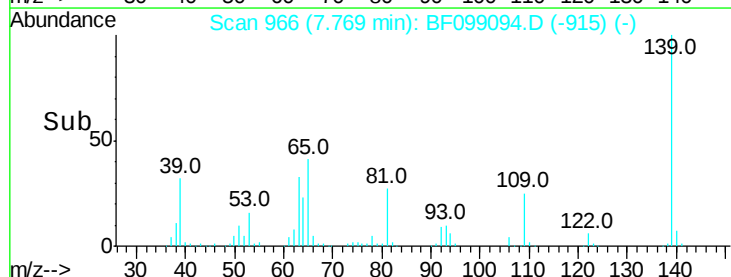
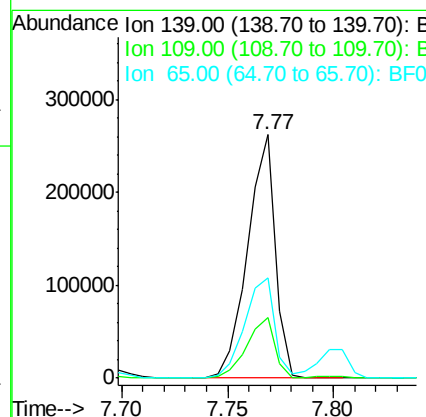
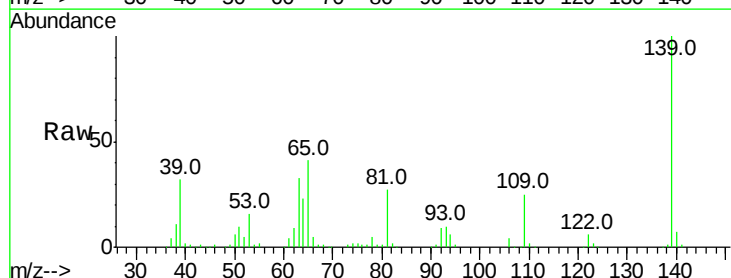
RT: 7.77 min Scan# 966

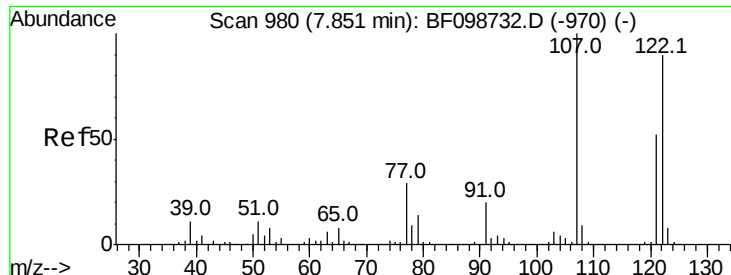
Delta R.T. -0.00 min

Lab File: BF099094.D

Acq: 5 Oct 2017 10:12

Tgt Ion:	139	Resp:	237657
Ion Ratio	Lower	Upper	
139	100		
109	24.6	22.7	34.1
65	41.3	40.5	60.7





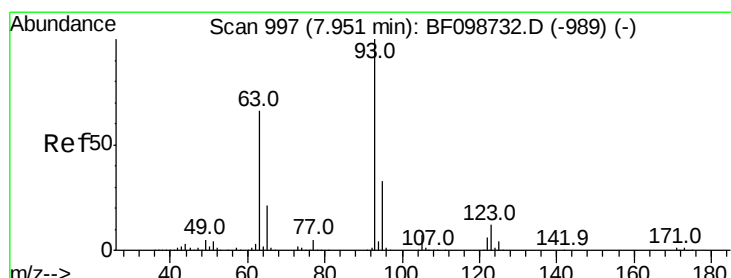
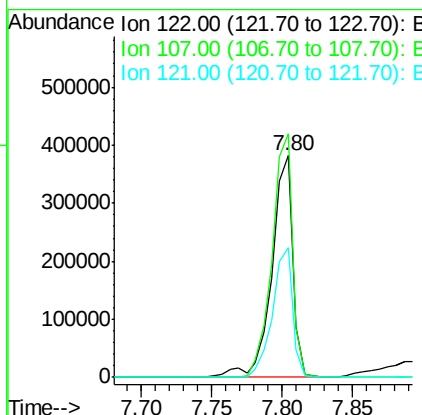
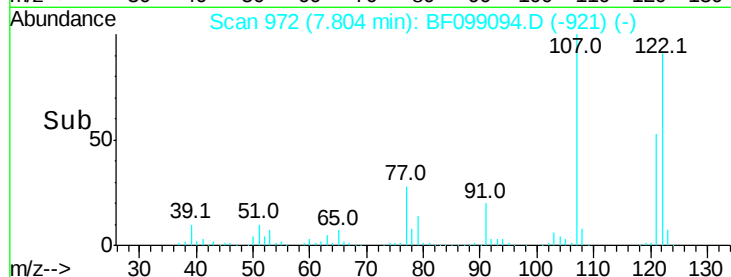
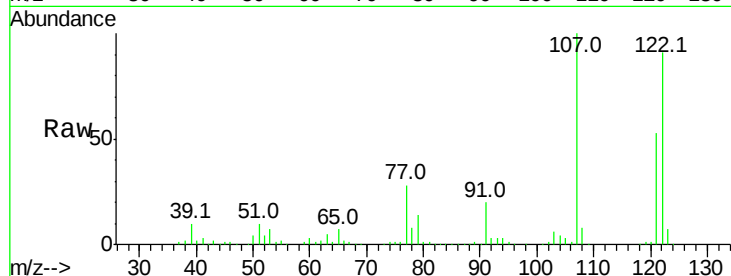
#27
 2,4-Dimethylphenol
 Concen: 40.908 ng
 RT: 7.80 min Scan# 972
 Delta R.T. -0.00 min
 Lab File: BF099094.D
 Acq: 5 Oct 2017 10:12

Instrument :
 BNA_F
 ClientSampled :
 PB102887BS

Tot Ion	Ratio	Lower	Upper
122	100		
107	109.9	91.2	136.8
121	58.6	47.2	70.8

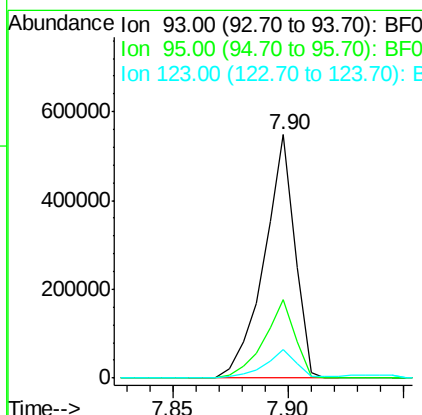
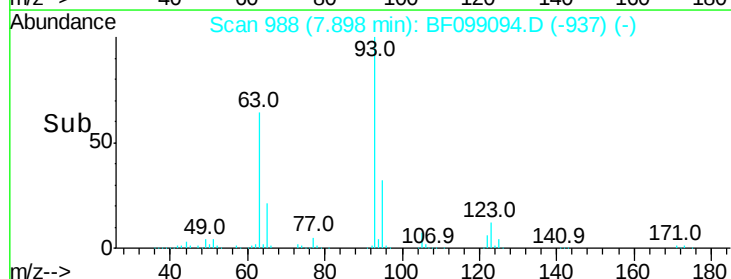
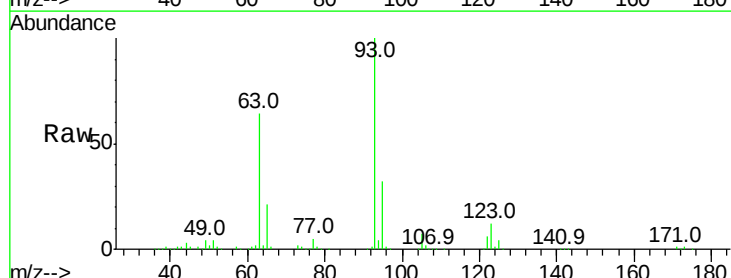
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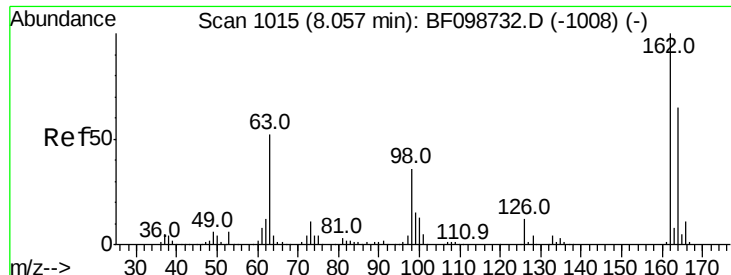
Sohil
 10/6/2017 5:34:45 PM



#28
 bis(2-Chloroethoxy)methane
 Concen: 41.375 ng
 RT: 7.90 min Scan# 988
 Delta R.T. -0.00 min
 Lab File: BF099094.D
 Acq: 5 Oct 2017 10:12

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.4	26.3	39.5
123	11.7	9.8	14.6





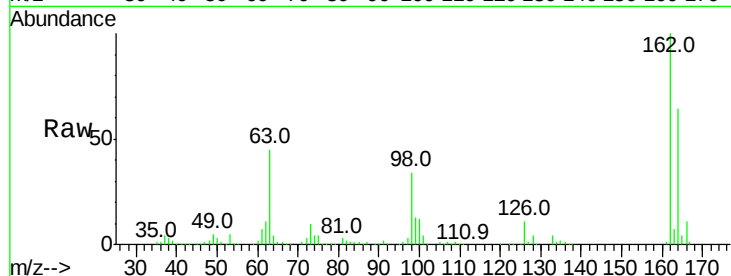
#29
 2,4-Dichlorophenol
 Concen: 42.332 ng
 RT: 8.01 min Scan# 1007
 Delta R.T. -0.00 min
 Lab File: BF099094.D
 Acq: 5 Oct 2017 10:12

Instrument :
 BNA_F
 ClientSampleId :
 PB102887BS

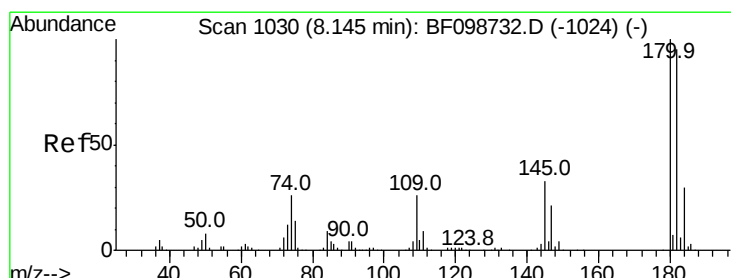
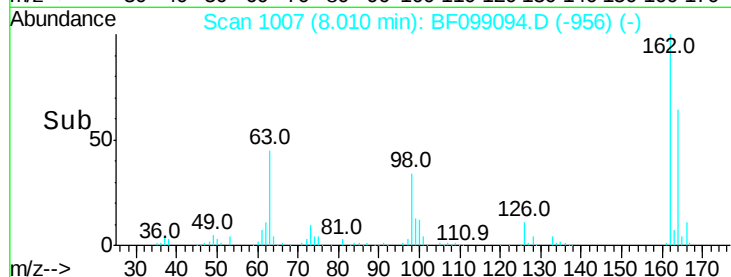
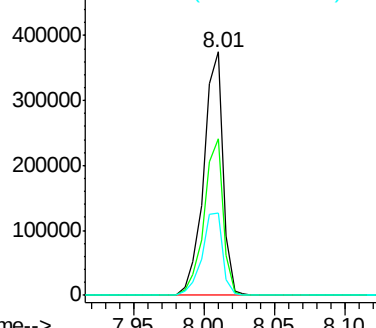
Tot Ion	Ratio	Resp	Lower	Upper
162	100	355630		
164	64.4	42.7	82.7	
98	33.7	18.1	58.1	

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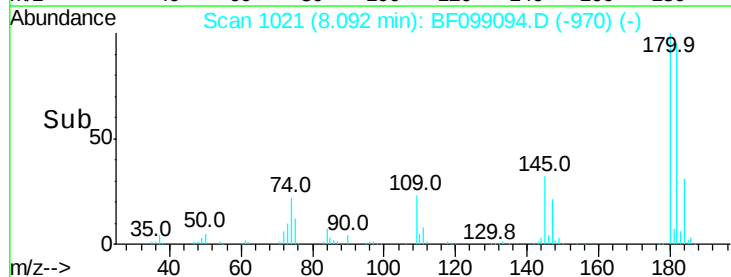
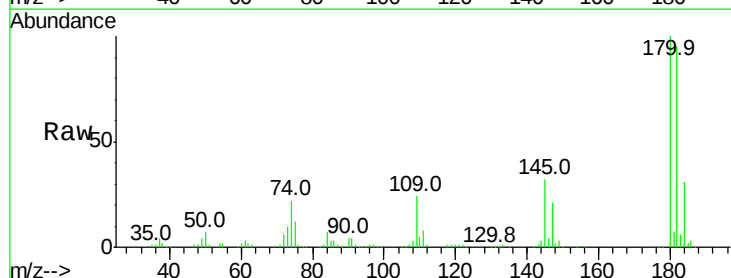
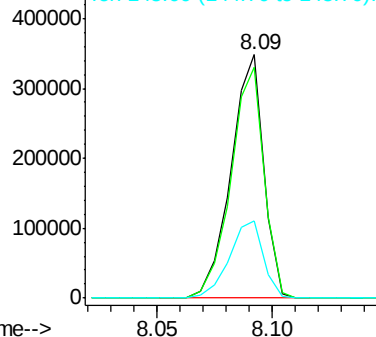
Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

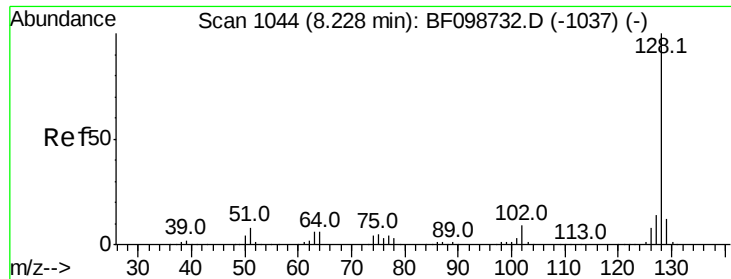


#30
 1,2,4-Trichlorobenzene
 Concen: 40.877 ng
 RT: 8.09 min Scan# 1021
 Delta R.T. -0.00 min
 Lab File: BF099094.D
 Acq: 5 Oct 2017 10:12

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	343465		
182	94.9	76.8	115.2	
145	31.9	26.5	39.7	

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: 40.545 ng

RT: 8.17 min Scan# 1035

Delta R.T. -0.00 min

Lab File: BF099094.D

Acq: 5 Oct 2017 10:12

Instrument :

BNA_F

ClientSampleId :

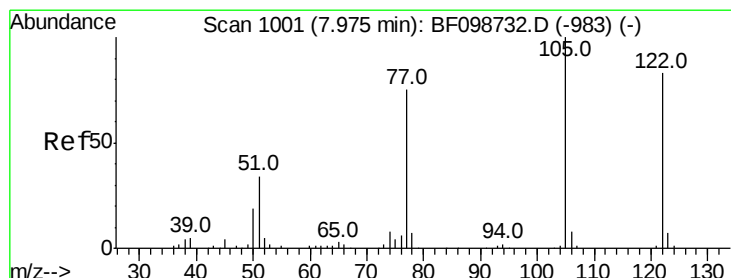
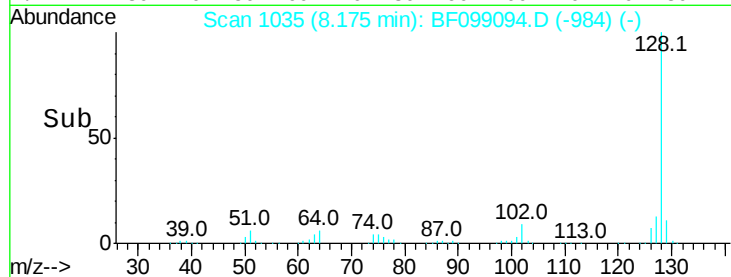
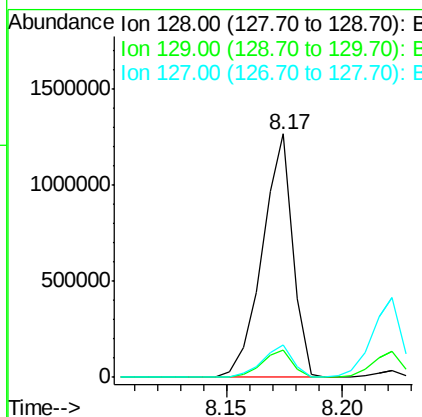
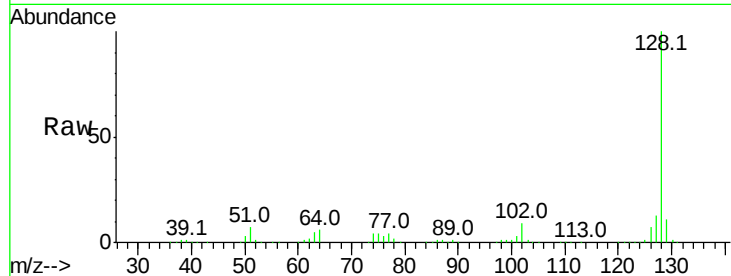
PB102887BS

Tot Ion:128 Resp: 1159916

Ion	Ratio	Lower	Upper
128	100		
129	11.0	8.8	13.2
127	13.3	10.9	16.3

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#32

Benzoic acid

Concen: 29.432 ng

RT: 7.94 min Scan# 995

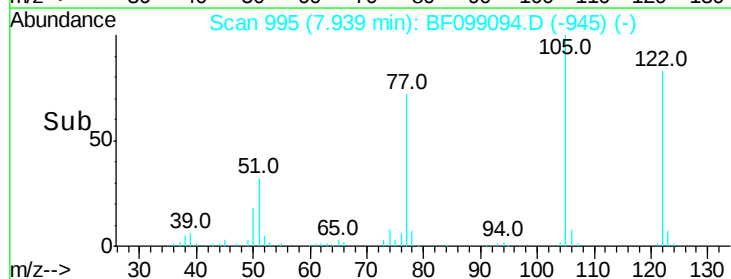
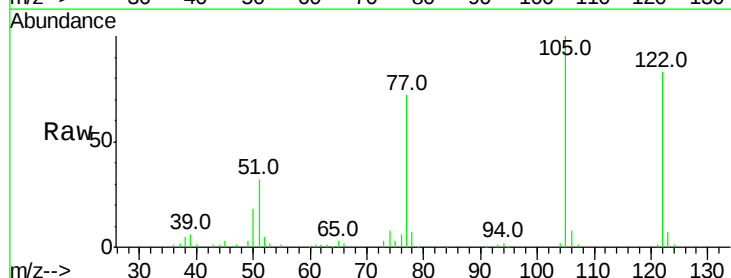
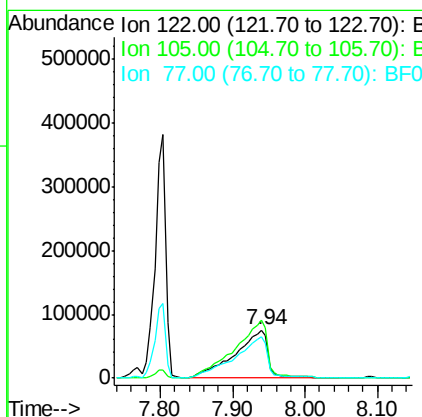
Delta R.T. -0.01 min

Lab File: BF099094.D

Acq: 5 Oct 2017 10:12

Tgt Ion:122 Resp: 236563

Ion	Ratio	Lower	Upper
122	100		
105	120.4	101.1	141.1
77	86.5	70.7	110.7





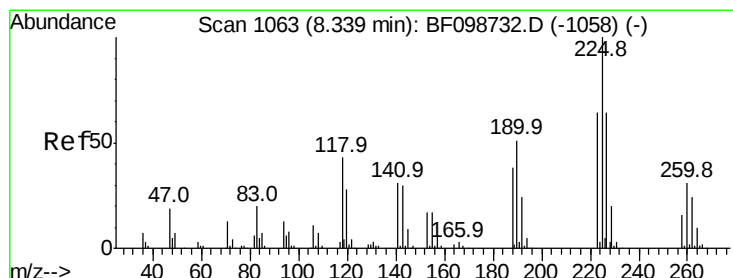
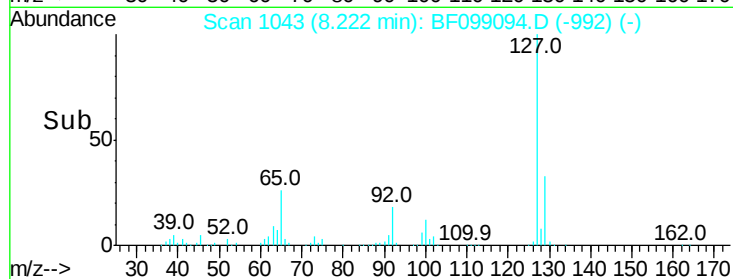
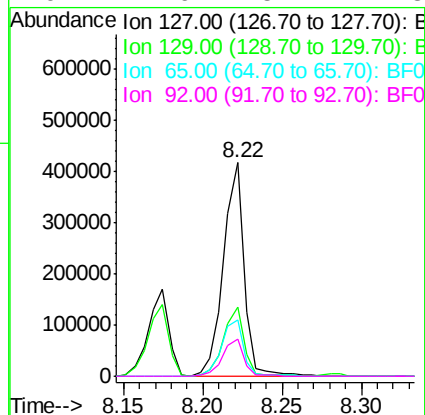
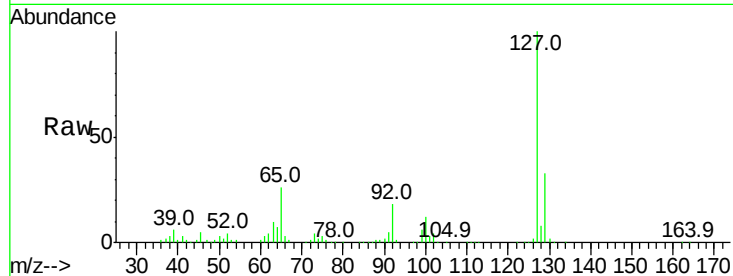
#33
4-Chloroaniline
Concen: 31.605 ng
RT: 8.22 min Scan# 1043
Delta R.T. -0.00 min
Lab File: BF099094.D
Acq: 5 Oct 2017 10:12

Instrument :
BNA_F
ClientSampleId :
PB102887BS

Tot Ion	Ratio	Resp	Lower	Upper
127	100			
129	32.7	25.9	38.9	
65	26.2	25.0	37.4	
92	17.6	15.2	22.8	

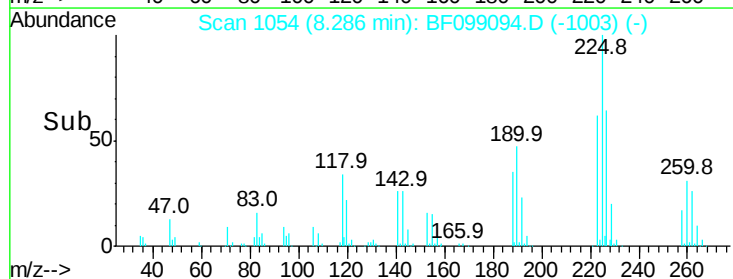
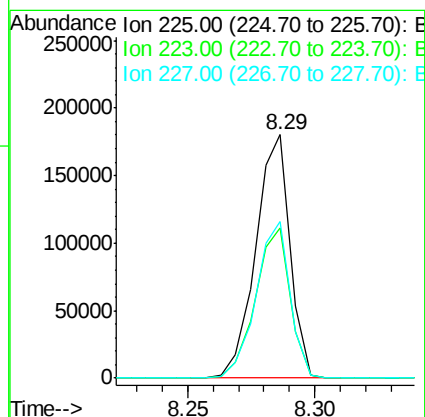
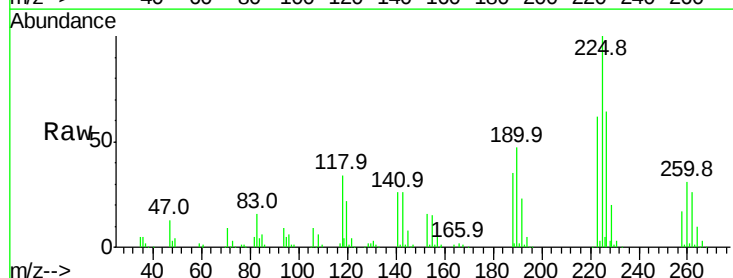
Manual Integrations
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#34
Hexachlorobutadiene
Concen: 39.192 ng
RT: 8.29 min Scan# 1054
Delta R.T. -0.00 min
Lab File: BF099094.D
Acq: 5 Oct 2017 10:12

Tgt Ion	Ratio	Resp	Lower	Upper
225	100			
223	61.9	50.6	76.0	
227	64.3	51.9	77.9	





#35

Caprolactam

Concen: 50.271 ng/mL

RT: 8.60 min Scan# 1108

Delta R.T. -0.01 min

Lab File: BF099094.D

Acq: 5 Oct 2017 10:12

Instrument :

BNA_F

ClientSampled :

PB102887BS

Tot Ion:113 Resp: 135472

Ion Ratio Lower Upper

113 100

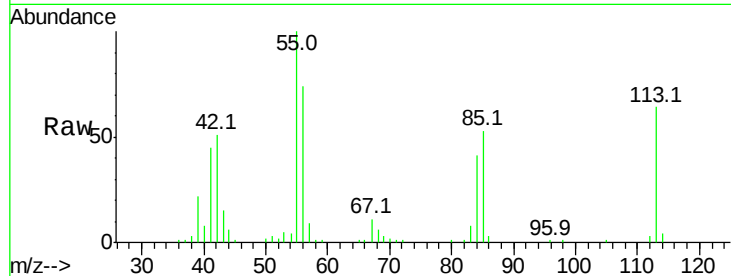
55 156.9 163.3 203.3#

56 115.9 115.7 155.7

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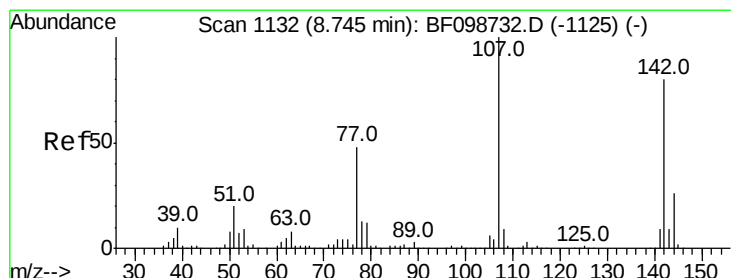
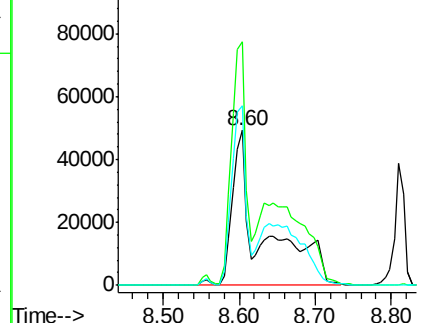
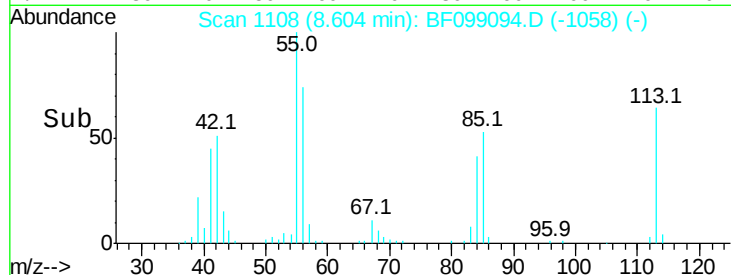
10/6/2017 5:34:45 PM



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF0

Ion 56.00 (55.70 to 56.70): BF0



#36

4-Chloro-3-methylphenol

Concen: 40.386 ng/mL

RT: 8.70 min Scan# 1125

Delta R.T. -0.00 min

Lab File: BF099094.D

Acq: 5 Oct 2017 10:12

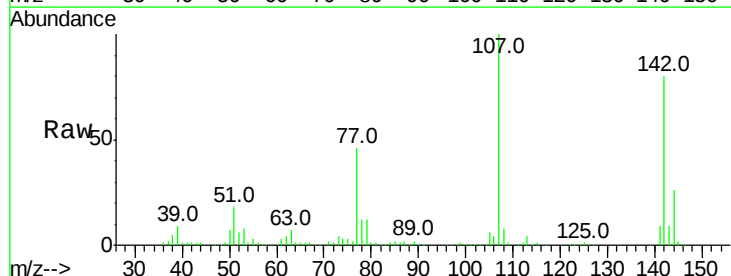
Tgt Ion:107 Resp: 381346

Ion Ratio Lower Upper

107 100

144 26.5 20.5 30.7

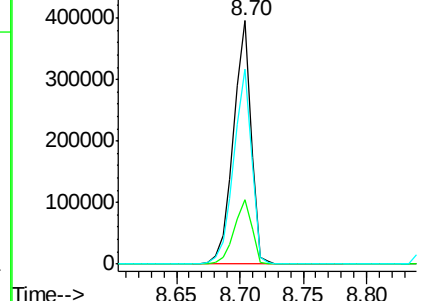
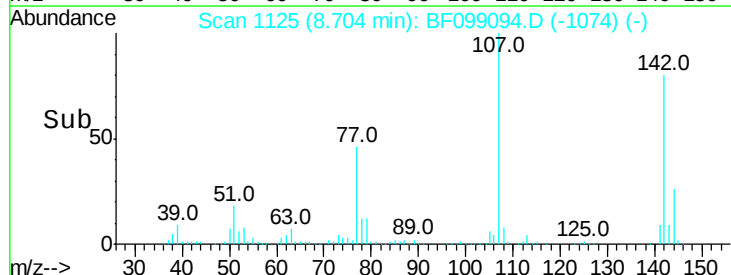
142 80.2 62.0 93.0

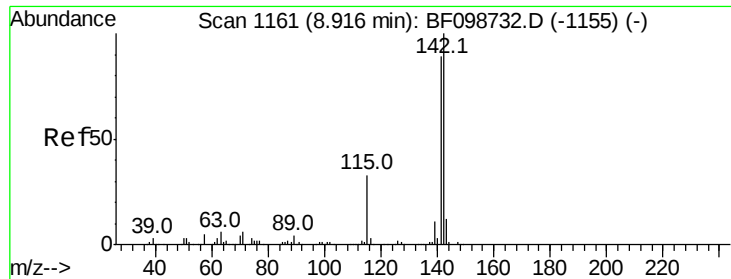


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





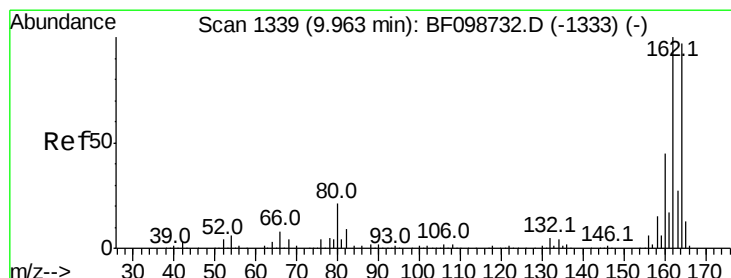
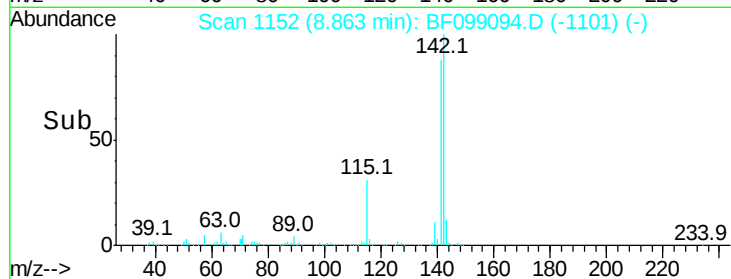
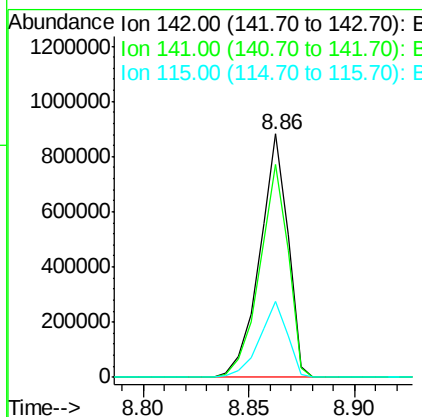
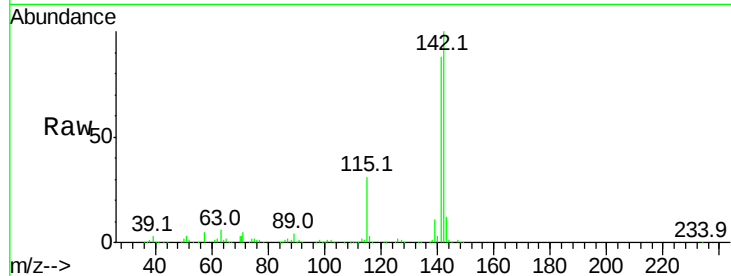
#37
2-Methylnaphthalene
Concen: 43.998 ng
RT: 8.86 min Scan# 1152
Delta R.T. -0.00 min
Lab File: BF099094.D
Acq: 5 Oct 2017 10:12

Instrument :
BNA_F
ClientSampleId :
PB102887BS

Tot Ion	Ratio	Lower	Upper
142	100		
141	87.6	70.8	106.2
115	31.2	26.1	39.1

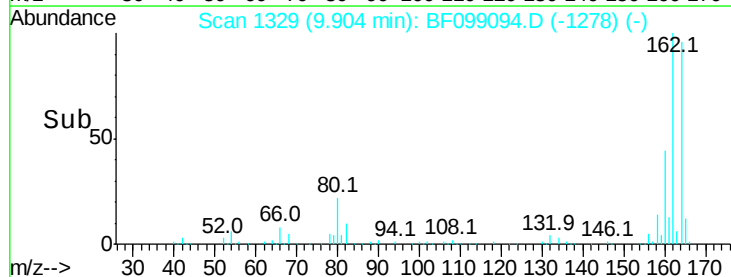
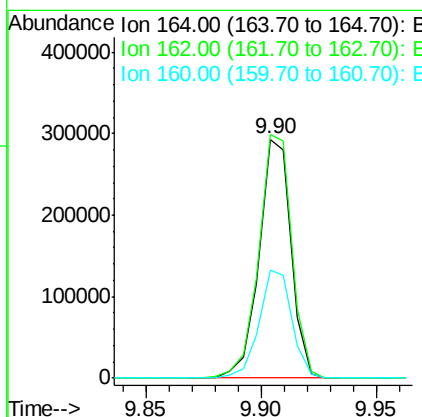
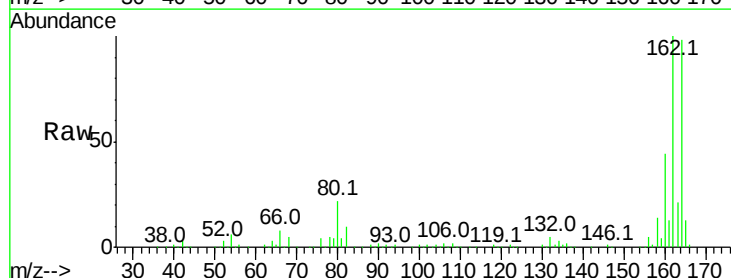
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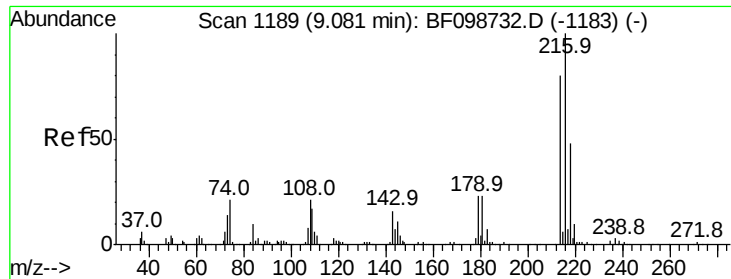
Sohil
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#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.90 min Scan# 1329
Delta R.T. -0.00 min
Lab File: BF099094.D
Acq: 5 Oct 2017 10:12

Tgt Ion	Ratio	Lower	Upper
164	100		
162	102.1	86.1	129.1
160	45.3	38.3	57.5





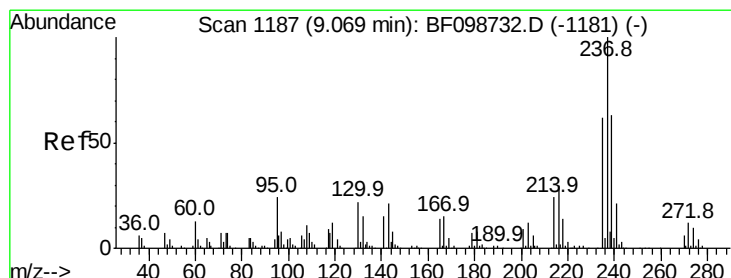
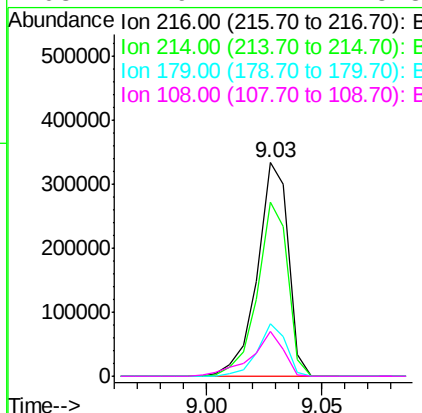
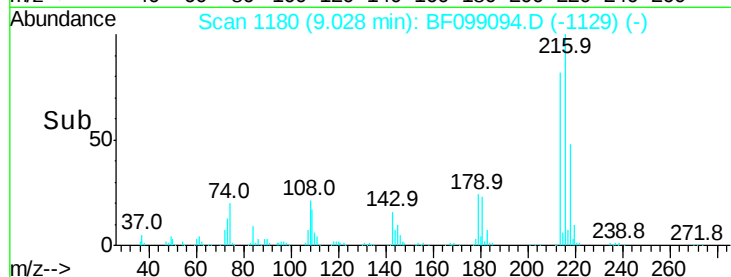
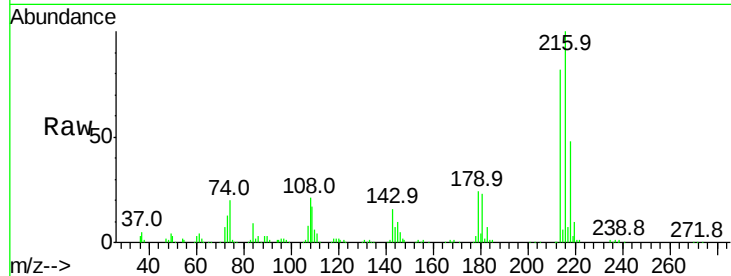
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 37.000 ng
 RT: 9.03 min Scan# 1180
 Delta R.T. -0.00 min
 Lab File: BF099094.D
 Acq: 5 Oct 2017 10:12

Instrument :
 BNA_F
 ClientSampleId :
 PB102887BS

Tot Ion	Ratio	Resp Lower	Upper
216	100		
214	79.8	63.0	94.4
179	22.8	18.1	27.1
108	21.9	17.2	25.8

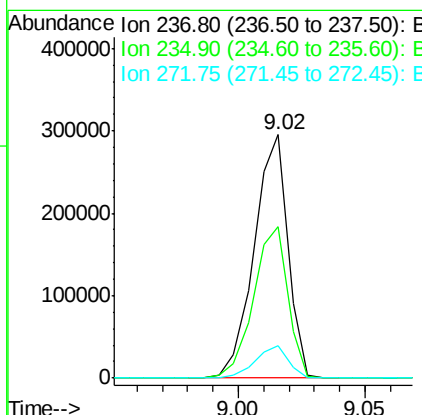
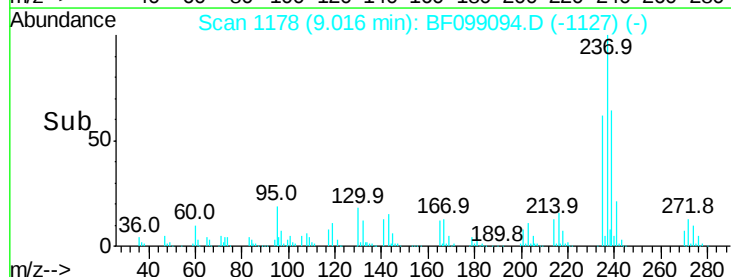
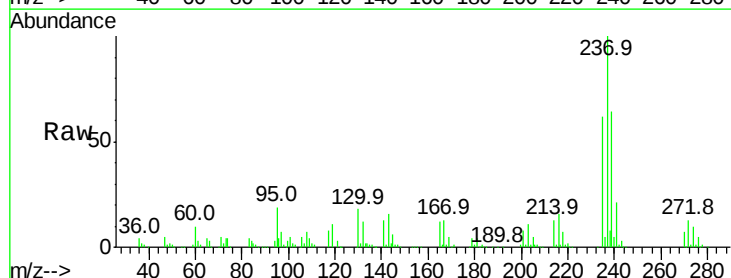
Manual Integrations
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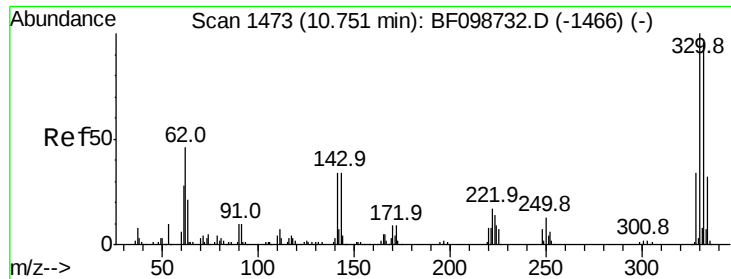
Sohil
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#40
 Hexachlorocyclopentadiene
 Concen: 71.180 ng
 RT: 9.02 min Scan# 1178
 Delta R.T. -0.00 min
 Lab File: BF099094.D
 Acq: 5 Oct 2017 10:12

Tgt Ion	Ratio	Resp Lower	Upper
237	100		
235	62.4	44.8	84.8
272	13.5	0.0	33.3





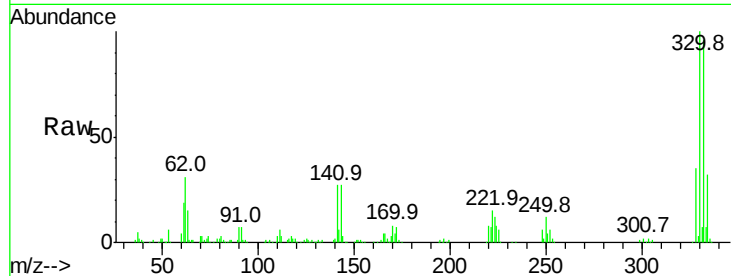
#41
 2,4,6-Tribromophenol
 Concen: 124.359 ng
 RT: 10.70 min Scan# 1465
 Delta R.T. 0.01 min
 Lab File: BF099094.D
 Acq: 5 Oct 2017 10:12

Instrument :
 BNA_F
 ClientSampleId :
 PB102887BS

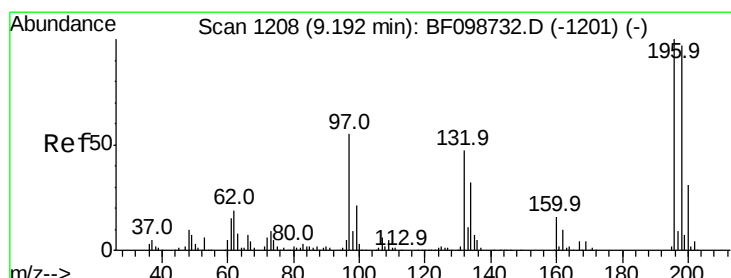
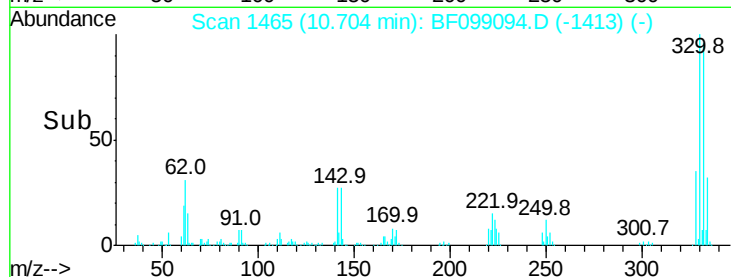
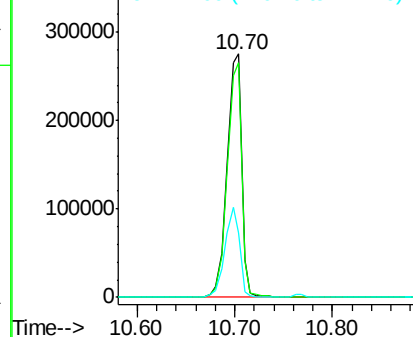
Tot Ion	Ratio	Resp	Lower	Upper
330	100	288475		
332	95.5	77.0	115.6	
141	37.3	29.9	44.9	

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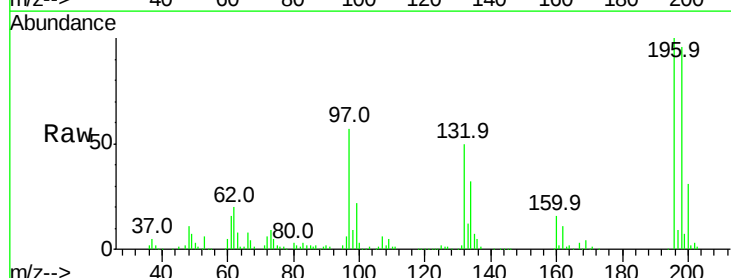


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

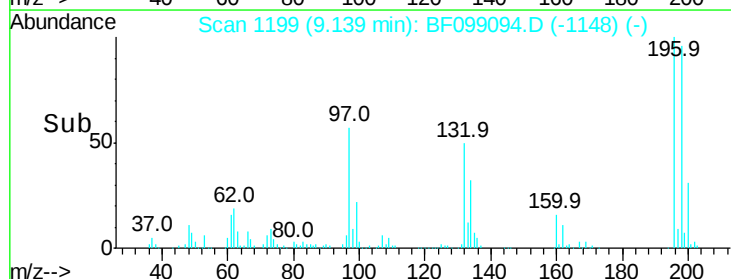
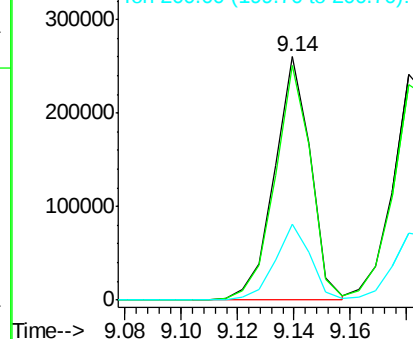


#42
 2,4,6-Trichlorophenol
 Concen: 38.427 ng
 RT: 9.14 min Scan# 1199
 Delta R.T. -0.00 min
 Lab File: BF099094.D
 Acq: 5 Oct 2017 10:12

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	230154		
198	96.5	75.7	113.5	
200	30.9	24.5	36.7	



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





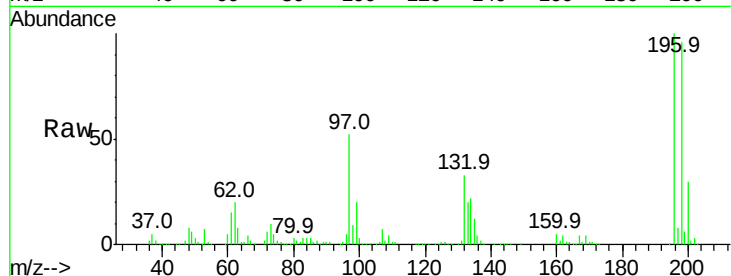
#43
2,4,5-Trichlorophenol
Concen: 40.943 ng
RT: 9.18 min Scan# 1206
Delta R.T. -0.00 min
Lab File: BF099094.D
Acq: 5 Oct 2017 10:12

Instrument :
BNA_F
ClientSampleId :
PB102887BS

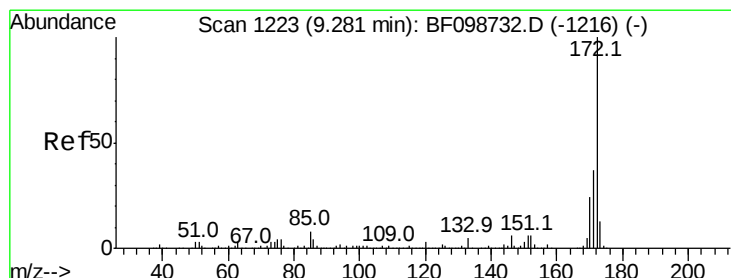
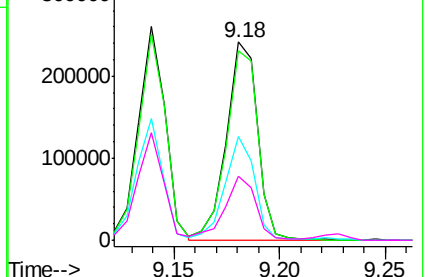
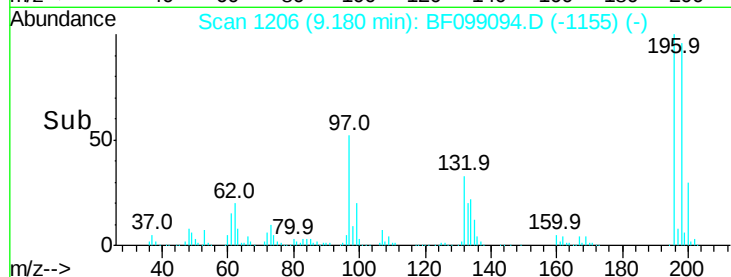
Tot Ion	Ratio	Resp	Lower	Upper
196	100	244796		
198	95.7	74.6	112.0	
97	52.2	42.9	64.3	
132	32.5	26.3	39.5	

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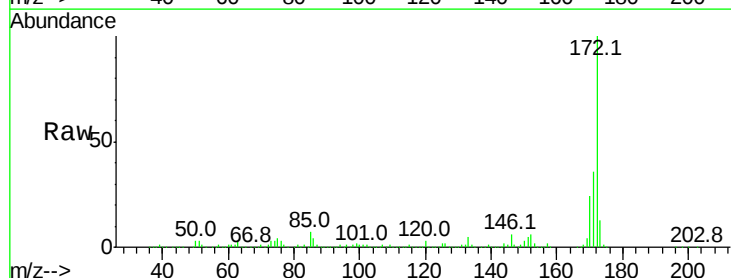


Abundance Ion 196.00 (195.70 to 196.70): E
Ion 198.00 (197.70 to 198.70): E
Ion 97.00 (96.70 to 97.70): BF0
Ion 132.00 (131.70 to 132.70): E

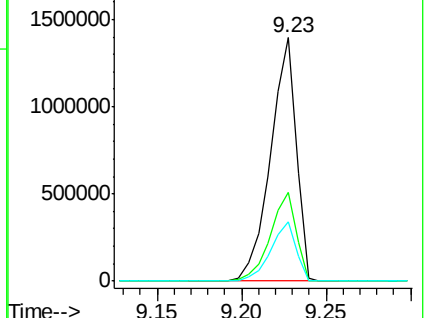
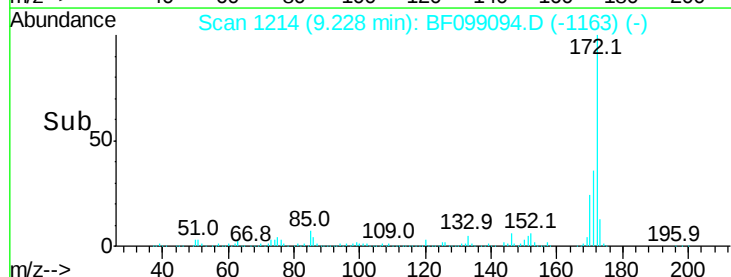


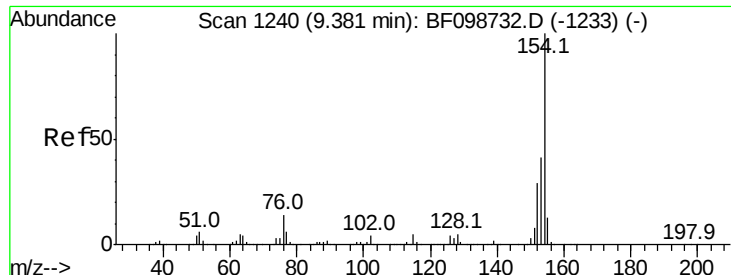
#44
2-Fluorobiphenyl
Concen: 85.520 ng
RT: 9.23 min Scan# 1214
Delta R.T. -0.00 min
Lab File: BF099094.D
Acq: 5 Oct 2017 10:12

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	1452225		
171	36.3	29.7	44.5	
170	24.5	19.6	29.4	



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





#45

1,1'-Biphenyl

Concen: 38.288 ng

RT: 9.33 min Scan# 1231

Delta R.T. -0.00 min

Lab File: BF099094.D

Acq: 5 Oct 2017 10:12

Instrument :

BNA_F

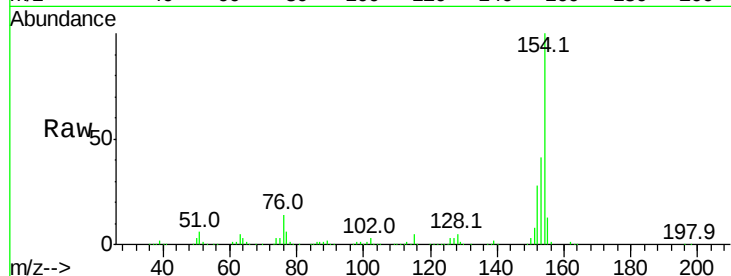
ClientSampled :

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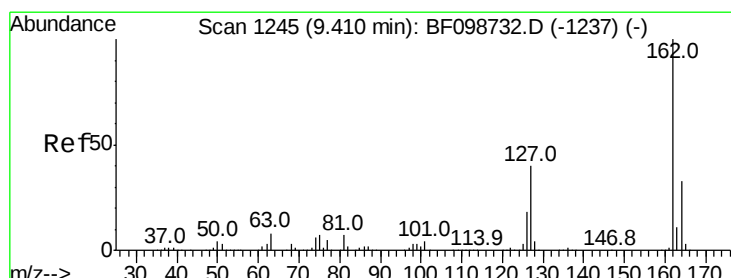
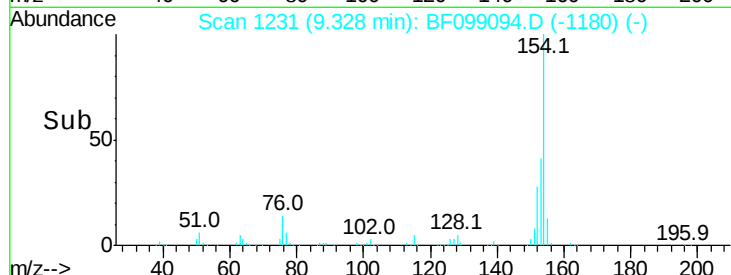
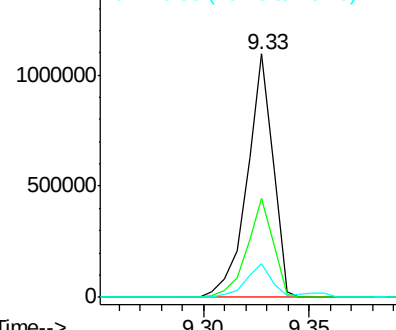
Tot Ion:	154	Resp:	932849
Ion Ratio	Lower	Upper	
154	100		
153	40.6	21.3	61.3
76	13.6	0.0	34.0

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



#46

2-Chloronaphthalene

Concen: 40.285 ng

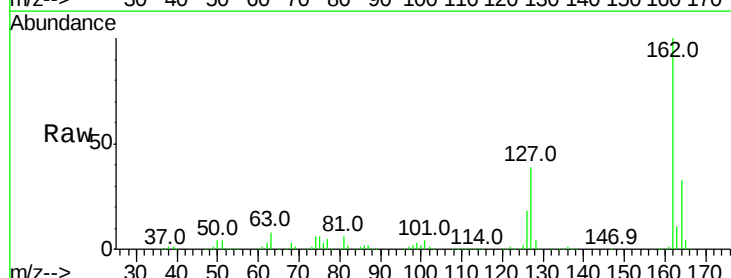
RT: 9.36 min Scan# 1236

Delta R.T. -0.00 min

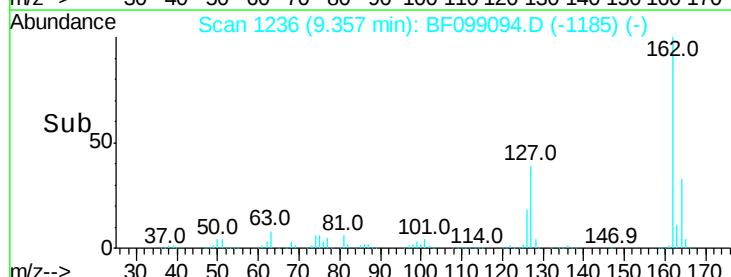
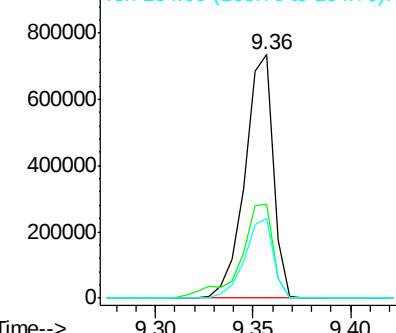
Lab File: BF099094.D

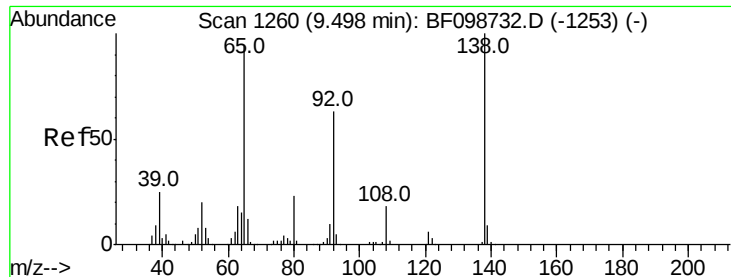
Acq: 5 Oct 2017 10:12

Tgt Ion:	162	Resp:	736934
Ion Ratio	Lower	Upper	
162	100		
127	38.7	33.9	50.9
164	32.8	26.5	39.7



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





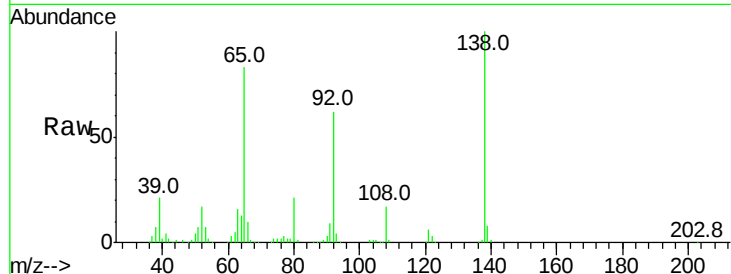
#47
2-Nitroaniline
Concen: 40.818 ng
RT: 9.45 min Scan# 1252
Delta R.T. -0.00 min
Lab File: BF099094.D
Acq: 5 Oct 2017 10:12

Instrument :
BNA_F
ClientSampleId :
PB102887BS

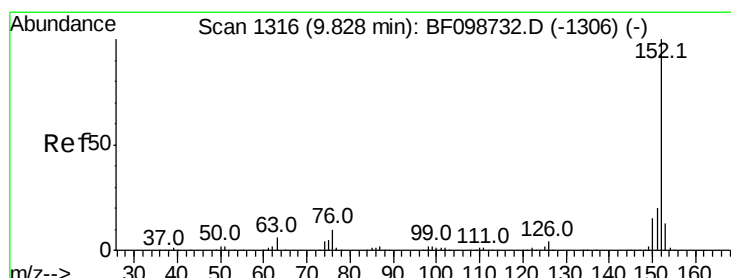
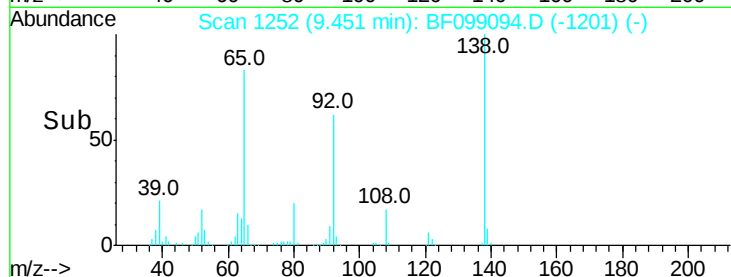
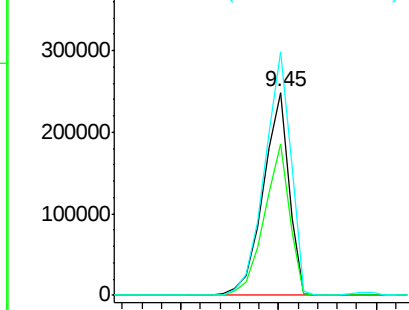
Tot Ion	Ratio	Lower	Upper
65	100		
92	74.6	55.8	83.6
138	119.9	91.2	136.8

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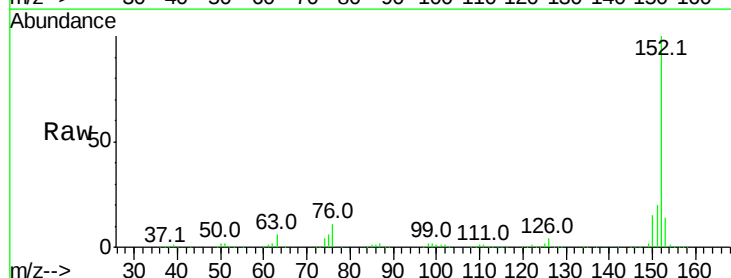


Abundance Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0
Ion 138.00 (137.70 to 138.70): BF0

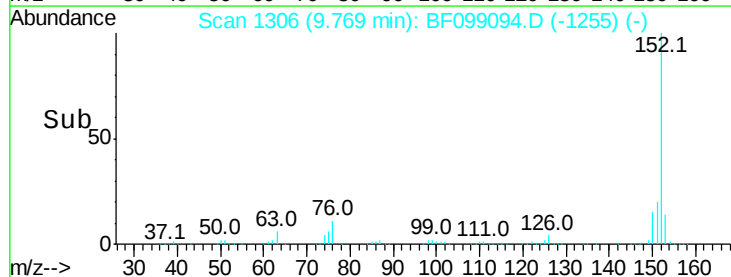
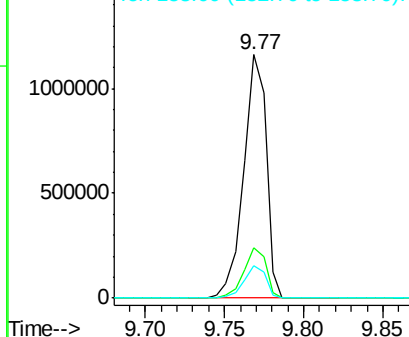


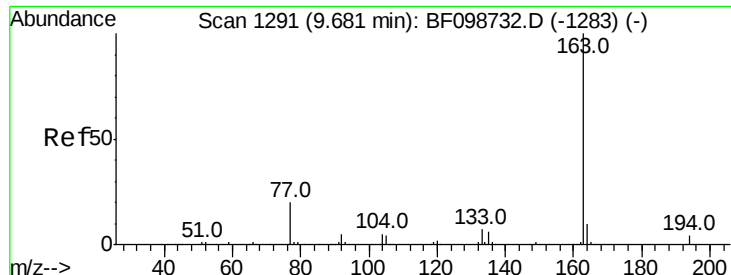
#48
Acenaphthylene
Concen: 40.745 ng
RT: 9.77 min Scan# 1306
Delta R.T. -0.00 min
Lab File: BF099094.D
Acq: 5 Oct 2017 10:12

Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.5	16.3	24.5
153	13.5	10.7	16.1



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





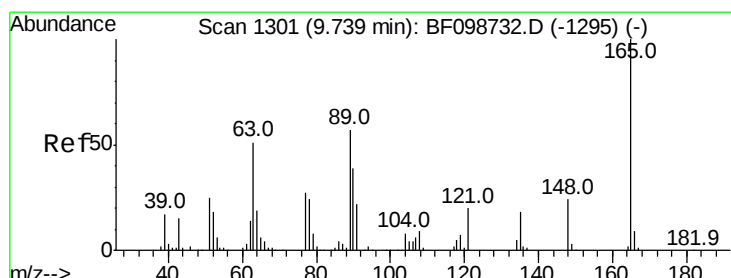
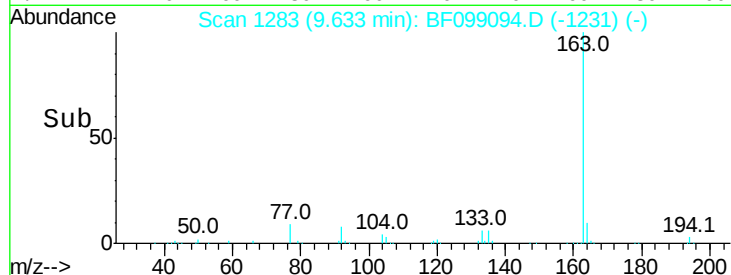
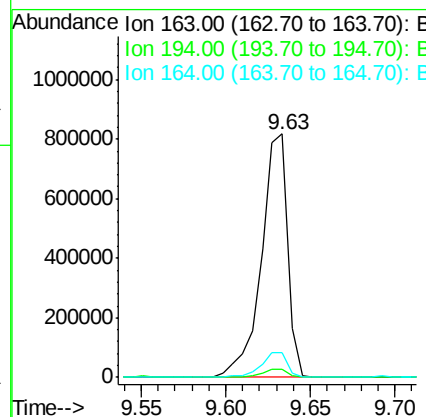
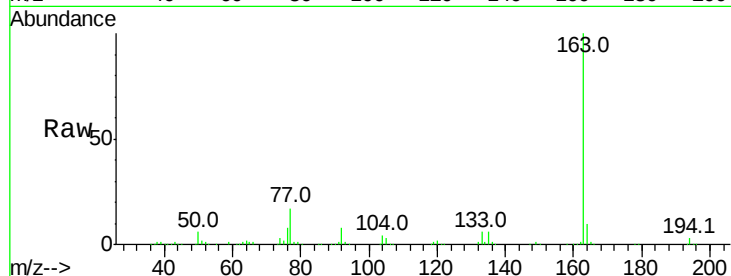
#49
Dimethylphthalate
Concen: 41.286 ng
RT: 9.63 min Scan# 1283
Delta R.T. 0.01 min
Lab File: BF099094.D
Acq: 5 Oct 2017 10:12

Instrument :
BNA_F
ClientSampled :
PB102887BS

Tot Ion	163	Resp	883354
Ion Ratio	Lower	Upper	
163	100		
194	3.5	2.7	4.1
164	10.1	8.2	12.2

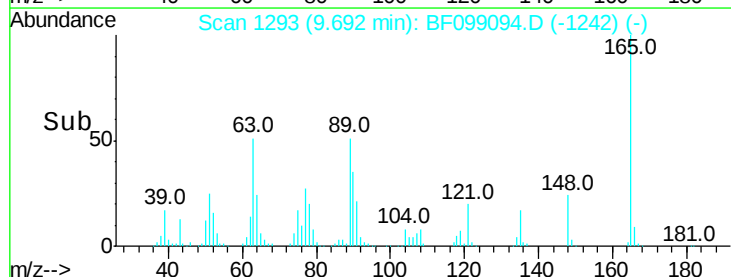
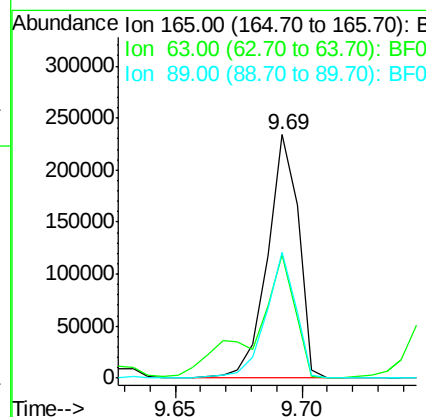
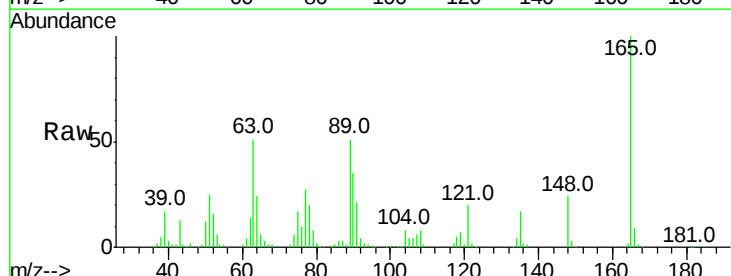
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#50
2,6-Dinitrotoluene
Concen: 43.258 ng
RT: 9.69 min Scan# 1293
Delta R.T. -0.00 min
Lab File: BF099094.D
Acq: 5 Oct 2017 10:12

Tgt Ion	165	Resp	201499
Ion Ratio	Lower	Upper	
165	100		
63	50.7	44.7	67.1
89	51.4	44.0	66.0





#51

Acenaphthene

Concen: 37.369 ng

RT: 9.95 min Scan# 1336

Delta R.T. -0.00 min

Lab File: BF099094.D

Acq: 5 Oct 2017 10:12

Instrument :

BNA_F

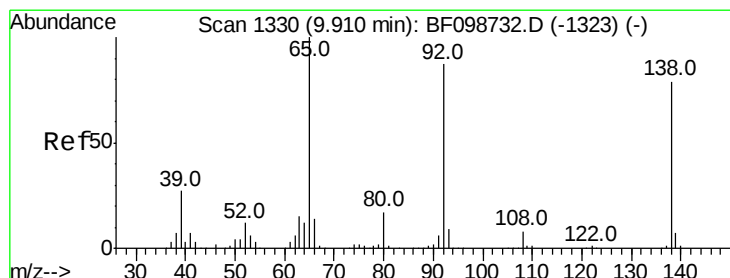
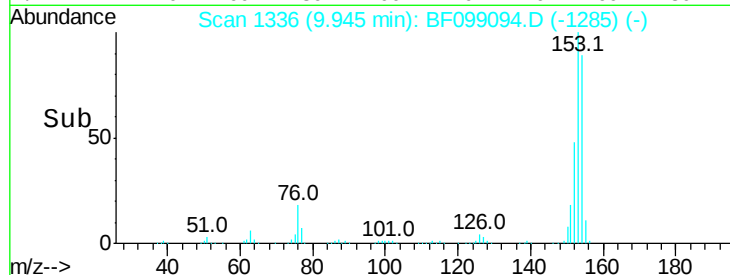
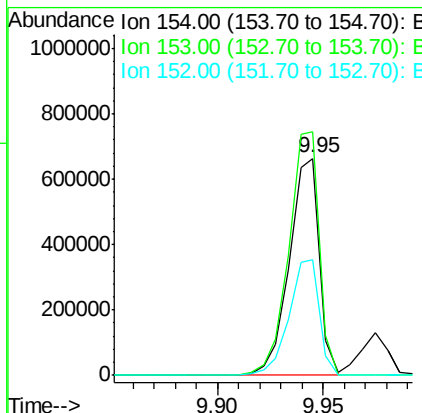
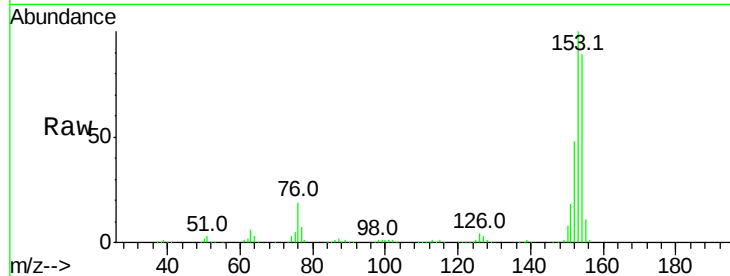
ClientSampleId :

PB102887BS

Tot Ion:	154	Resp:	662888
Ion Ratio	Lower	Upper	
154	100		
153	112.1	91.2	136.8
152	53.4	43.8	65.8

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#52

3-Nitroaniline

Concen: 34.297 ng

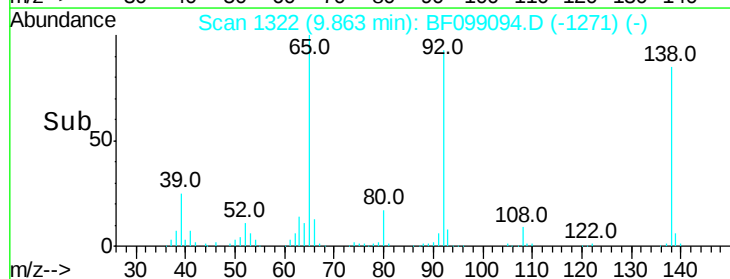
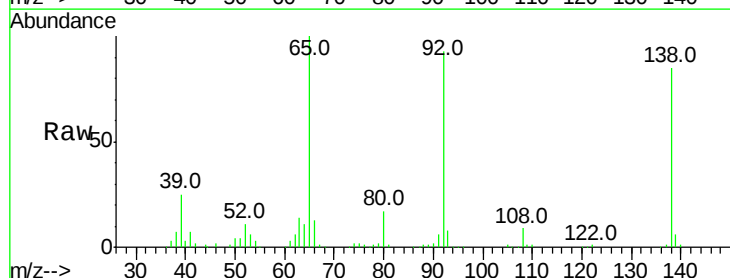
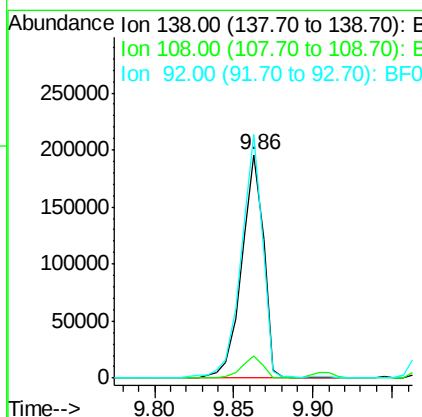
RT: 9.86 min Scan# 1322

Delta R.T. -0.00 min

Lab File: BF099094.D

Acq: 5 Oct 2017 10:12

Tgt Ion:	138	Resp:	186280
Ion Ratio	Lower	Upper	
138	100		
108	10.1	9.4	14.0
92	109.1	89.4	134.2





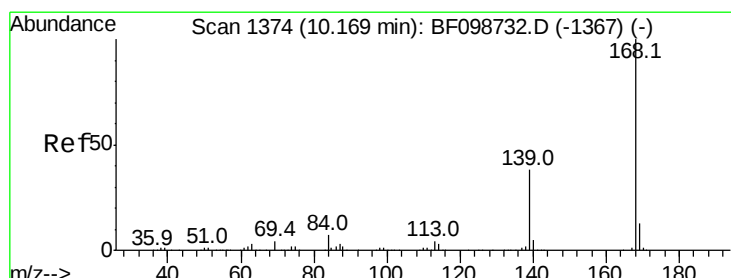
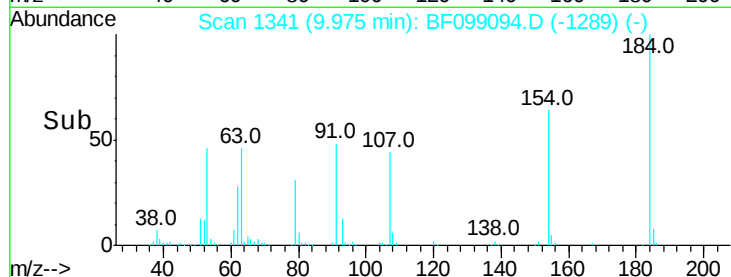
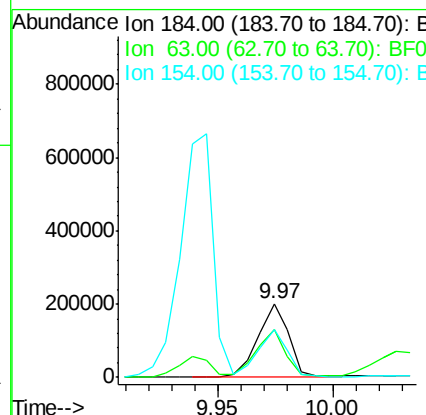
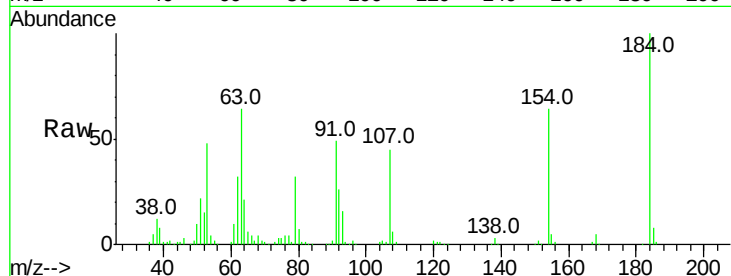
#53
2,4-Dinitrophenol
Concen: 78.771 ng
RT: 9.97 min Scan# 1341
Delta R.T. 0.01 min
Lab File: BF099094.D
Acq: 5 Oct 2017 10:12

Instrument :
BNA_F
ClientSampled :
PB102887BS

Tot Ion	Ratio	Resp	Lower	Upper
184	100	190795		
63	64.0	54.2	81.2	
154	64.5	53.5	80.3	

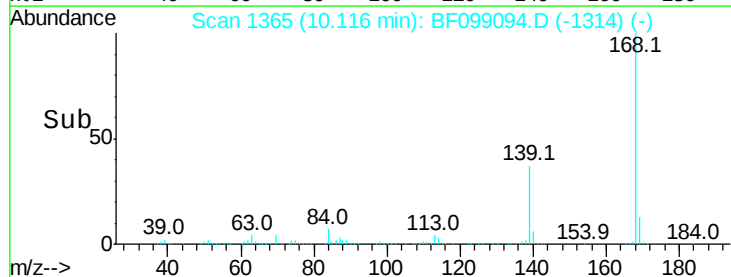
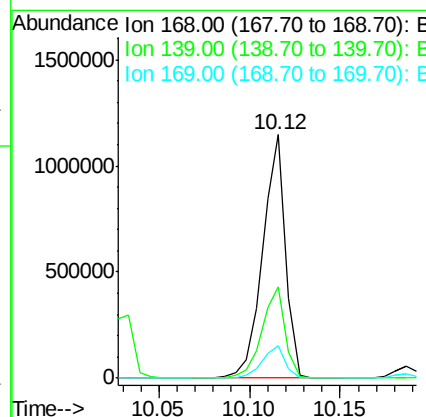
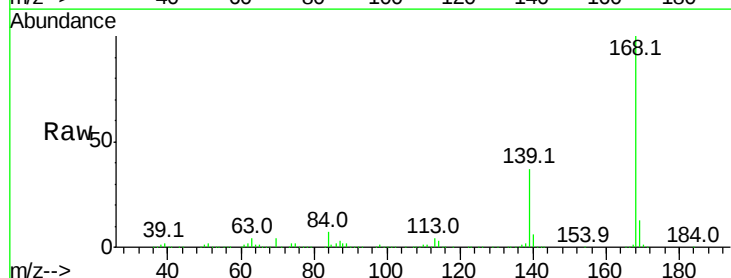
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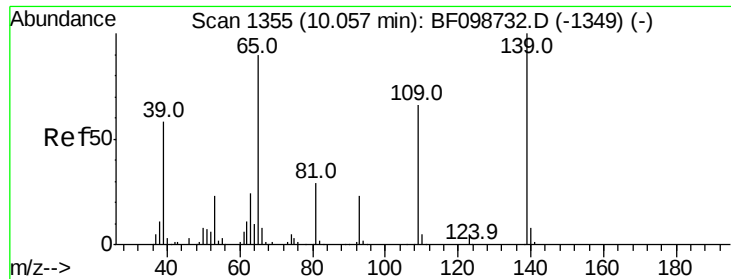
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#54
Dibenzofuran
Concen: 42.351 ng
RT: 10.12 min Scan# 1365
Delta R.T. -0.00 min
Lab File: BF099094.D
Acq: 5 Oct 2017 10:12

Tgt Ion	Ratio	Resp	Lower	Upper
168	100	1000274		
139	37.3	30.1	45.1	
169	13.5	10.9	16.3	





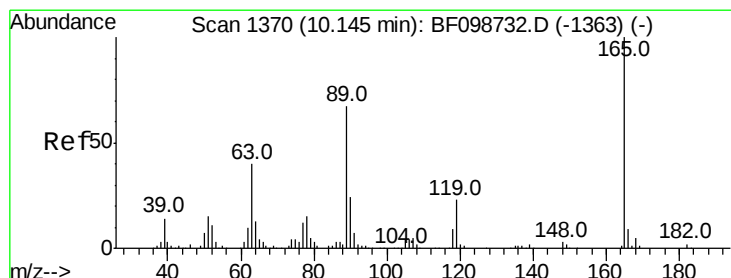
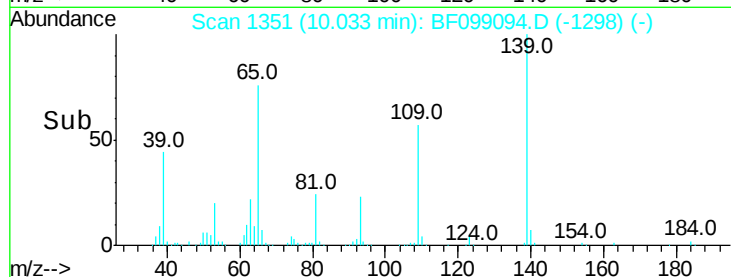
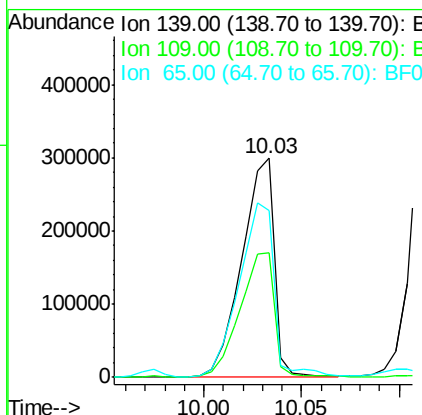
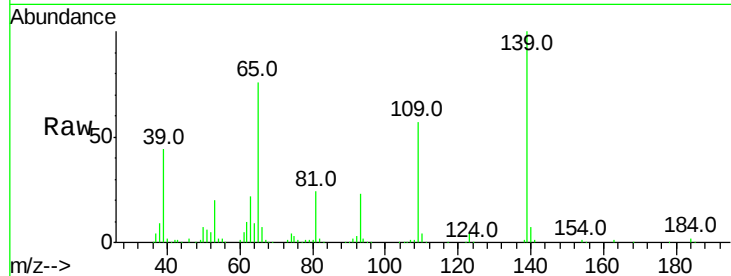
#55
4-Nitrophenol
Concen: 75.934 ng
RT: 10.03 min Scan# 1351
Delta R.T. 0.01 min
Lab File: BF099094.D
Acq: 5 Oct 2017 10:12

Instrument :
BNA_F
ClientSampleId :
PB102887BS

Tot Ion	Ratio	Resp	Lower	Upper
139	100	348729		
109	56.9	48.4	88.4	
65	75.8	72.6	112.6	

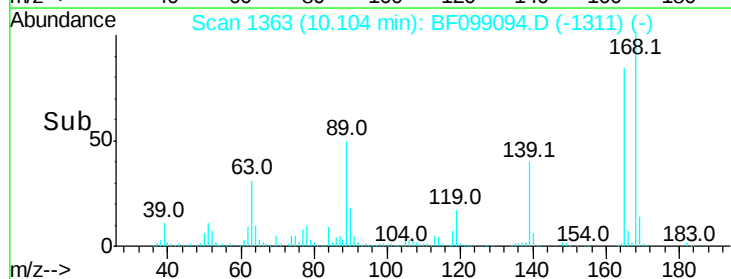
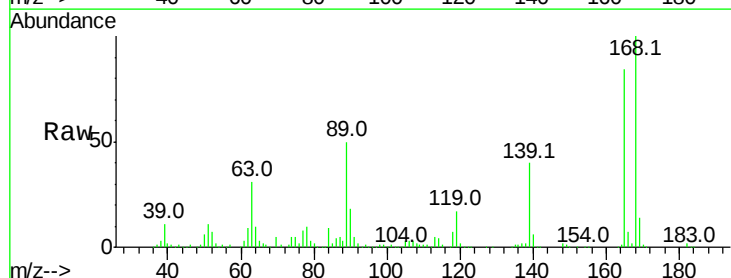
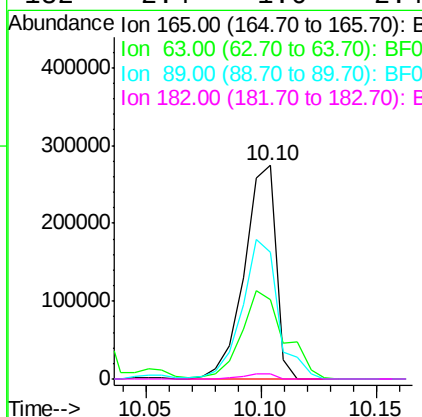
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#56
2,4-Dinitrotoluene
Concen: 43.694 ng
RT: 10.10 min Scan# 1363
Delta R.T. 0.01 min
Lab File: BF099094.D
Acq: 5 Oct 2017 10:12

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	264144		
63	37.3	36.4	54.6	
89	59.0	57.8	86.6	
182	2.4	1.6	2.4	





#57

Fluorene

Concen: 40.742 ng

RT: 10.46 min Scan# 1423

Delta R.T. -0.00 min

Lab File: BF099094.D

Acq: 5 Oct 2017 10:12

Instrument :

BNA_F

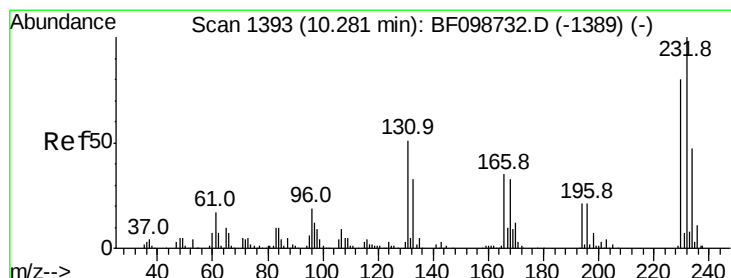
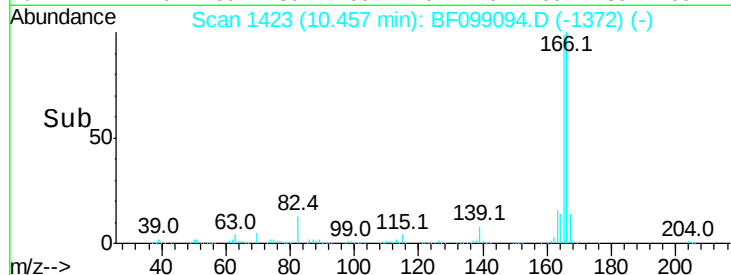
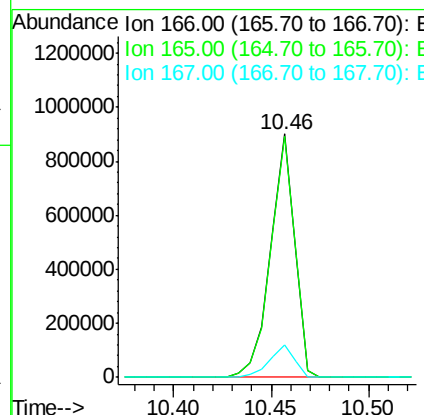
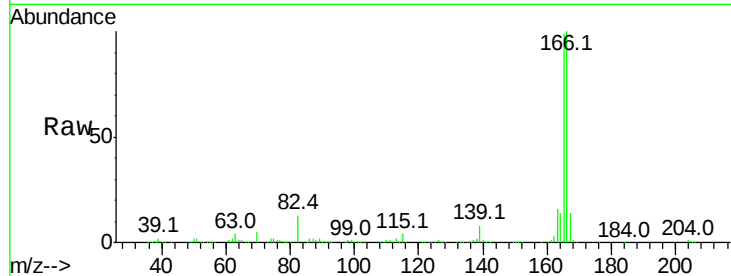
ClientSampleId :

PB102887BS

Tot Ion:	166	Resp:	773430
Ion Ratio	Lower	Upper	
166	100		
165	98.9	79.8	119.8
167	13.6	10.6	16.0

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#58

2,3,4,6-Tetrachlorophenol

Concen: 44.865 ng

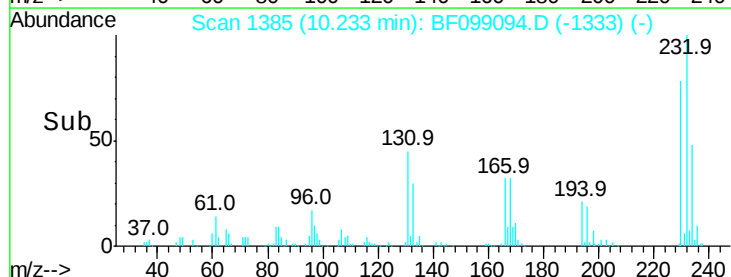
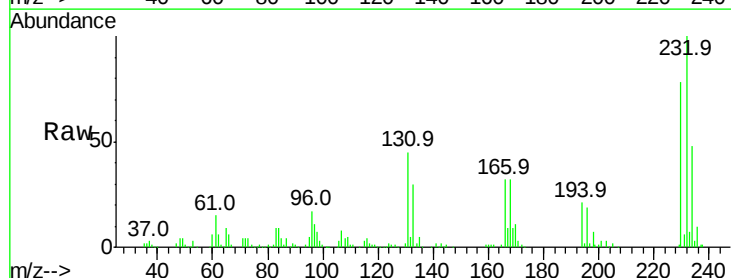
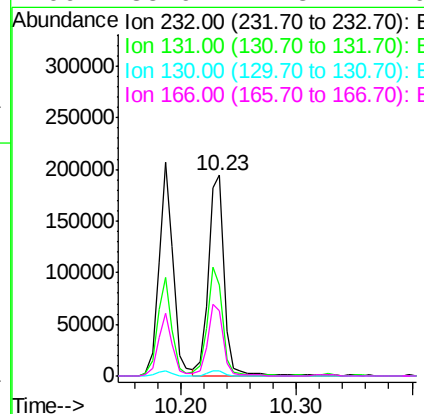
RT: 10.23 min Scan# 1385

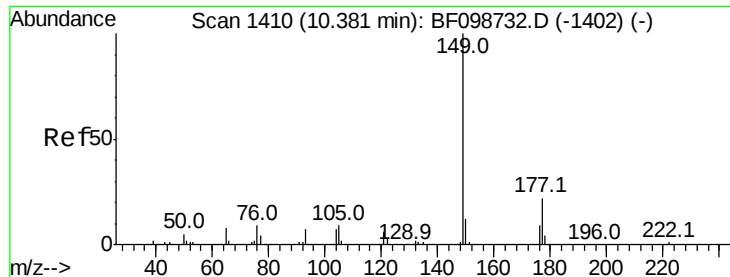
Delta R.T. 0.01 min

Lab File: BF099094.D

Acq: 5 Oct 2017 10:12

Tgt Ion:	232	Resp:	185301
Ion Ratio	Lower	Upper	
232	100		
131	52.2	43.8	65.8
130	2.5	2.1	3.1
166	35.9	27.8	41.6





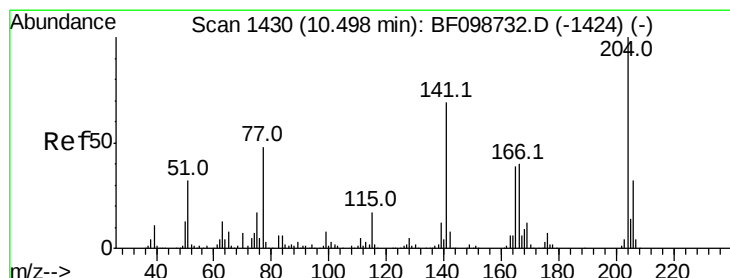
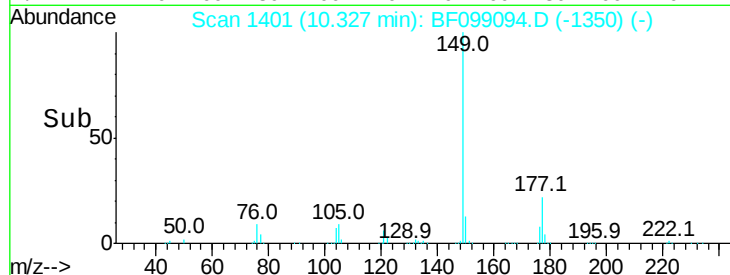
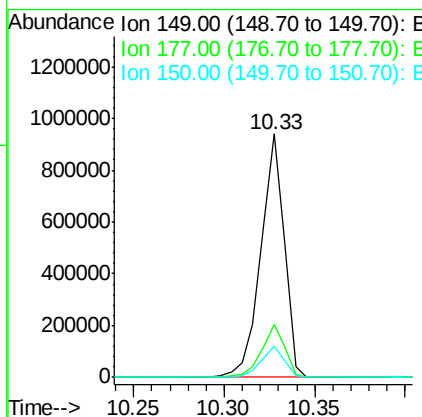
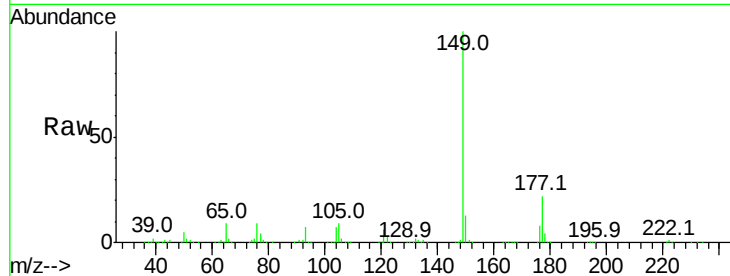
#59
Diethylphthalate
Concen: 40.563 ng
RT: 10.33 min Scan# 1401
Delta R.T. -0.00 min
Lab File: BF099094.D
Acq: 5 Oct 2017 10:12

Instrument :
BNA_F
ClientSampleId :
PB102887BS

Tot Ion	Ratio	Lower	Upper
149	100		
177	21.6	16.1	24.1
150	12.5	10.1	15.1

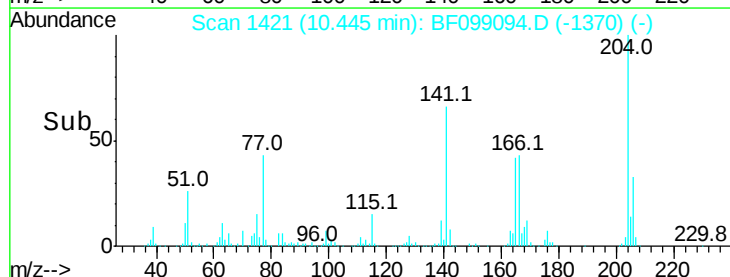
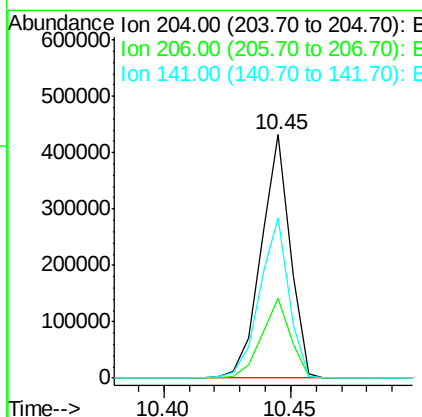
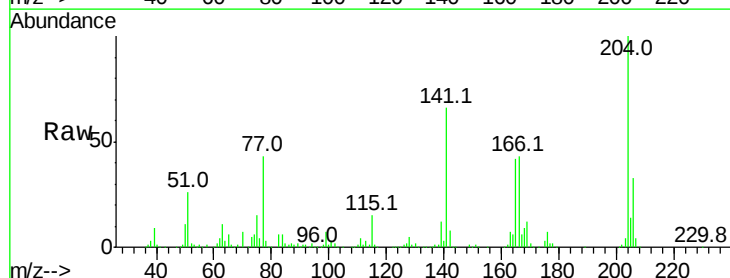
Manual Integrations
APPROVED

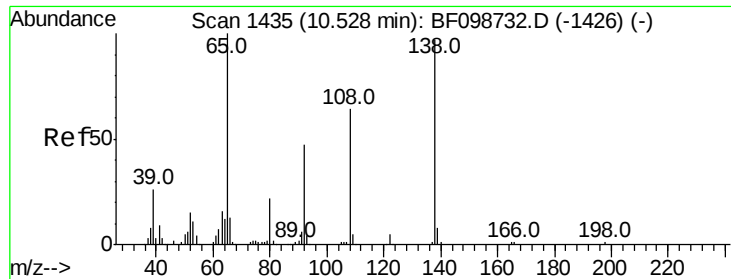
Sohil
10/6/2017 5:34:45 PM



#60
4-Chlorophenyl-phenylether
Concen: 40.222 ng
RT: 10.45 min Scan# 1421
Delta R.T. -0.00 min
Lab File: BF099094.D
Acq: 5 Oct 2017 10:12

Tgt Ion	Ratio	Lower	Upper
204	100		
206	32.9	26.5	39.7
141	65.8	54.6	81.8





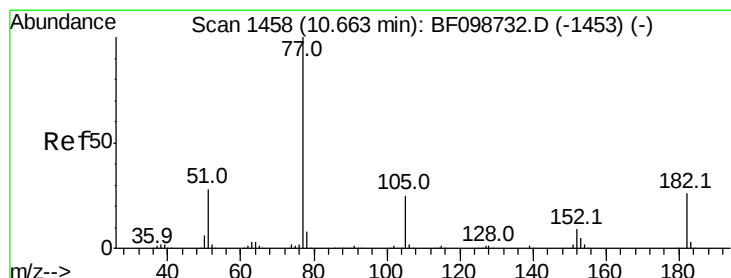
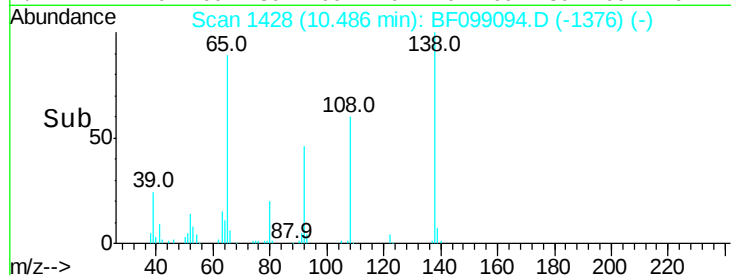
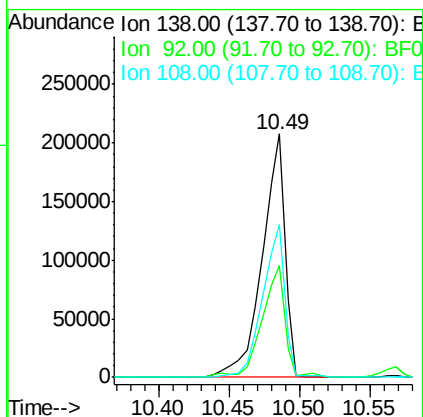
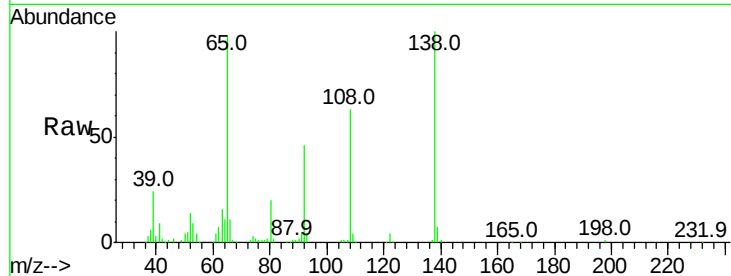
#61
4-Nitroaniline
Concen: 45.332 ng
RT: 10.49 min Scan# 1428
Delta R.T. 0.01 min
Lab File: BF099094.D
Acq: 5 Oct 2017 10:12

Instrument :
BNA_F
ClientSampled :
PB102887BS

Tot Ion	Ratio	Lower	Upper
138	100		
92	46.0	30.2	70.2
108	62.7	52.5	92.5

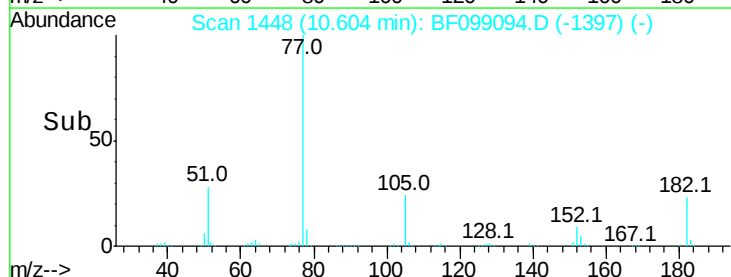
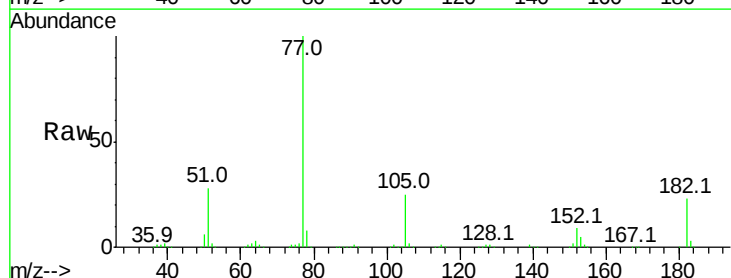
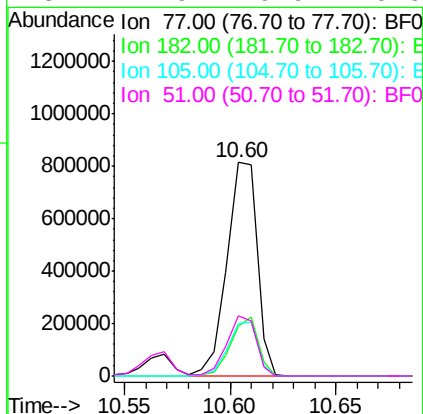
Manual Integrations
APPROVED

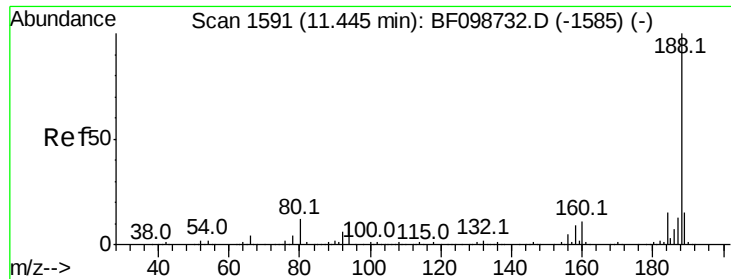
Sohil
10/6/2017 5:34:45 PM



#62
Azobenzene
Concen: 41.799 ng
RT: 10.60 min Scan# 1448
Delta R.T. -0.00 min
Lab File: BF099094.D
Acq: 5 Oct 2017 10:12

Tgt Ion	Ratio	Lower	Upper
77	100		
182	23.3	1.7	41.7
105	24.5	3.0	43.0
51	27.9	9.9	49.9





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.39 min Scan# 1582

Delta R.T. -0.00 min

Lab File: BF099094.D

Acq: 5 Oct 2017 10:12

Instrument :

BNA_F

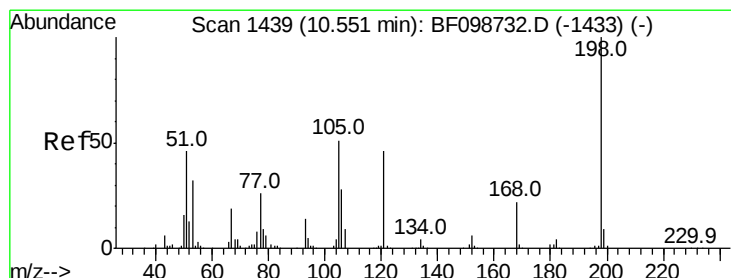
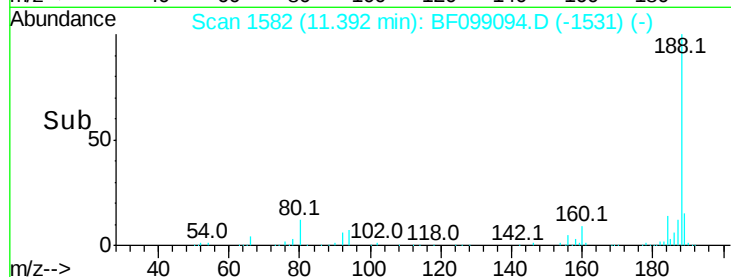
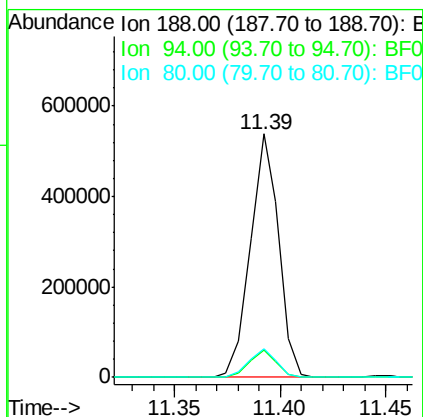
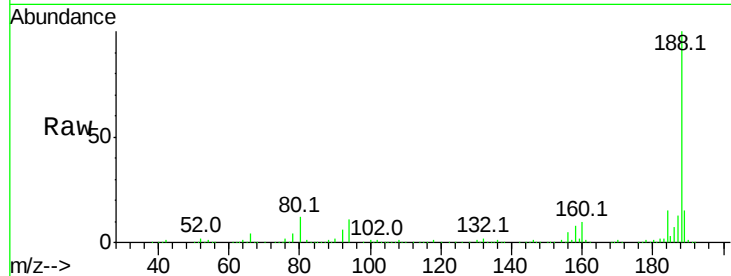
ClientSampleId :

PB102887BS

Tot Ion:	188	Resp:	502177
Ion Ratio	Lower	Upper	
188	100		
94	11.3	8.5	12.7
80	12.0	9.2	13.8

Manual Integrations
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Sohil
10/6/2017 5:34:45 PM



#64

4,6-Dinitro-2-methylphenol

Concen: 41.616 ng

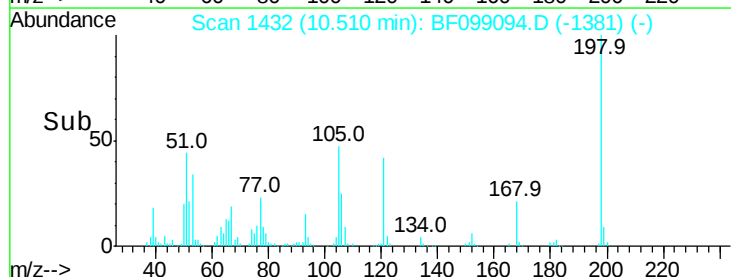
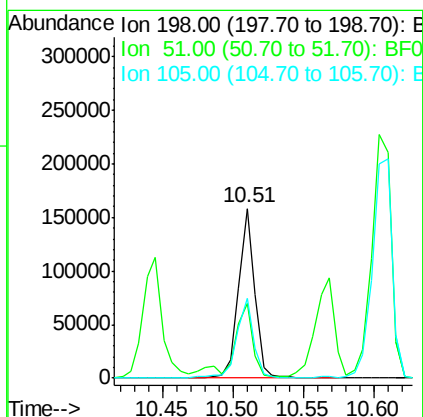
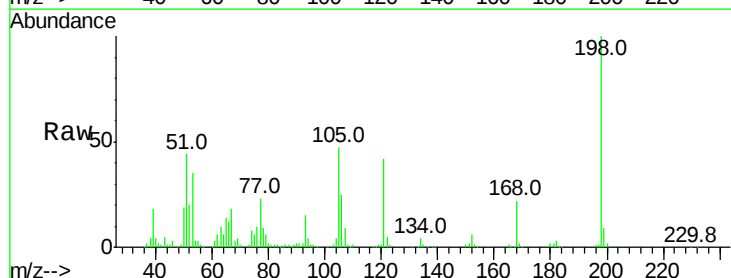
RT: 10.51 min Scan# 1432

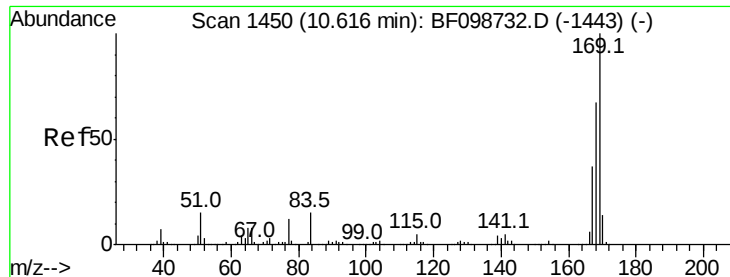
Delta R.T. -0.00 min

Lab File: BF099094.D

Acq: 5 Oct 2017 10:12

Tgt Ion:	198	Resp:	127151
Ion Ratio	Lower	Upper	
198	100		
51	44.2	37.7	77.7
105	47.0	36.3	76.3





#65

n-Nitrosodiphenylamine

Concen: 40.374 ng

RT: 10.57 min Scan# 1442

Delta R.T. -0.00 min

Lab File: BF099094.D

Acq: 5 Oct 2017 10:12

Instrument :

BNA_F

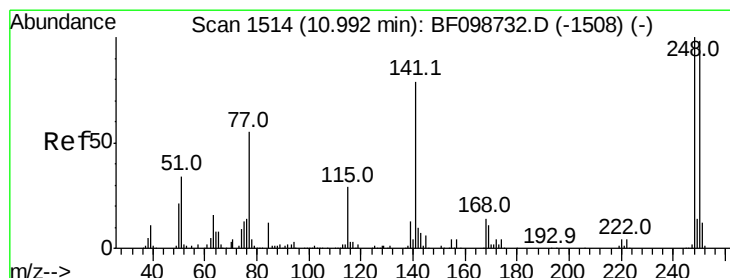
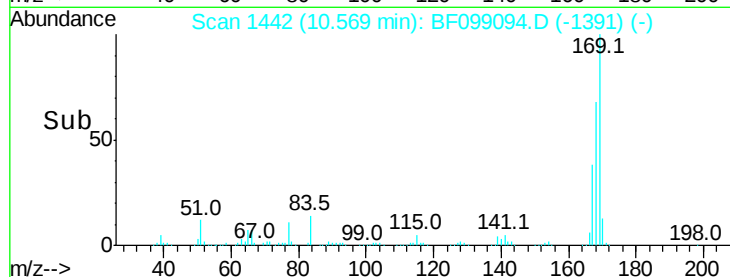
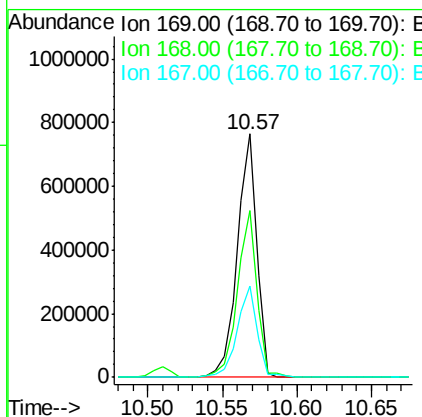
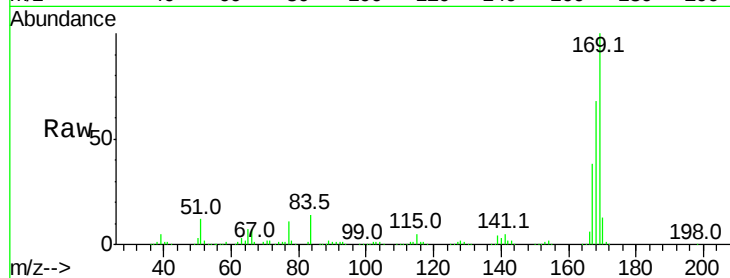
ClientSampled :

PB102887BS

Tot Ion:	169	Resp:	702393
Ion Ratio	Lower	Upper	
169	100		
168	68.4	54.4	81.6
167	37.7	29.8	44.6

Manual Integrations
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#66

4-Bromophenyl-phenylether

Concen: 42.188 ng

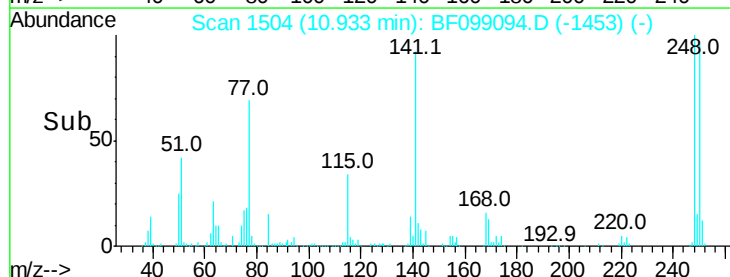
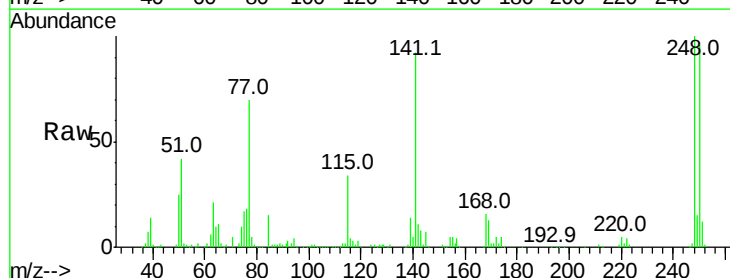
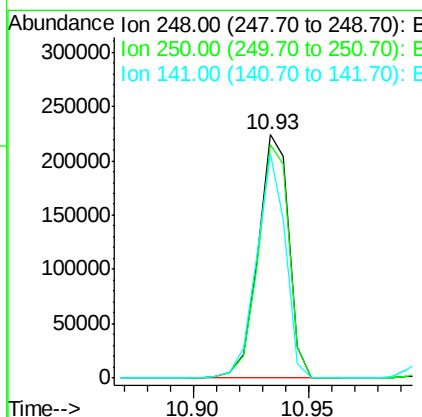
RT: 10.93 min Scan# 1504

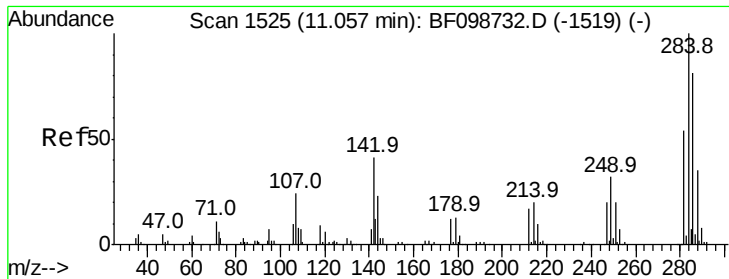
Delta R.T. -0.00 min

Lab File: BF099094.D

Acq: 5 Oct 2017 10:12

Tgt Ion:	248	Resp:	207374
Ion Ratio	Lower	Upper	
248	100		
250	95.9	76.9	115.3
141	92.3	74.4	111.6





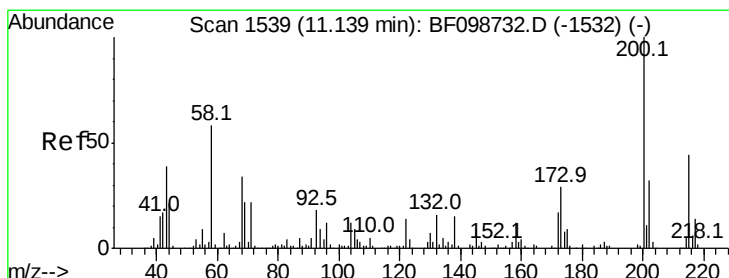
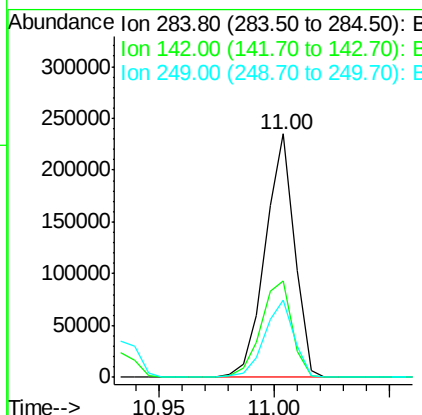
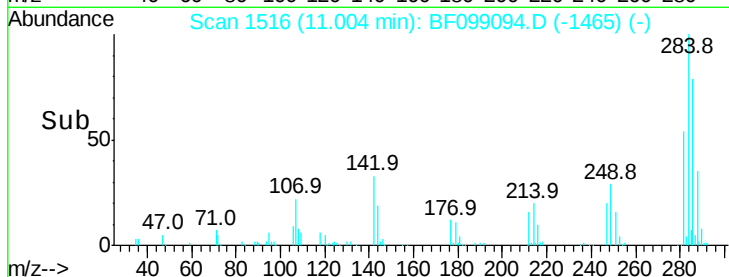
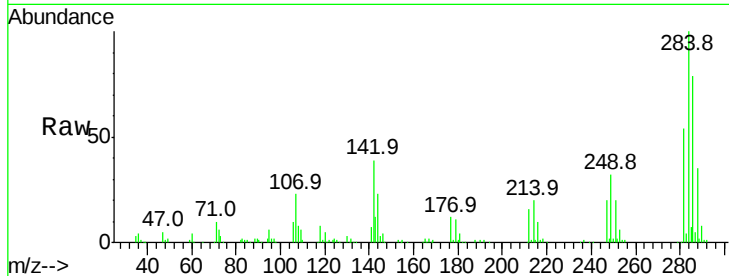
#67
Hexachlorobenzene
Concen: 39.420 ng
RT: 11.00 min Scan# 1516
Delta R.T. -0.00 min
Lab File: BF099094.D
Acq: 5 Oct 2017 10:12

Instrument :
BNA_F
ClientSampleId :
PB102887BS

Tot Ion	Ratio	Resp	Lower	Upper
284	100			
142	39.5	34.6	52.0	
249	31.5	24.8	37.2	

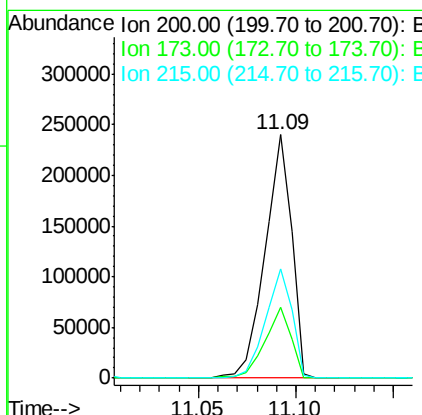
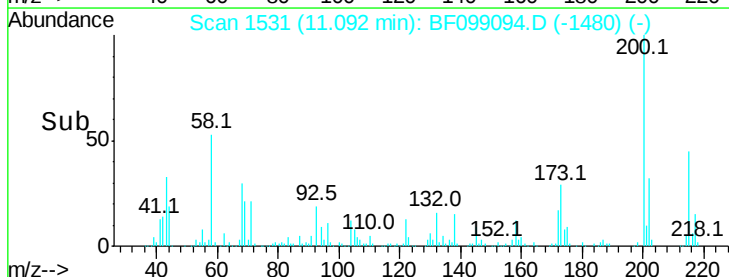
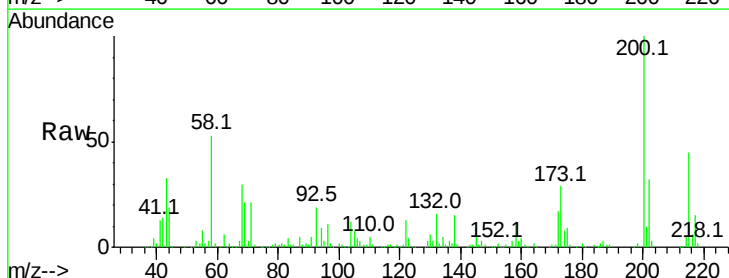
Manual Integrations
APPROVED

Sohil
10/6/2017 5:34:45 PM



#68
Atrazine
Concen: 43.219 ng
RT: 11.09 min Scan# 1531
Delta R.T. -0.00 min
Lab File: BF099094.D
Acq: 5 Oct 2017 10:12

Tgt Ion	Ratio	Resp	Lower	Upper
200	100			
173	29.1	8.6	48.6	
215	45.1	25.1	65.1	





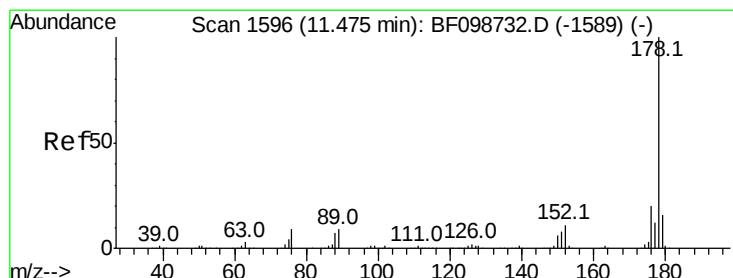
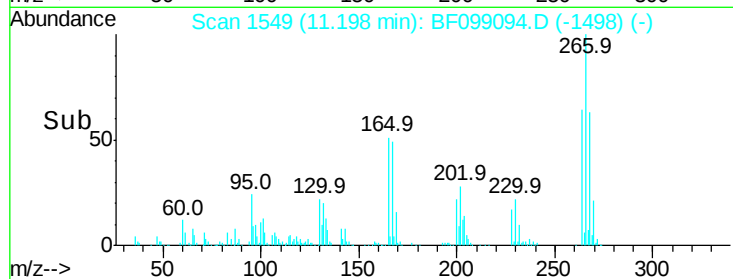
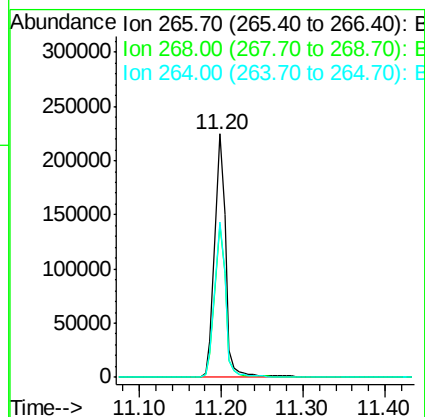
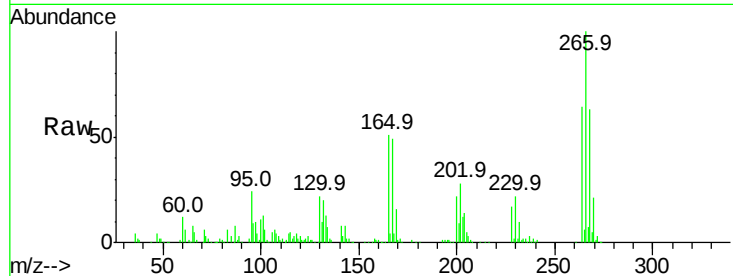
#69
 Pentachlorophenol
 Concen: 65.563 ng
 RT: 11.20 min Scan# 1549
 Delta R.T. -0.00 min
 Lab File: BF099094.D
 Acq: 5 Oct 2017 10:12

Instrument :
 BNA_F
 ClientSampleId :
 PB102887BS

Tot Ion	Ratio	Resp	Lower	Upper
266	100	214218		
268	62.8	51.1	76.7	
264	63.6	49.5	74.3	

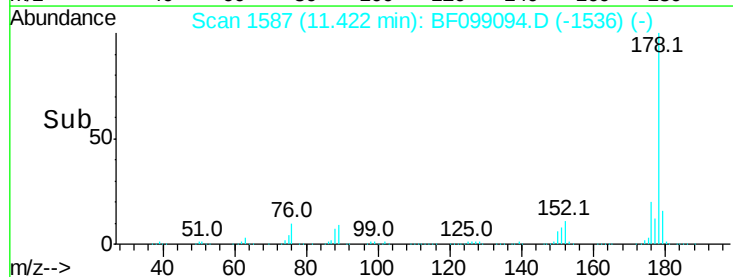
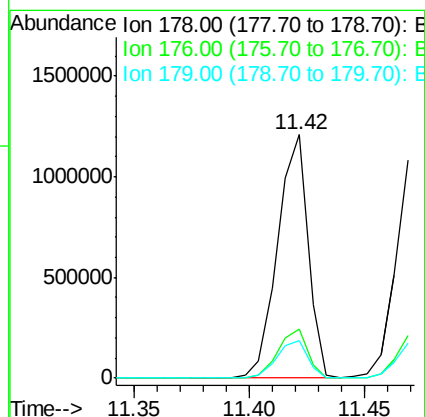
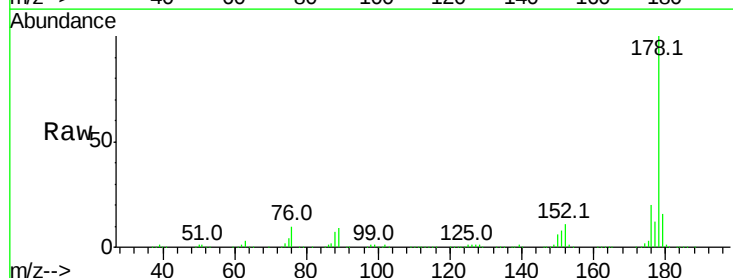
Manual Integrations
 APPROVED

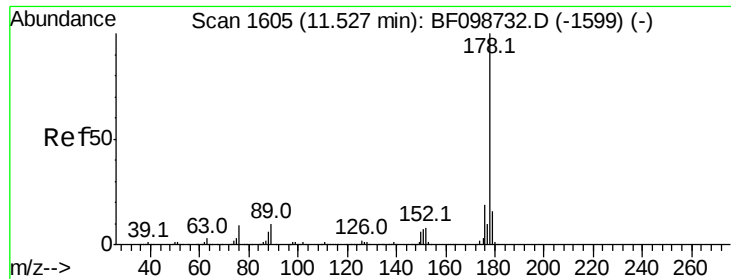
Sohil
 10/6/2017 5:34:45 PM



#70
 Phenanthrene
 Concen: 41.247 ng
 RT: 11.42 min Scan# 1587
 Delta R.T. -0.00 min
 Lab File: BF099094.D
 Acq: 5 Oct 2017 10:12

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	1108717		
176	20.1	15.8	23.8	
179	15.5	13.0	19.6	





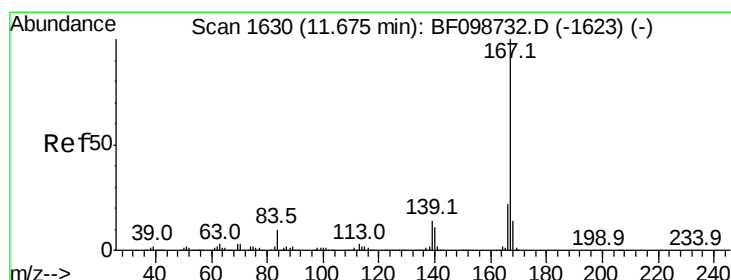
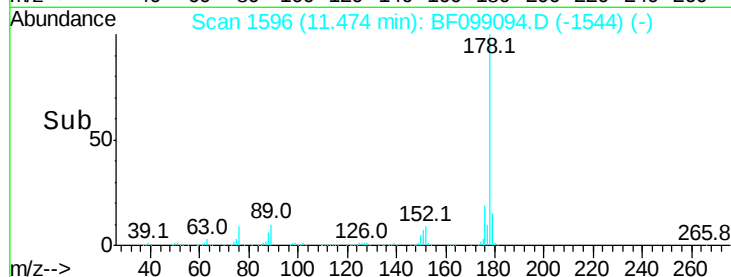
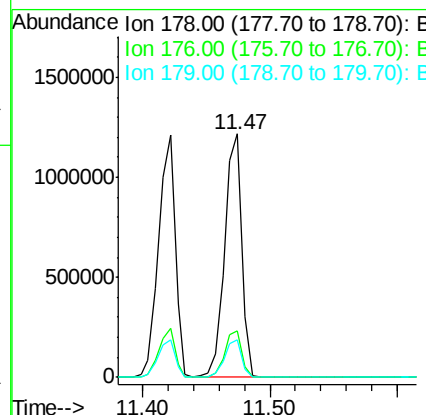
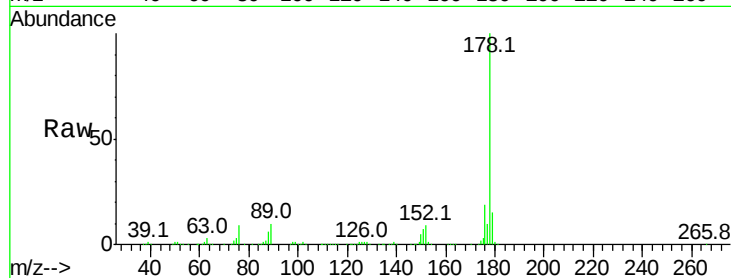
#71
 Anthracene
 Concen: 42.024 ng
 RT: 11.47 min Scan# 1596
 Delta R.T. 0.01 min
 Lab File: BF099094.D
 Acq: 5 Oct 2017 10:12

Instrument :
 BNA_F
 ClientSampleId :
 PB102887BS

Tot Ion:178 Resp: 1155805
 Ion Ratio Lower Upper
 178 100
 176 19.1 15.4 23.2
 179 15.5 12.6 19.0

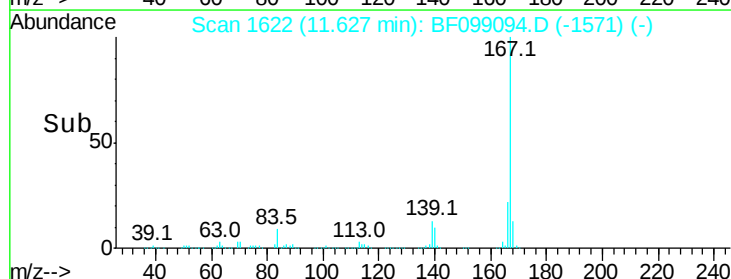
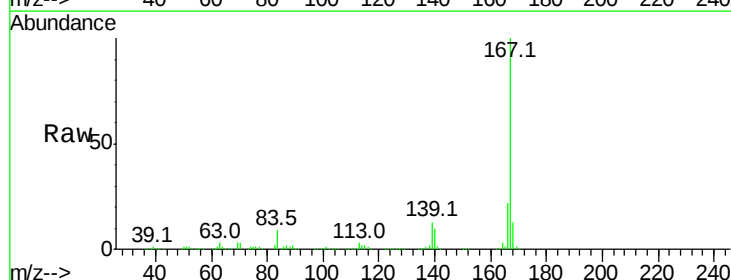
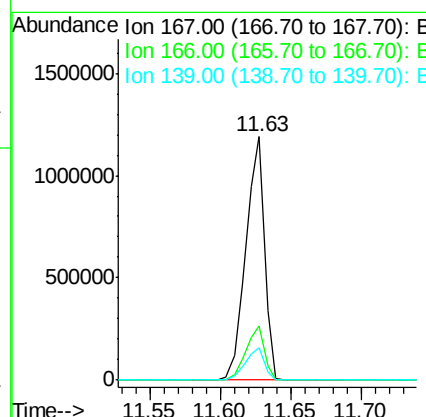
Manual Integrations
 APPROVED

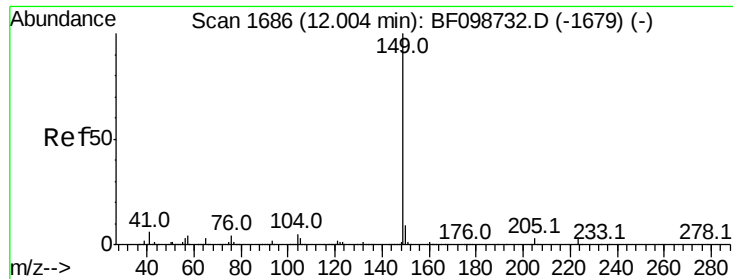
Sohil
 10/6/2017 5:34:45 PM



#72
 Carbazole
 Concen: 40.638 ng
 RT: 11.63 min Scan# 1622
 Delta R.T. -0.00 min
 Lab File: BF099094.D
 Acq: 5 Oct 2017 10:12

Tgt Ion:167 Resp: 1094521
 Ion Ratio Lower Upper
 167 100
 166 22.5 17.6 26.4
 139 13.1 10.9 16.3





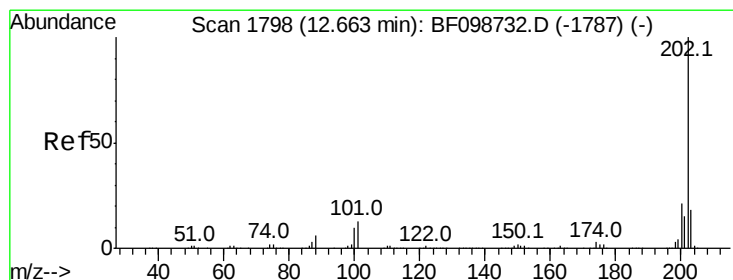
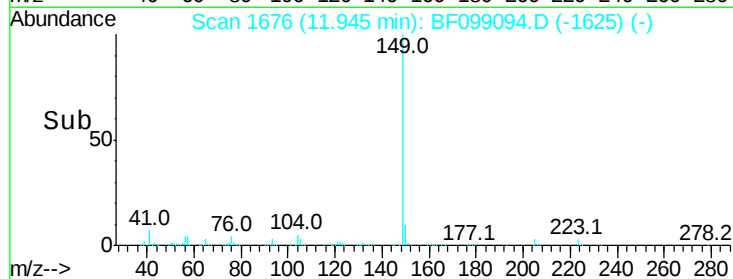
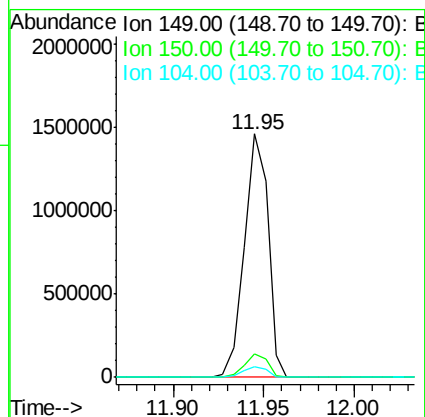
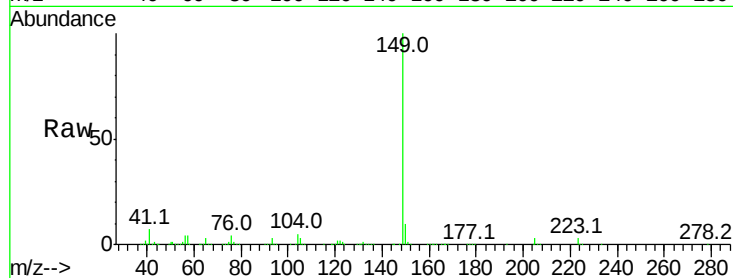
#73
Di-n-butylphthalate
Concen: 40.840 ng
RT: 11.95 min Scan# 1676
Delta R.T. -0.00 min
Lab File: BF099094.D
Acq: 5 Oct 2017 10:12

Instrument :
BNA_F
ClientSampleId :
PB102887BS

Tot Ion:149 Resp: 1323973
Ion Ratio Lower Upper
149 100
150 9.7 7.8 11.6
104 4.6 3.8 5.8

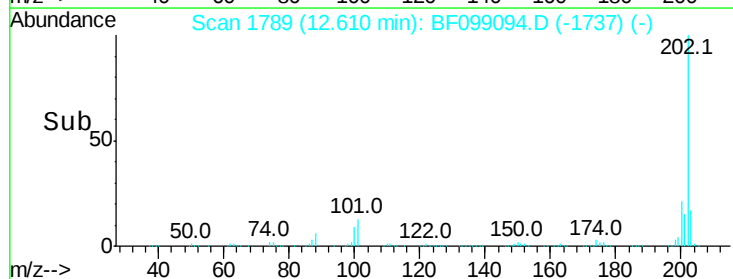
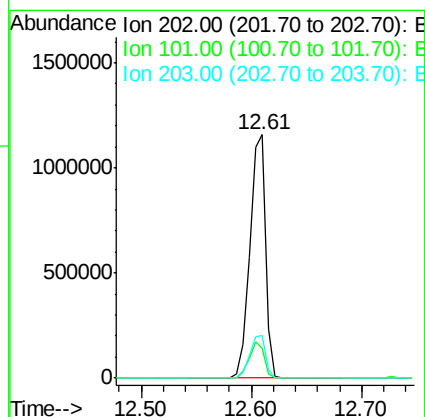
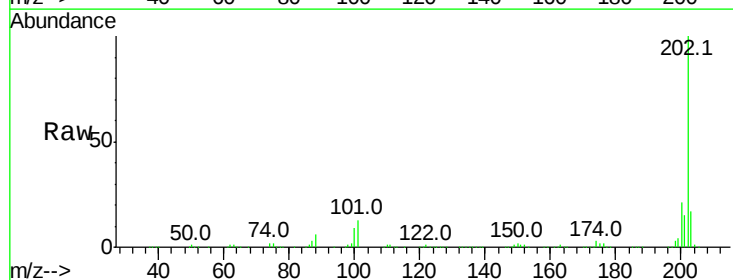
Manual Integrations
APPROVED

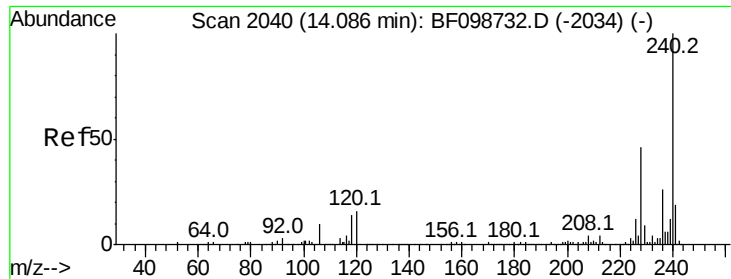
Sohil
10/6/2017 5:34:45 PM



#74
Fluoranthene
Concen: 42.362 ng
RT: 12.61 min Scan# 1789
Delta R.T. 0.01 min
Lab File: BF099094.D
Acq: 5 Oct 2017 10:12

Tgt Ion:202 Resp: 1153060
Ion Ratio Lower Upper
202 100
101 12.5 0.0 34.1
203 17.3 0.0 38.1





#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.04 min Scan# 2032

Delta R.T. 0.01 min

Lab File: BF099094.D

Acq: 5 Oct 2017 10:12

Instrument :

BNA_F

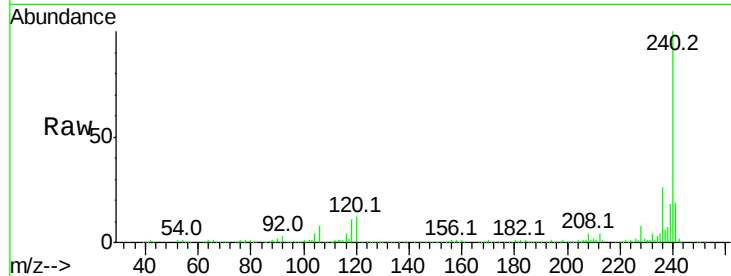
ClientSampled :

PB102887BS

Tot Ion	Ratio	Lower	Upper
240	100		
120	12.4	9.5	14.3
236	26.3	20.7	31.1

Manual Integrations
APPROVED

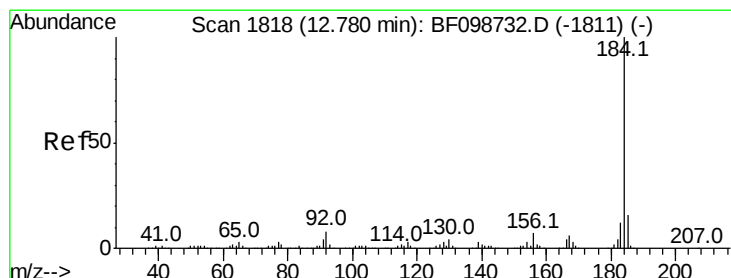
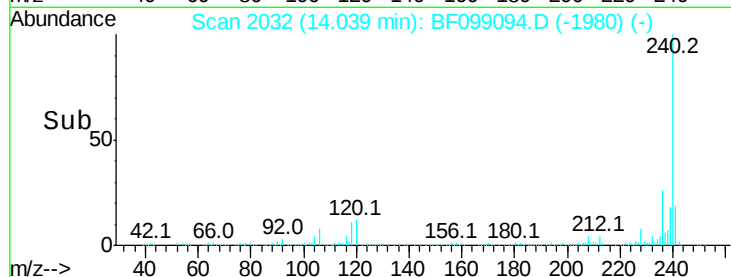
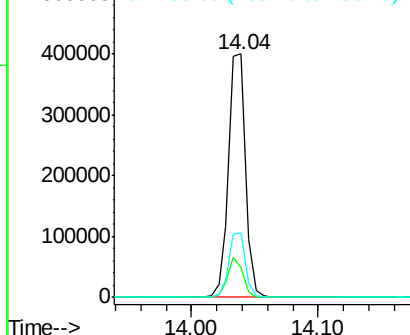
Sohil
10/6/2017 5:34:45 PM



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 47.360 ng

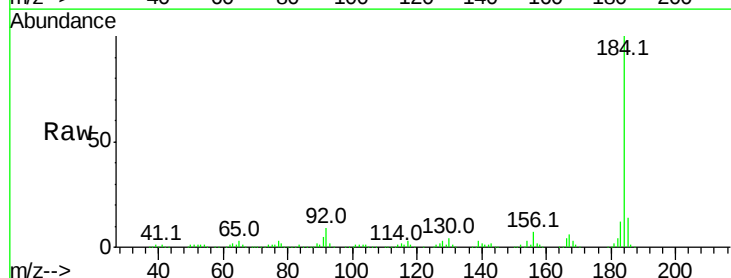
RT: 12.73 min Scan# 1809

Delta R.T. -0.00 min

Lab File: BF099094.D

Acq: 5 Oct 2017 10:12

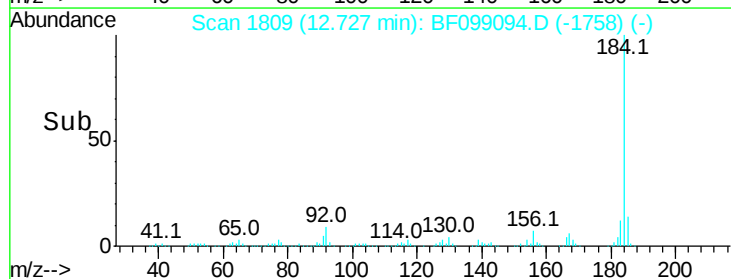
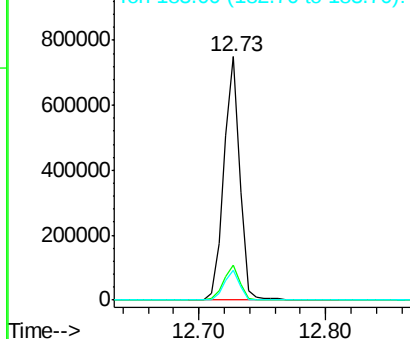
Tgt Ion	Ratio	Lower	Upper
184	100		
185	14.4	12.6	18.8
183	12.1	9.3	13.9



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





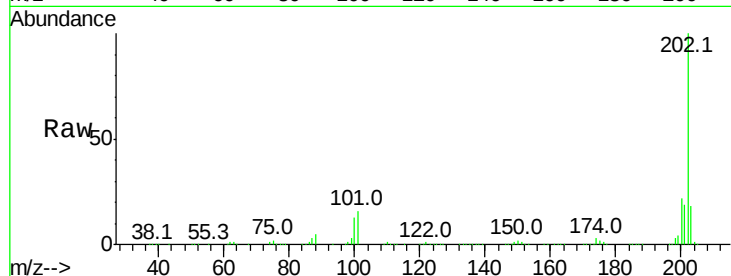
#77
Pvrene
Concen: 41.932 ng
RT: 12.84 min Scan# 1828
Delta R.T. -0.00 min
Lab File: BF099094.D
Acq: 5 Oct 2017 10:12

Instrument :
BNA_F
ClientSampleId :
PB102887BS

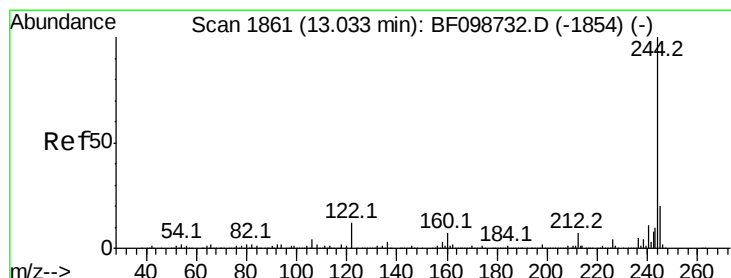
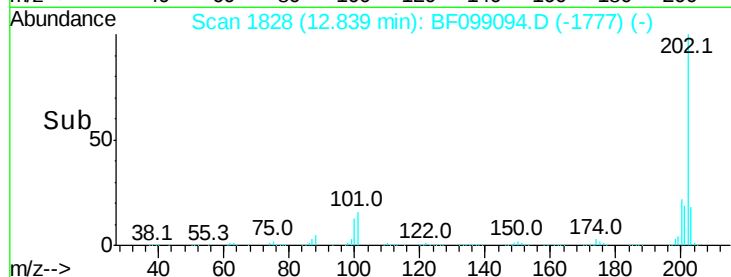
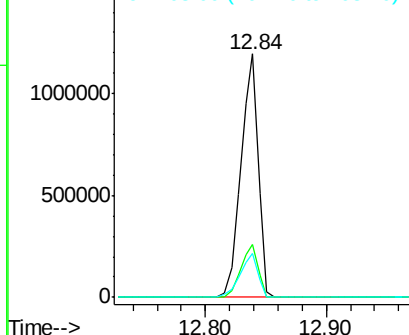
Tot Ion:202 Resp: 1191197
Ion Ratio Lower Upper
202 100
200 21.8 17.4 26.2
203 18.1 14.3 21.5

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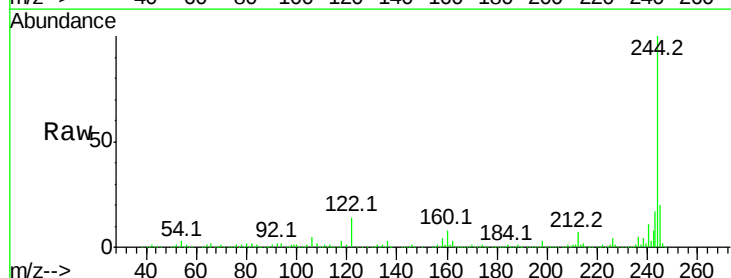


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E

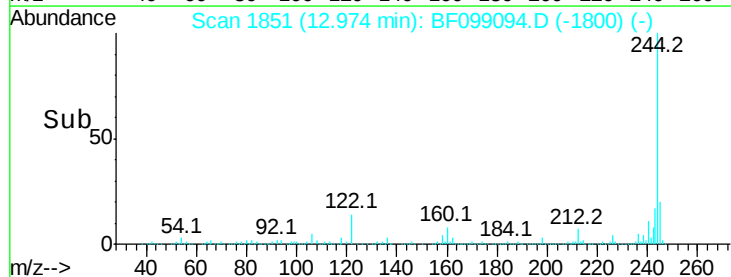
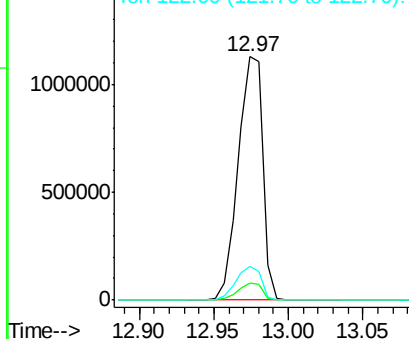


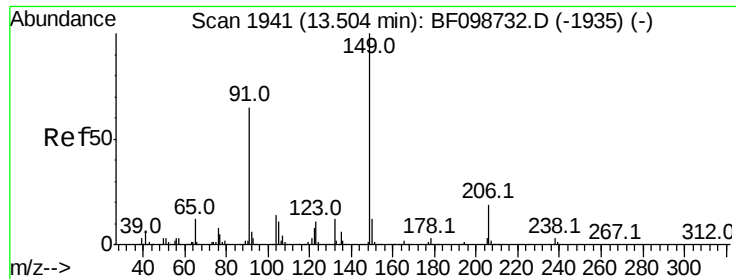
#78
Terphenyl-d14
Concen: 79.295 ng
RT: 12.97 min Scan# 1851
Delta R.T. -0.00 min
Lab File: BF099094.D
Acq: 5 Oct 2017 10:12

Tgt Ion:244 Resp: 1298938
Ion Ratio Lower Upper
244 100
212 7.2 5.4 8.0
122 13.9 11.0 16.4



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





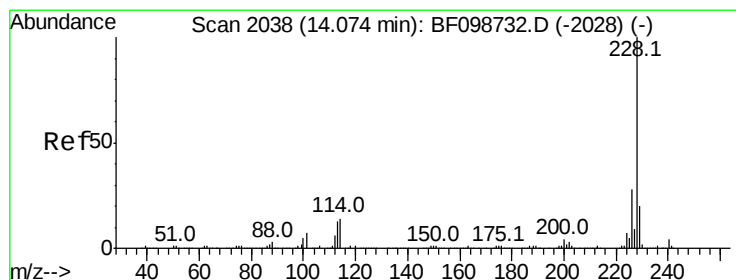
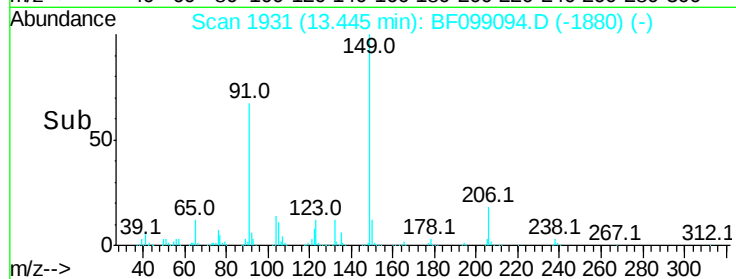
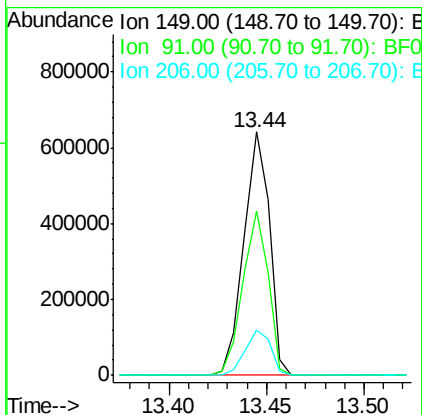
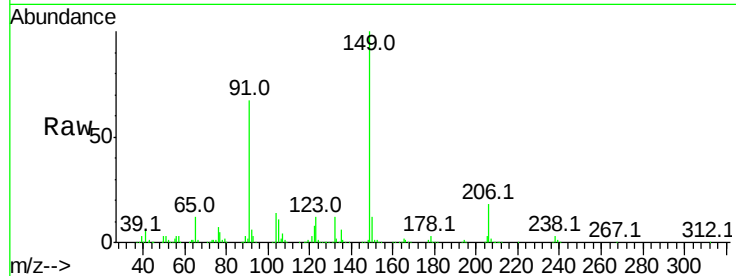
#79
Butylbenzylphthalate
Concen: 43.961 ng
RT: 13.44 min Scan# 1931
Delta R.T. -0.00 min
Lab File: BF099094.D
Acq: 5 Oct 2017 10:12

Instrument :
BNA_F
ClientSampleId :
PB102887BS

Tot Ion	Ratio	Resp	Lower	Upper
149	100	586921		
91	67.3	56.8	85.2	
206	18.4	14.1	21.1	

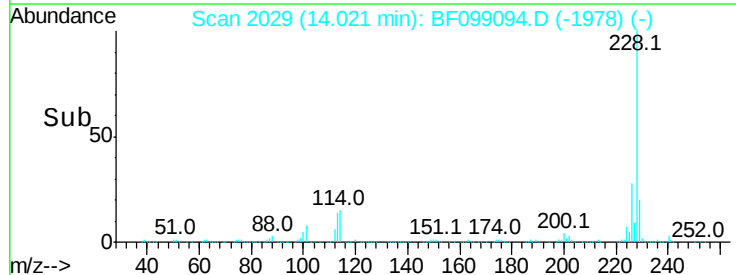
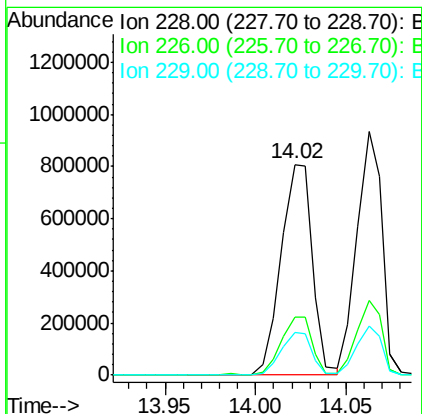
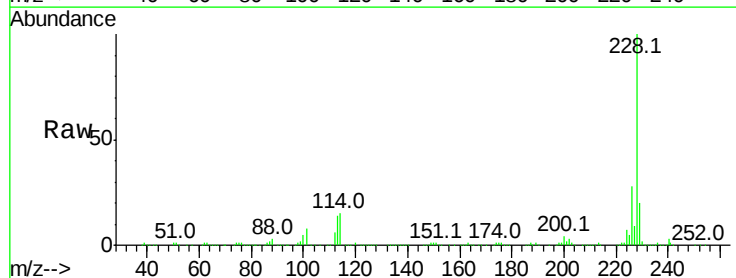
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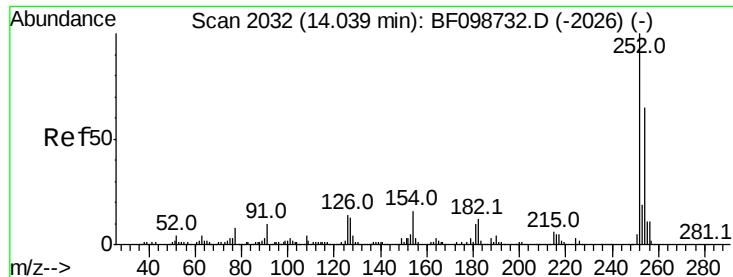
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#80
Benzo(a)anthracene
Concen: 43.565 ng
RT: 14.02 min Scan# 2029
Delta R.T. -0.00 min
Lab File: BF099094.D
Acq: 5 Oct 2017 10:12

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	982756		
226	27.7	22.6	33.8	
229	20.0	15.8	23.6	





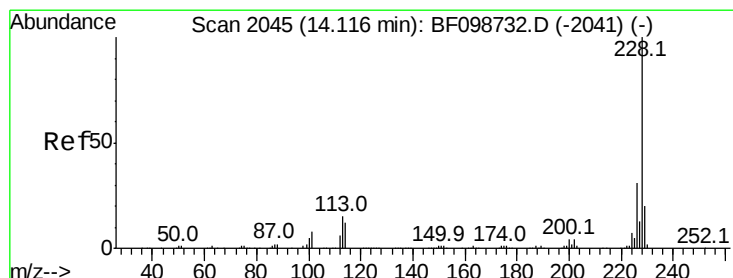
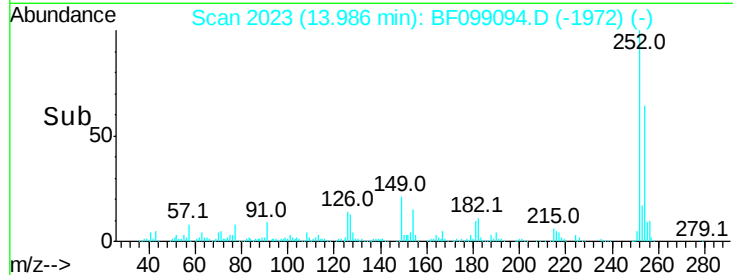
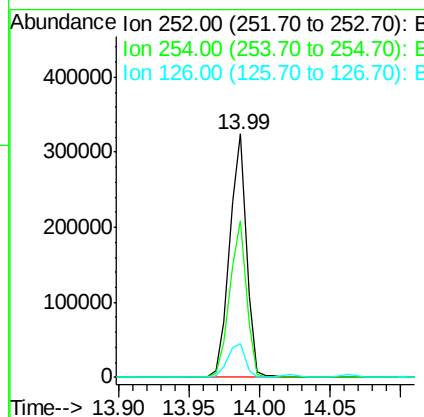
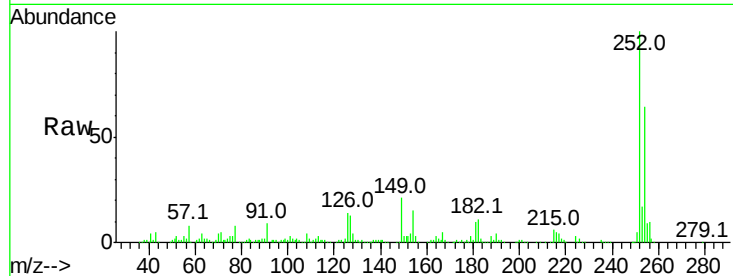
#81
 3,3'-Dichlorobenzidine
 Concen: 32.555 ng
 RT: 13.99 min Scan# 2032
 Delta R.T. -0.00 min
 Lab File: BF099094.D
 Acq: 5 Oct 2017 10:12

Instrument :
 BNA_F
 ClientSampleId :
 PB102887BS

Tot Ion	Ratio	Resp	Lower	Upper
252	100	269215		
254	64.2	50.4	75.6	
126	13.8	11.3	16.9	

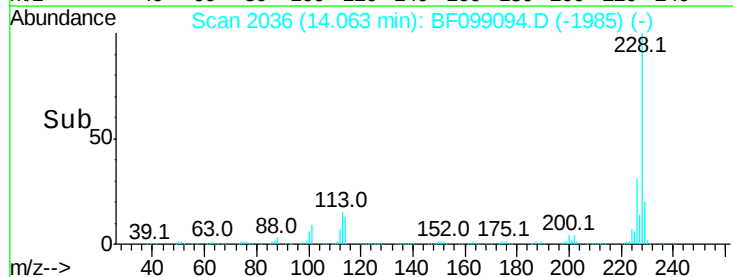
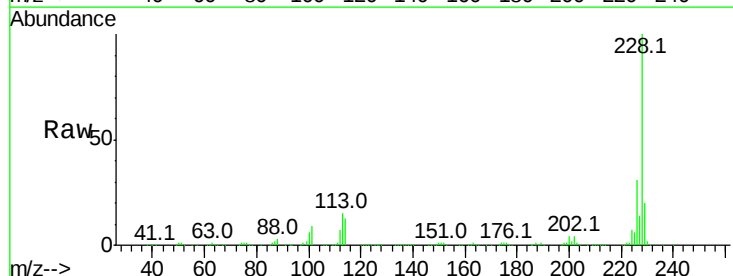
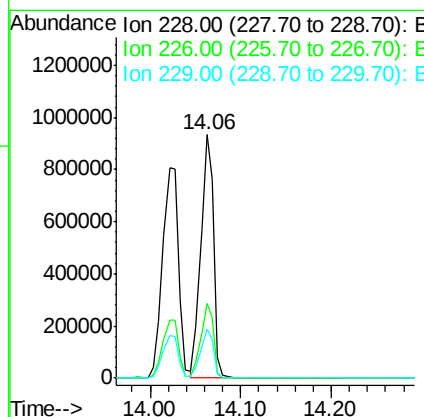
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#82
 Chrysene
 Concen: 42.315 ng
 RT: 14.06 min Scan# 2036
 Delta R.T. -0.00 min
 Lab File: BF099094.D
 Acq: 5 Oct 2017 10:12

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	908774		
226	30.8	25.0	37.6	
229	20.1	16.2	24.4	





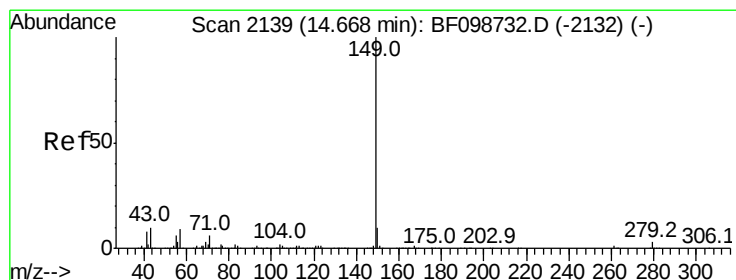
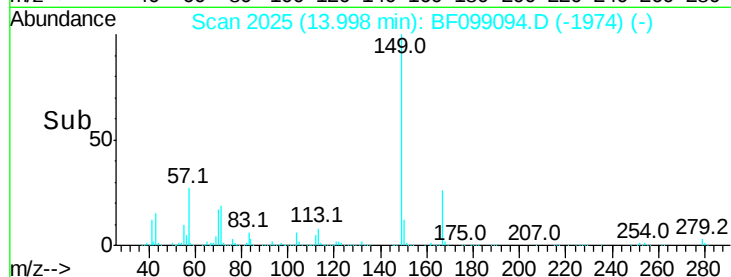
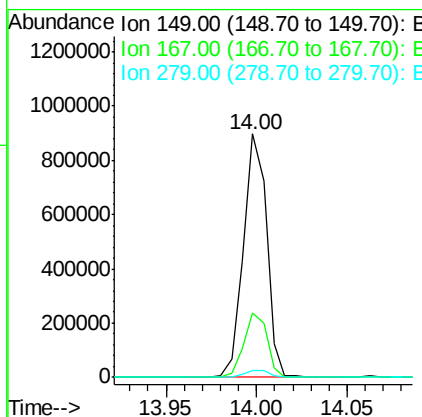
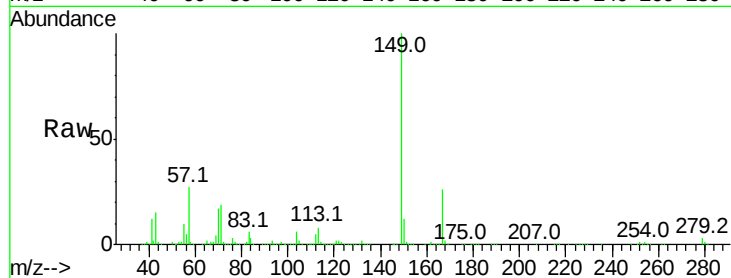
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 43.446 ng
 RT: 14.00 min Scan# 2025
 Delta R.T. -0.00 min
 Lab File: BF099094.D
 Acq: 5 Oct 2017 10:12

Instrument :
 BNA_F
 ClientSampleId :
 PB102887BS

Tot Ion	Ratio	Lower	Upper
149	100		
167	26.3	21.3	31.9
279	2.7	3.0	4.4#

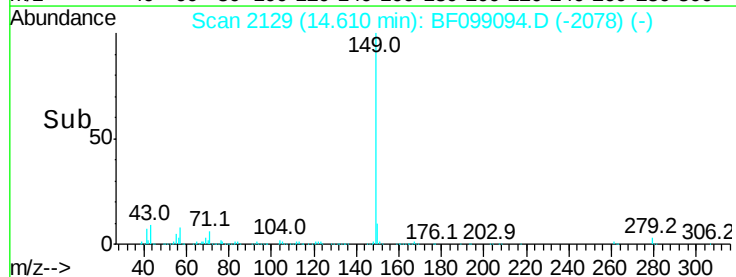
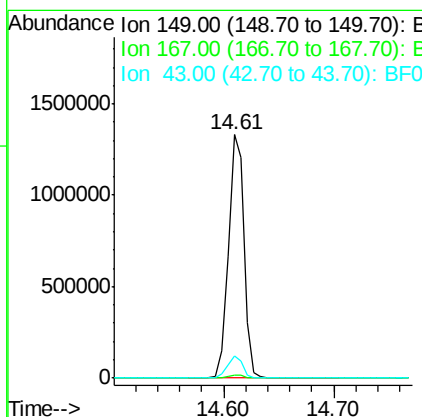
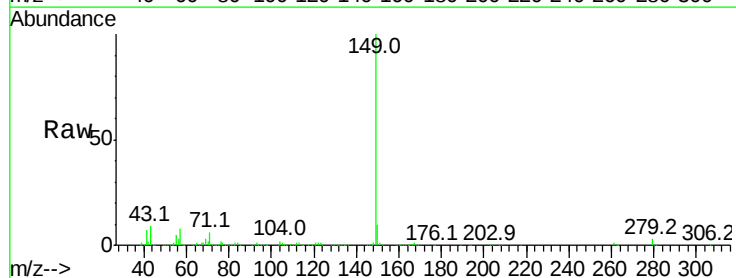
Manual Integrations
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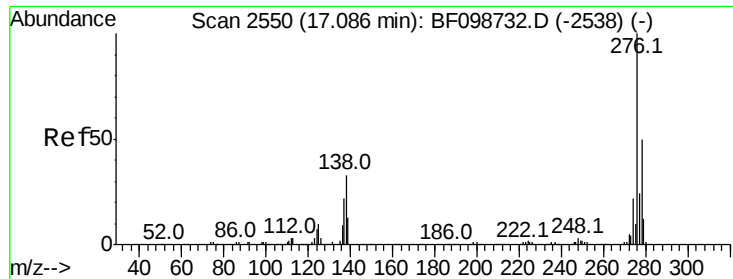
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#84
 Di-n-octyl phthalate
 Concen: 44.448 ng
 RT: 14.61 min Scan# 2129
 Delta R.T. -0.00 min
 Lab File: BF099094.D
 Acq: 5 Oct 2017 10:12

Tgt Ion	Ratio	Lower	Upper
149	100		
167	1.5	1.2	1.8
43	8.8	8.4	12.6





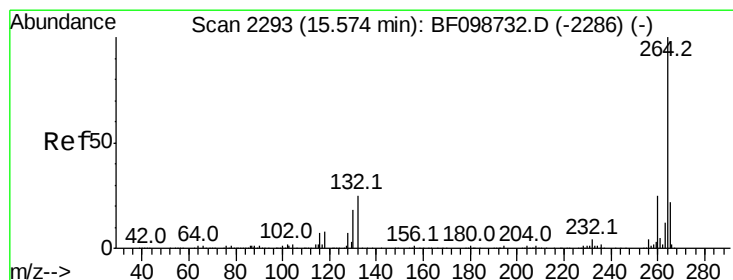
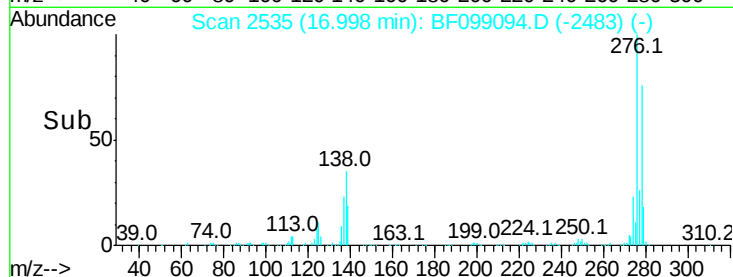
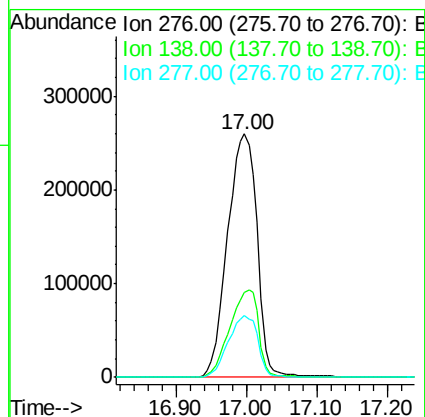
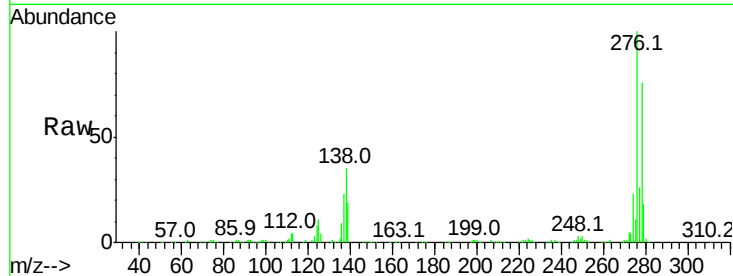
#85
Indeno(1,2,3-cd)pyrene
Concen: 44.028 ng
RT: 17.00 min Scan# 2535
Delta R.T. 0.01 min
Lab File: BF099094.D
Acq: 5 Oct 2017 10:12

Instrument :
BNA_F
ClientSampleId :
PB102887BS

Tot Ion	Ratio	Lower	Upper
276	100		
138	35.2	25.0	37.6
277	25.3	20.1	30.1

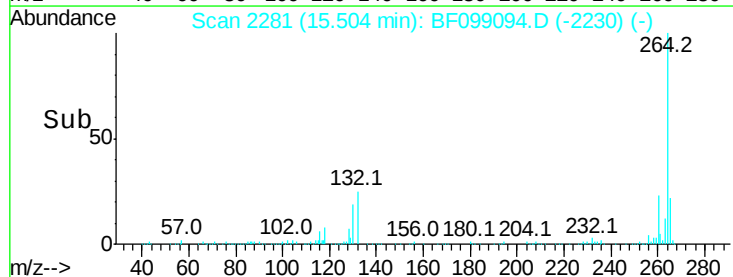
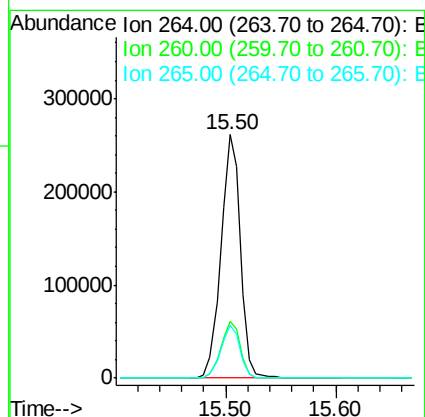
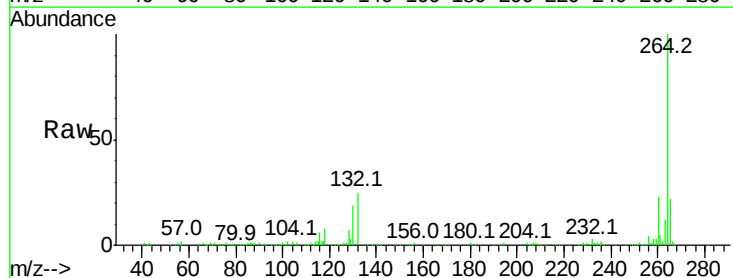
Manual Integrations
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#86
Perylene-d12
Concen: 20.000 ng
RT: 15.50 min Scan# 2281
Delta R.T. -0.00 min
Lab File: BF099094.D
Acq: 5 Oct 2017 10:12

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.5	19.2	28.8
265	21.6	17.5	26.3





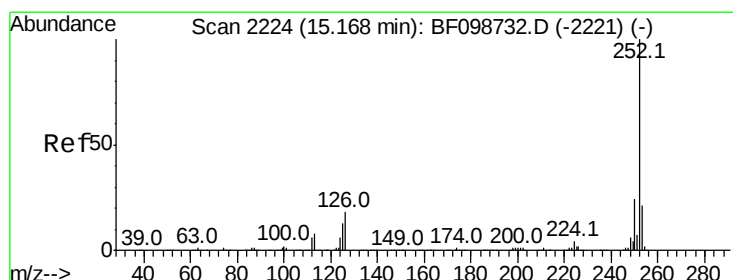
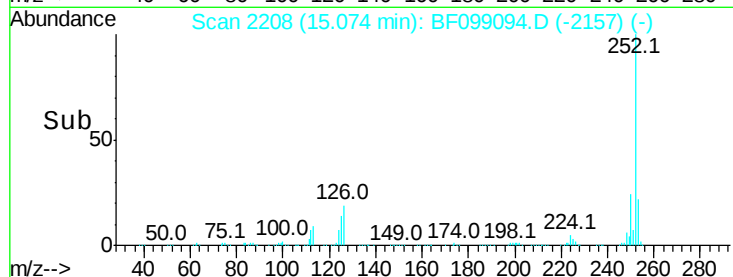
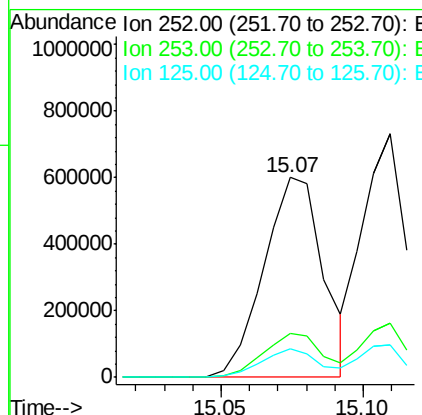
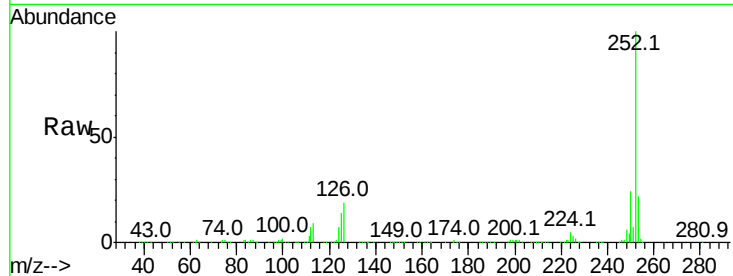
#87
Benzo(b)fluoranthene
Concen: 44.750 ng m
RT: 15.07 min Scan# 2208
Delta R.T. -0.00 min
Lab File: BF099094.D
Acq: 5 Oct 2017 10:12

Instrument :
BNA_F
ClientSampleId :
PB102887BS

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.8	17.0	25.6
125	14.1	9.0	13.6

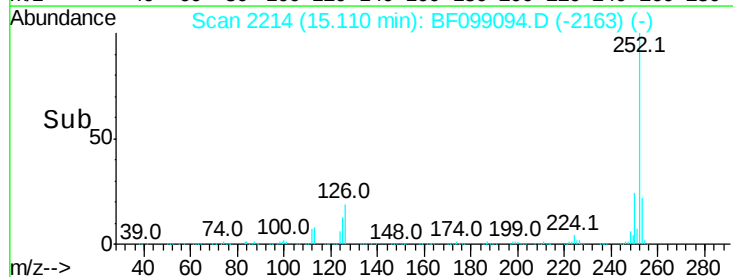
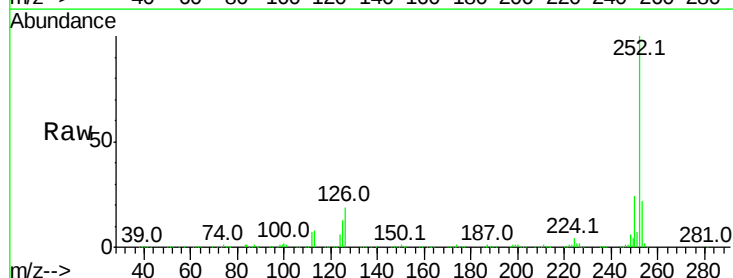
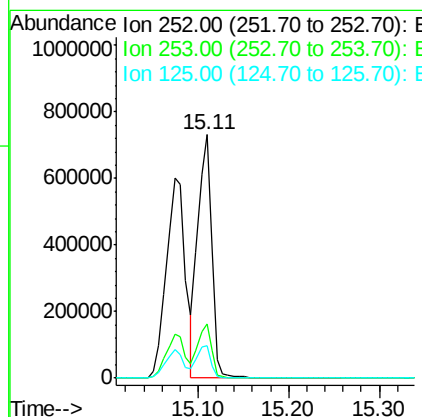
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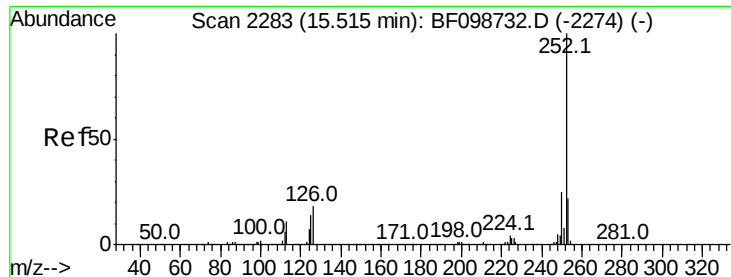
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#88
Benzo(k)fluoranthene
Concen: 40.212 ng
RT: 15.11 min Scan# 2214
Delta R.T. -0.00 min
Lab File: BF099094.D
Acq: 5 Oct 2017 10:12

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.4	17.9	26.9
125	13.3	10.2	15.2





#89

Benzo(a)pyrene

Concen: 43.443 ng

RT: 15.45 min Scan# 2272

Delta R.T. 0.01 min

Lab File: BF099094.D

Acq: 5 Oct 2017 10:12

Instrument :

BNA_F

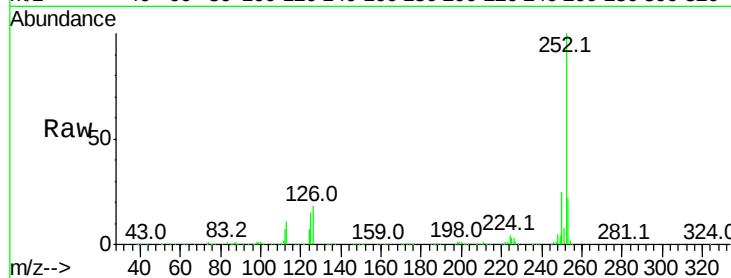
ClientSampleId :

PB102887BS

Tot Ion:	252	Resp:	782847
Ion Ratio	Lower	Upper	
252	100		
253	22.2	17.1	25.7
125	14.8	9.8	14.6

Manual Integrations
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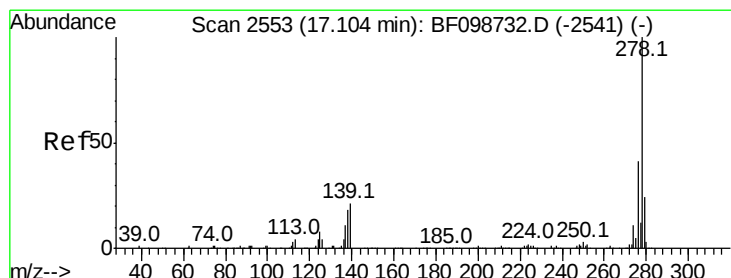
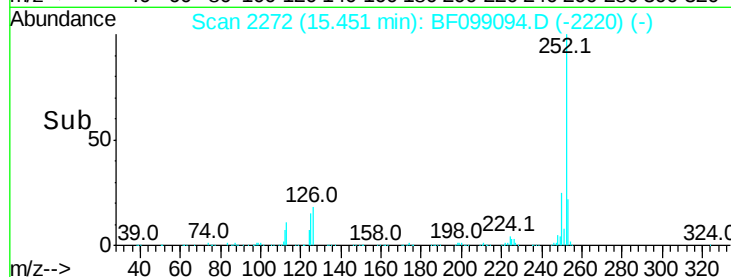
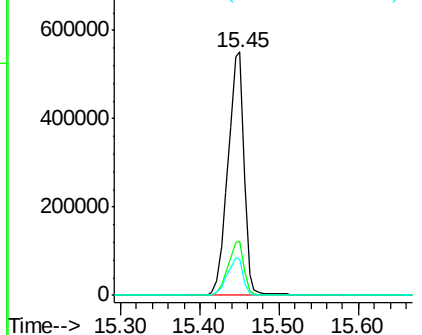
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Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Dibenzo(a,h)anthracene

Concen: 43.499 ng

RT: 17.01 min Scan# 2537

Delta R.T. -0.00 min

Lab File: BF099094.D

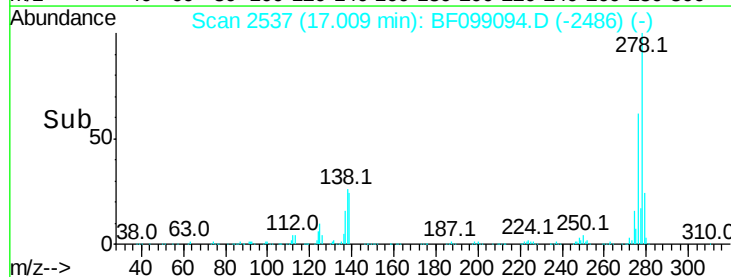
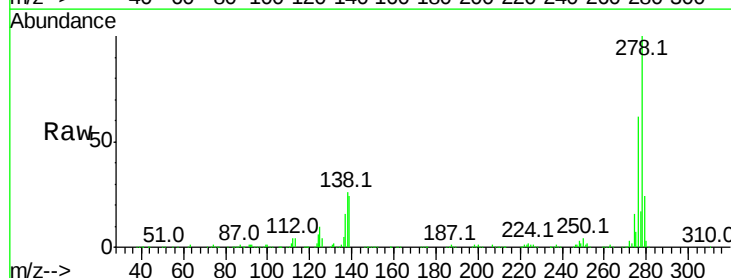
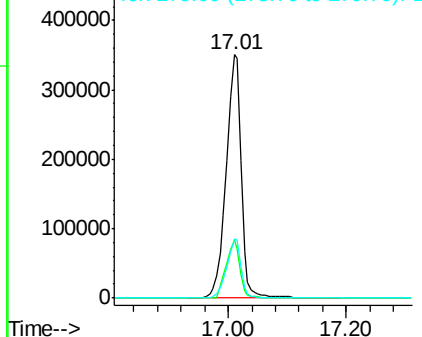
Acq: 5 Oct 2017 10:12

Tgt Ion:	278	Resp:	627326
Ion Ratio	Lower	Upper	
278	100		
139	24.0	15.9	23.9
279	24.4	19.0	28.4

Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#91

Benzo(a,h,i)perylene

Concen: 44.776 ng

RT: 17.45 min Scan# 2612

Delta R.T. 0.01 min

Lab File: BF099094.D

Acq: 5 Oct 2017 10:12

Instrument :

BNA_F

ClientSampleId :

PB102887BS

Tot Ion: 276 Resp: 638296

Ion Ratio Lower Upper

276 100

277 24.2 17.9 26.9

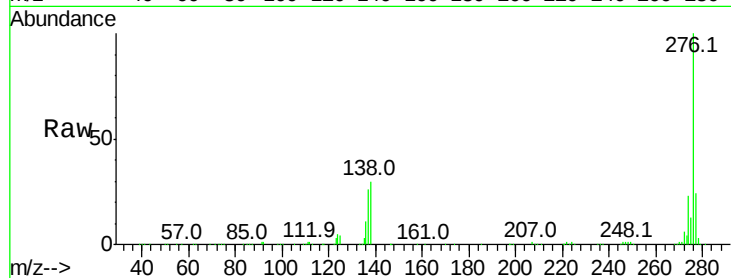
138 29.8 21.8 32.8

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Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

