

Data Path : Z:\HPCHEM1\BNA F\DATA\BF101617\
 Data File : BF099552.D
 Acq On : 16 Oct 2017 19:03
 Operator : SJ/JU
 Sample : PB103252BS
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB103252BS

Manual Integrations
 APPROVED

Sohil
 10/17/2017 5:02:02 PM

Quant Time: Oct 17 01:44:15 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF092317.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Oct 11 16:25:21 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	95988	20.00	ng	0.00
21) Naphthalene-d8	8.13	136	396902	20.00	ng	0.00
38) Acenaphthene-d10	9.89	164	176880	20.00	ng	0.00
63) Phenanthrene-d10	11.37	188	293500	20.00	ng	0.00
75) Chrysene-d12	14.02	240	171188	20.00	ng	0.00
86) Perylene-d12	15.49	264	168800	20.00	ng	0.01

System Monitoring Compounds

5) 2-Fluorophenol	5.48	112	848020	140.64	ng	0.01
7) Phenol-d6	6.49	99	1014394	136.37	ng	0.00
23) Nitrobenzene-d5	7.42	82	605302	97.80	ng	0.00
41) 2,4,6-Tribromophenol	10.68	330	204644	141.39	ng	0.00
44) 2-Fluorobiphenyl	9.20	172	1131222	106.77	ng	0.00
78) Terphenyl-d14	12.96	244	808289	107.38	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.69	88	104771	36.374	ng	94
3) Pyridine	3.47	79	273750	35.133	ng	92
4) n-Nitrosodimethylamine	3.42	42	114229	34.571	ng	# 76
6) Aniline	6.51	93	331828	33.053	ng	# 92
8) 2-Chlorophenol	6.63	128	295232	43.236	ng	97
9) Benzaldehyde	6.40	77	99105	22.969	ng	94
10) Phenol	6.50	94	357430	42.966	ng	93
11) bis(2-Chloroethyl)ether	6.59	93	279036	43.146	ng	95
12) 1,3-Dichlorobenzene	6.79	146	318647	44.558	ng	97
13) 1,4-Dichlorobenzene	6.86	146	320280	44.019	ng	98
14) 1,2-Dichlorobenzene	7.02	146	296944	44.168	ng	98
15) Benzyl Alcohol	6.99	79	217571	39.871	ng	97
16) 2,2'-oxybis(1-Chloropropan	7.12	45	377976	37.512	ng	86
17) 2-Methylphenol	7.10	107	245527	43.944	ng	97
18) Hexachloroethane	7.35	117	109852	42.004	ng	97
19) n-Nitroso-di-n-propylamine	7.26	70	183743	38.690	ng	91
20) 3+4-Methylphenols	7.26	107	286998	40.604	ng	# 75
22) Acetophenone	7.26	105	381434	39.666	ng	# 96
24) Nitrobenzene	7.43	77	285996	40.736	ng	95
25) Isophorone	7.67	82	543198	42.451	ng	99
26) 2-Nitrophenol	7.75	139	165873	49.132	ng	92
27) 2,4-Dimethylphenol	7.78	122	262241	41.131	ng	98
28) bis(2-Chloroethoxy)methane	7.87	93	350846	43.998	ng	99
29) 2,4-Dichlorophenol	7.99	162	248032	45.311	ng	96
30) 1,2,4-Trichlorobenzene	8.07	180	252029	46.033	ng	99
31) Naphthalene	8.15	128	832722	44.672	ng	100
32) Benzoic acid	7.92	122	111776	21.343	ng	93
33) 4-Chloroaniline	8.20	127	240546	30.901	ng	95
34) Hexachlorobutadiene	8.26	225	123728	43.876	ng	98
35) Caprolactam	8.58	113	80829m	46.032	ng	
36) 4-Chloro-3-methylphenol	8.69	107	255208	41.479	ng	91
37) 2-Methylnaphthalene	8.84	142	572454	47.239	ng	98
39) 1,2,4,5-Tetrachlorobenzene	9.01	216	228783	43.371	ng	99
40) Hexachlorocyclopentadiene	8.99	237	87423	36.265	ng	99

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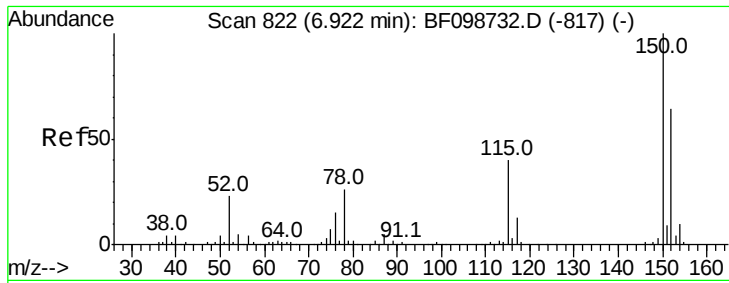
Manual Integrations
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Sohil
 10/17/2017 5:02:02 PM

Quant Time: Oct 17 01:44:15 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF092317.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Oct 11 16:25:21 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.12	196	158242	42.344	nq	99
43) 2,4,5-Trichlorophenol	9.17	196	162315	43.510	nq	95
45) 1,1'-Biphenyl	9.30	154	659326	43.372	nq	98
46) 2-Chloronaphthalene	9.33	162	513583	44.997	nq	96
47) 2-Nitroaniline	9.43	65	148007	42.349	nq	92
48) Acenaphthylene	9.75	152	776753	44.455	nq	99
49) Dimethylphthalate	9.60	163	618514	46.331	nq	99
50) 2,6-Dinitrotoluene	9.67	165	136233	46.874	nq	89
51) Acenaphthene	9.92	154	452991	40.928	nq	99
52) 3-Nitroaniline	9.85	138	127229	37.544	nq	94
53) 2,4-Dinitrophenol	9.96	184	63960	45.018	nq #	88
54) Dibenzofuran	10.09	168	667412	45.289	nq	99
55) 4-Nitrophenol	10.02	139	179332	62.583	nq	82
56) 2,4-Dinitrotoluene	10.09	165	165565	43.894	nq #	94
57) Fluorene	10.43	166	533070	45.005	nq	99
58) 2,3,4,6-Tetrachlorophenol	10.22	232	118418	45.952	nq	97
59) Diethylphthalate	10.30	149	577993	44.308	nq	97
60) 4-Chlorophenyl-phenylether	10.42	204	245882	46.213	nq	98
61) 4-Nitroaniline	10.47	138	145999	44.656	nq	86
62) Azobenzene	10.59	77	519256	43.292	nq	91
64) 4,6-Dinitro-2-methylphenol	10.50	198	54814	30.696	nq #	78
65) n-Nitrosodiphenylamine	10.55	169	482304	47.435	nq	100
66) 4-Bromophenyl-phenylether	10.92	248	140561	48.927	nq #	87
67) Hexachlorobenzene	10.99	284	136806	44.586	nq #	90
68) Atrazine	11.07	200	151370	49.481	nq	98
69) Pentachlorophenol	11.18	266	107559	56.325	nq	99
70) Phenanthrene	11.40	178	713633	45.425	nq	99
71) Anthracene	11.45	178	746154	46.418	nq	99
72) Carbazole	11.61	167	677692	43.052	nq	99
73) Di-n-butylphthalate	11.93	149	871275	45.984	nq	98
74) Fluoranthene	12.59	202	655314	41.193	nq	99
76) Benzidine	12.71	184	308508	48.725	nq	98
77) Pyrene	12.82	202	642415	49.213	nq	99
79) Butylbenzylphthalate	13.42	149	305681	49.826	nq	98
80) Benzo(a)anthracene	14.01	228	484505	46.740	nq	99
81) 3,3'-Dichlorobenzidine	13.96	252	156826	41.270	nq	99
82) Chrysene	14.04	228	449612	45.559	nq	99
83) Bis(2-ethylhexyl)phthalate	13.97	149	397121	47.011	nq #	99
84) Di-n-octyl phthalate	14.59	149	635015	46.684	nq #	95
85) Indeno(1,2,3-cd)pyrene	16.99	276	497832	63.061	nq	96
87) Benzo(b)fluoranthene	15.06	252	462968	44.608	nq	99
88) Benzo(k)fluoranthene	15.09	252	428505	41.802	nq	99
89) Benzo(a)pyrene	15.43	252	447125	46.934	nq	98
90) Dibenzo(a,h)anthracene	16.99	278	419896	55.074	nq	98
91) Benzo(g,h,i)perylene	17.43	276	415522	55.136	nq	94

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



#1

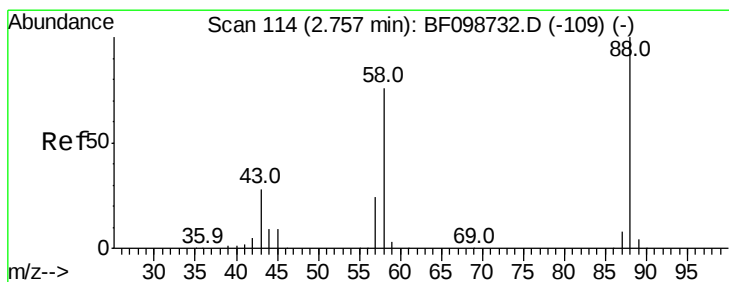
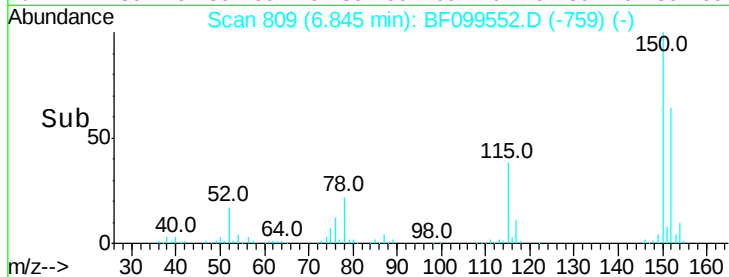
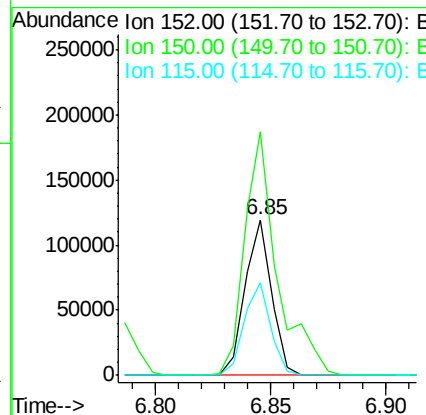
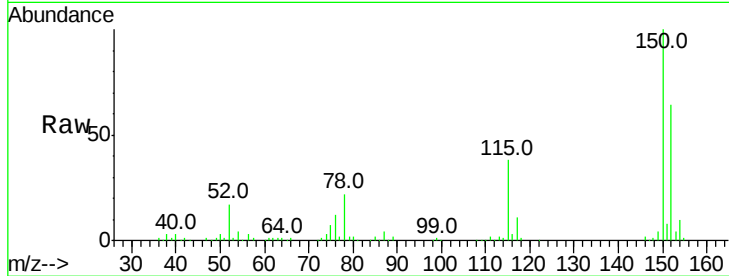
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.85 min Scan# 809
Delta R.T. -0.01 min
Lab File: BF099552.D
Acq: 16 Oct 2017 19:03

Instrument :
BNA_F
ClientSampleId :
PB103252BS

Tot Ion	Ratio	Lower	Upper
152	100		
150	156.2	124.6	186.8
115	59.4	50.1	75.1

Manual Integrations
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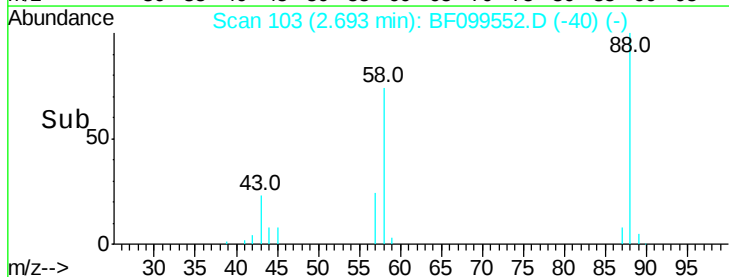
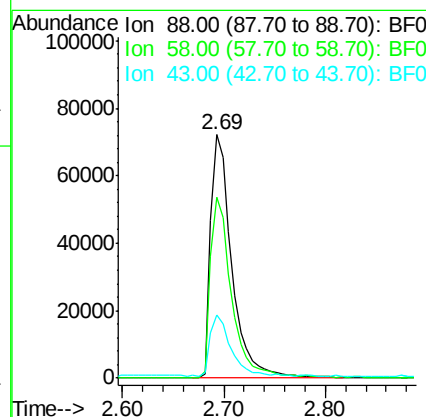
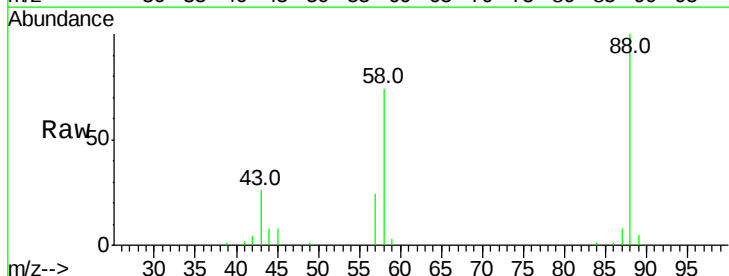
Sohil
10/17/2017 5:02:02 PM

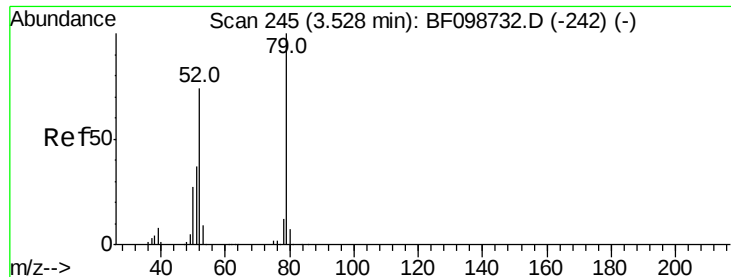


#2

1,4-Dioxane
Concen: 36.374 ng
RT: 2.69 min Scan# 103
Delta R.T. 0.07 min
Lab File: BF099552.D
Acq: 16 Oct 2017 19:03

Tgt Ion	Ratio	Lower	Upper
88	100		
58	74.7	62.6	93.8
43	25.5	24.6	37.0





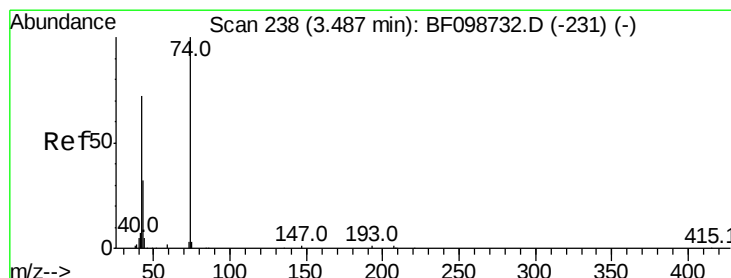
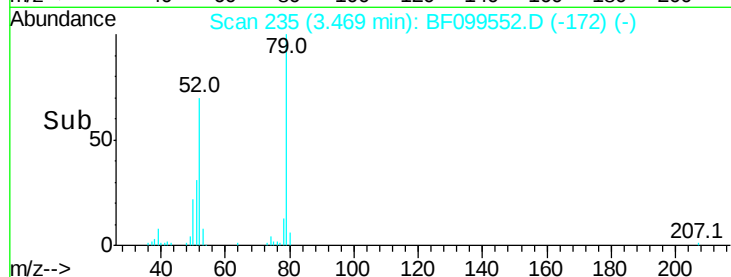
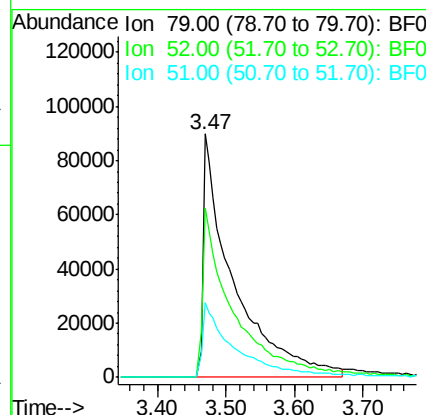
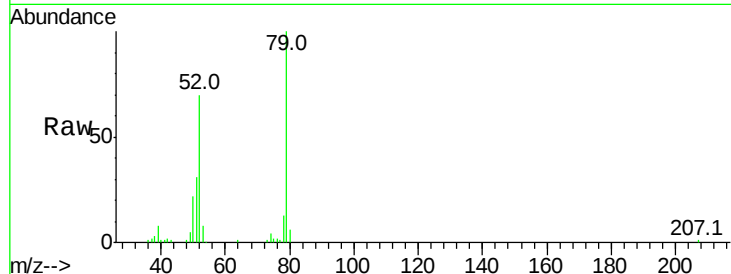
#3
 Pvridine
 Concen: 35.133 ng
 RT: 3.47 min Scan# 235
 Delta R.T. 0.07 min
 Lab File: BF099552.D
 Acq: 16 Oct 2017 19:03

Instrument :
 BNA_F
 ClientSampleId :
 PB103252BS

Tot Ion	Ratio	Lower	Upper
79	100		
52	69.7	59.8	89.6
51	30.5	29.8	44.8

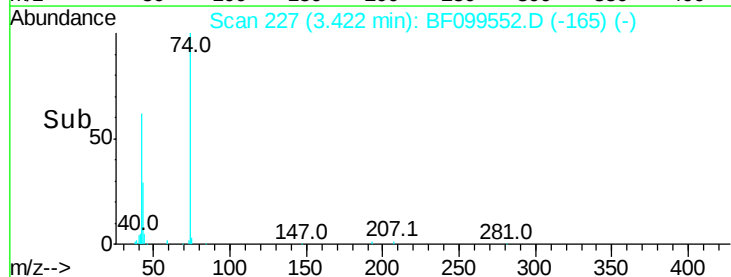
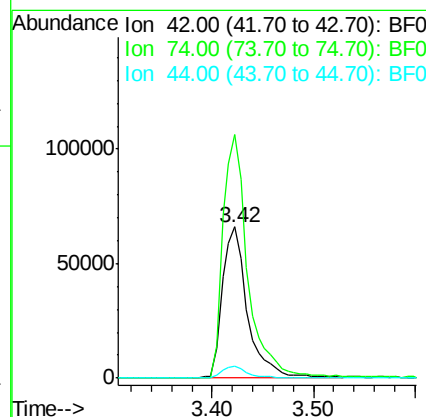
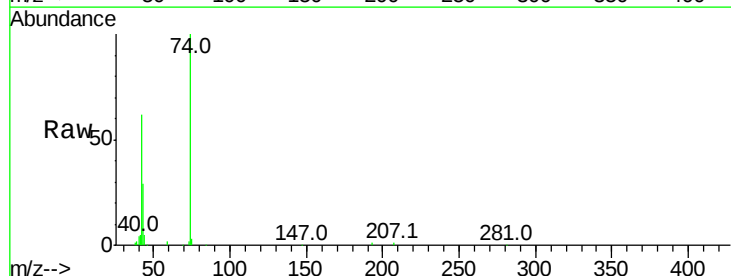
Manual Integrations
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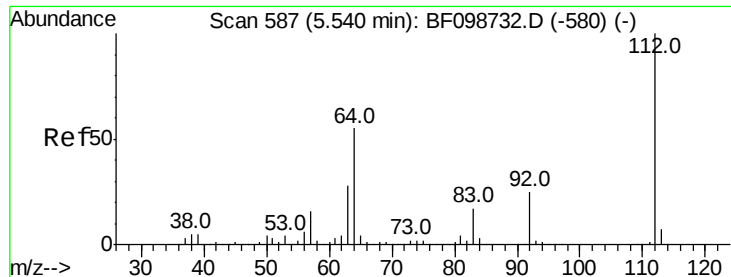
Sohil
 10/17/2017 5:02:02 PM



#4
 n-Nitrosodimethylamine
 Concen: 34.571 ng
 RT: 3.42 min Scan# 227
 Delta R.T. 0.06 min
 Lab File: BF099552.D
 Acq: 16 Oct 2017 19:03

Tgt Ion	Ratio	Lower	Upper
42	100		
74	160.9	104.9	157.3#
44	7.8	6.9	10.3





#5

2-Fluorophenol

Concen: 140.639 ng

RT: 5.48 min Scan# 577

Delta R.T. 0.01 min

Lab File: BF099552.D

Acq: 16 Oct 2017 19:03

Instrument :

BNA_F

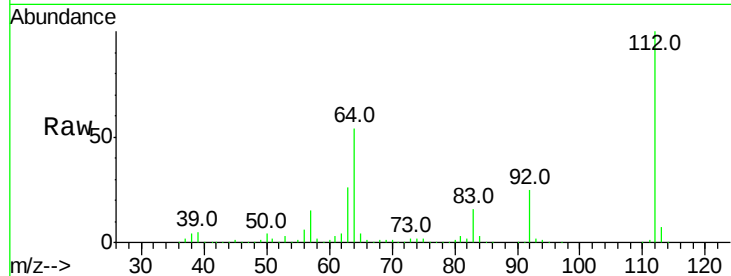
ClientSampleId :

PB103252BS

Tot Ion:	112	Resp:	848020
Ion Ratio	Lower	Upper	
112	100		
64	53.9	47.9	71.9
63	26.3	23.7	35.5

Manual Integrations
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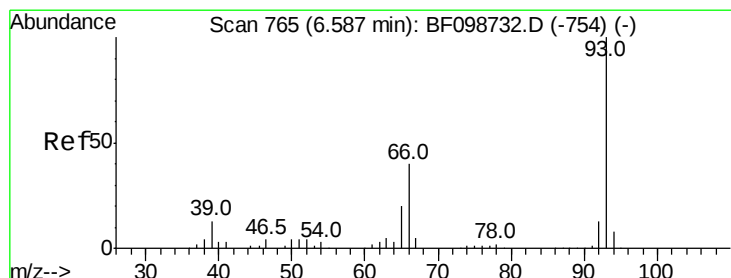
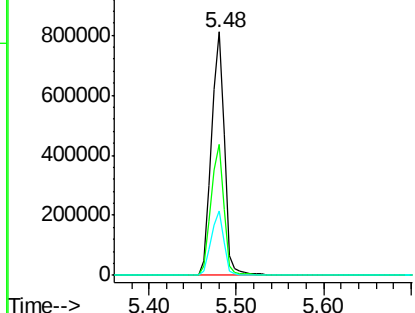
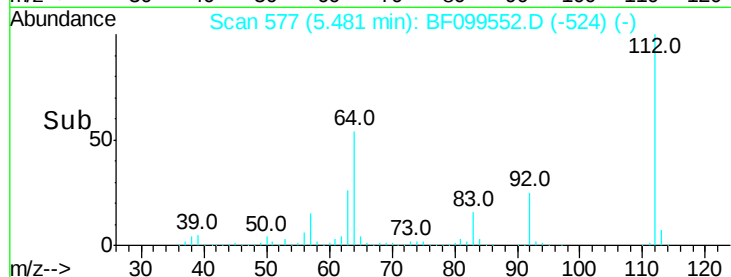
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Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 33.053 ng

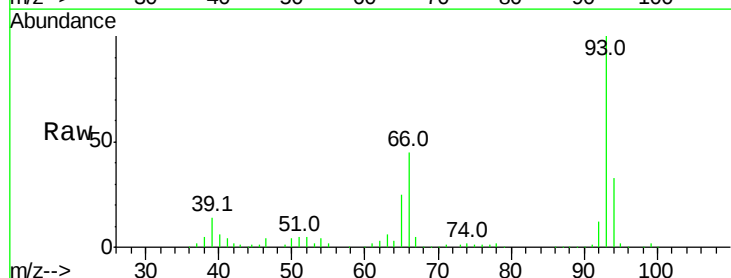
RT: 6.51 min Scan# 752

Delta R.T. -0.01 min

Lab File: BF099552.D

Acq: 16 Oct 2017 19:03

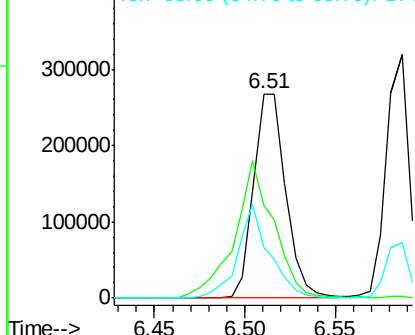
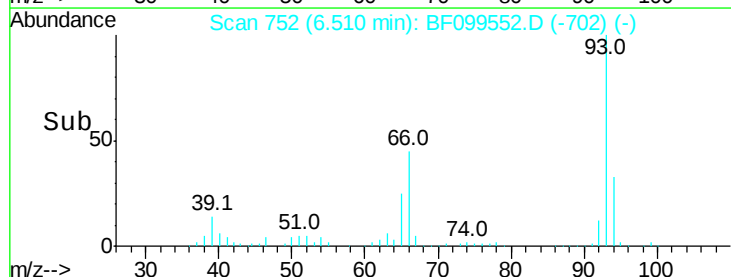
Tgt Ion:	93	Resp:	331828
Ion Ratio	Lower	Upper	
93	100		
66	45.0	32.2	48.2
65	24.7	16.4	24.6

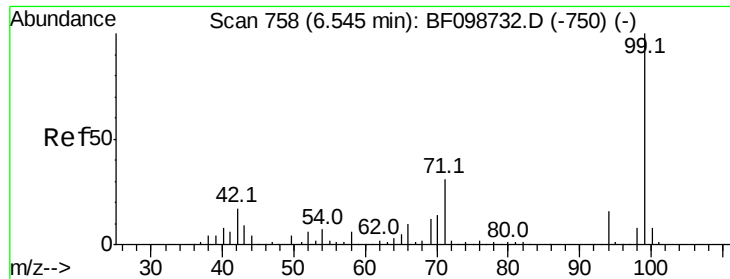


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 136.372 ng

RT: 6.49 min Scan# 749

Delta R.T. 0.01 min

Lab File: BF099552.D

Acq: 16 Oct 2017 19:03

Instrument :

BNA_F

ClientSampleId :

PB103252BS

Tot Ion: 99 Resp: 1014394

Ion Ratio Lower Upper

99 100

42 14.9 14.5 21.7

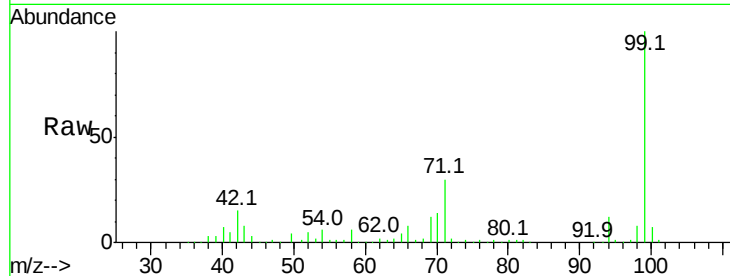
71 30.2 25.4 38.0

Manual Integrations

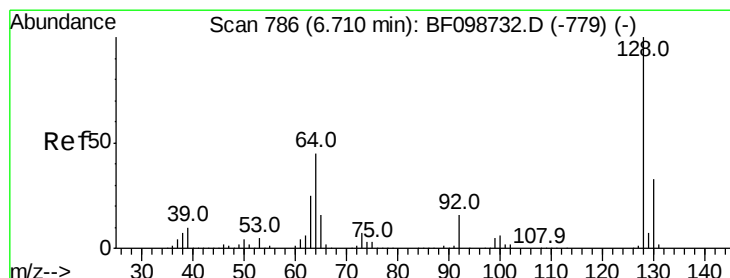
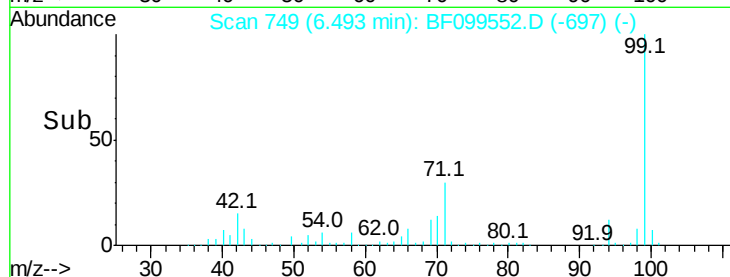
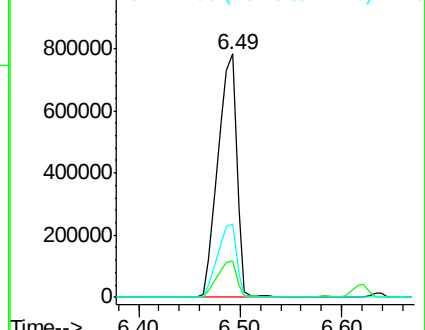
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Abundance Ion 99.00 (98.70 to 99.70): BF0
Ion 42.00 (41.70 to 42.70): BF0
Ion 71.00 (70.70 to 71.70): BF0



#8

2-Chlorophenol

Concen: 43.236 ng

RT: 6.63 min Scan# 773

Delta R.T. -0.01 min

Lab File: BF099552.D

Acq: 16 Oct 2017 19:03

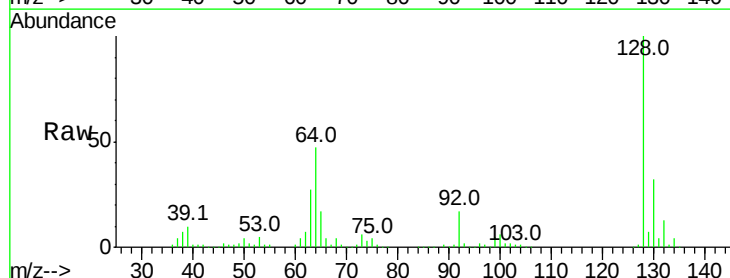
Tgt Ion: 128 Resp: 295232

Ion Ratio Lower Upper

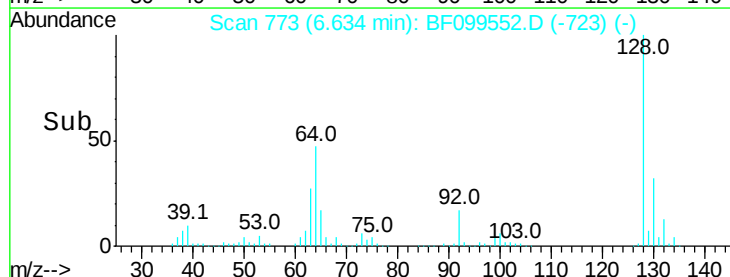
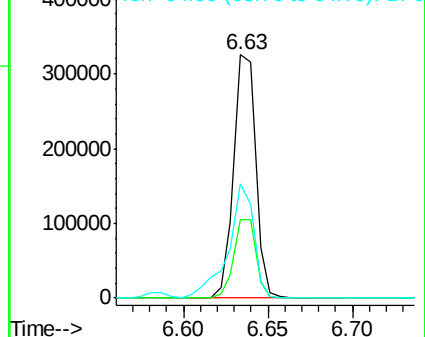
128 100

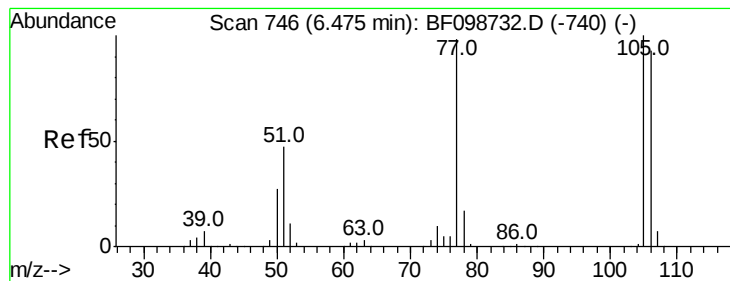
130 32.0 13.0 53.0

64 46.8 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: 22.969 ng

RT: 6.40 min Scan# 733

Delta R.T. -0.01 min

Lab File: BF099552.D

Acq: 16 Oct 2017 19:03

Instrument :

BNA_F

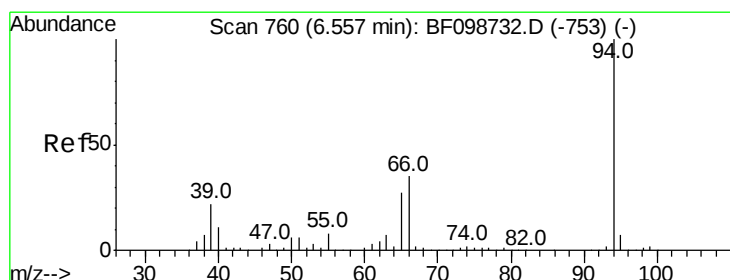
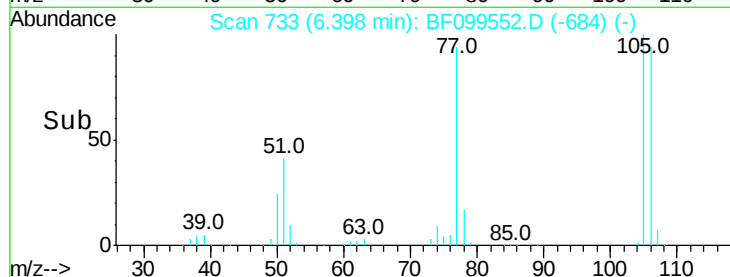
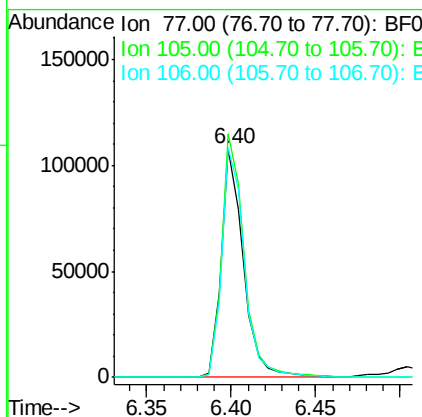
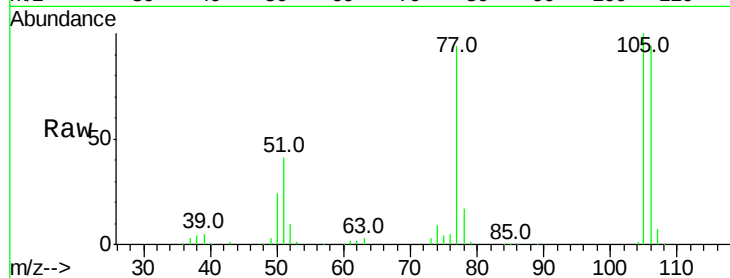
ClientSampleId :

PB103252BS

Tot Ion:	77	Resp:	99105
Ion	Ratio	Lower	Upper
77	100		
105	106.6	81.1	121.1
106	100.5	74.5	114.5

Manual Integrations
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#10

Phenol

Concen: 42.966 ng

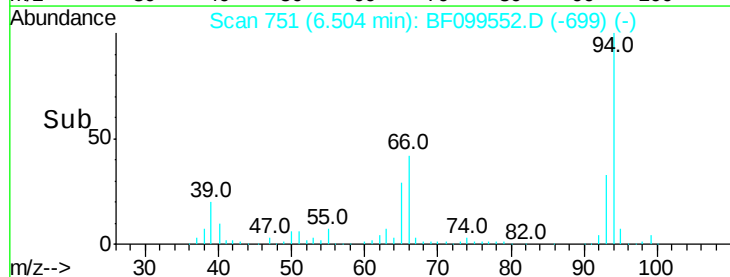
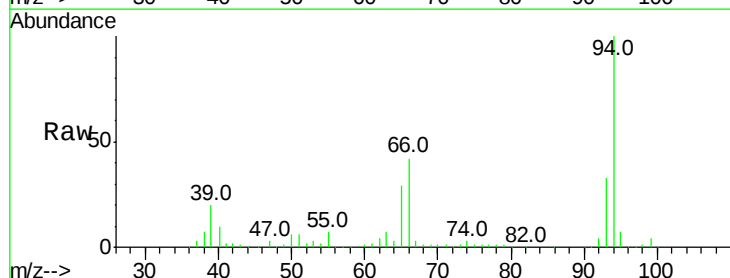
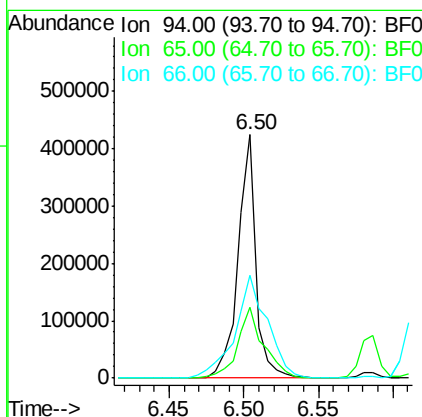
RT: 6.50 min Scan# 751

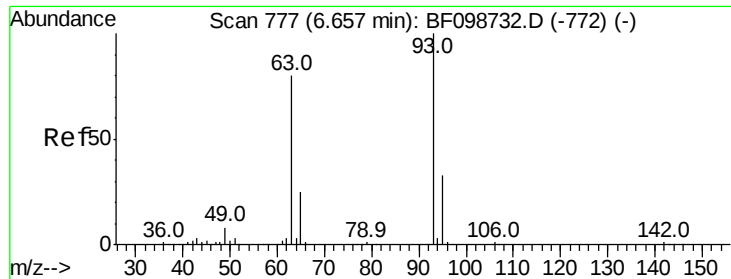
Delta R.T. 0.01 min

Lab File: BF099552.D

Acq: 16 Oct 2017 19:03

Tgt Ion:	94	Resp:	357430
Ion	Ratio	Lower	Upper
94	100		
65	28.9	7.9	47.9
66	42.3	16.2	56.2





#11

bis(2-Chloroethyl)ether

Concen: 43.146 ng

RT: 6.59 min Scan# 765

Delta R.T. -0.01 min

Lab File: BF099552.D

Acq: 16 Oct 2017 19:03

Instrument :

BNA_F

ClientSampleId :

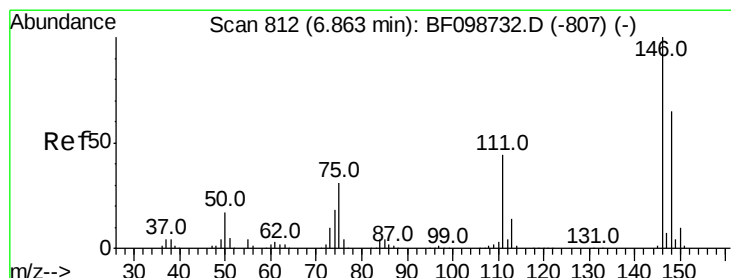
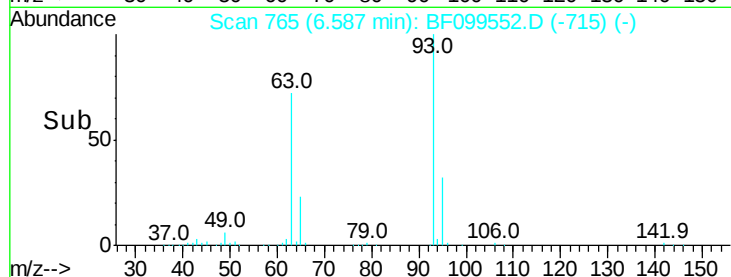
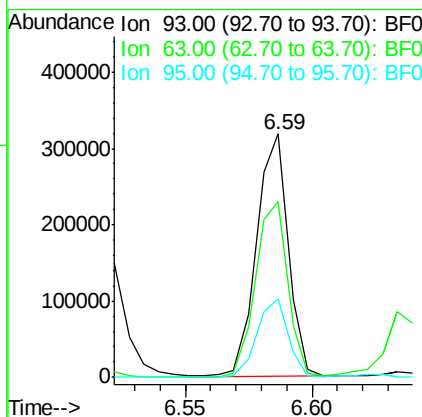
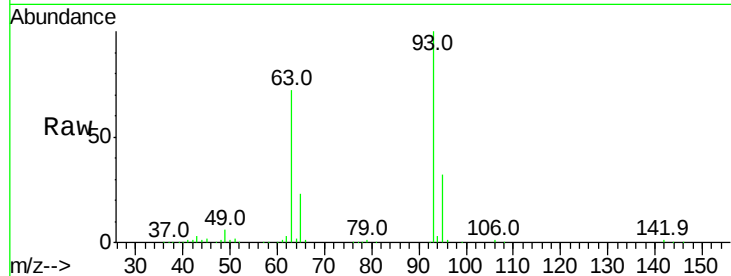
PB103252BS

Tot Ion: 93 Resp: 279036

Ion	Ratio	Lower	Upper
93	100		
63	72.4	58.6	98.6
95	32.1	11.8	51.8

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#12

1,3-Dichlorobenzene

Concen: 44.558 ng

RT: 6.79 min Scan# 799

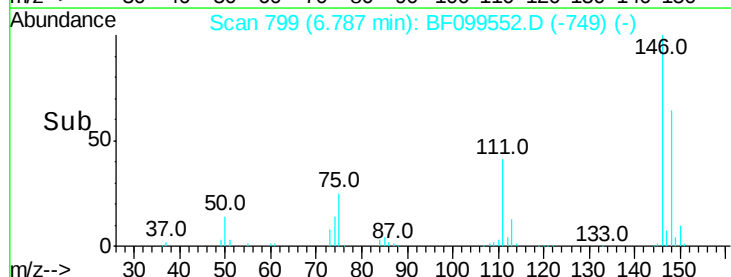
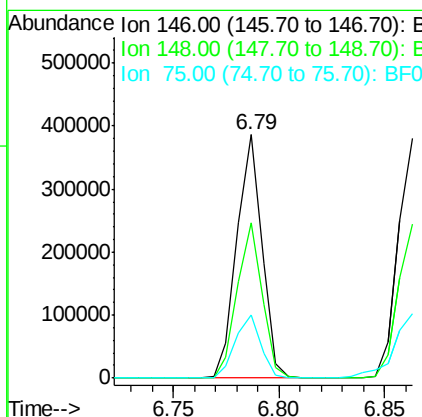
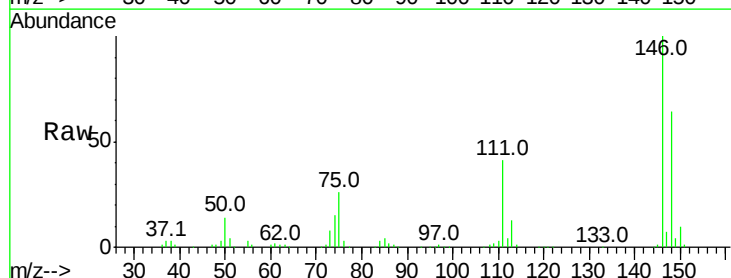
Delta R.T. -0.01 min

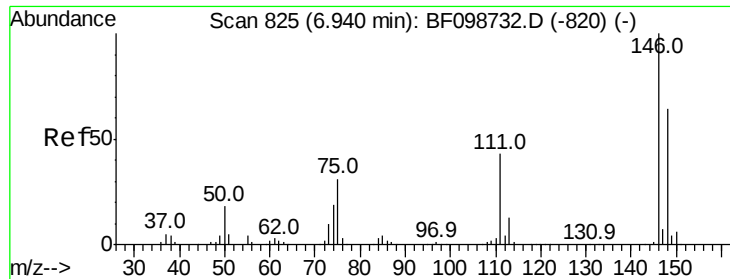
Lab File: BF099552.D

Acq: 16 Oct 2017 19:03

Tgt Ion: 146 Resp: 318647

Ion	Ratio	Lower	Upper
146	100		
148	63.9	51.8	77.8
75	25.8	24.2	36.4





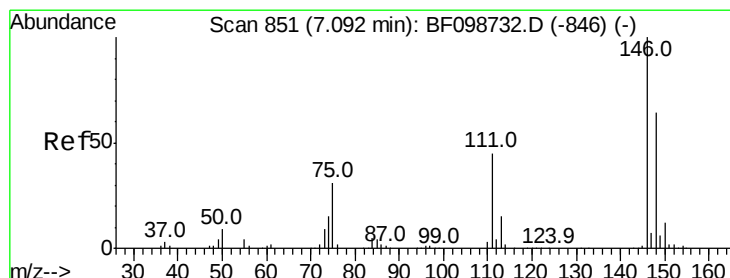
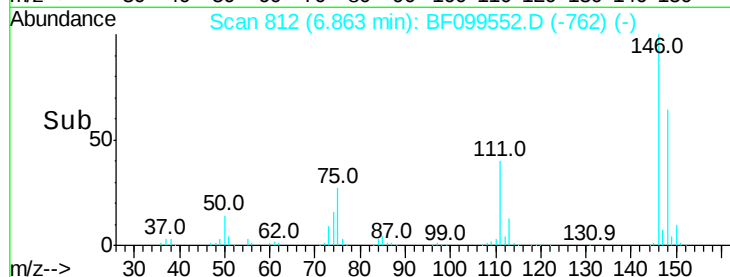
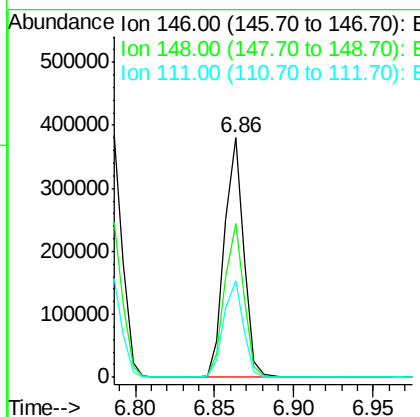
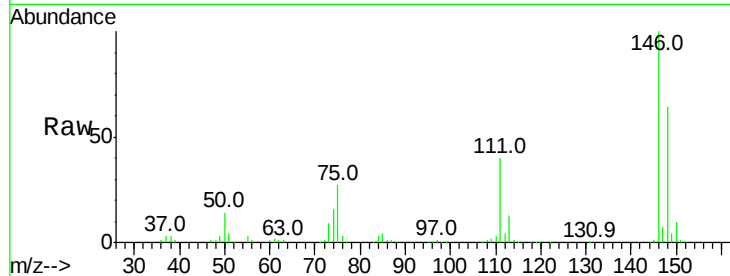
#13
 1,4-Dichlorobenzene
 Concen: 44.019 ng
 RT: 6.86 min Scan# 812
 Delta R.T. -0.01 min
 Lab File: BF099552.D
 Acq: 16 Oct 2017 19:03

Instrument :
 BNA_F
 ClientSampleId :
 PB103252BS

Tot Ion	Ratio	Lower	Upper
146	100		
148	64.0	50.8	76.2
111	40.5	34.2	51.2

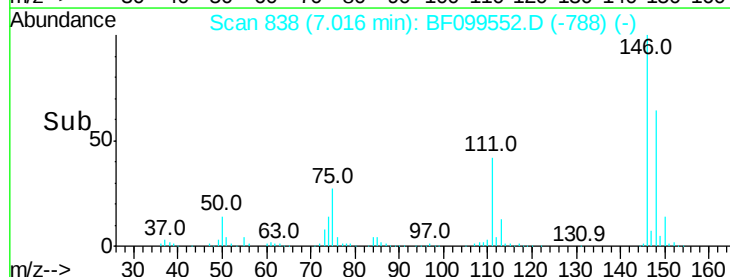
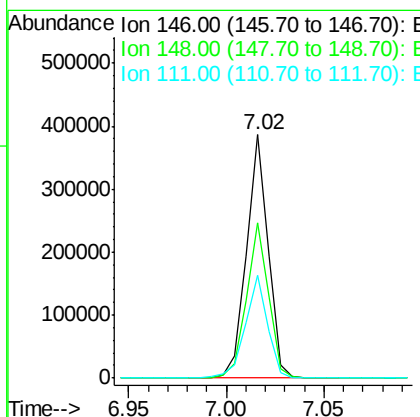
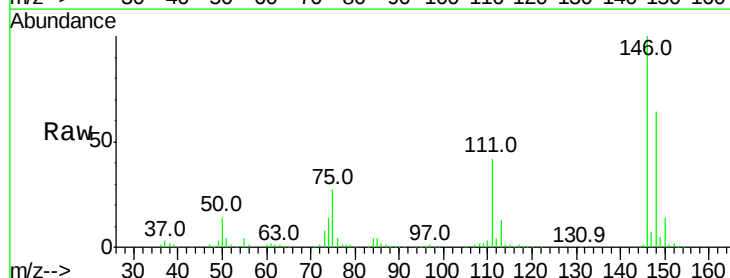
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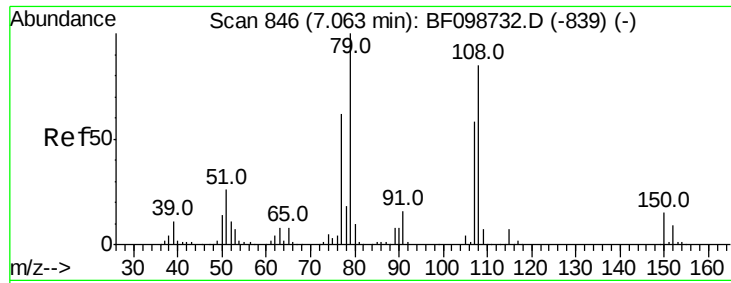
Sohil
 10/17/2017 5:02:02 PM



#14
 1,2-Dichlorobenzene
 Concen: 44.168 ng
 RT: 7.02 min Scan# 838
 Delta R.T. -0.01 min
 Lab File: BF099552.D
 Acq: 16 Oct 2017 19:03

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.6	50.6	75.8
111	42.4	36.0	54.0





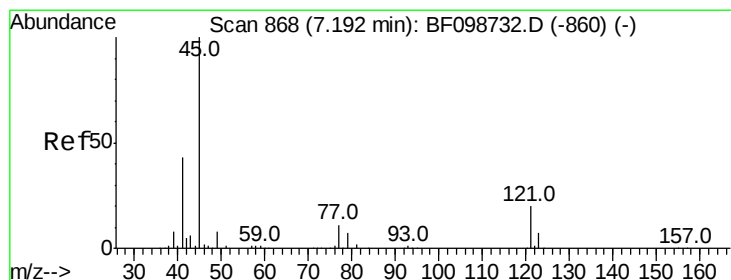
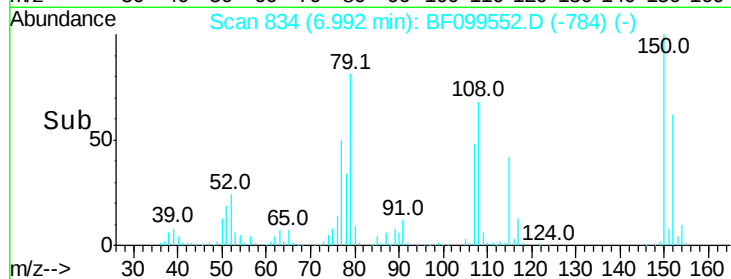
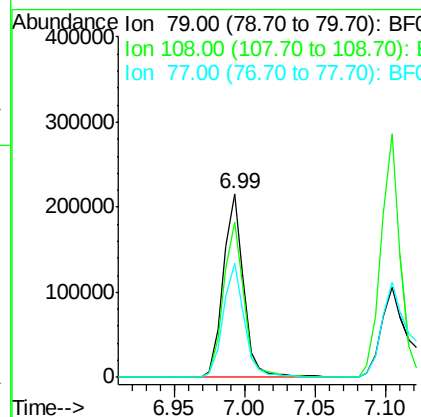
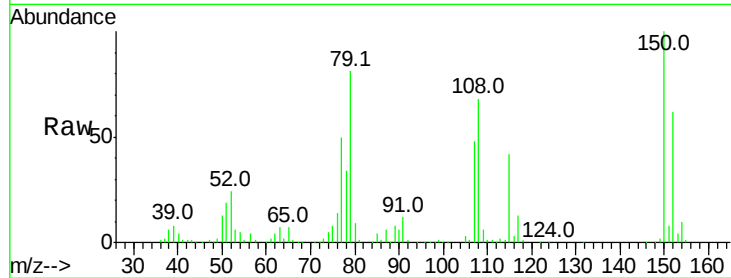
#15
Benzyl Alcohol
Concen: 39.871 ng
RT: 6.99 min Scan# 834
Delta R.T. -0.01 min
Lab File: BF099552.D
Acq: 16 Oct 2017 19:03

Instrument :
BNA_F
ClientSampleId :
PB103252BS

Tot Ion:	79	Resp:	217571
Ion Ratio	Lower	Upper	
79	100		
108	84.4	65.1	97.7
77	62.1	50.6	75.8

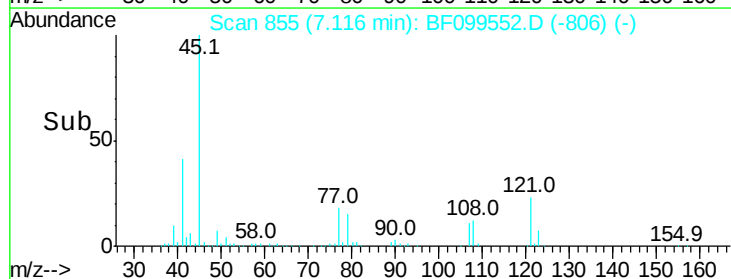
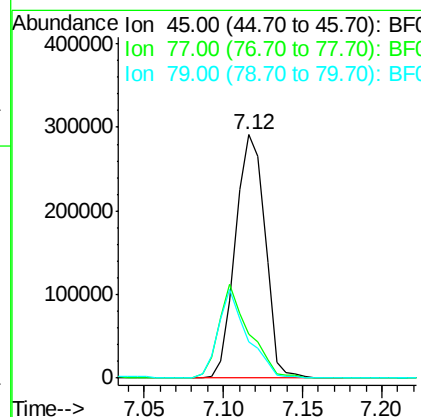
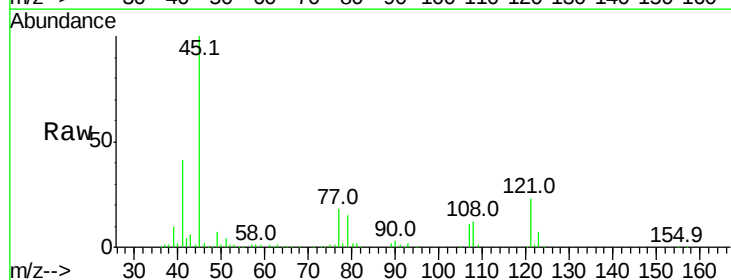
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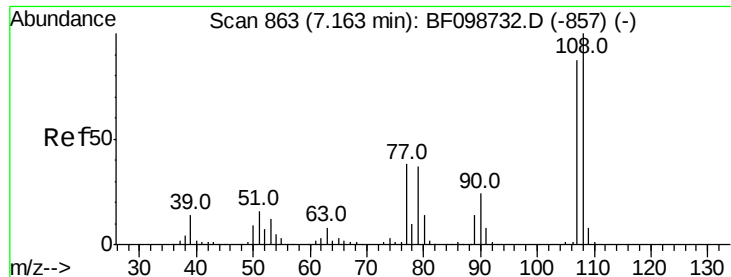
Sohil
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#16
2,2'-oxybis(1-Chloropropane)
Concen: 37.512 ng
RT: 7.12 min Scan# 855
Delta R.T. -0.01 min
Lab File: BF099552.D
Acq: 16 Oct 2017 19:03

Tgt Ion:	45	Resp:	377976
Ion Ratio	Lower	Upper	
45	100		
77	18.0	0.0	32.9
79	15.0	0.0	29.6





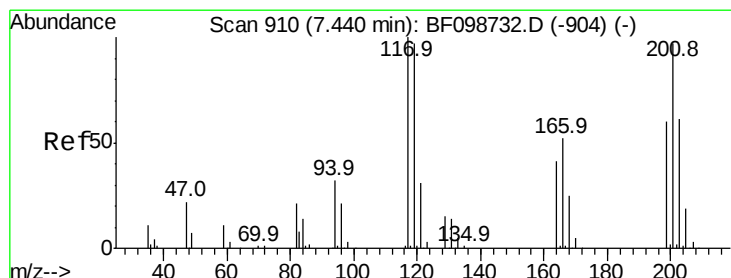
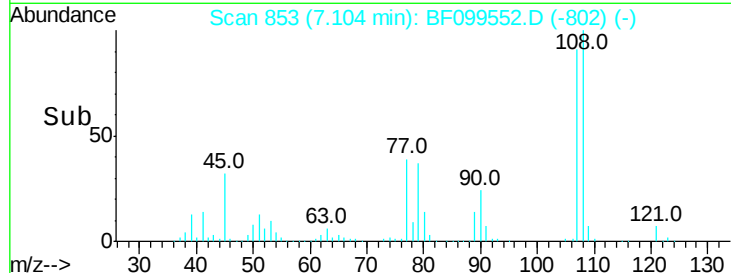
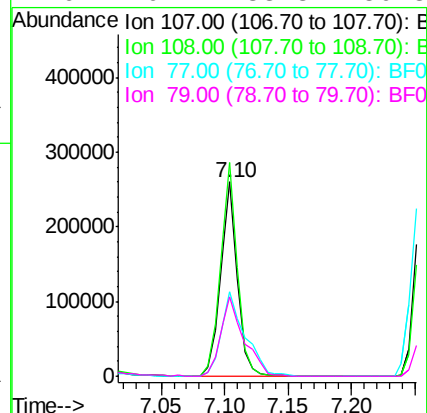
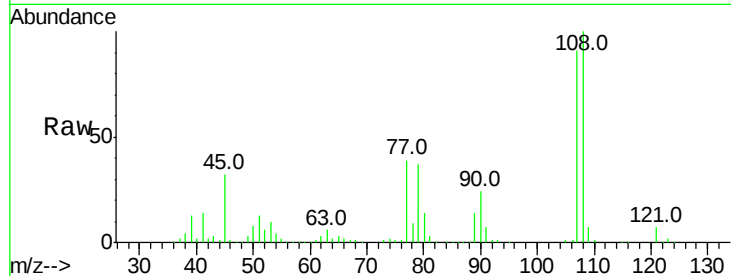
#17
2-Methylphenol
Concen: 43.944 ng
RT: 7.10 min Scan# 853
Delta R.T. 0.00 min
Lab File: BF099552.D
Acq: 16 Oct 2017 19:03

Instrument :
BNA_F
ClientSampleId :
PB103252BS

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	109.8	91.7	137.5	
77	43.1	33.8	50.8	
79	40.7	33.8	50.8	

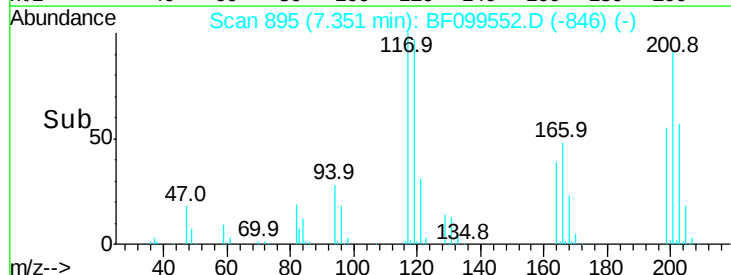
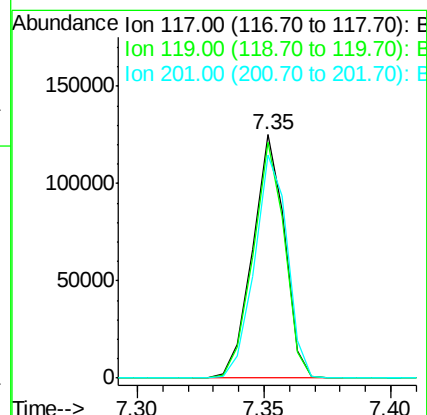
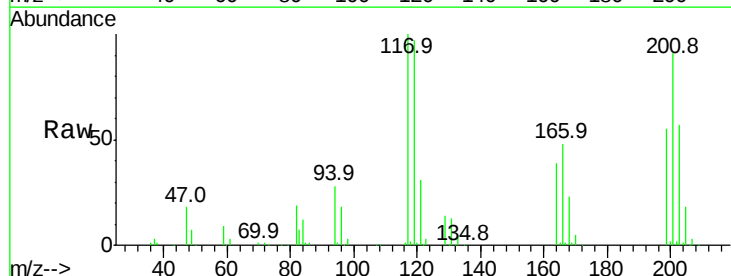
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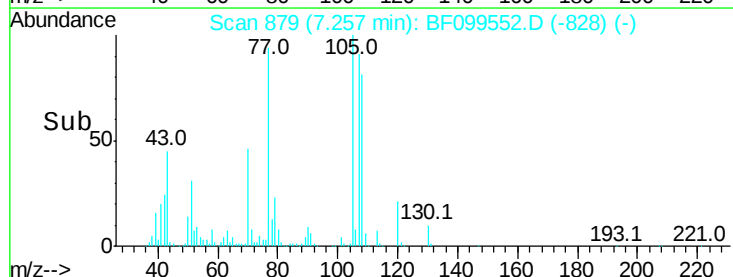
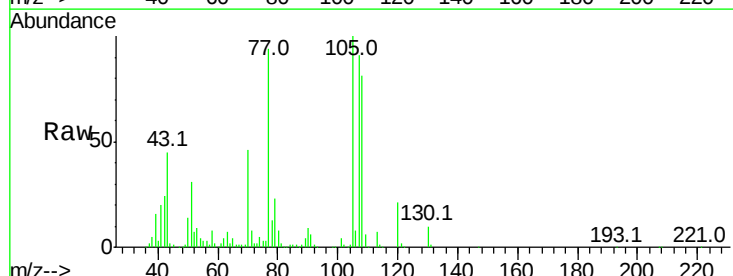
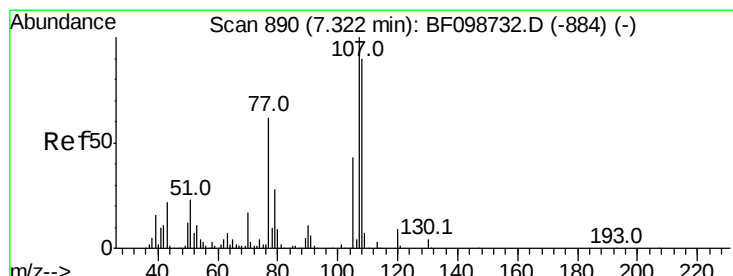
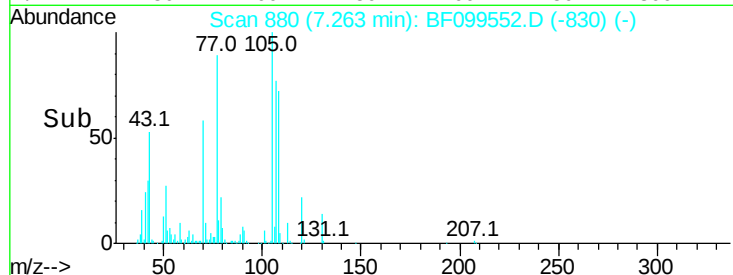
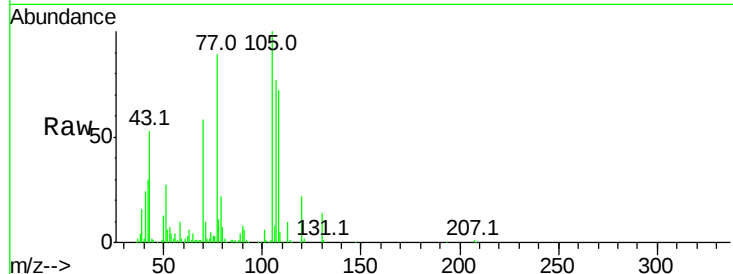
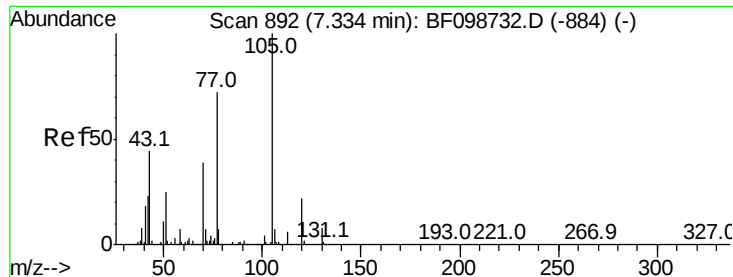
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#18
Hexachloroethane
Concen: 42.004 ng
RT: 7.35 min Scan# 895
Delta R.T. -0.01 min
Lab File: BF099552.D
Acq: 16 Oct 2017 19:03

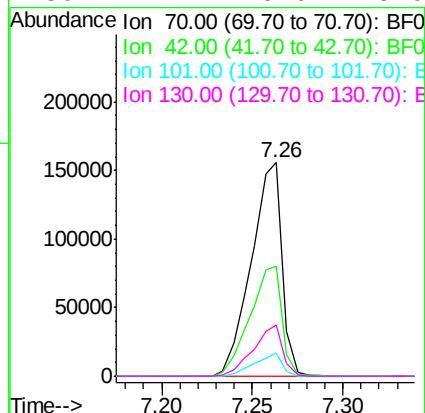
Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	96.7	75.8	113.8	
201	91.5	75.7	113.5	





#19
n-Nitroso-di-n-propylamine
Concen: 38.690 ng
RT: 7.26 min Scan# 880
Delta R.T. -0.01 min
Lab File: BF099552.D
Acq: 16 Oct 2017 19:03

Tot Ion	70	Resp	183743
Ion Ratio	Lower	Upper	
70	100		
42	51.7	47.5	71.3
101	10.6	7.4	11.2
130	24.1	16.6	25.0



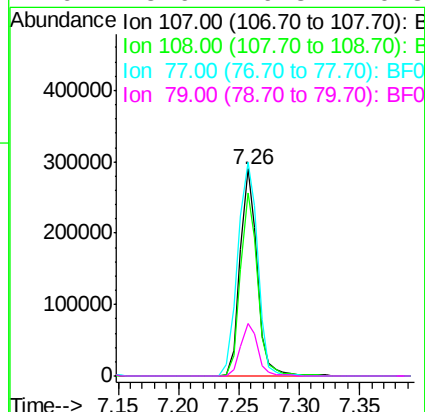
Instrument :
BNA_F
ClientSampleId :
PB103252BS

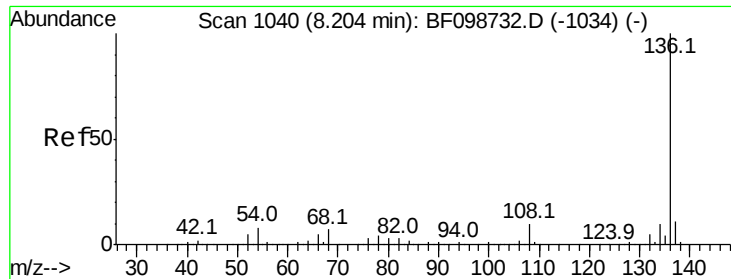
Manual Integrations
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#20
3+4-Methylphenols
Concen: 40.604 ng
RT: 7.26 min Scan# 879
Delta R.T. 0.00 min
Lab File: BF099552.D
Acq: 16 Oct 2017 19:03

Tgt Ion	107	Resp	286998
Ion Ratio	Lower	Upper	
107	100		
108	88.4	68.2	108.2
77	103.0	26.7	66.7#
79	25.6	6.3	46.3





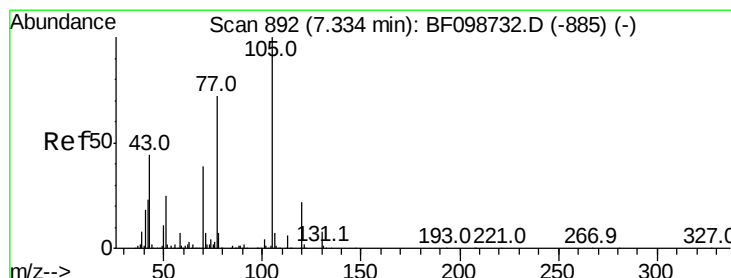
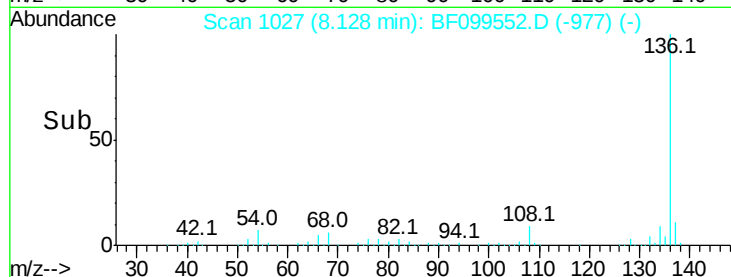
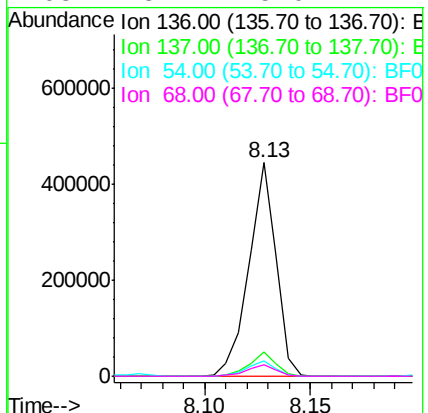
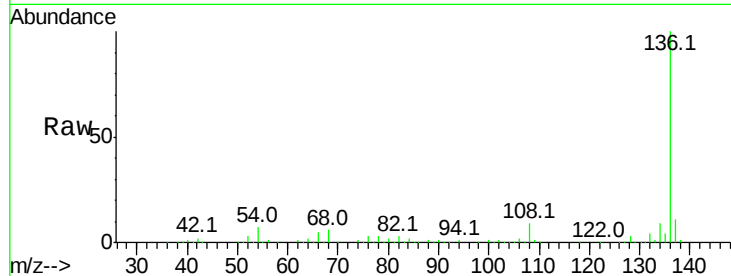
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.13 min Scan# 1027
Delta R.T. -0.01 min
Lab File: BF099552.D
Acq: 16 Oct 2017 19:03

Instrument :
BNA_F
ClientSampleId :
PB103252BS

Tot Ion	Ratio	Resp	Lower	Upper
136	100			
137	11.3	8.9	13.3	
54	7.1	6.6	9.8	
68	5.7	5.0	7.4	

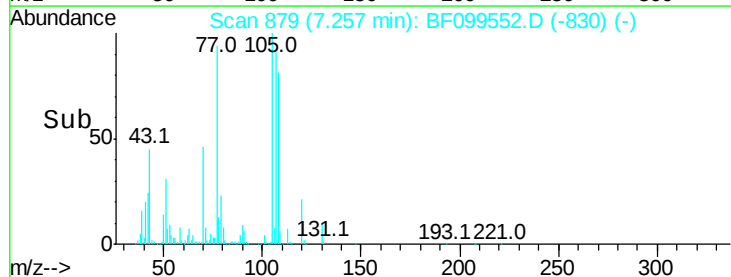
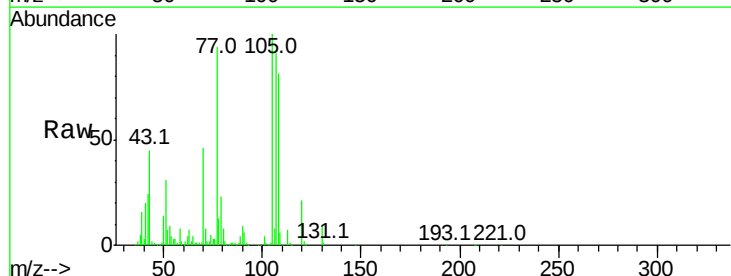
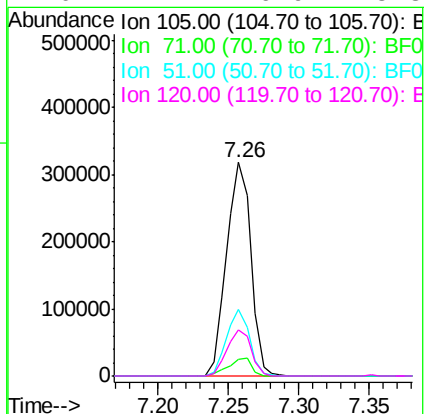
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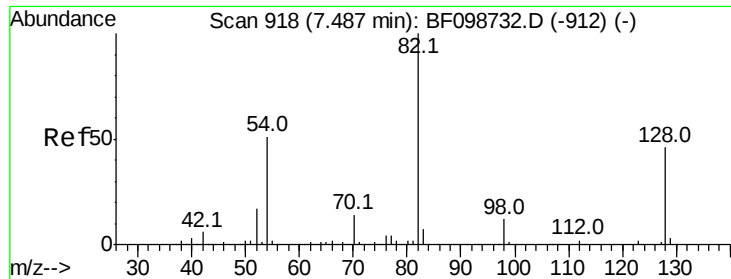
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#22
Acetophenone
Concen: 39.666 ng
RT: 7.26 min Scan# 879
Delta R.T. -0.01 min
Lab File: BF099552.D
Acq: 16 Oct 2017 19:03

Tgt Ion	Ratio	Resp	Lower	Upper
105	100			
71	7.6	4.4	6.6#	
51	31.0	22.3	33.5	
120	21.4	16.9	25.3	





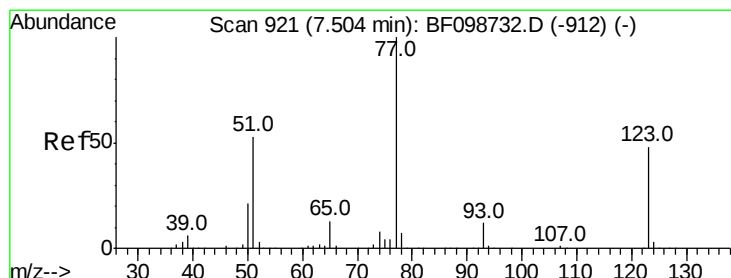
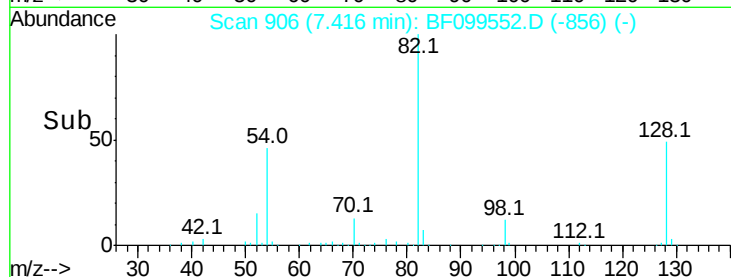
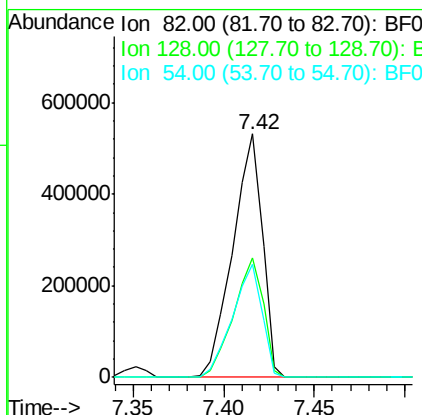
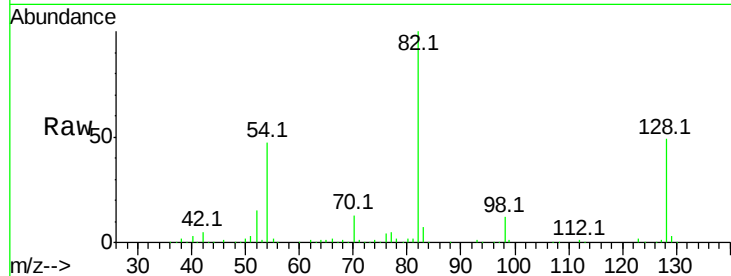
#23
Nitrobenzene-d5
Concen: 97.803 ng
RT: 7.42 min Scan# 906
Delta R.T. -0.01 min
Lab File: BF099552.D
Acq: 16 Oct 2017 19:03

Instrument :
BNA_F
ClientSampled :
PB103252BS

Tot Ion	Ratio	Resp	Lower	Upper
82	100			
128	49.1	36.1	54.1	
54	46.6	41.4	62.2	

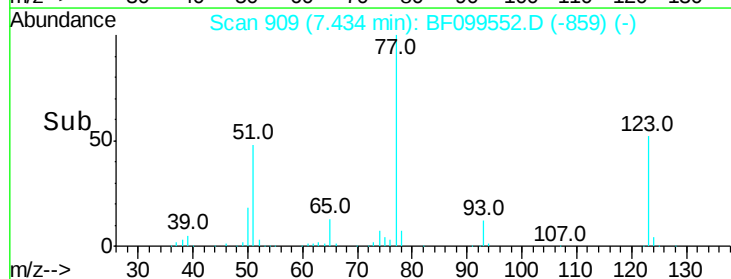
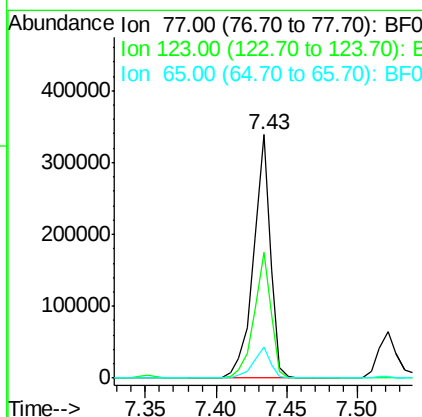
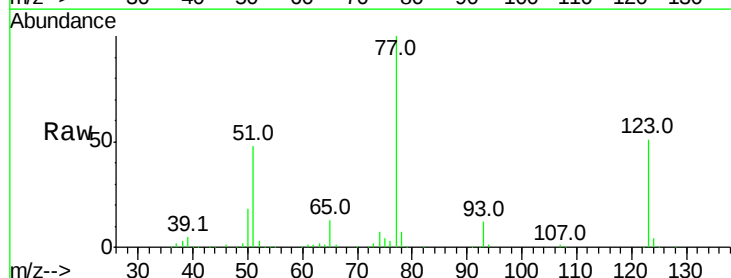
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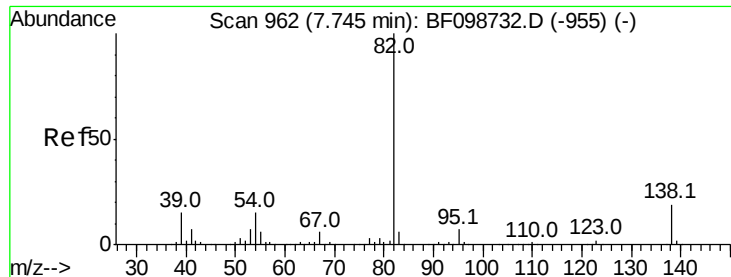
Sohil
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#24
Nitrobenzene
Concen: 40.736 ng
RT: 7.43 min Scan# 909
Delta R.T. -0.01 min
Lab File: BF099552.D
Acq: 16 Oct 2017 19:03

Tgt Ion	Ratio	Resp	Lower	Upper
77	100			
123	51.5	37.9	56.9	
65	12.9	11.0	16.4	





#25

Isophorone

Concen: 42.451 ng

RT: 7.67 min Scan# 949

Delta R.T. -0.01 min

Lab File: BF099552.D

Acq: 16 Oct 2017 19:03

Instrument :

BNA_F

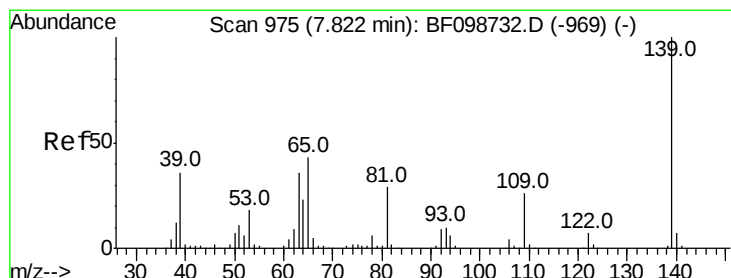
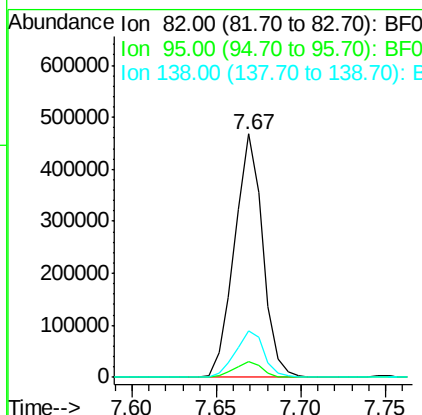
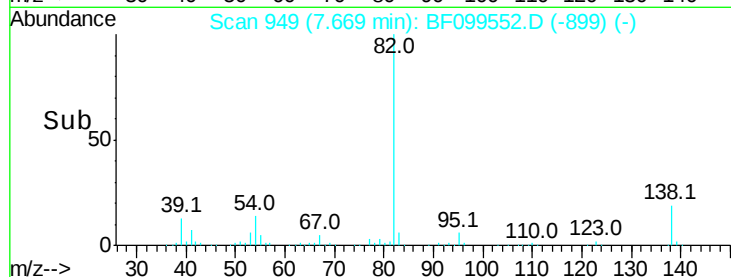
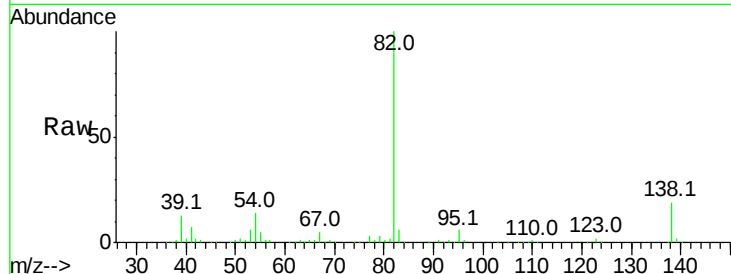
ClientSampleId :

PB103252BS

Tot Ion:	82	Resp:	543198
Ion Ratio		Lower	Upper
82	100		
95	6.4	5.2	7.8
138	19.0	14.9	22.3

Manual Integrations
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10/17/2017 5:02:02 PM



#26

2-Nitrophenol

Concen: 49.132 ng

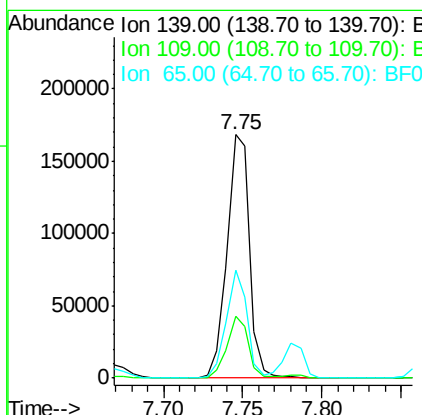
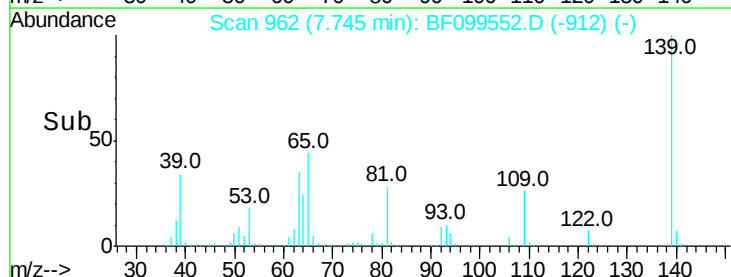
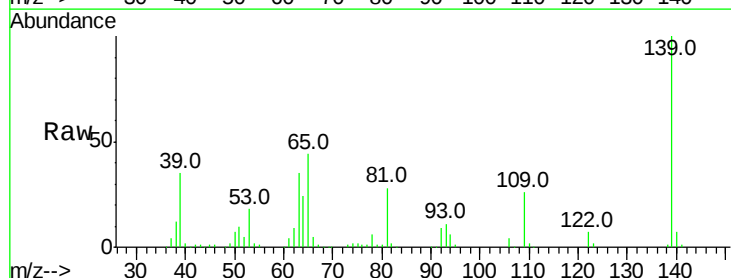
RT: 7.75 min Scan# 962

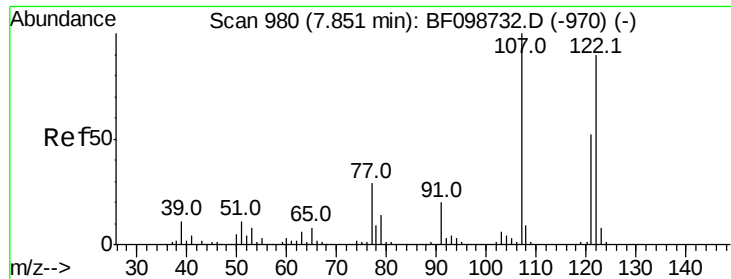
Delta R.T. -0.01 min

Lab File: BF099552.D

Acq: 16 Oct 2017 19:03

Tgt Ion:	139	Resp:	165873
Ion Ratio		Lower	Upper
139	100		
109	25.6	22.7	34.1
65	44.5	40.5	60.7





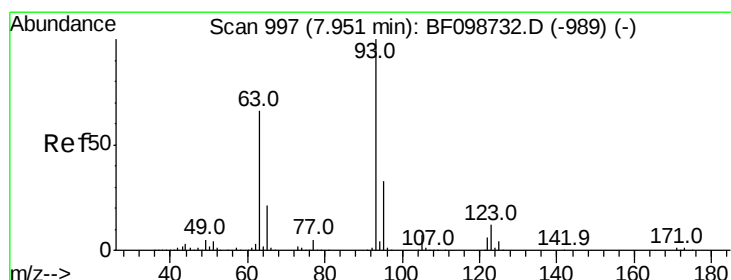
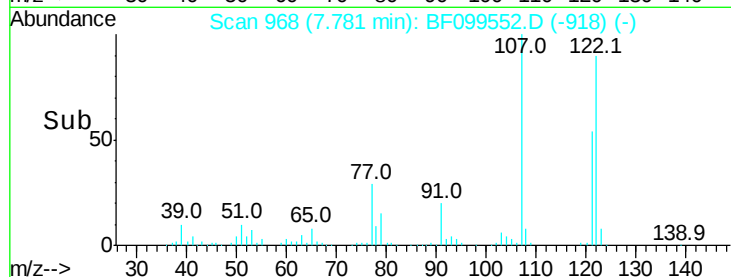
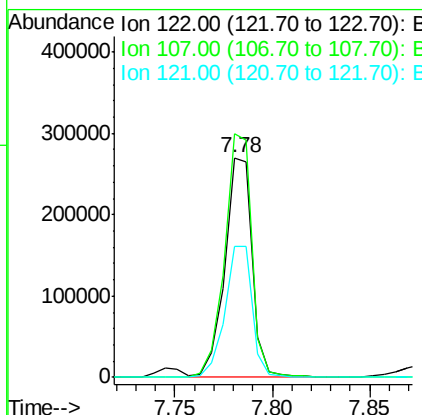
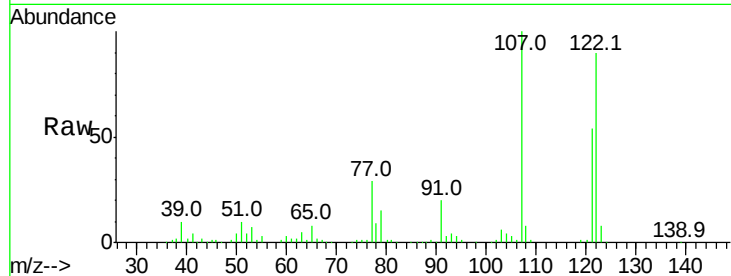
#27
2,4-Dimethylphenol
Concen: 41.131 ng
RT: 7.78 min Scan# 968
Delta R.T. -0.01 min
Lab File: BF099552.D
Acq: 16 Oct 2017 19:03

Instrument :
BNA_F
ClientSampleId :
PB103252BS

Tot Ion	Ratio	Resp	Lower	Upper
122	100	262241		
107	110.7	91.2	136.8	
121	59.4	47.2	70.8	

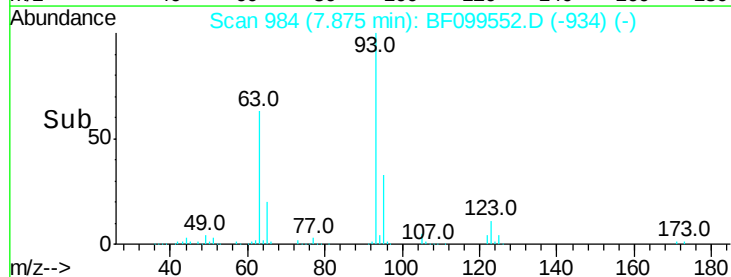
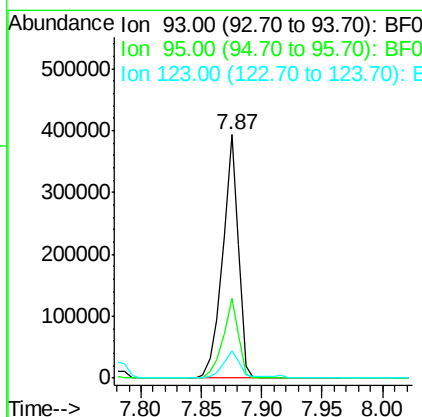
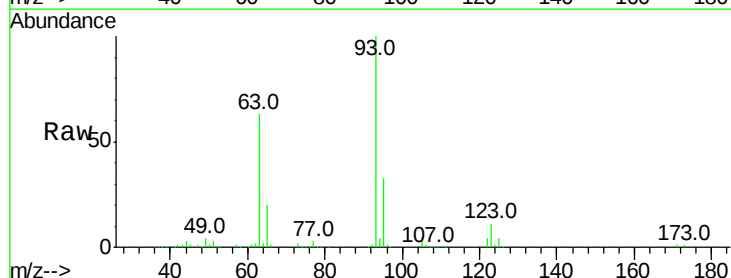
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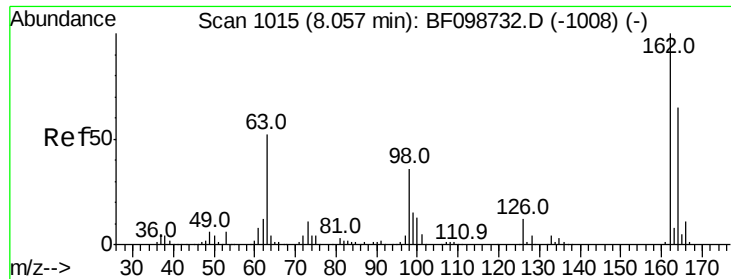
Sohil
10/17/2017 5:02:02 PM



#28
bis(2-Chloroethoxy)methane
Concen: 43.998 ng
RT: 7.87 min Scan# 984
Delta R.T. -0.01 min
Lab File: BF099552.D
Acq: 16 Oct 2017 19:03

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	350846		
95	32.8	26.3	39.5	
123	11.5	9.8	14.6	





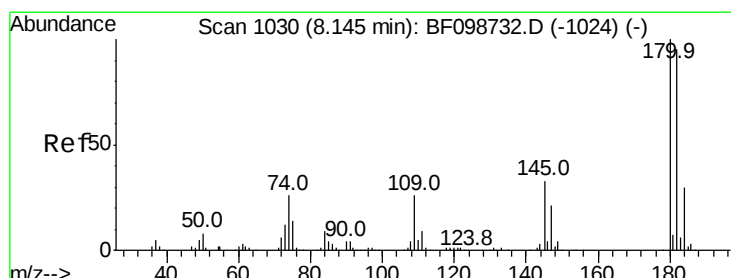
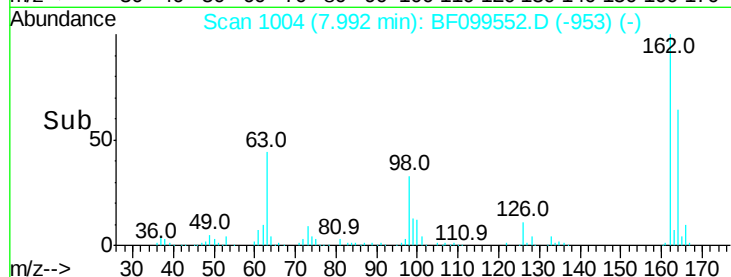
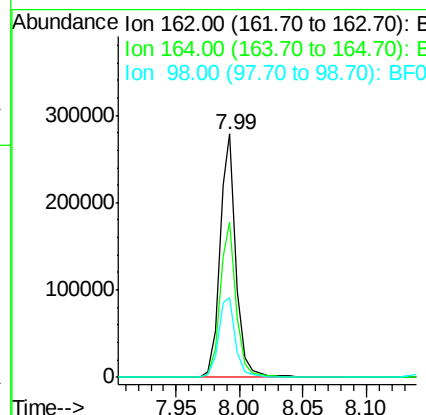
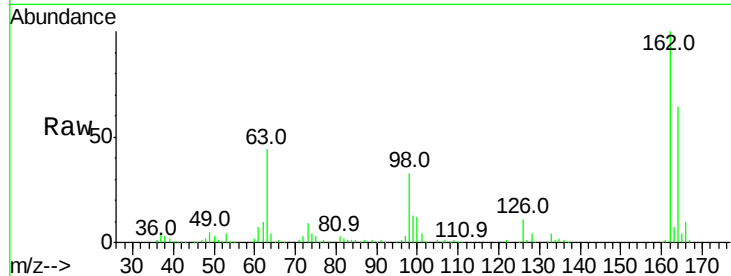
#29
 2,4-Dichlorophenol
 Concen: 45.311 ng
 RT: 7.99 min Scan# 1004
 Delta R.T. 0.00 min
 Lab File: BF099552.D
 Acq: 16 Oct 2017 19:03

Instrument :
 BNA_F
 ClientSampleId :
 PB103252BS

Tot Ion	Ratio	Resp	Lower	Upper
162	100	248032		
164	63.5	42.7	82.7	
98	32.9	18.1	58.1	

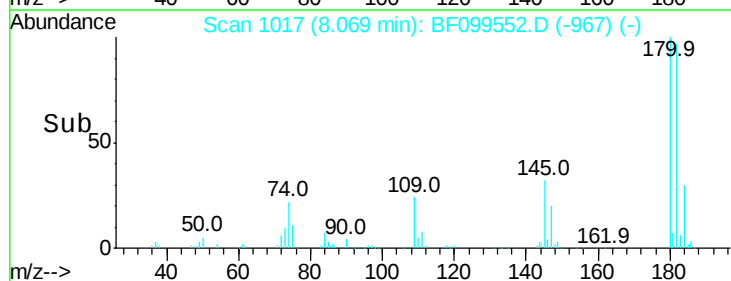
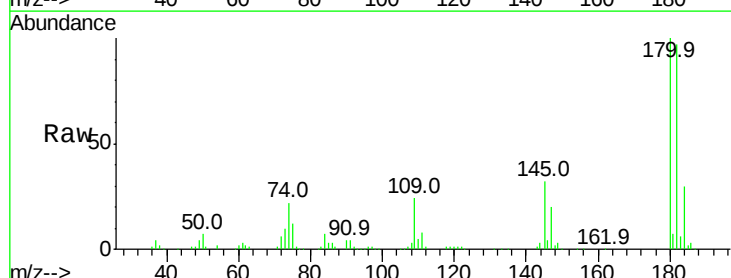
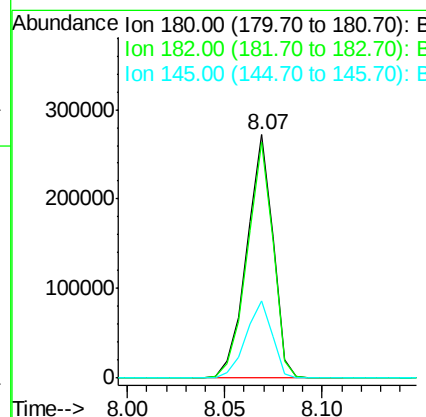
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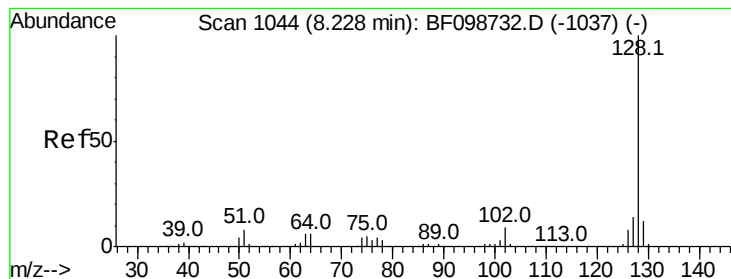
Sohil
 10/17/2017 5:02:02 PM



#30
 1,2,4-Trichlorobenzene
 Concen: 46.033 ng
 RT: 8.07 min Scan# 1017
 Delta R.T. -0.01 min
 Lab File: BF099552.D
 Acq: 16 Oct 2017 19:03

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	252029		
182	96.8	76.8	115.2	
145	31.8	26.5	39.7	





#31

Naphthalene

Concen: 44.672 ng

RT: 8.15 min Scan# 1031

Delta R.T. -0.01 min

Lab File: BF099552.D

Acq: 16 Oct 2017 19:03

Instrument :

BNA_F

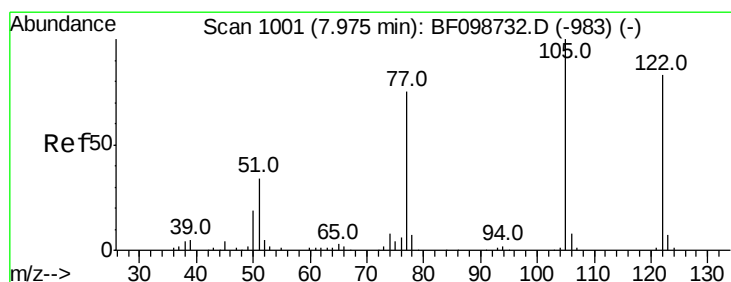
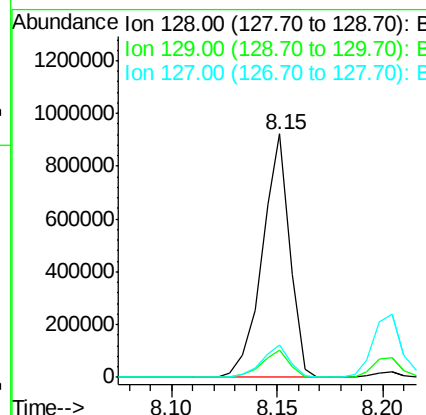
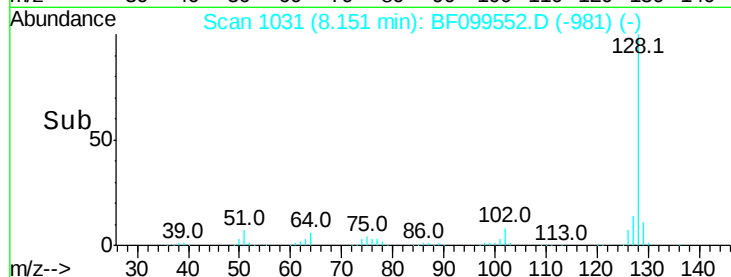
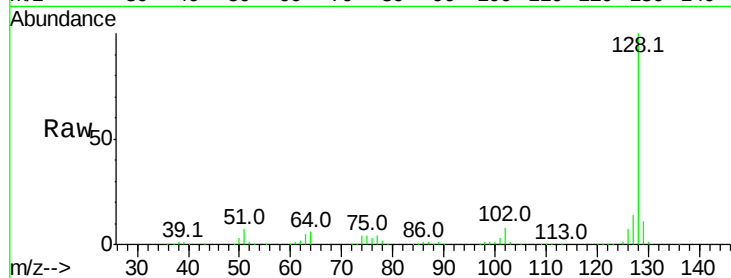
ClientSampleId :

PB103252BS

Tot Ion:	128	Resp:	832722
Ion Ratio	Lower	Upper	
128	100		
129	11.2	8.8	13.2
127	13.6	10.9	16.3

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#32

Benzoic acid

Concen: 21.343 ng

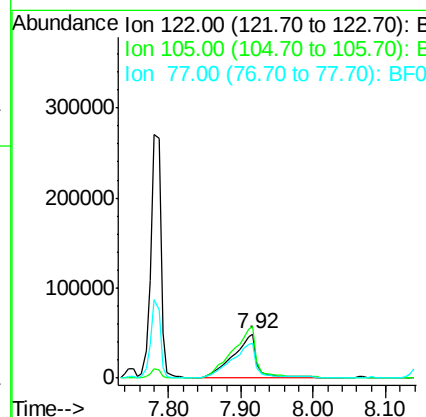
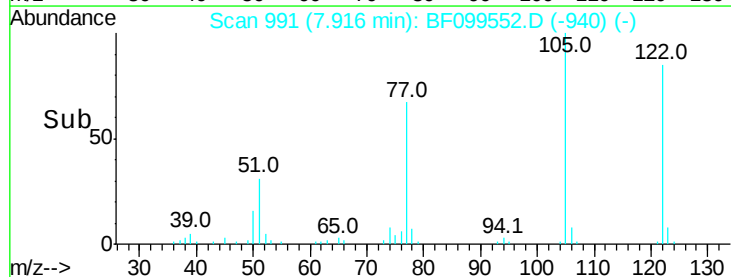
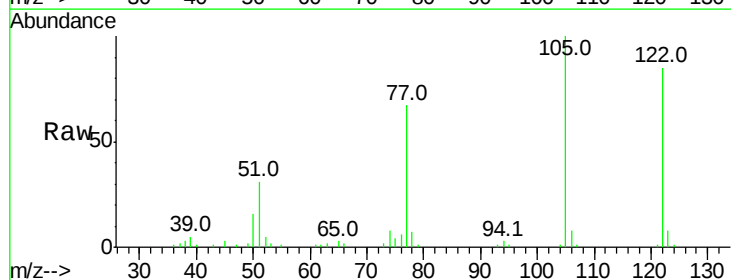
RT: 7.92 min Scan# 991

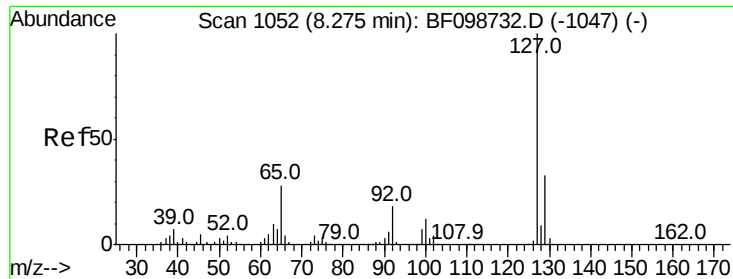
Delta R.T. 0.00 min

Lab File: BF099552.D

Acq: 16 Oct 2017 19:03

Tgt Ion:	122	Resp:	111776
Ion Ratio	Lower	Upper	
122	100		
105	117.6	101.1	141.1
77	78.8	70.7	110.7





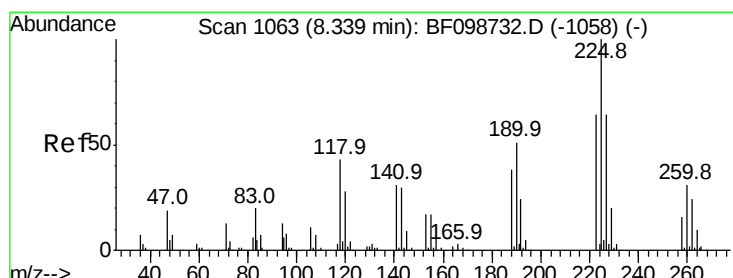
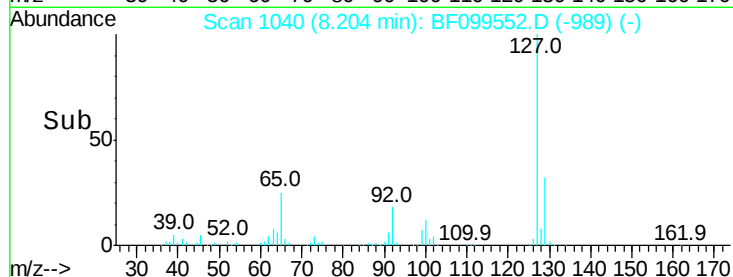
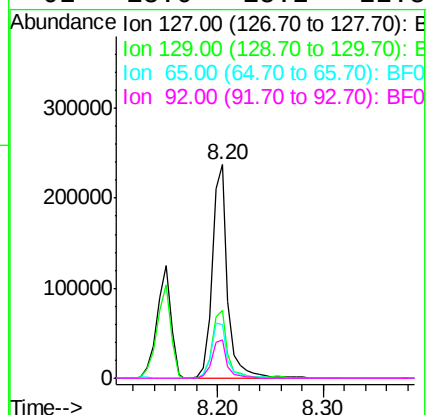
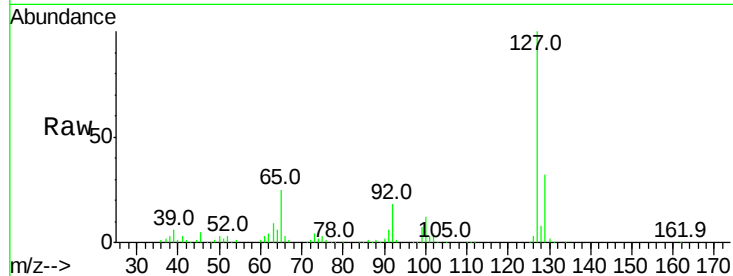
#33
4-Chloroaniline
Concen: 30.901 ng
RT: 8.20 min Scan# 1040
Delta R.T. 0.00 min
Lab File: BF099552.D
Acq: 16 Oct 2017 19:03

Instrument :
BNA_F
ClientSampleId :
PB103252BS

Tot Ion	Ratio	Lower	Upper
127	100		
129	31.8	25.9	38.9
65	25.5	25.0	37.4
92	18.0	15.2	22.8

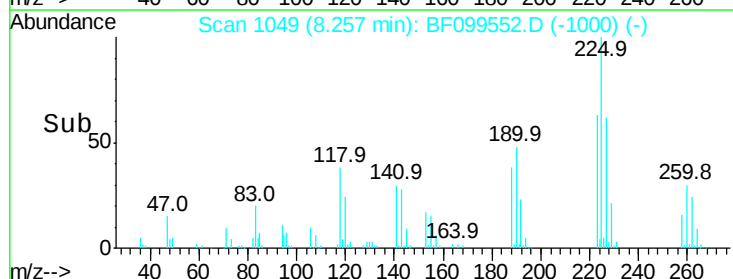
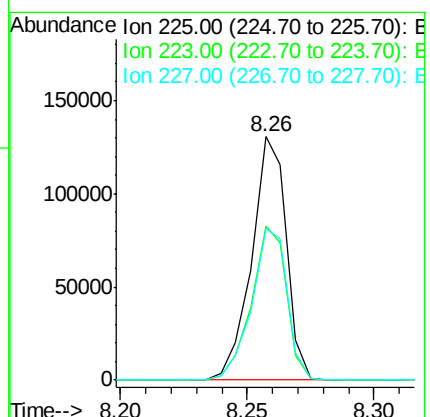
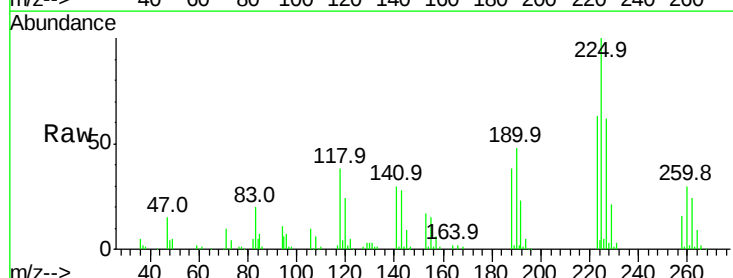
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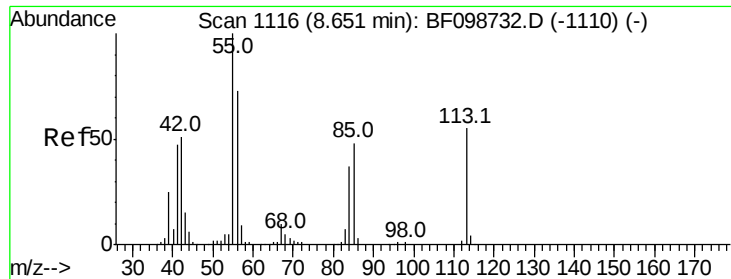
Sohil
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#34
Hexachlorobutadiene
Concen: 43.876 ng
RT: 8.26 min Scan# 1049
Delta R.T. -0.01 min
Lab File: BF099552.D
Acq: 16 Oct 2017 19:03

Tgt Ion	Ratio	Lower	Upper
225	100		
223	63.4	50.6	76.0
227	62.2	51.9	77.9





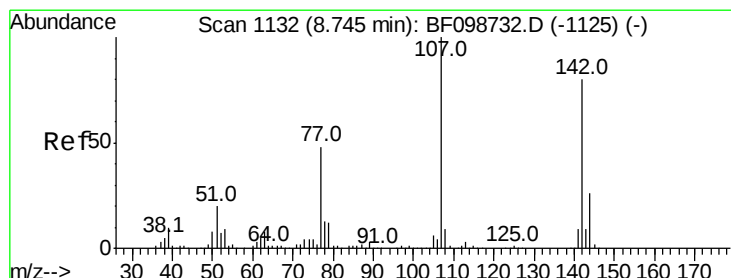
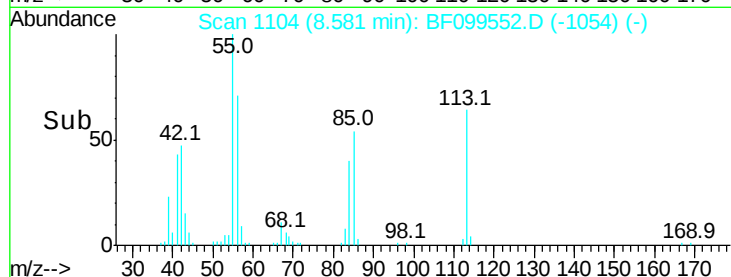
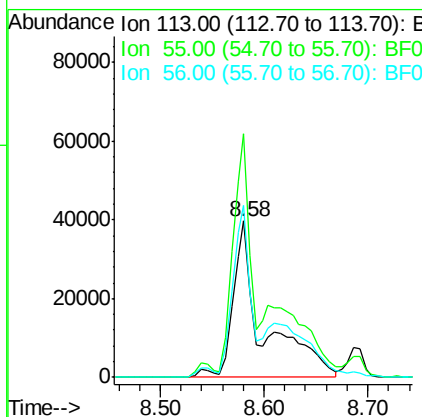
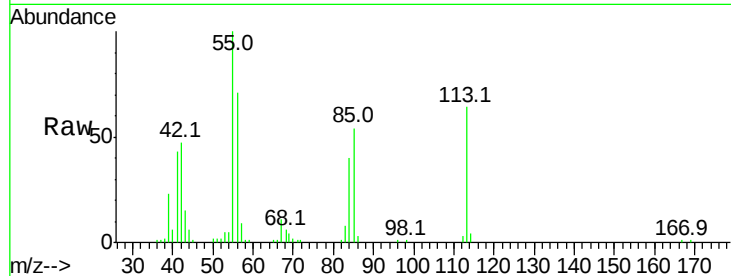
#35
Caprolactam
Concen: 46.032 ng/ml
RT: 8.58 min Scan# 1104
Delta R.T. -0.01 min
Lab File: BF099552.D
Acq: 16 Oct 2017 19:03

Instrument :
BNA_F
ClientSampled :
PB103252BS

Tot Ion:113 Resp: 80829
Ion Ratio Lower Upper
113 100
55 155.9 163.3 203.3#
56 110.0 115.7 155.7#

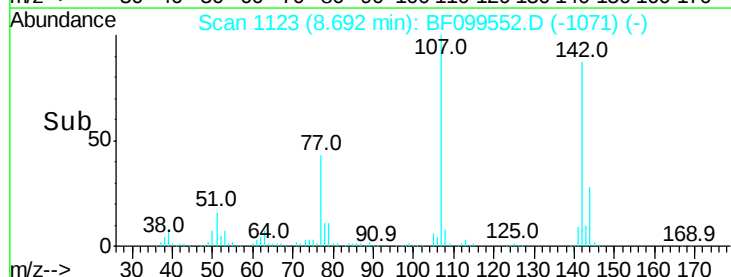
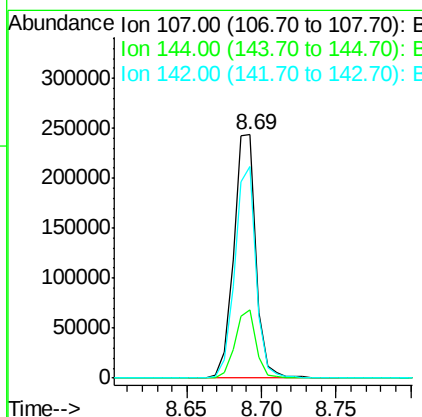
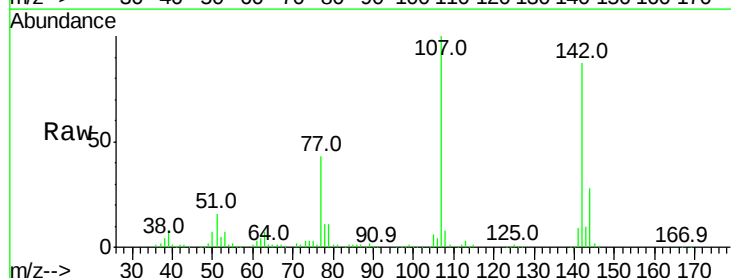
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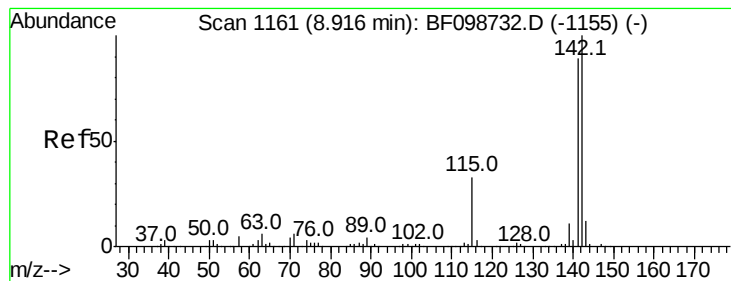
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#36
4-Chloro-3-methylphenol
Concen: 41.479 ng/ml
RT: 8.69 min Scan# 1123
Delta R.T. 0.01 min
Lab File: BF099552.D
Acq: 16 Oct 2017 19:03

Tgt Ion:107 Resp: 255208
Ion Ratio Lower Upper
107 100
144 28.0 20.5 30.7
142 86.7 62.0 93.0





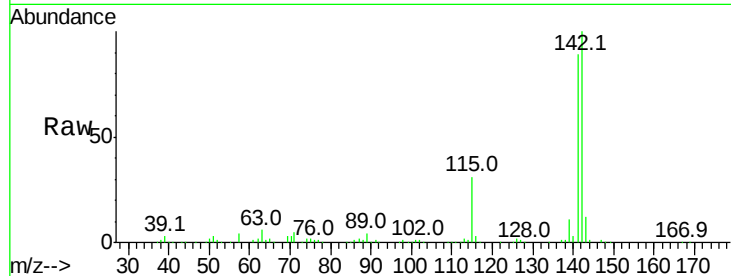
#37
2-Methylnaphthalene
Concen: 47.239 ng
RT: 8.84 min Scan# 1148
Delta R.T. -0.01 min
Lab File: BF099552.D
Acq: 16 Oct 2017 19:03

Instrument :
BNA_F
ClientSampleId :
PB103252BS

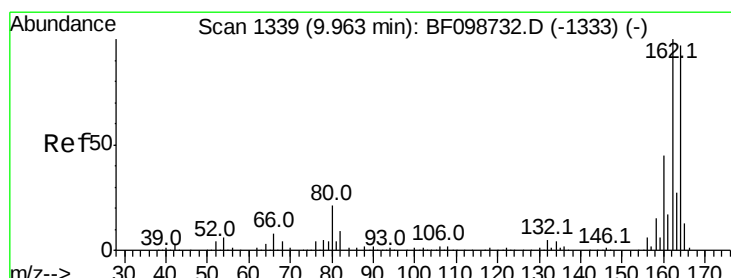
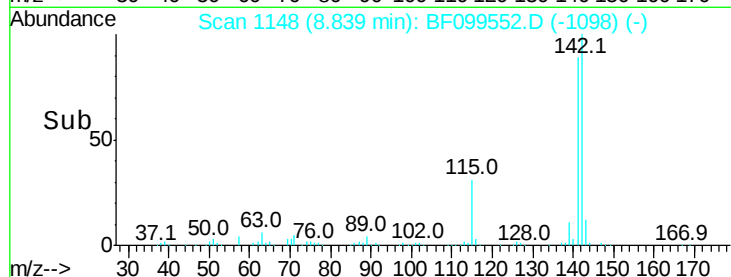
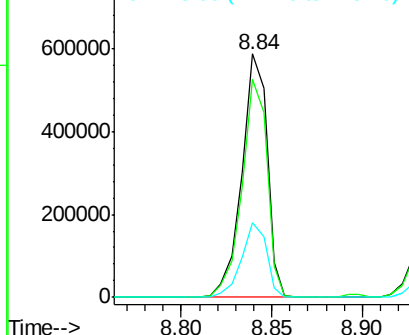
Tot Ion	Ratio	Lower	Upper
142	100		
141	89.5	70.8	106.2
115	30.6	26.1	39.1

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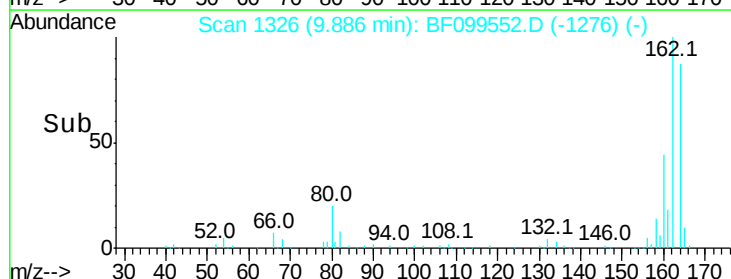
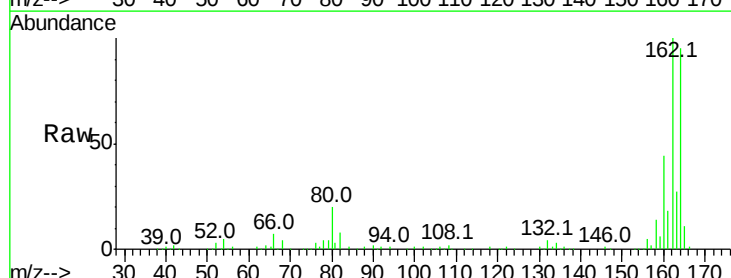
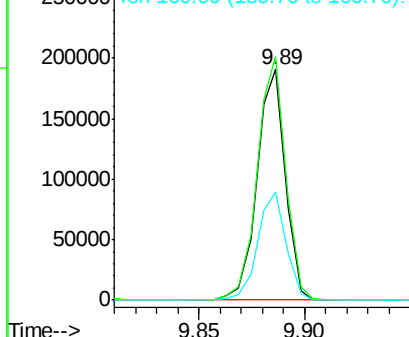
Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

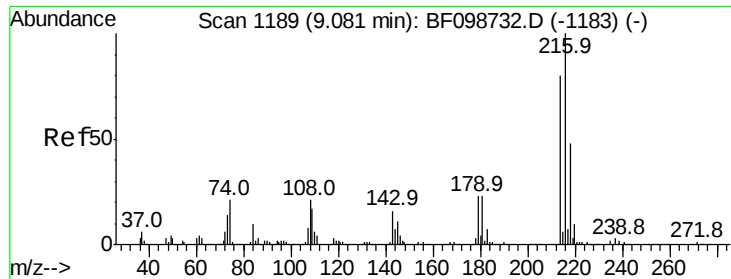


#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.89 min Scan# 1326
Delta R.T. -0.01 min
Lab File: BF099552.D
Acq: 16 Oct 2017 19:03

Tgt Ion	Ratio	Lower	Upper
164	100		
162	105.5	86.1	129.1
160	46.6	38.3	57.5

Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E





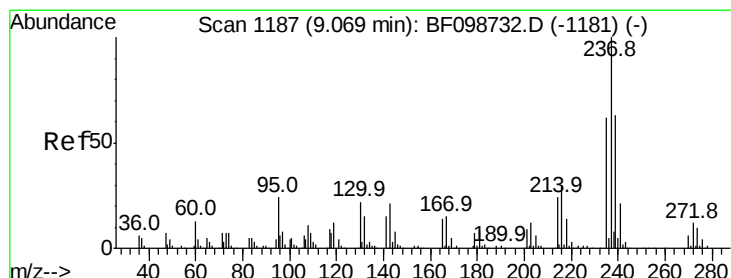
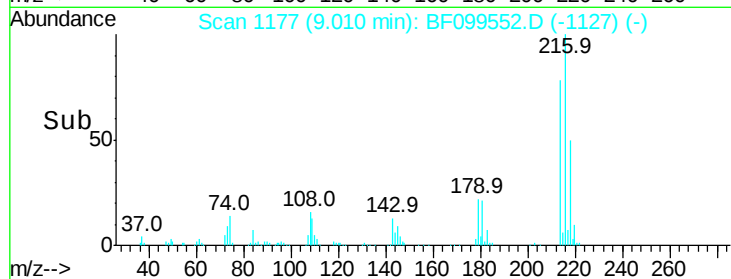
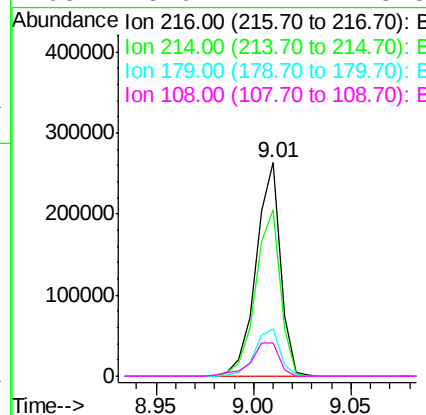
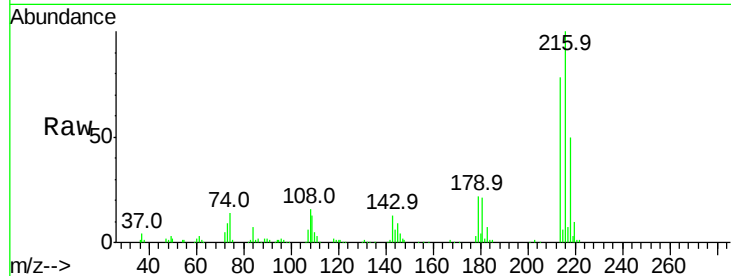
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 43.371 ng
 RT: 9.01 min Scan# 1177
 Delta R.T. -0.01 min
 Lab File: BF099552.D
 Acq: 16 Oct 2017 19:03

Instrument :
 BNA_F
 ClientSampleId :
 PB103252BS

Tot Ion	Ratio	Resp Lower	Upper
216	100		
214	79.1	63.0	94.4
179	22.6	18.1	27.1
108	18.9	17.2	25.8

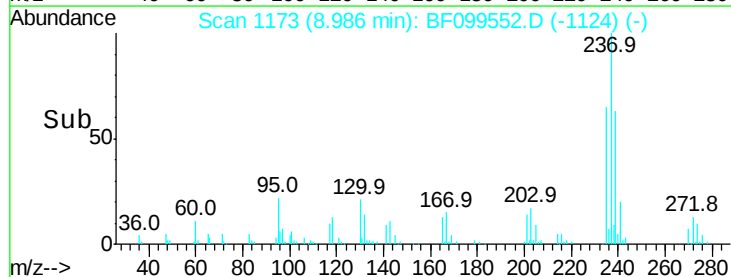
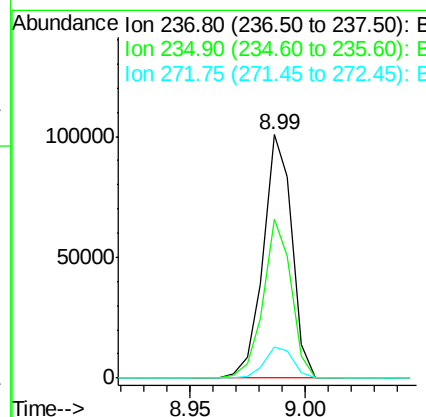
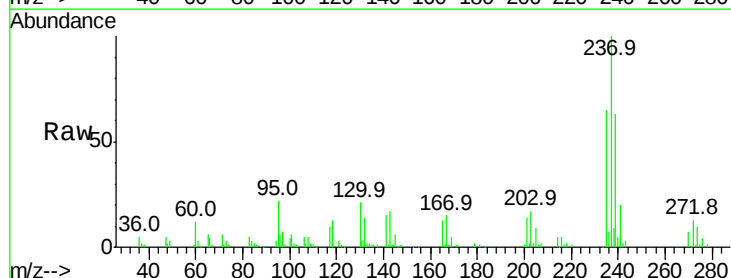
Manual Integrations
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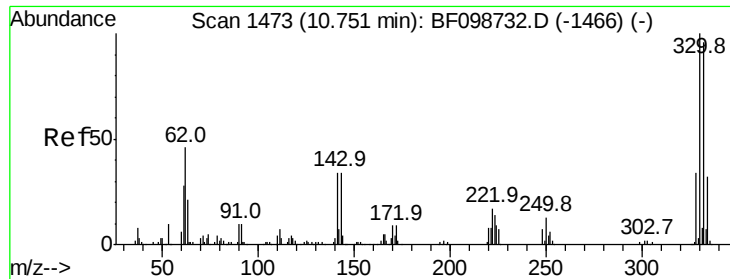
Sohil
 10/17/2017 5:02:02 PM



#40
 Hexachlorocyclopentadiene
 Concen: 36.265 ng
 RT: 8.99 min Scan# 1173
 Delta R.T. -0.01 min
 Lab File: BF099552.D
 Acq: 16 Oct 2017 19:03

Tgt Ion	Ratio	Resp Lower	Upper
237	100		
235	65.4	44.8	84.8
272	12.9	0.0	33.3





#41

2,4,6-Tribromophenol

Concen: 141.391 ng

RT: 10.68 min Scan# 1461

Delta R.T. 0.00 min

Lab File: BF099552.D

Acq: 16 Oct 2017 19:03

Instrument :

BNA_F

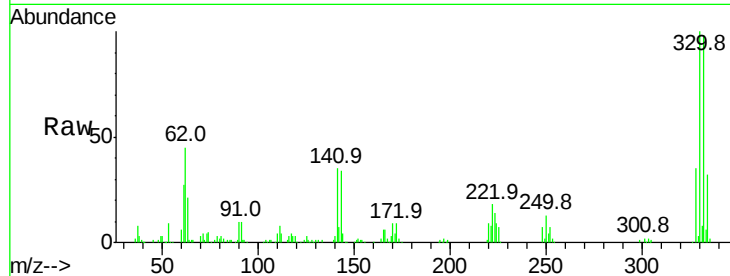
ClientSampleId :

PB103252BS

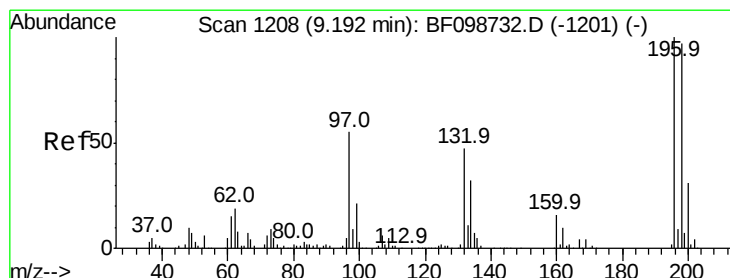
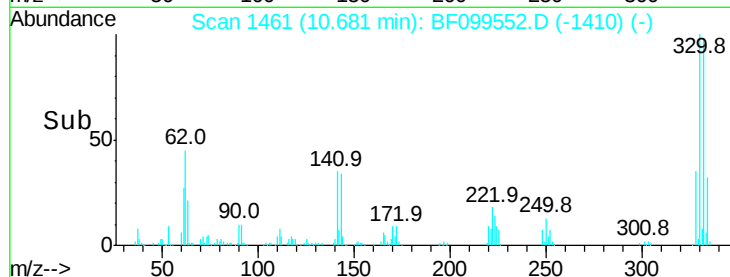
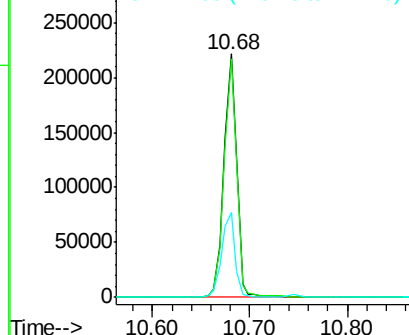
Tot Ion:	330	Resp:	204644
Ion Ratio	Lower	Upper	
330	100		
332	97.4	77.0	115.6
141	36.3	29.9	44.9

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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: 42.344 ng

RT: 9.12 min Scan# 1196

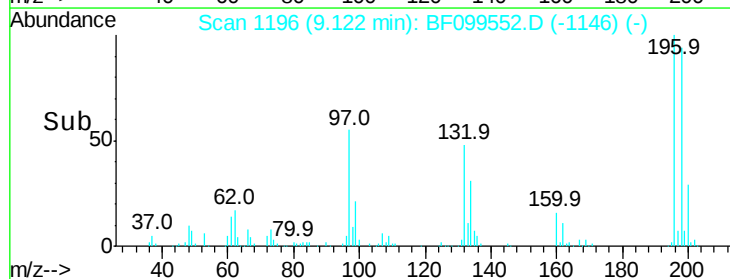
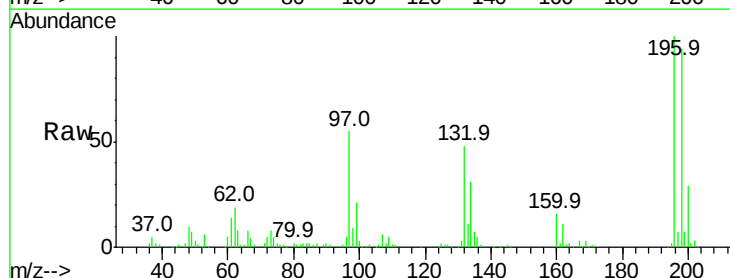
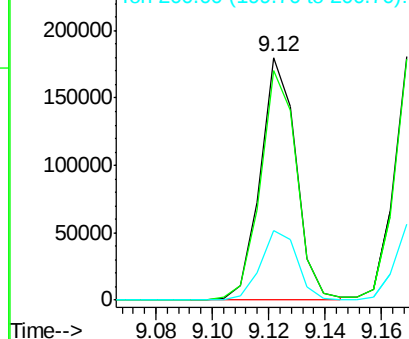
Delta R.T. -0.01 min

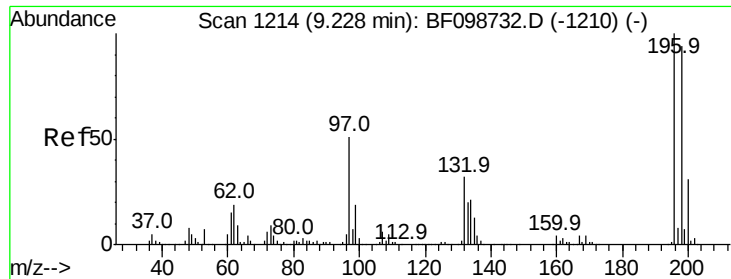
Lab File: BF099552.D

Acq: 16 Oct 2017 19:03

Tgt Ion:	196	Resp:	158242
Ion Ratio	Lower	Upper	
196	100		
198	94.4	75.7	113.5
200	28.8	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





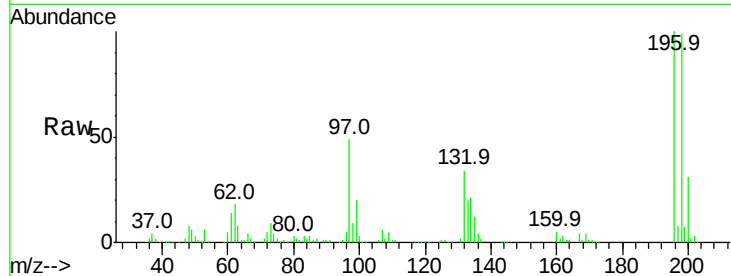
#43
2,4,5-Trichlorophenol
Concen: 43.510 ng
RT: 9.17 min Scan# 1204
Delta R.T. 0.00 min
Lab File: BF099552.D
Acq: 16 Oct 2017 19:03

Instrument :
BNA_F
ClientSampleId :
PB103252BS

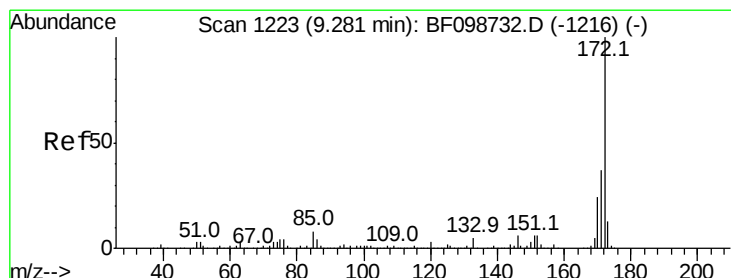
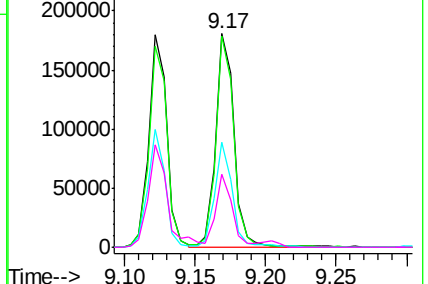
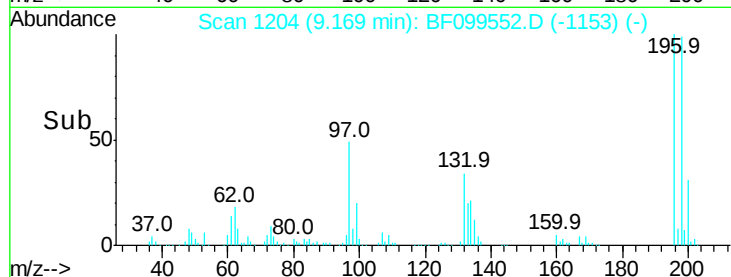
Tot Ion	Ratio	Resp	Lower	Upper
196	100	162315		
198	99.1	74.6	112.0	
97	49.1	42.9	64.3	
132	34.0	26.3	39.5	

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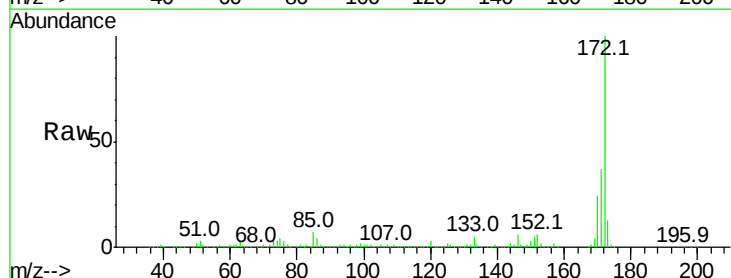


Abundance Ion 196.00 (195.70 to 196.70): E
Ion 198.00 (197.70 to 198.70): E
Ion 97.00 (96.70 to 97.70): BF0
Ion 132.00 (131.70 to 132.70): E

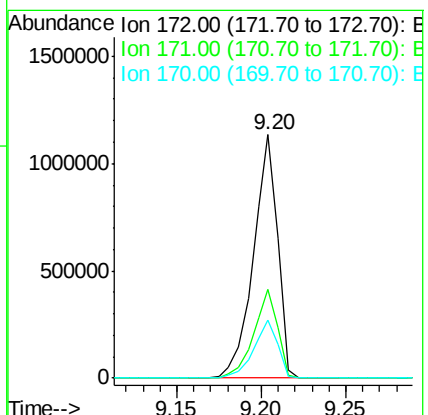
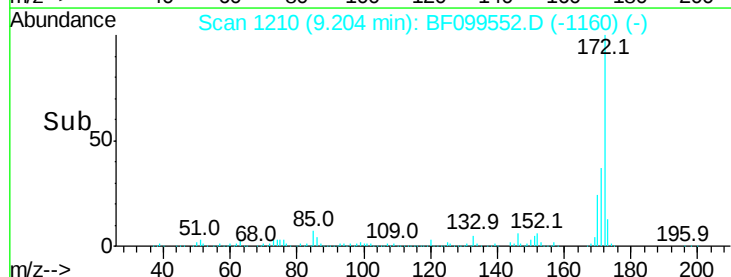


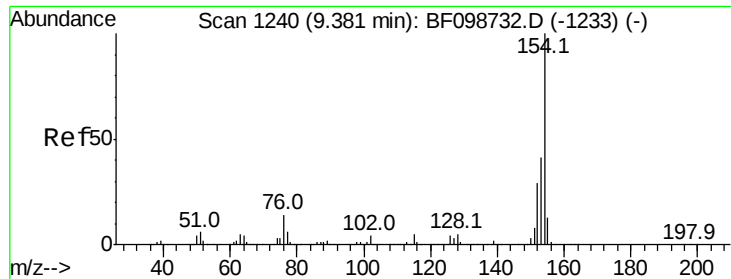
#44
2-Fluorobiphenyl
Concen: 106.766 ng
RT: 9.20 min Scan# 1210
Delta R.T. -0.01 min
Lab File: BF099552.D
Acq: 16 Oct 2017 19:03

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	1131222		
171	36.7	29.7	44.5	
170	23.9	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: 43.372 ng

RT: 9.30 min Scan# 1227

Delta R.T. -0.01 min

Lab File: BF099552.D

Acq: 16 Oct 2017 19:03

Instrument :

BNA_F

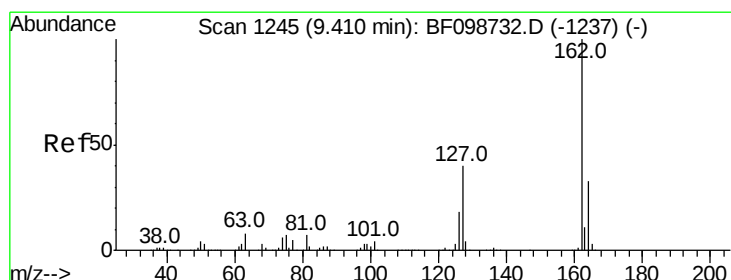
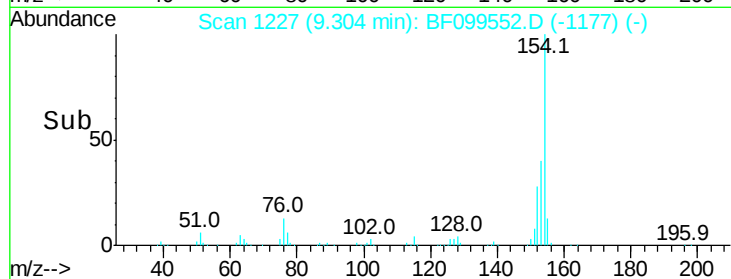
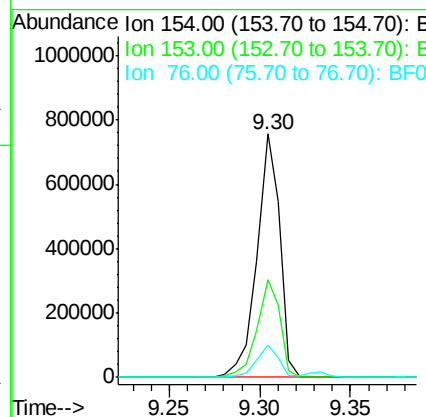
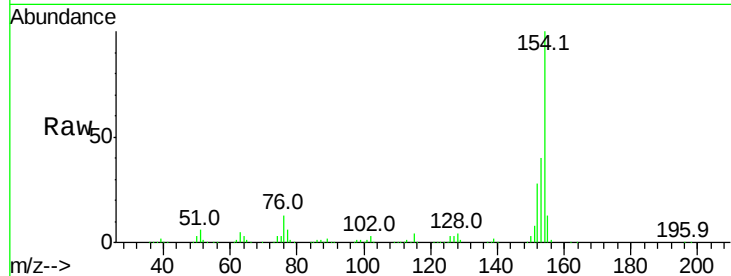
ClientSampled :

PB103252BS

Tot Ion:	154	Resp:	659326
Ion Ratio	Lower	Upper	
154	100		
153	40.4	21.3	61.3
76	13.2	0.0	34.0

Manual Integrations
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#46

2-Chloronaphthalene

Concen: 44.997 ng

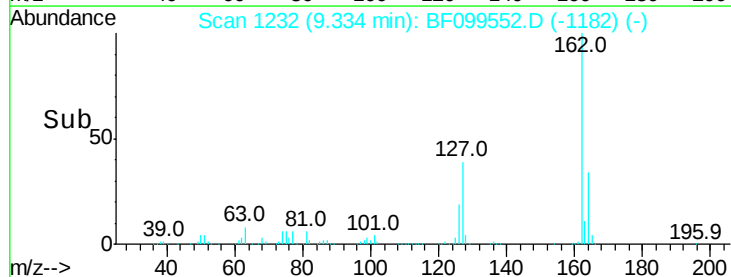
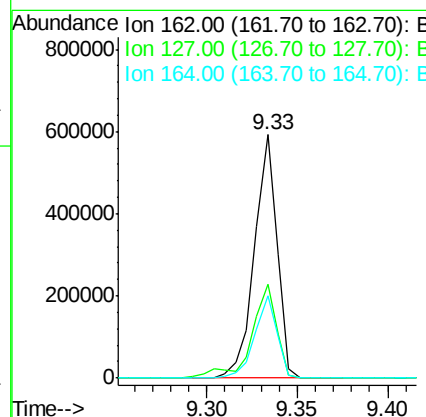
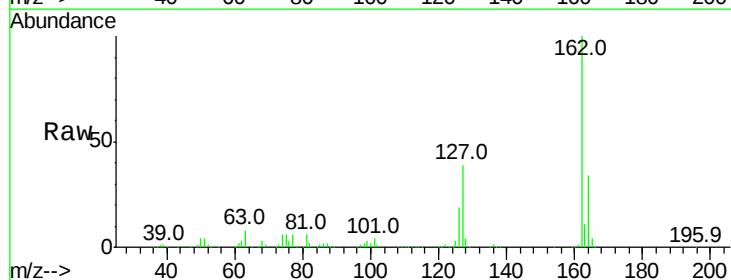
RT: 9.33 min Scan# 1232

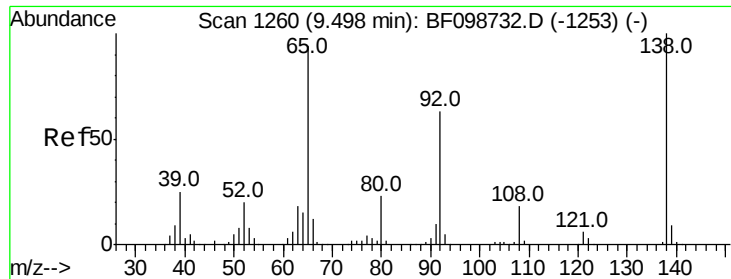
Delta R.T. -0.01 min

Lab File: BF099552.D

Acq: 16 Oct 2017 19:03

Tgt Ion:	162	Resp:	513583
Ion Ratio	Lower	Upper	
162	100		
127	38.7	33.9	50.9
164	33.7	26.5	39.7





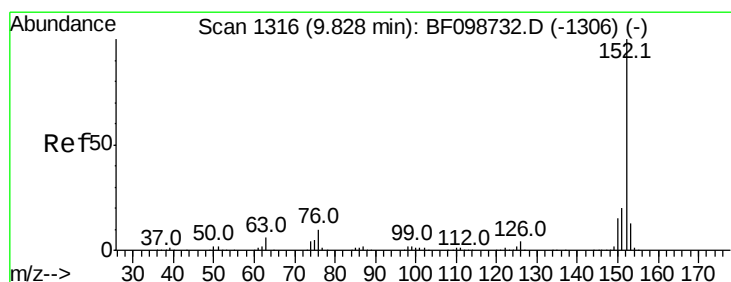
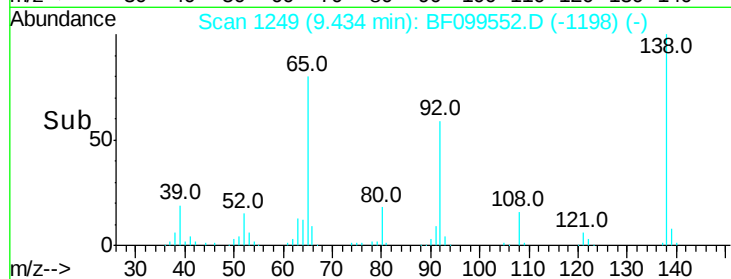
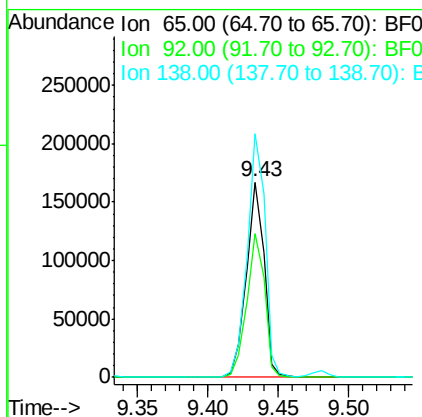
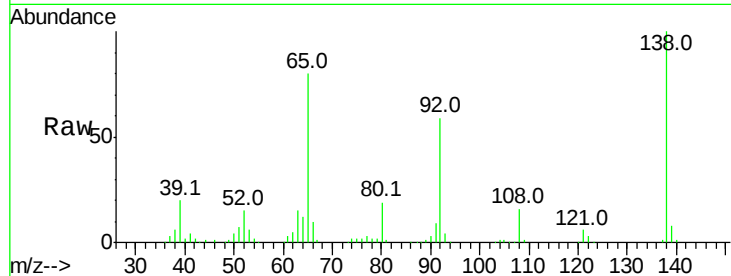
#47
2-Nitroaniline
Concen: 42.349 ng
RT: 9.43 min Scan# 1249
Delta R.T. 0.00 min
Lab File: BF099552.D
Acq: 16 Oct 2017 19:03

Instrument :
BNA_F
ClientSampled :
PB103252BS

Tot Ion	Ratio	Lower	Upper
65	100		
92	73.3	55.8	83.6
138	124.7	91.2	136.8

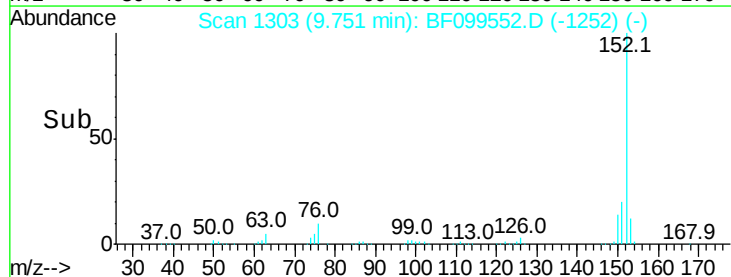
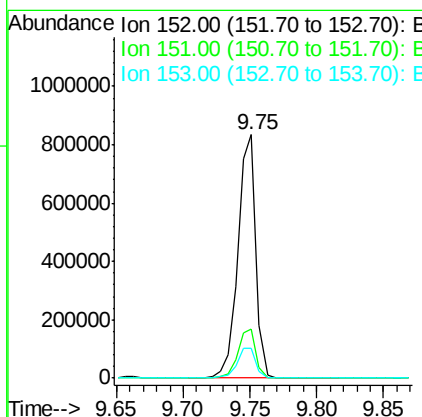
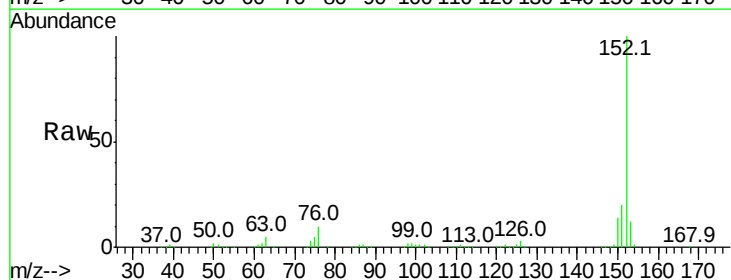
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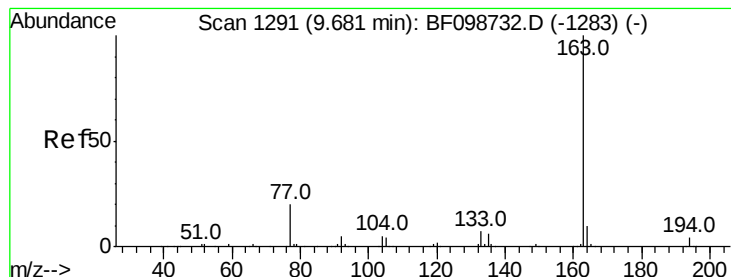
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#48
Acenaphthylene
Concen: 44.455 ng
RT: 9.75 min Scan# 1303
Delta R.T. 0.00 min
Lab File: BF099552.D
Acq: 16 Oct 2017 19:03

Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.2	16.3	24.5
153	12.5	10.7	16.1





#49

Dimethylphthalate

Concen: 46.331 ng

RT: 9.60 min Scan# 1278

Delta R.T. -0.01 min

Lab File: BF099552.D

Acq: 16 Oct 2017 19:03

Instrument :

BNA_F

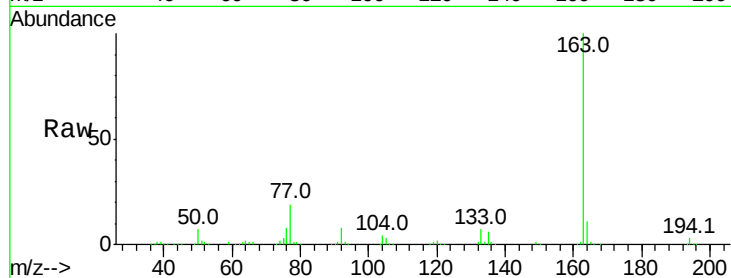
ClientSampleId :

PB103252BS

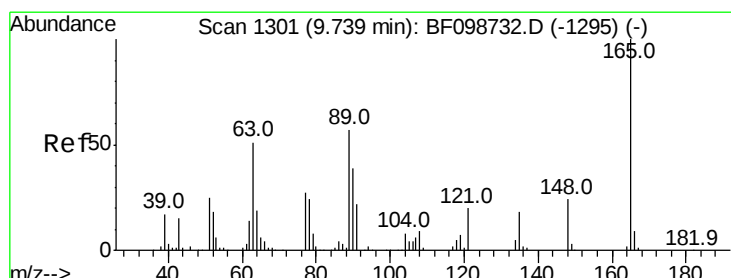
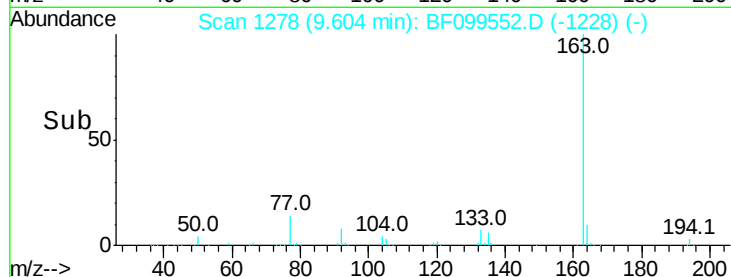
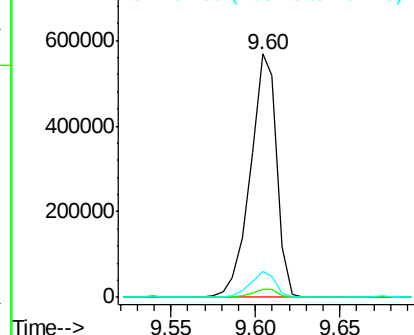
Tot Ion	Ratio	Resp	Lower	Upper
163	100	618514		
194	3.4	2.7	4.1	
164	10.5	8.2	12.2	

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Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E



#50

2,6-Dinitrotoluene

Concen: 46.874 ng

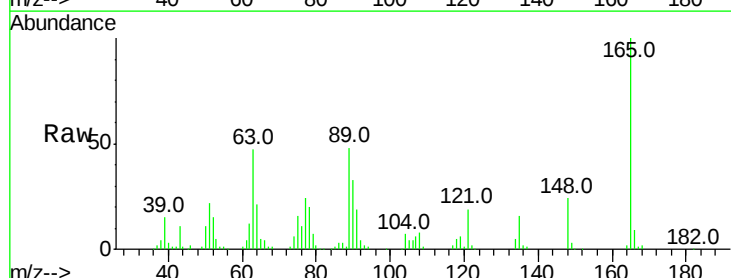
RT: 9.67 min Scan# 1290

Delta R.T. -0.01 min

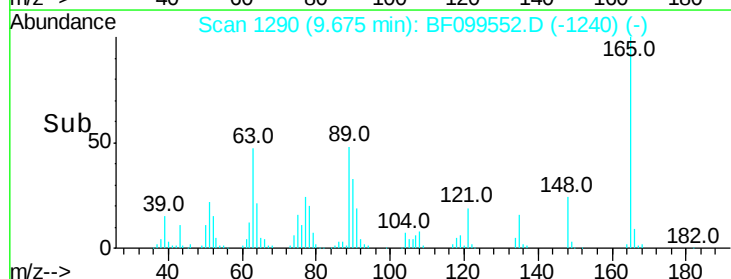
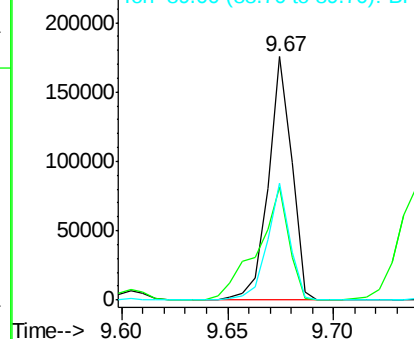
Lab File: BF099552.D

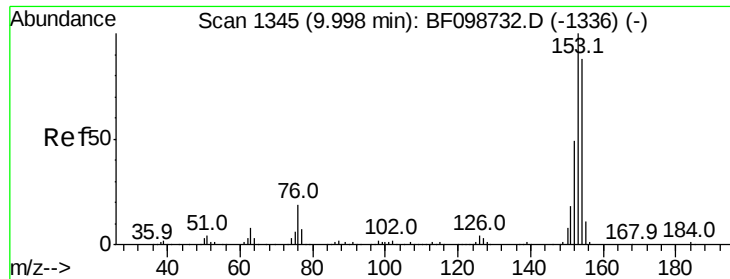
Acq: 16 Oct 2017 19:03

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	136233		
63	46.5	44.7	67.1	
89	48.2	44.0	66.0	



Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 40.928 ng

RT: 9.92 min Scan# 1332

Delta R.T. -0.01 min

Lab File: BF099552.D

Acq: 16 Oct 2017 19:03

Instrument :

BNA_F

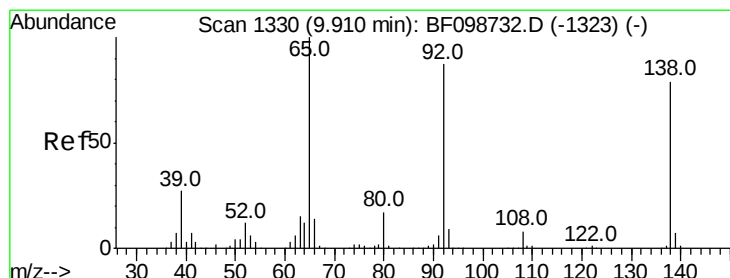
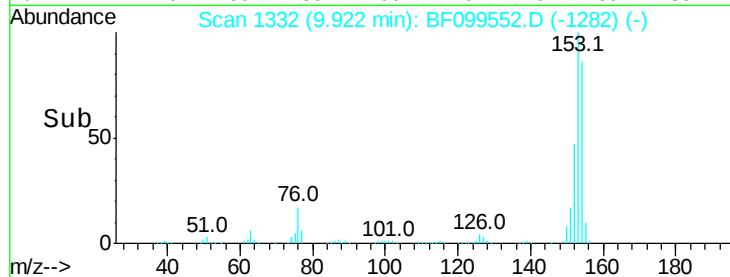
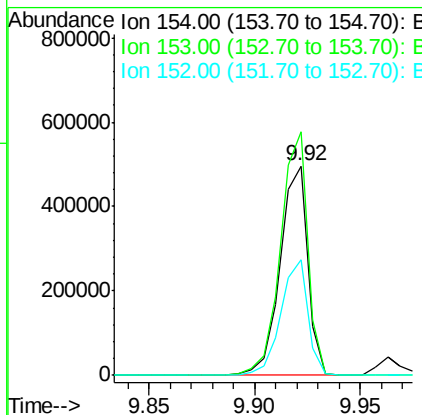
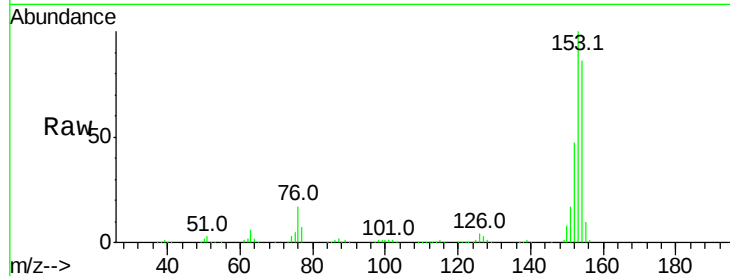
ClientSampleId :

PB103252BS

Tot Ion:	154	Resp:	452991
Ion Ratio	Lower	Upper	
154	100		
153	116.1	91.2	136.8
152	54.9	43.8	65.8

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#52

3-Nitroaniline

Concen: 37.544 ng

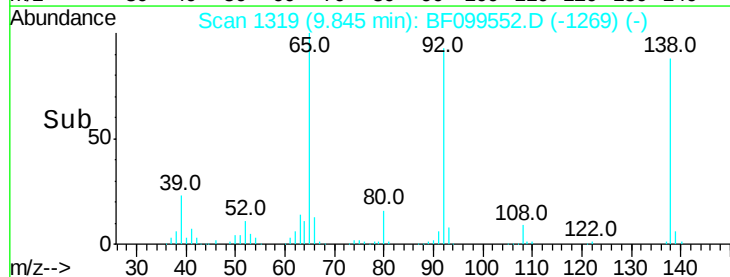
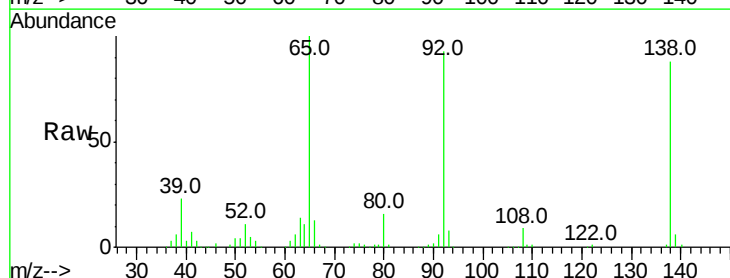
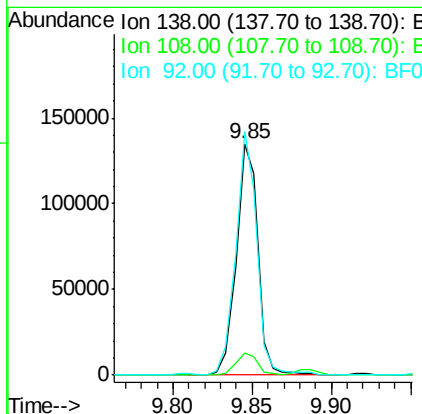
RT: 9.85 min Scan# 1319

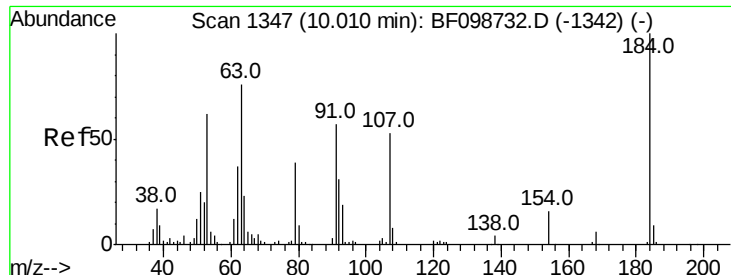
Delta R.T. -0.01 min

Lab File: BF099552.D

Acq: 16 Oct 2017 19:03

Tgt Ion:	138	Resp:	127229
Ion Ratio	Lower	Upper	
138	100		
108	9.9	9.4	14.0
92	105.4	89.4	134.2





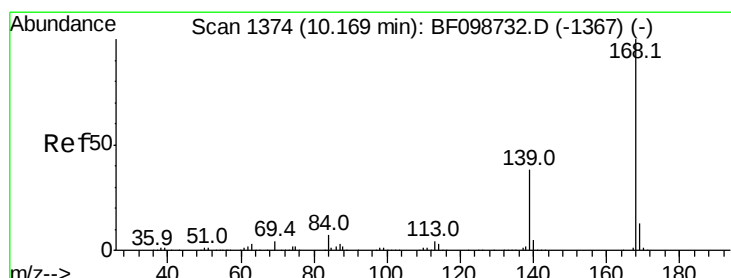
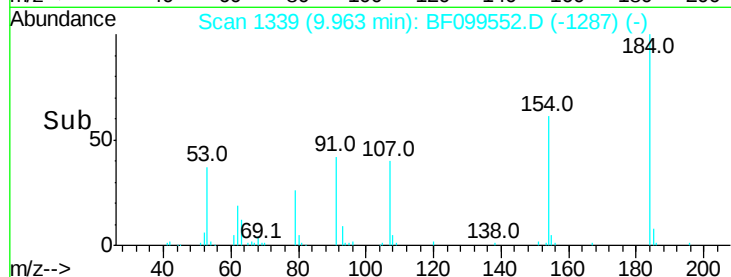
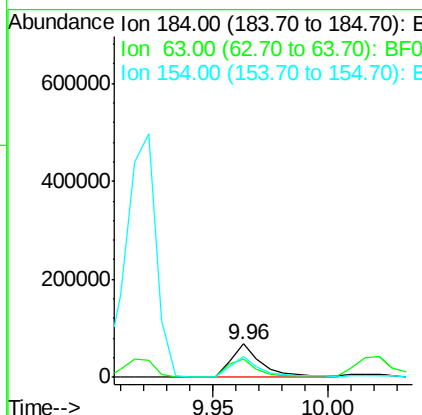
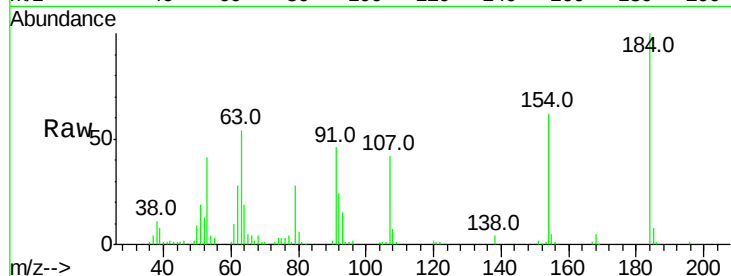
#53
 2,4-Dinitrophenol
 Concen: 45.018 ng
 RT: 9.96 min Scan# 1339
 Delta R.T. 0.01 min
 Lab File: BF099552.D
 Acq: 16 Oct 2017 19:03

Instrument :
 BNA_F
 ClientSampleId :
 PB103252BS

Tot Ion	Ratio	Lower	Upper
184	100		
63	53.7	54.2	81.2#
154	61.9	53.5	80.3

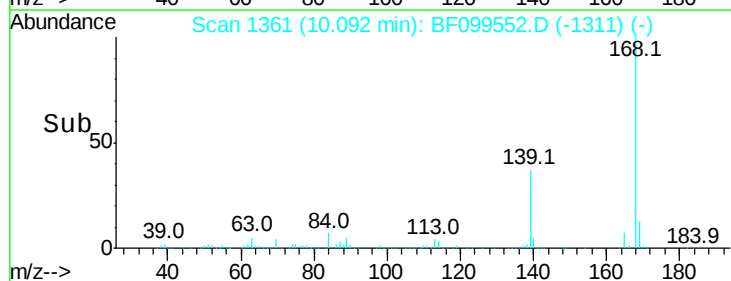
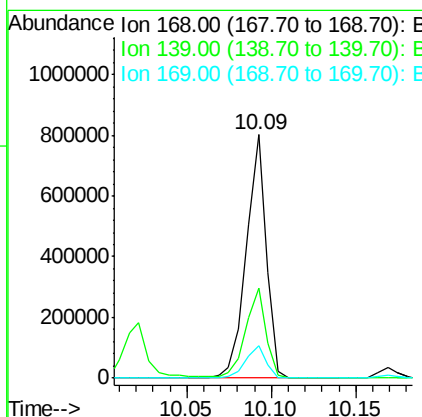
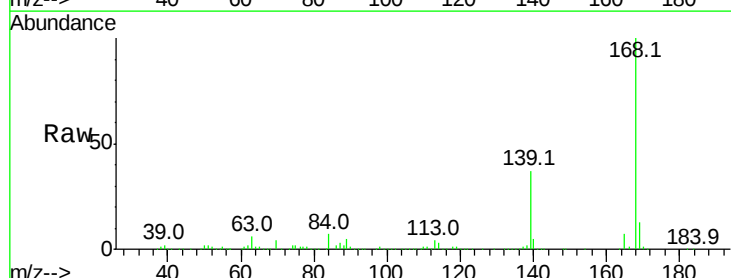
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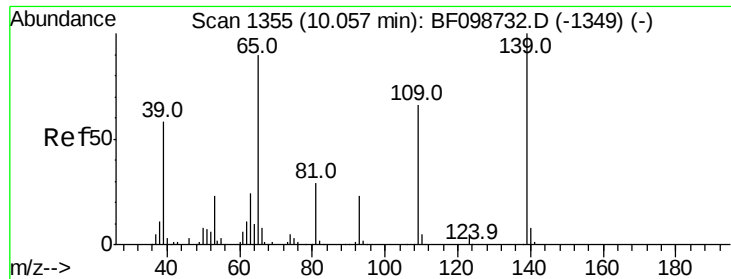
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#54
 Dibenzofuran
 Concen: 45.289 ng
 RT: 10.09 min Scan# 1361
 Delta R.T. -0.01 min
 Lab File: BF099552.D
 Acq: 16 Oct 2017 19:03

Tgt Ion	Ratio	Lower	Upper
168	100		
139	37.2	30.1	45.1
169	13.3	10.9	16.3





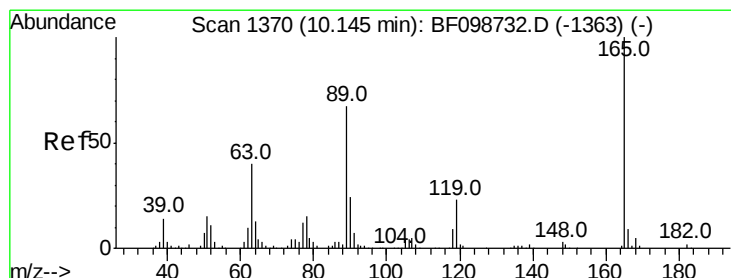
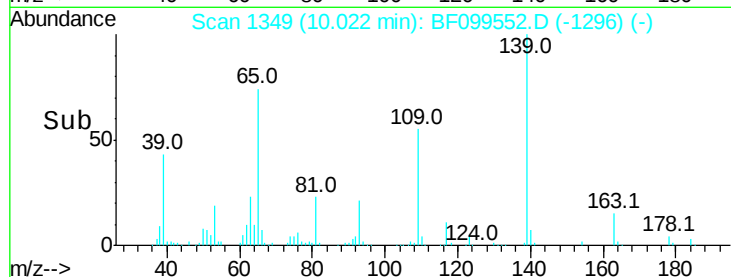
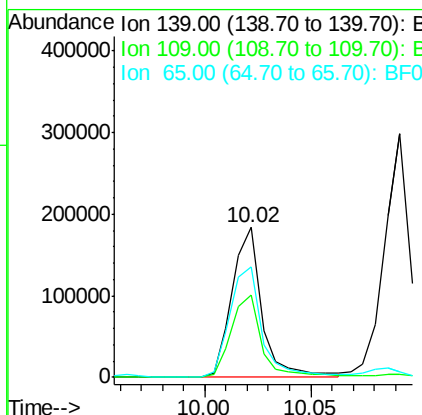
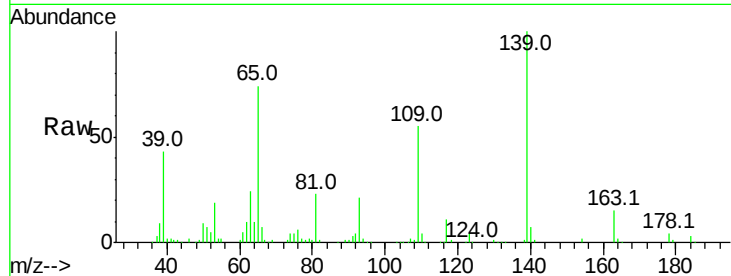
#55
4-Nitrophenol
Concen: 62.583 ng
RT: 10.02 min Scan# 1349
Delta R.T. 0.01 min
Lab File: BF099552.D
Acq: 16 Oct 2017 19:03

Instrument :
BNA_F
ClientSampleId :
PB103252BS

Tot Ion	Ratio	Resp	Lower	Upper
139	100	179332		
109	55.1	48.4	88.4	
65	73.8	72.6	112.6	

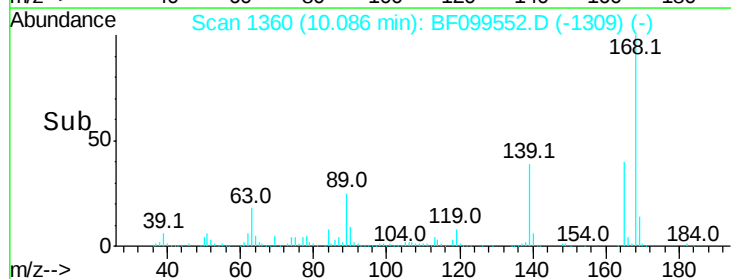
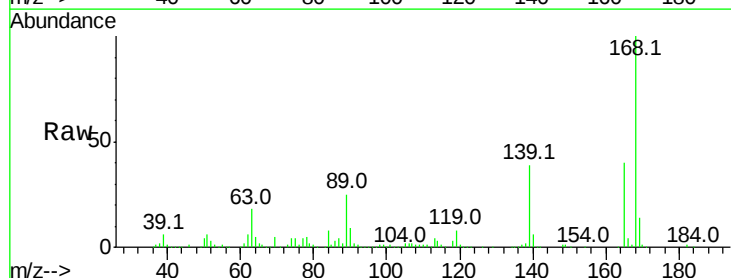
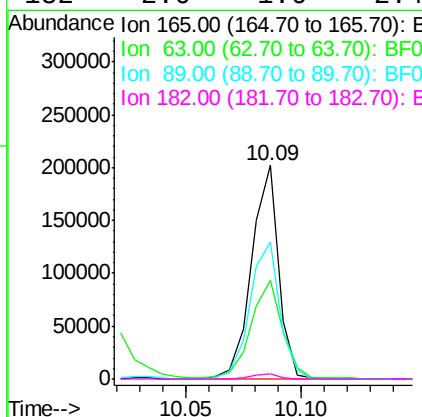
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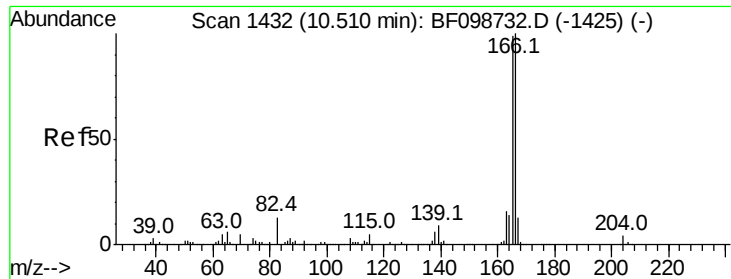
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#56
2,4-Dinitrotoluene
Concen: 43.894 ng
RT: 10.09 min Scan# 1360
Delta R.T. 0.00 min
Lab File: BF099552.D
Acq: 16 Oct 2017 19:03

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	165565		
63	46.2	36.4	54.6	
89	64.2	57.8	86.6	
182	2.6	1.6	2.4	





#57

Fluorene

Concen: 45.005 ng

RT: 10.43 min Scan# 1419

Delta R.T. -0.01 min

Lab File: BF099552.D

Acq: 16 Oct 2017 19:03

Instrument :

BNA_F

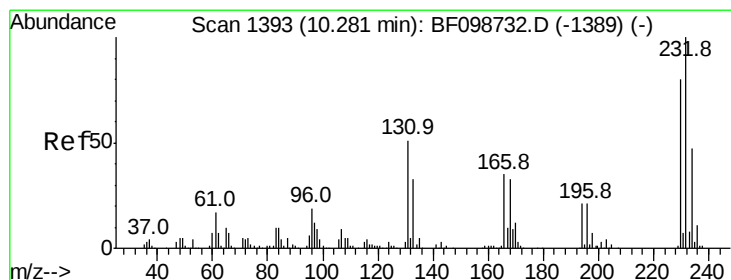
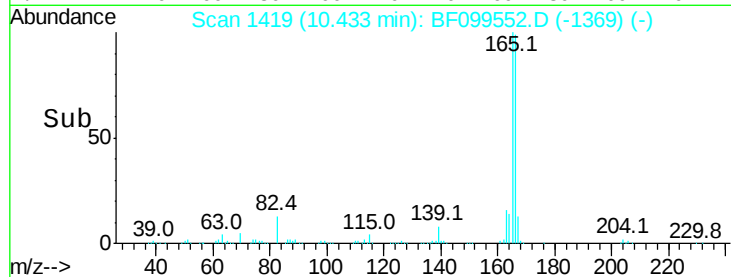
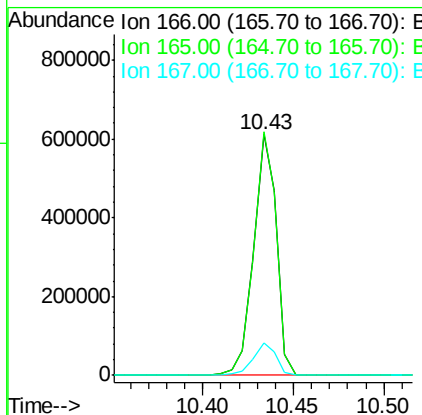
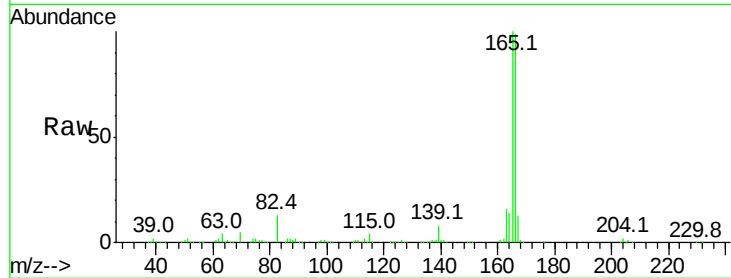
ClientSampleId :

PB103252BS

Tot Ion	Ratio	Lower	Upper
166	100		
165	101.1	79.8	119.8
167	13.4	10.6	16.0

Manual Integrations
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#58

2,3,4,6-Tetrachlorophenol

Concen: 45.952 ng

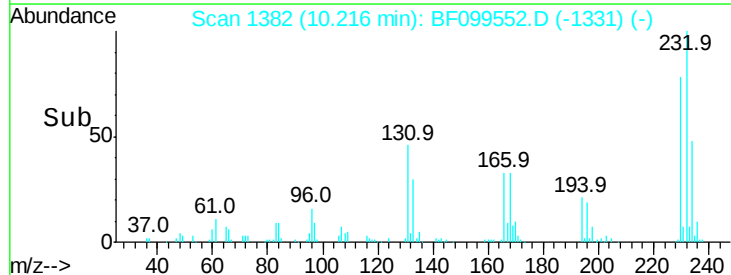
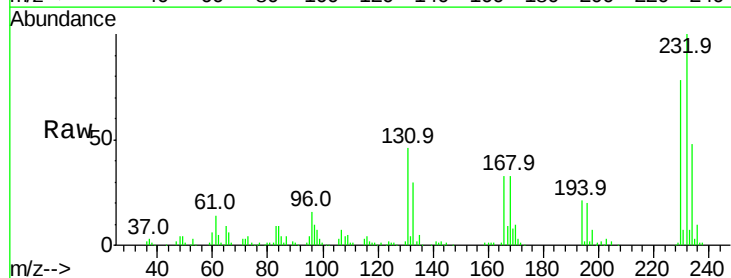
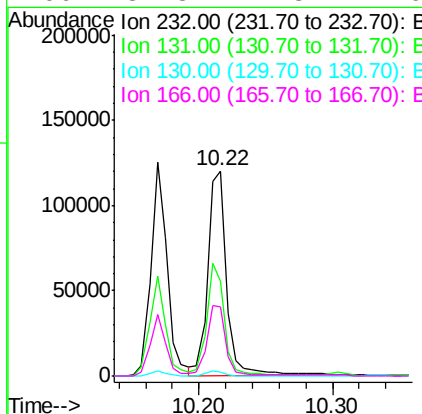
RT: 10.22 min Scan# 1382

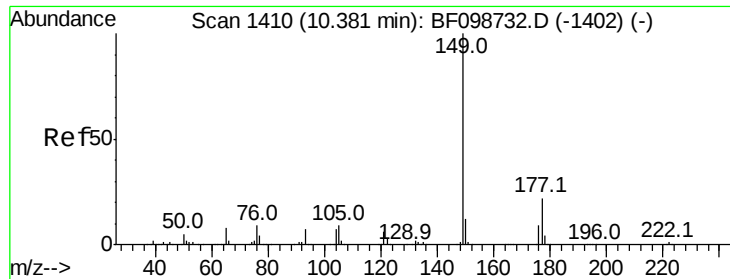
Delta R.T. 0.00 min

Lab File: BF099552.D

Acq: 16 Oct 2017 19:03

Tgt Ion	Ratio	Lower	Upper
232	100		
131	51.1	43.8	65.8
130	2.3	2.1	3.1
166	34.3	27.8	41.6





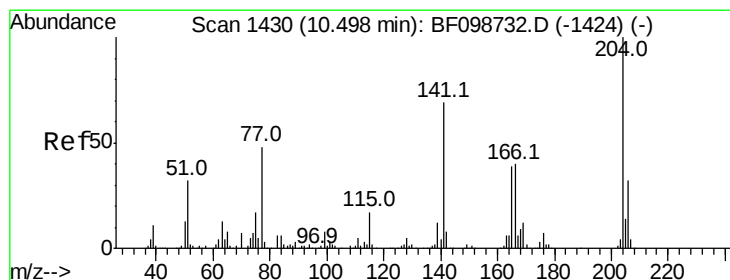
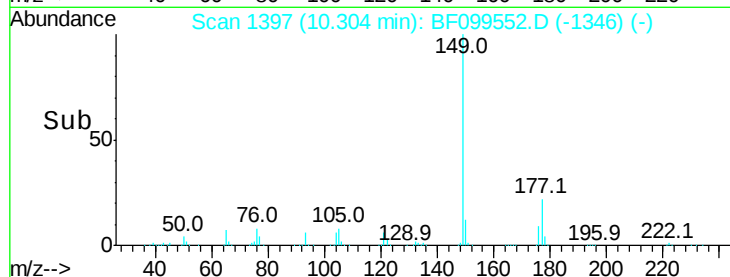
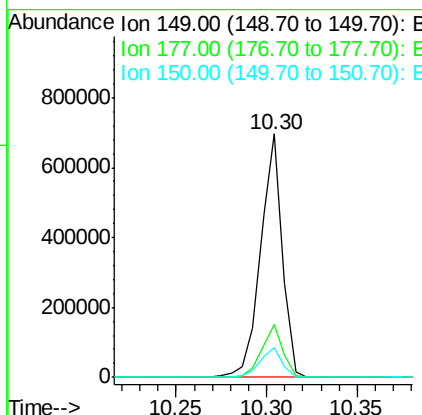
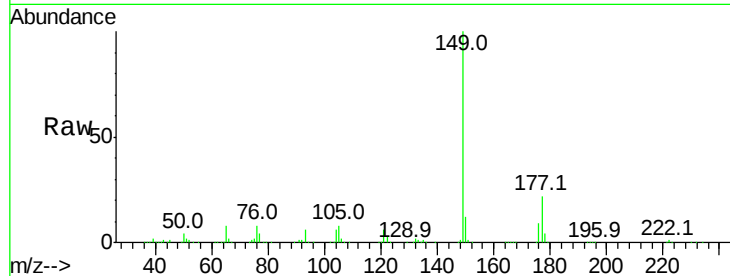
#59
Diethylphthalate
Concen: 44.308 ng
RT: 10.30 min Scan# 1397
Delta R.T. 0.00 min
Lab File: BF099552.D
Acq: 16 Oct 2017 19:03

Instrument :
BNA_F
ClientSampleId :
PB103252BS

Tot Ion	Ratio	Resp	Lower	Upper
149	100	577993		
177	22.0		16.1	24.1
150	12.1		10.1	15.1

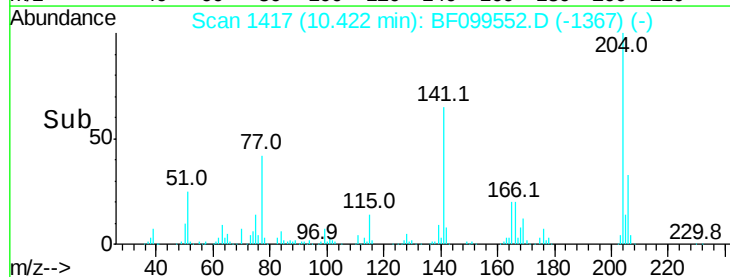
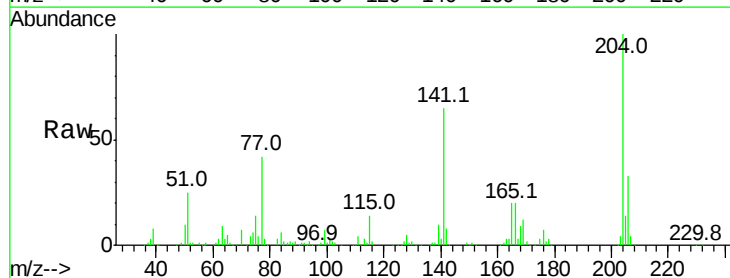
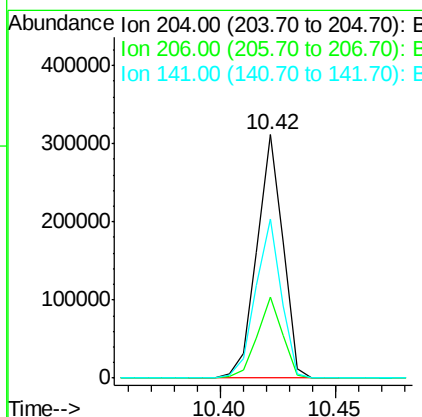
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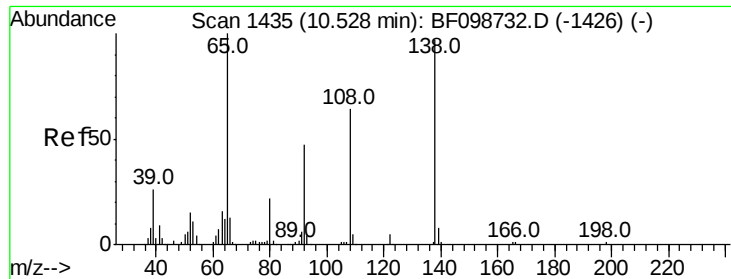
Sohil
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#60
4-Chlorophenyl-phenylether
Concen: 46.213 ng
RT: 10.42 min Scan# 1417
Delta R.T. -0.01 min
Lab File: BF099552.D
Acq: 16 Oct 2017 19:03

Tgt Ion	Ratio	Resp	Lower	Upper
204	100	245882		
206	33.1		26.5	39.7
141	65.5		54.6	81.8





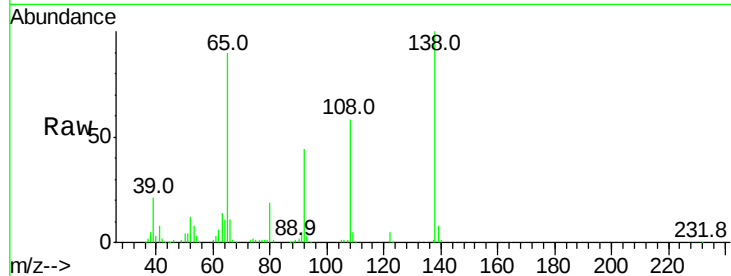
#61
4-Nitroaniline
Concen: 44.656 ng
RT: 10.47 min Scan# 1425
Delta R.T. 0.01 min
Lab File: BF099552.D
Acq: 16 Oct 2017 19:03

Instrument :
BNA_F
ClientSampleId :
PB103252BS

Tot Ion	Ratio	Lower	Upper
138	100		
92	44.0	30.2	70.2
108	57.8	52.5	92.5

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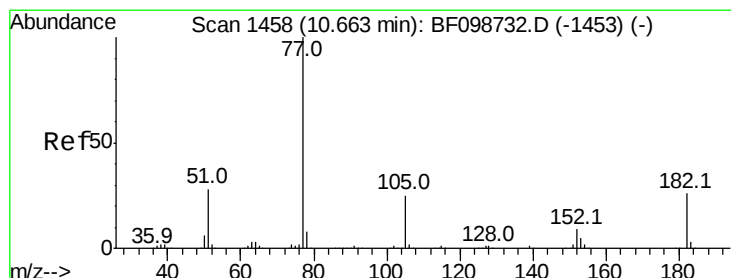
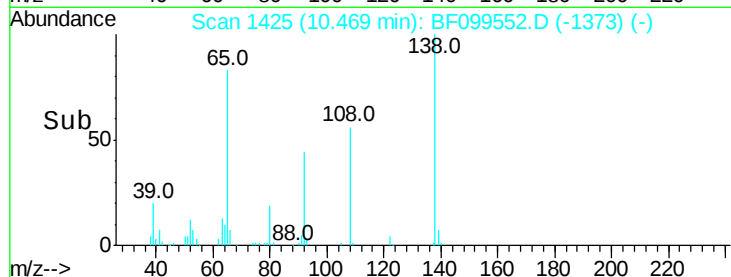
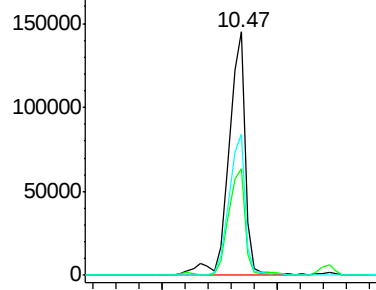


Abundance

Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BF0

Ion 108.00 (107.70 to 108.70): E



#62
Azobenzene
Concen: 43.292 ng
RT: 10.59 min Scan# 1445
Delta R.T. 0.00 min
Lab File: BF099552.D
Acq: 16 Oct 2017 19:03

Tgt Ion	Ratio	Lower	Upper
77	100		
182	28.4	1.7	41.7
105	25.9	3.0	43.0
51	25.1	9.9	49.9

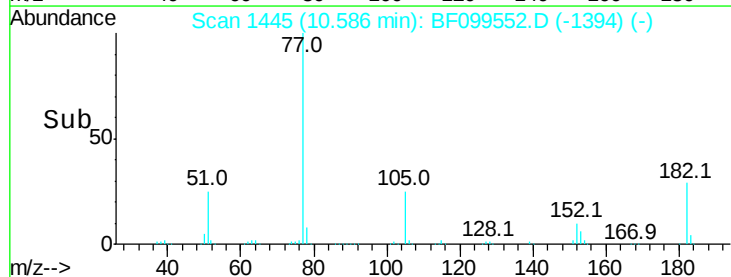
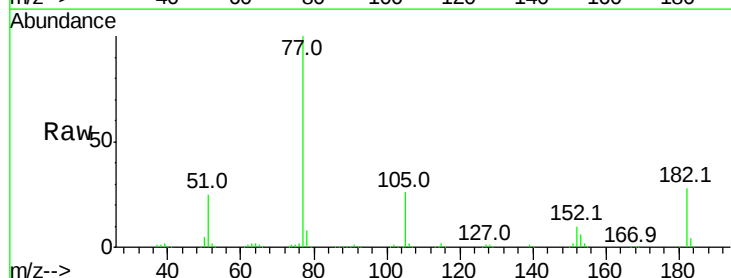
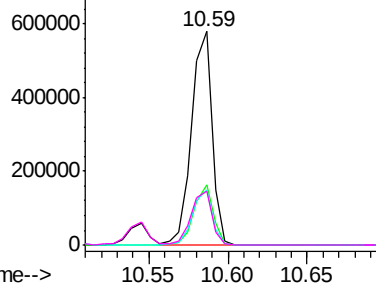
Abundance

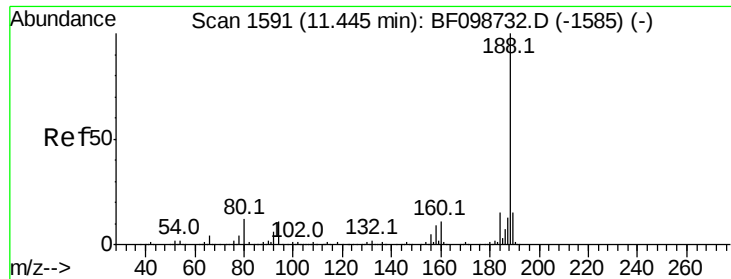
Ion 77.00 (76.70 to 77.70): BF0

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF0





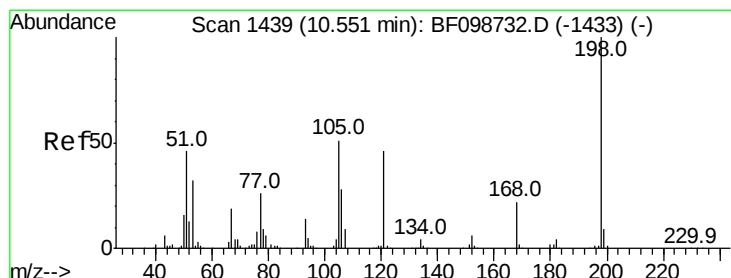
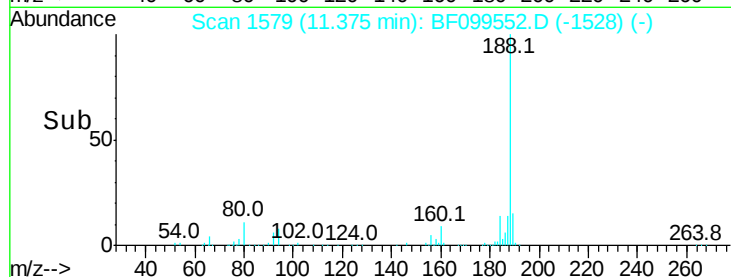
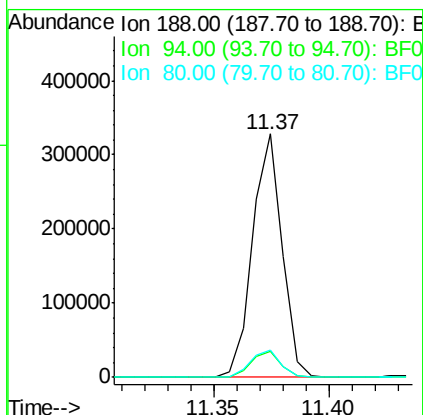
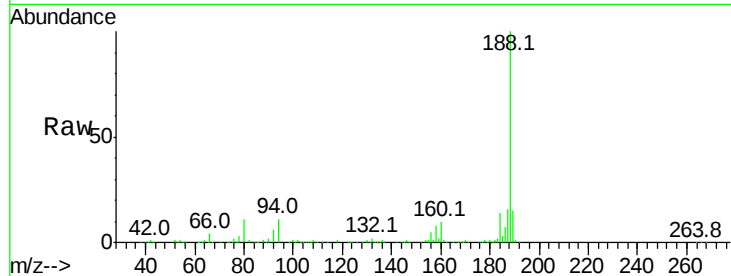
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.37 min Scan# 1579
Delta R.T. 0.00 min
Lab File: BF099552.D
Acq: 16 Oct 2017 19:03

Instrument :
BNA_F
ClientSampleId :
PB103252BS

Tot Ion	Ratio	Resp Lower	Resp Upper
188	100		
94	10.8	8.5	12.7
80	11.4	9.2	13.8

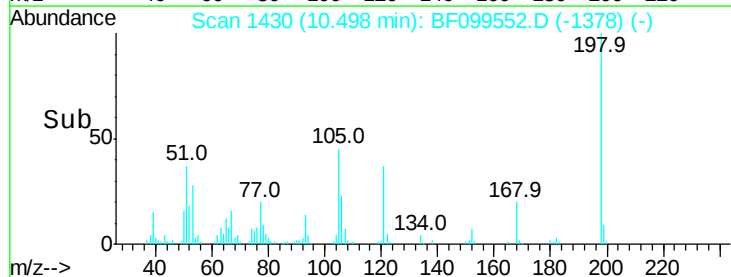
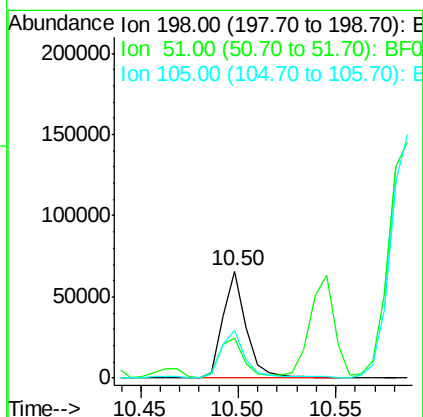
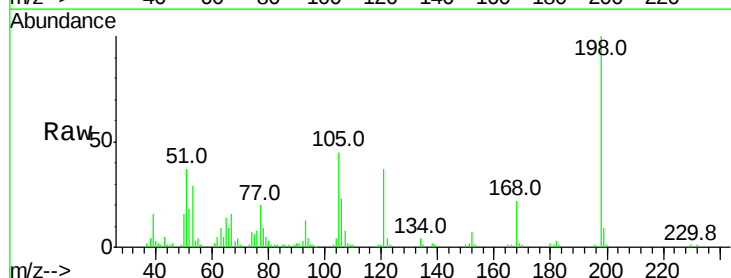
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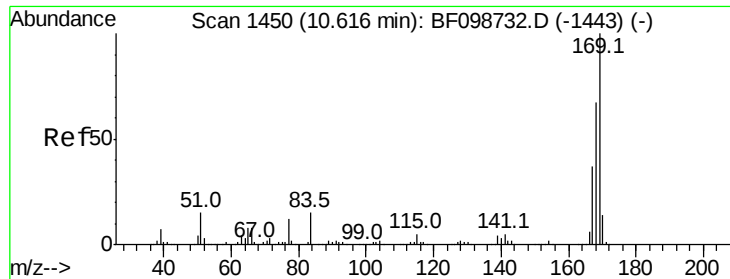
Sohil
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#64
4,6-Dinitro-2-methylphenol
Concen: 30.696 ng
RT: 10.50 min Scan# 1430
Delta R.T. 0.01 min
Lab File: BF099552.D
Acq: 16 Oct 2017 19:03

Tgt Ion	Ratio	Resp Lower	Resp Upper
198	100		
51	37.0	37.7	77.7#
105	45.0	36.3	76.3





#65

n-Nitrosodiphenylamine

Concen: 47.435 ng

RT: 10.55 min Scan# 1438

Delta R.T. -0.01 min

Lab File: BF099552.D

Acq: 16 Oct 2017 19:03

Instrument :

BNA_F

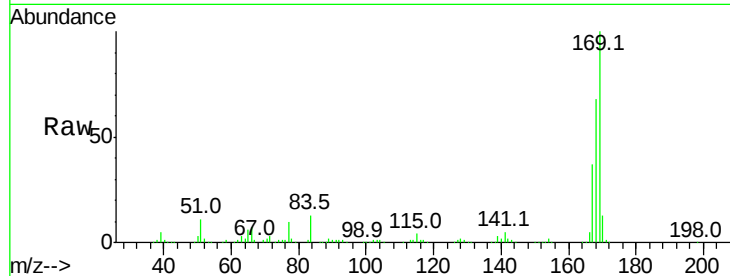
ClientSampleId :

PB103252BS

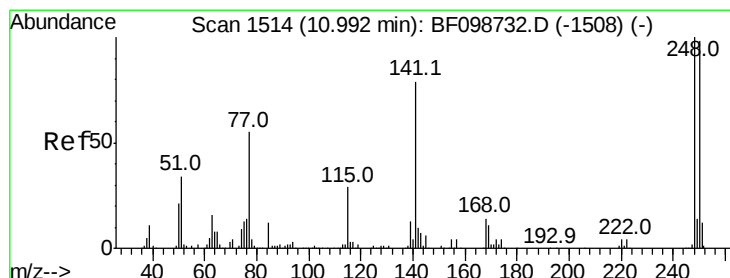
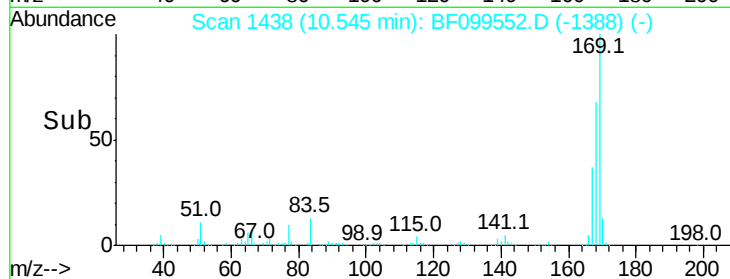
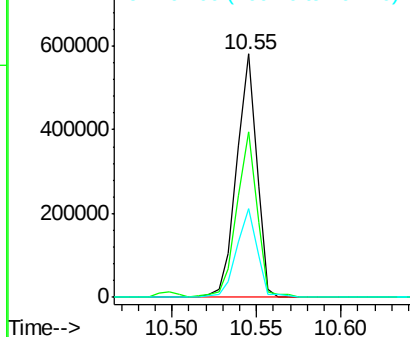
Tot Ion:	169	Resp:	482304
Ion Ratio	Lower	Upper	
169	100		
168	67.9	54.4	81.6
167	36.7	29.8	44.6

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



#66

4-Bromophenyl-phenylether

Concen: 48.927 ng

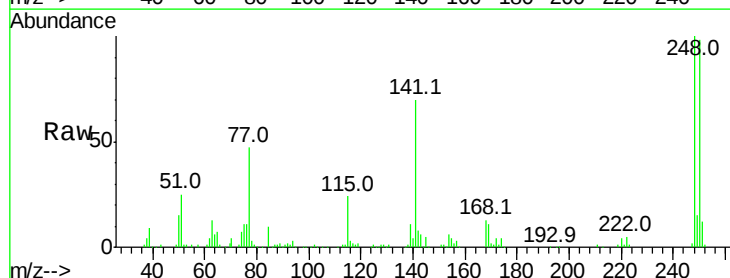
RT: 10.92 min Scan# 1501

Delta R.T. 0.00 min

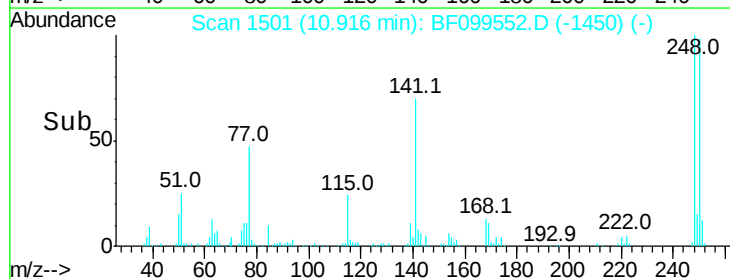
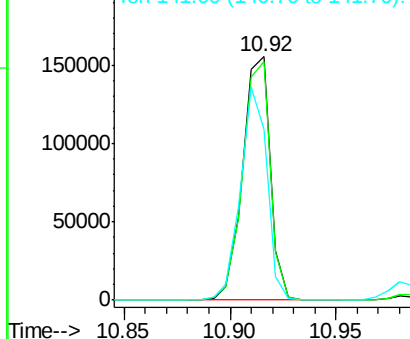
Lab File: BF099552.D

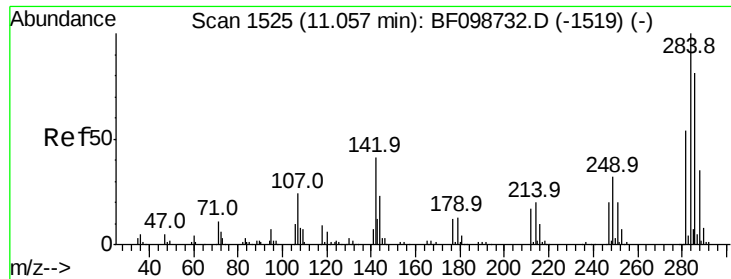
Acq: 16 Oct 2017 19:03

Tgt Ion:	248	Resp:	140561
Ion Ratio	Lower	Upper	
248	100		
250	98.0	76.9	115.3
141	70.2	74.4	111.6#



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





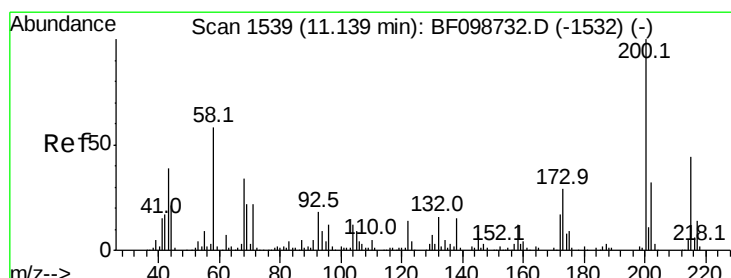
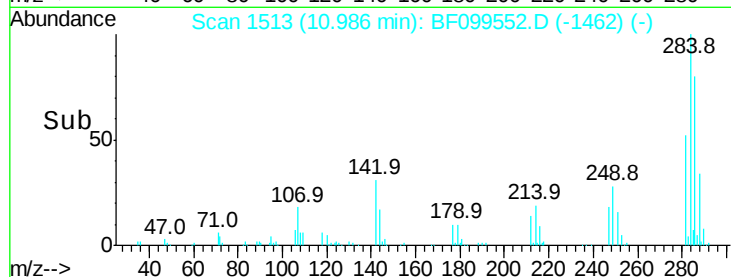
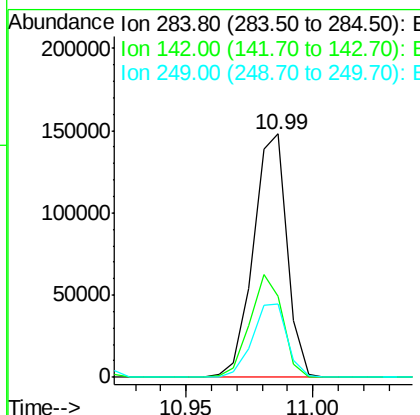
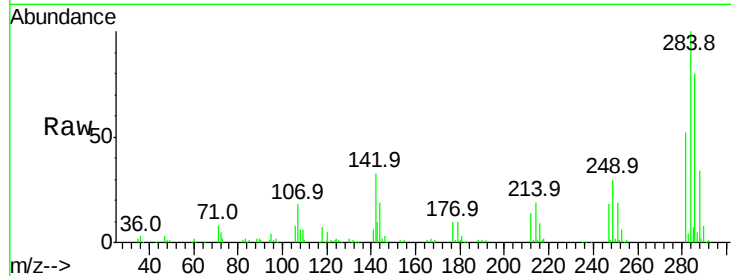
#67
Hexachlorobenzene
Concen: 44.586 ng
RT: 10.99 min Scan# 1513
Delta R.T. 0.00 min
Lab File: BF099552.D
Acq: 16 Oct 2017 19:03

Instrument :
BNA_F
ClientSampleId :
PB103252BS

Tot Ion	Ratio	Resp	Lower	Upper
284	100			
142	33.5	34.6	52.0	
249	30.0	24.8	37.2	

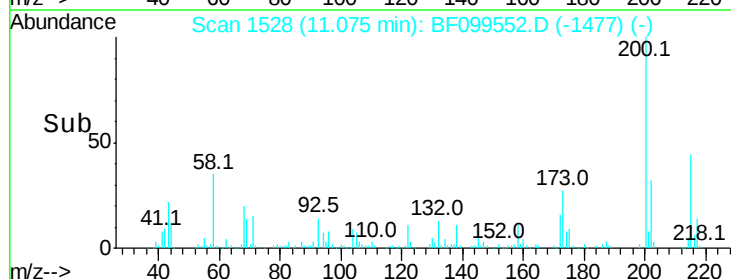
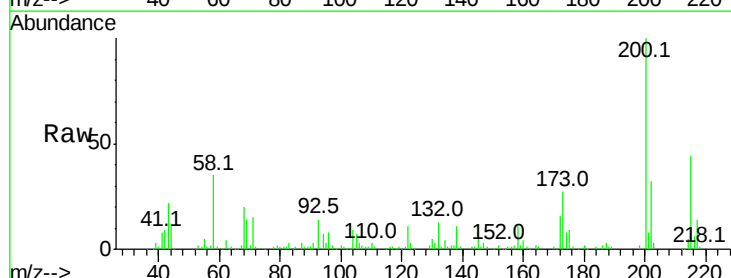
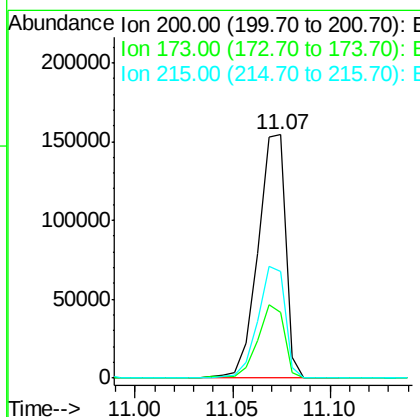
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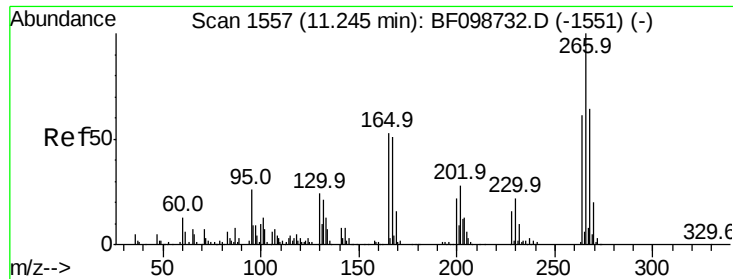
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#68
Atrazine
Concen: 49.481 ng
RT: 11.07 min Scan# 1528
Delta R.T. 0.00 min
Lab File: BF099552.D
Acq: 16 Oct 2017 19:03

Tgt Ion	Ratio	Resp	Lower	Upper
200	100			
173	26.9	8.6	48.6	
215	43.9	25.1	65.1	





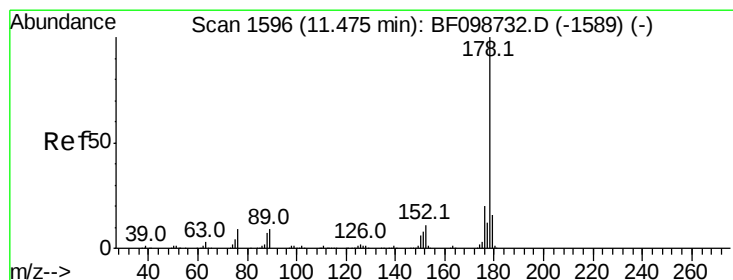
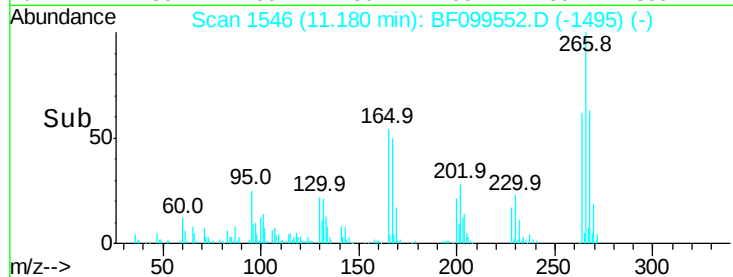
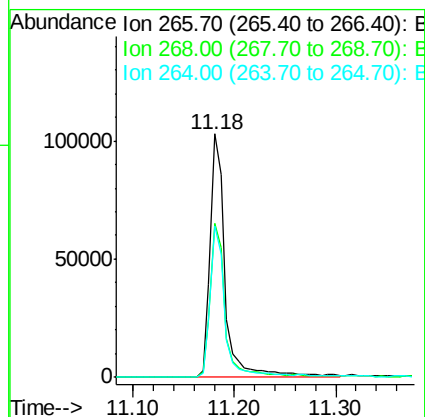
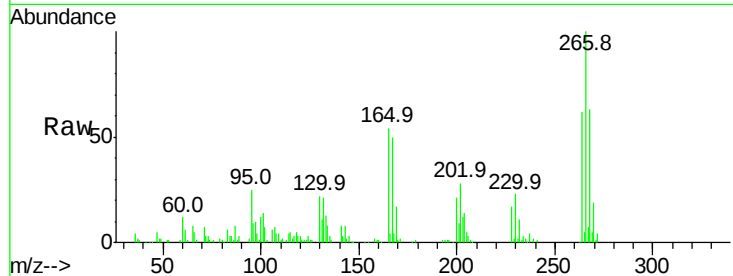
#69
 Pentachlorophenol
 Concen: 56.325 ng
 RT: 11.18 min Scan# 1546
 Delta R.T. 0.00 min
 Lab File: BF099552.D
 Acq: 16 Oct 2017 19:03

Instrument :
 BNA_F
 ClientSampleId :
 PB103252BS

Tot Ion	Ratio	Resp	Lower	Upper
266	100	107559		
268	63.1		51.1	76.7
264	62.2		49.5	74.3

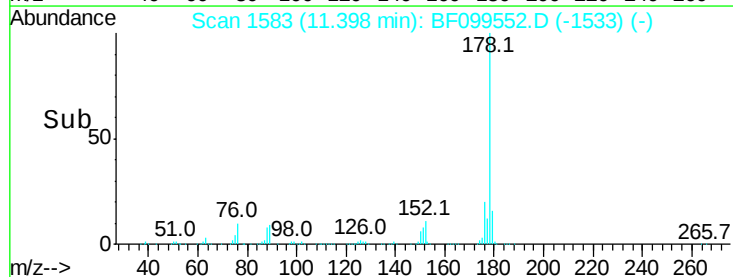
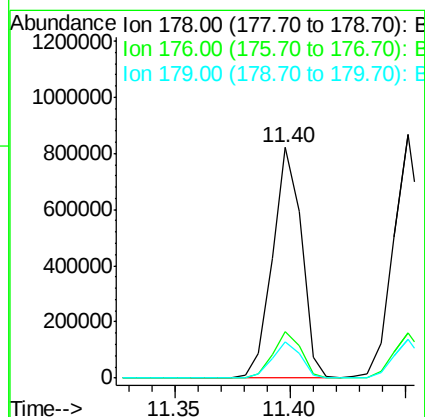
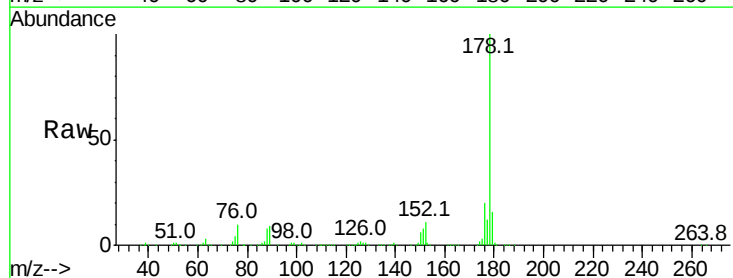
Manual Integrations
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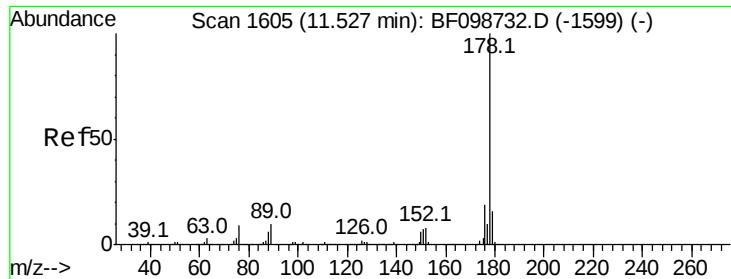
Sohil
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#70
 Phenanthrene
 Concen: 45.425 ng
 RT: 11.40 min Scan# 1583
 Delta R.T. -0.01 min
 Lab File: BF099552.D
 Acq: 16 Oct 2017 19:03

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	713633		
176	20.0		15.8	23.8
179	15.7		13.0	19.6





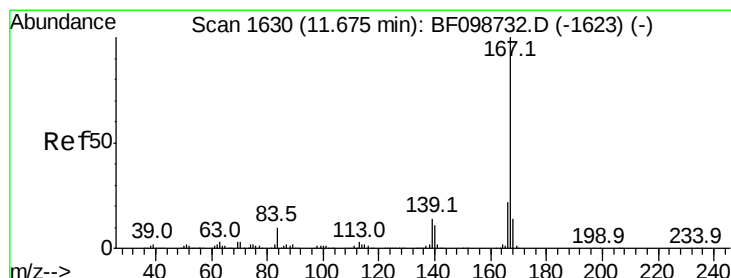
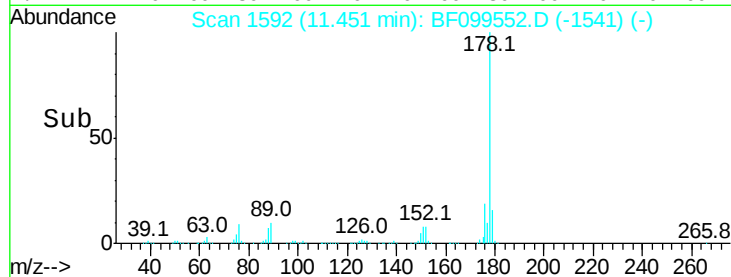
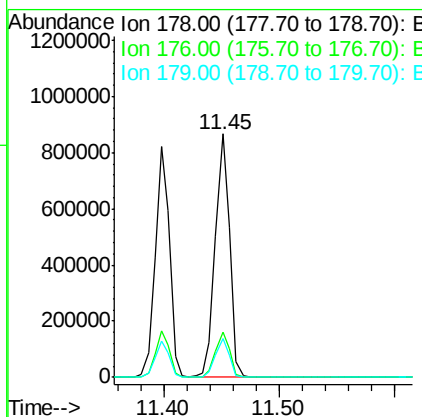
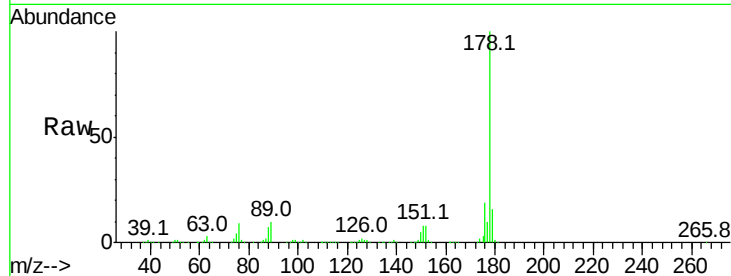
#71
 Anthracene
 Concen: 46.418 ng
 RT: 11.45 min Scan# 1592
 Delta R.T. 0.00 min
 Lab File: BF099552.D
 Acq: 16 Oct 2017 19:03

Instrument :
 BNA_F
 ClientSampleId :
 PB103252BS

Tot Ion	Ratio	Lower	Upper
178	100		
176	18.7	15.4	23.2
179	15.7	12.6	19.0

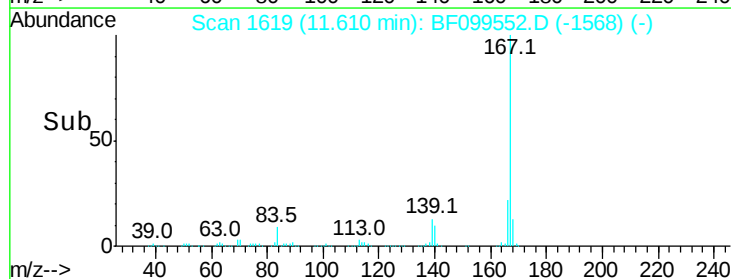
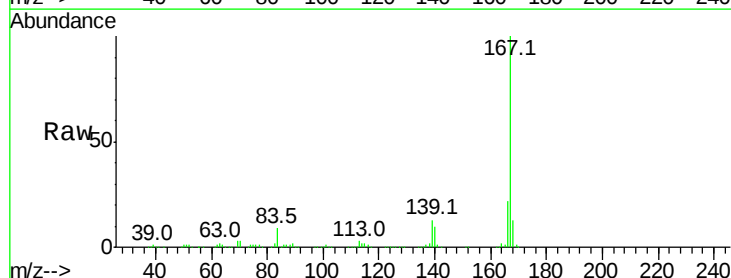
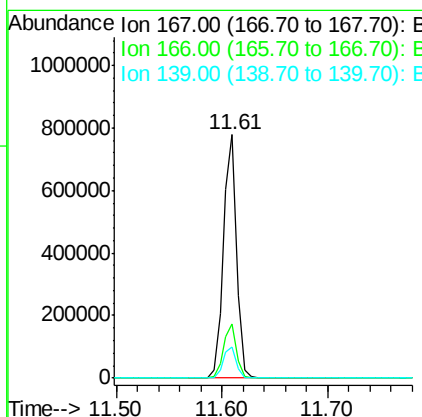
Manual Integrations
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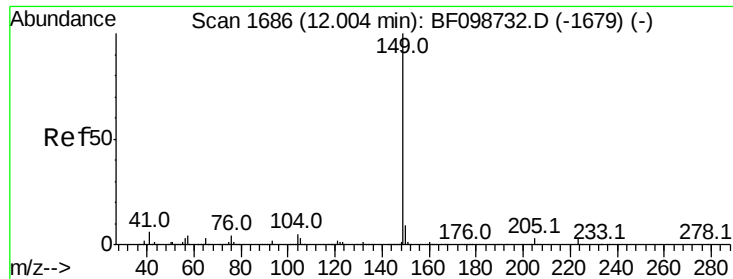
Sohil
 10/17/2017 5:02:02 PM



#72
 Carbazole
 Concen: 43.052 ng
 RT: 11.61 min Scan# 1619
 Delta R.T. 0.00 min
 Lab File: BF099552.D
 Acq: 16 Oct 2017 19:03

Tgt Ion	Ratio	Lower	Upper
167	100		
166	22.4	17.6	26.4
139	12.6	10.9	16.3





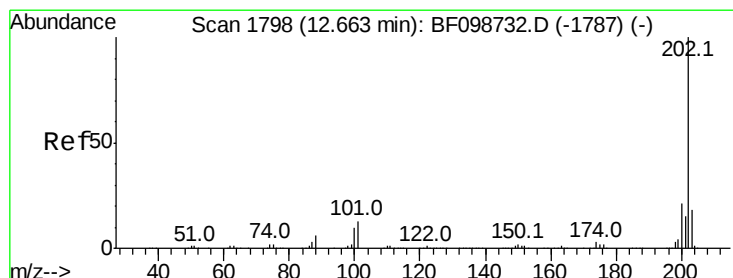
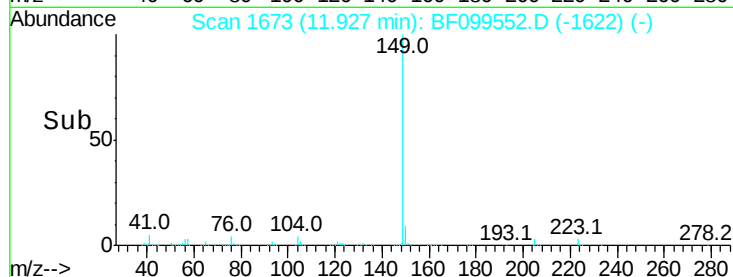
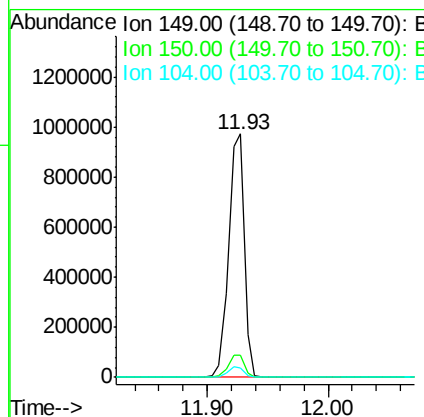
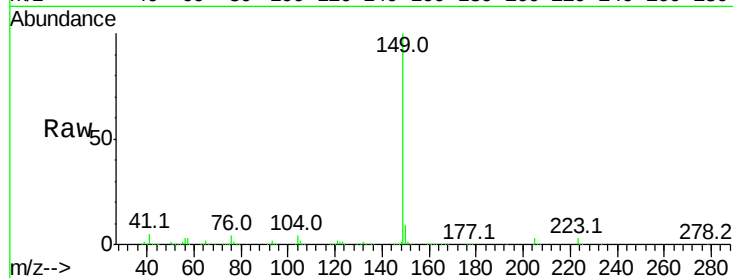
#73
Di-n-butylphthalate
Concen: 45.984 ng
RT: 11.93 min Scan# 1673
Delta R.T. 0.00 min
Lab File: BF099552.D
Acq: 16 Oct 2017 19:03

Instrument :
BNA_F
ClientSampleId :
PB103252BS

Tot Ion	Ratio	Resp	Lower	Upper
149	100			
150	9.3	7.8	11.6	
104	3.9	3.8	5.8	

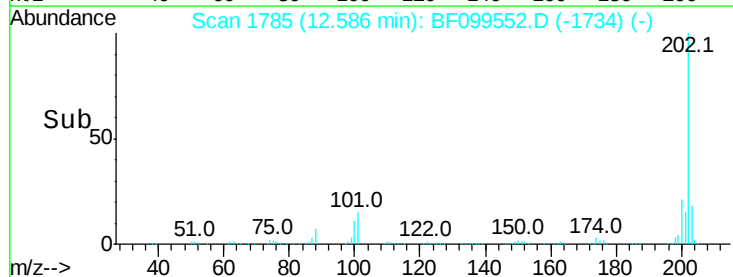
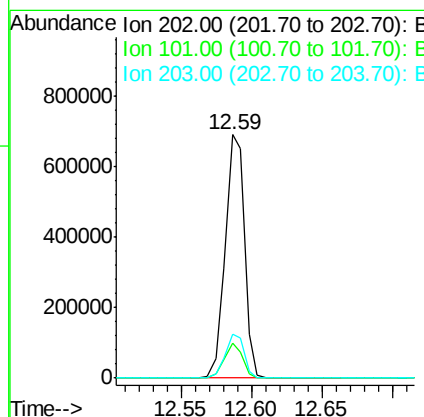
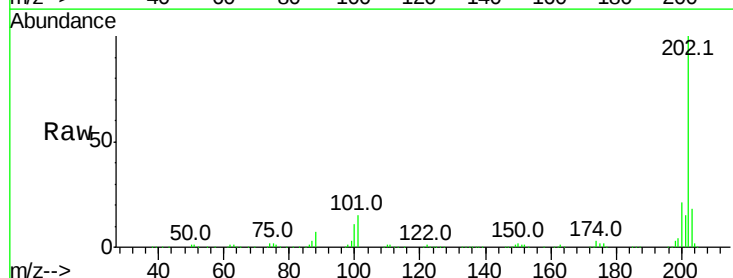
Manual Integrations
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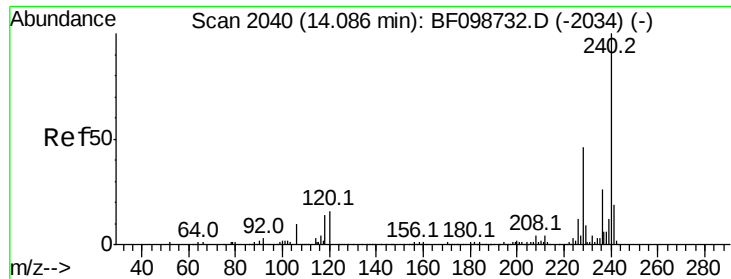
Sohil
10/17/2017 5:02:02 PM



#74
Fluoranthene
Concen: 41.193 ng
RT: 12.59 min Scan# 1785
Delta R.T. 0.00 min
Lab File: BF099552.D
Acq: 16 Oct 2017 19:03

Tgt Ion	Ratio	Resp	Lower	Upper
202	100			
101	14.6	0.0	34.1	
203	17.8	0.0	38.1	





#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.02 min Scan# 2028

Delta R.T. 0.00 min

Lab File: BF099552.D

Acq: 16 Oct 2017 19:03

Instrument :

BNA_F

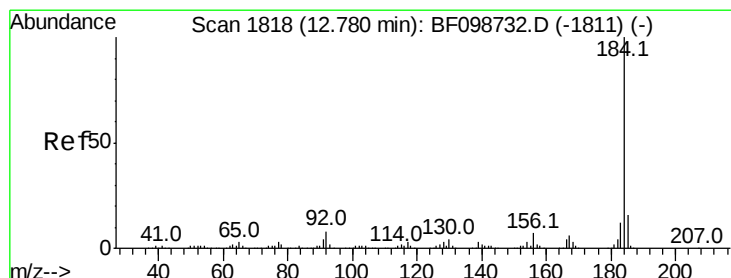
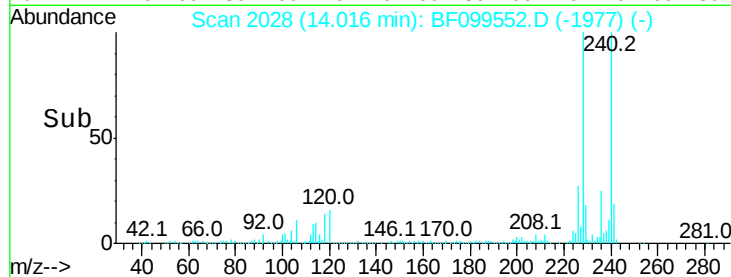
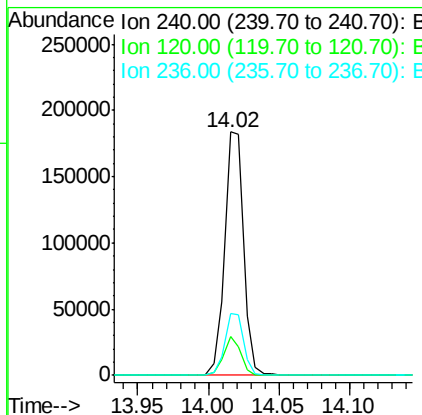
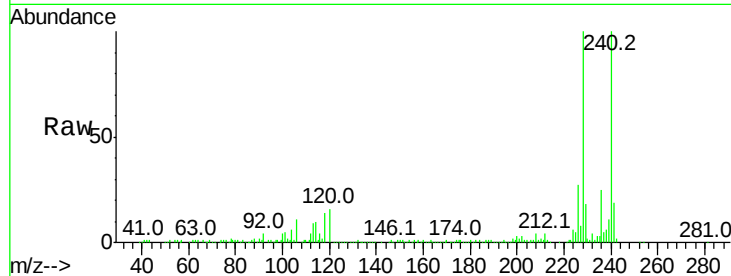
ClientSampled :

PB103252BS

Tot Ion	Ratio	Lower	Upper
240	100		
120	16.1	9.5	14.3
236	25.1	20.7	31.1

Manual Integrations
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Sohil
10/17/2017 5:02:02 PM



#76

Benzidine

Concen: 48.725 ng

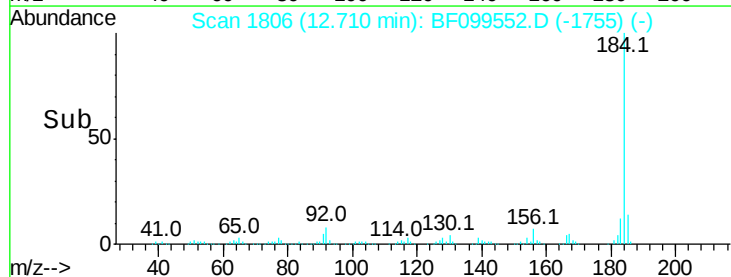
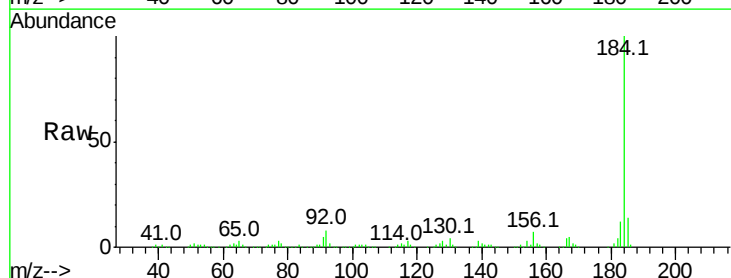
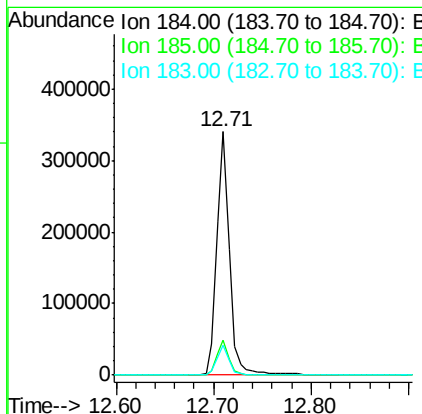
RT: 12.71 min Scan# 1806

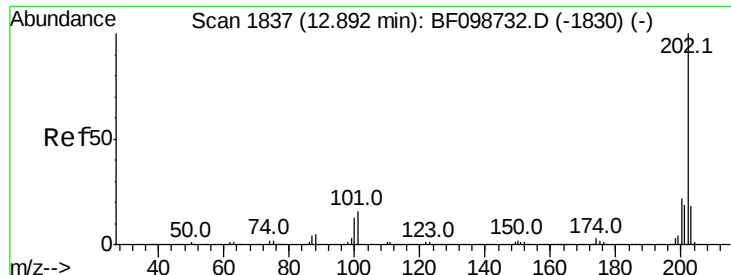
Delta R.T. 0.00 min

Lab File: BF099552.D

Acq: 16 Oct 2017 19:03

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





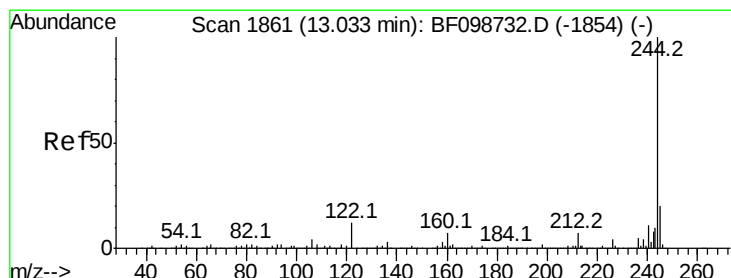
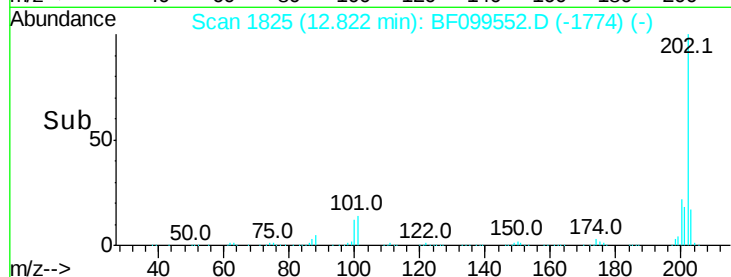
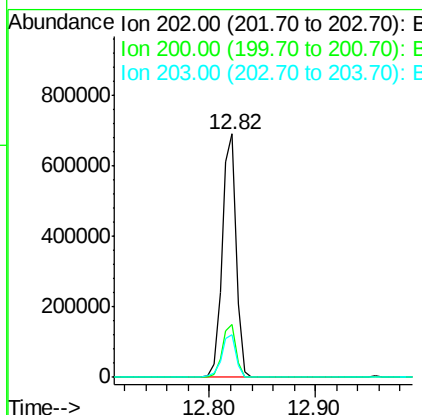
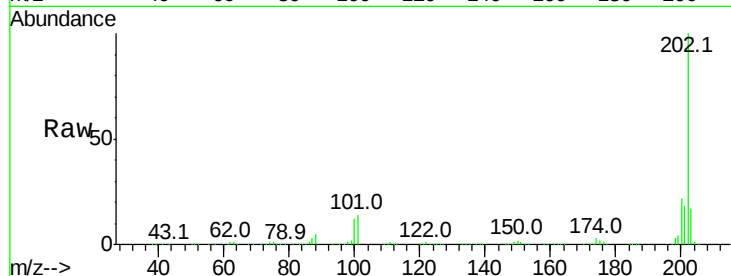
#77
Pvrene
Concen: 49.213 ng
RT: 12.82 min Scan# 1825
Delta R.T. 0.00 min
Lab File: BF099552.D
Acq: 16 Oct 2017 19:03

Instrument :
BNA_F
ClientSampleId :
PB103252BS

Tot Ion	Ratio	Resp Lower	Upper
202	100		
200	21.5	17.4	26.2
203	17.4	14.3	21.5

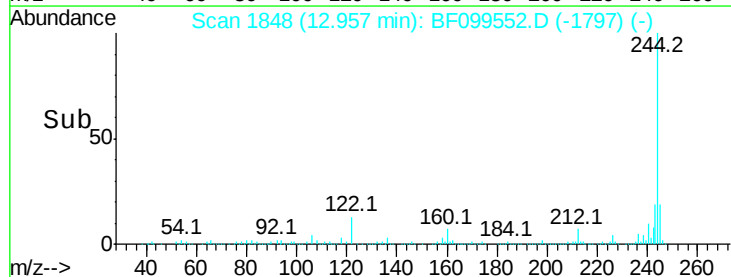
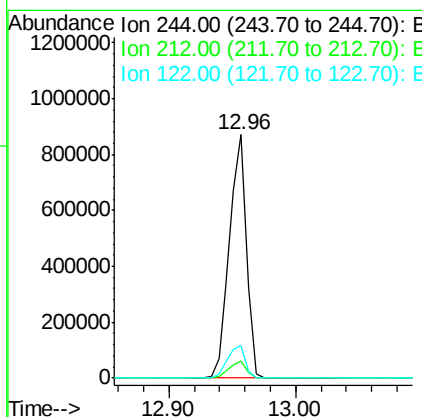
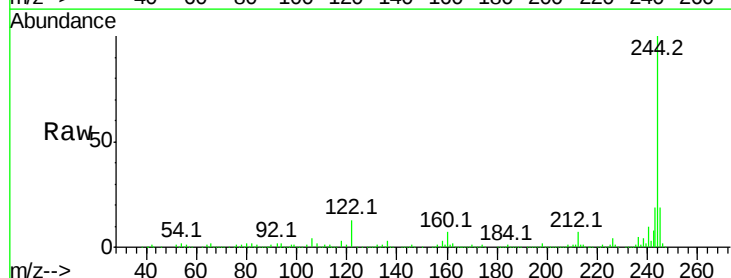
Manual Integrations
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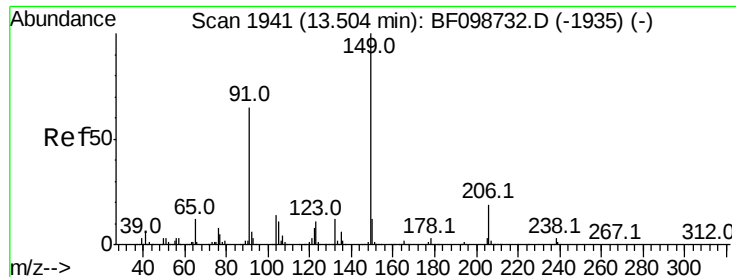
Sohil
10/17/2017 5:02:02 PM



#78
Terphenyl-d14
Concen: 107.380 ng
RT: 12.96 min Scan# 1848
Delta R.T. 0.00 min
Lab File: BF099552.D
Acq: 16 Oct 2017 19:03

Tgt Ion	Ratio	Resp Lower	Upper
244	100		
212	6.9	5.4	8.0
122	13.2	11.0	16.4





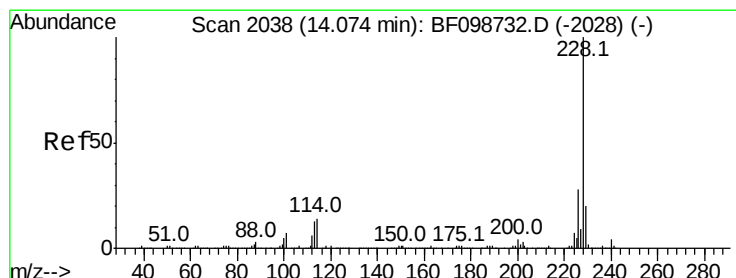
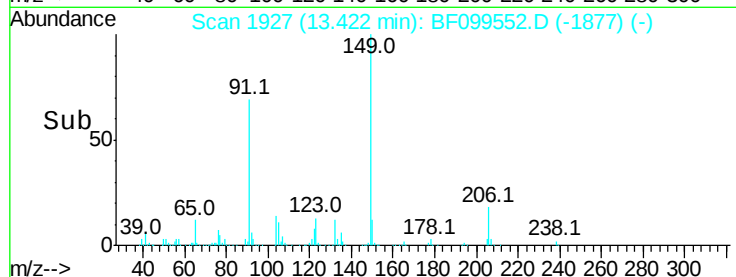
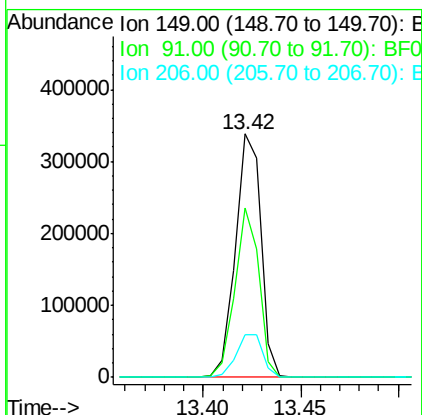
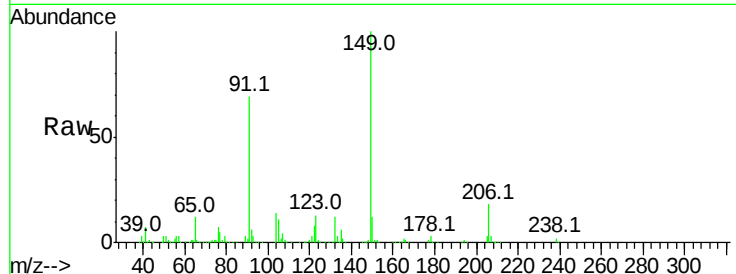
#79
Butylbenzylphthalate
Concen: 49.826 ng
RT: 13.42 min Scan# 1927
Delta R.T. -0.01 min
Lab File: BF099552.D
Acq: 16 Oct 2017 19:03

Instrument :
BNA_F
ClientSampleId :
PB103252BS

Tot Ion	Ratio	Resp	Lower	Upper
149	100	305681		
91	69.4	56.8	85.2	
206	17.6	14.1	21.1	

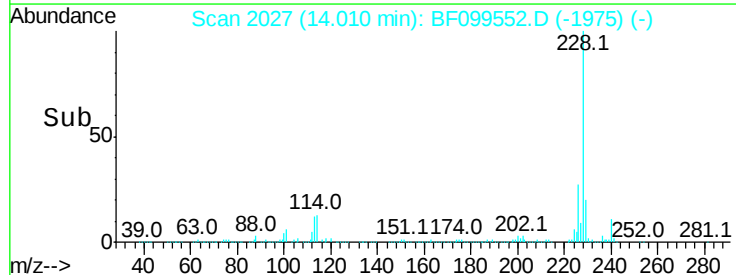
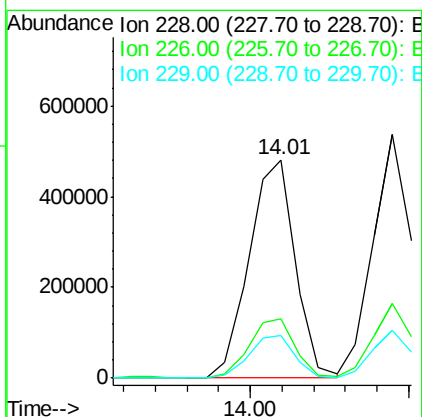
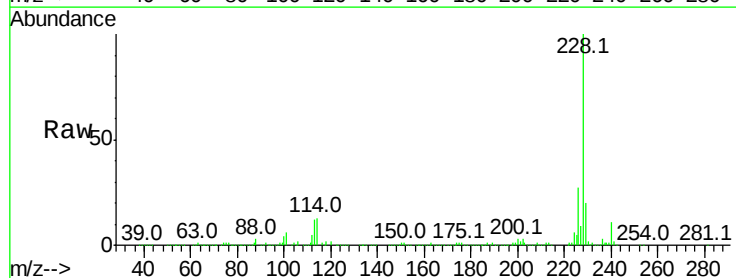
Manual Integrations
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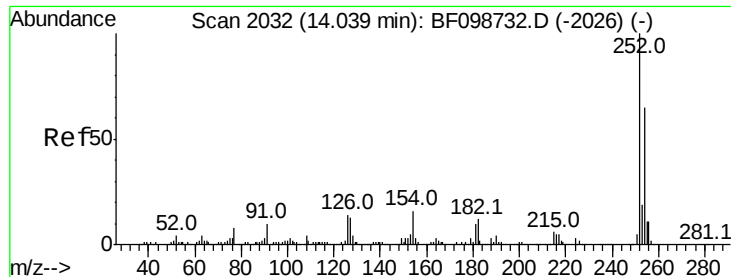
Sohil
10/17/2017 5:02:02 PM



#80
Benzo(a)anthracene
Concen: 46.740 ng
RT: 14.01 min Scan# 2027
Delta R.T. 0.01 min
Lab File: BF099552.D
Acq: 16 Oct 2017 19:03

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	484505		
226	27.3	22.6	33.8	
229	19.5	15.8	23.6	





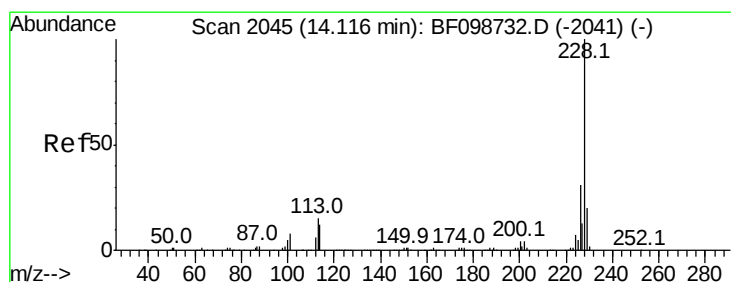
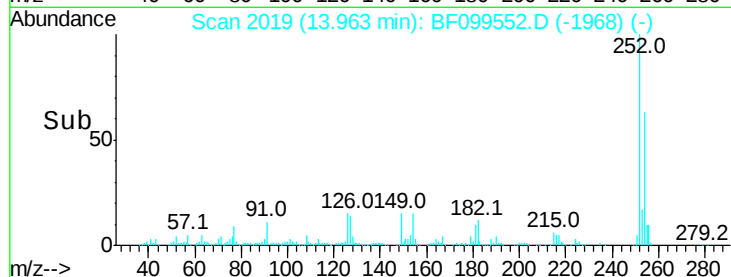
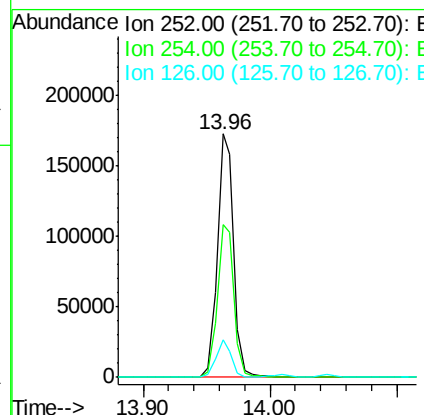
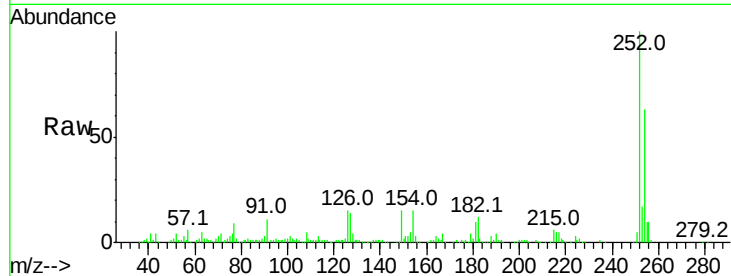
#81
 3,3'-Dichlorobenzidine
 Concen: 41.270 ng
 RT: 13.96 min Scan# 2019
 Delta R.T. 0.00 min
 Lab File: BF099552.D
 Acq: 16 Oct 2017 19:03

Instrument :
 BNA_F
 ClientSampleId :
 PB103252BS

Tot Ion	Ratio	Resp	Lower	Upper
252	100	156826		
254	62.7		50.4	75.6
126	15.3		11.3	16.9

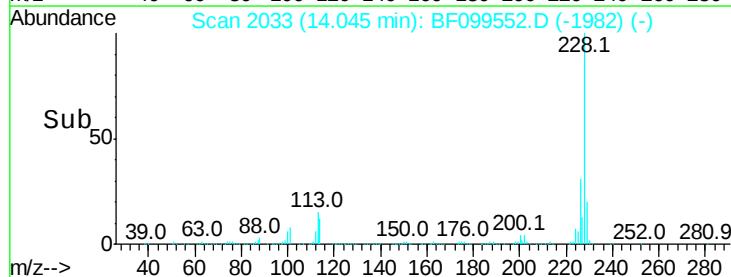
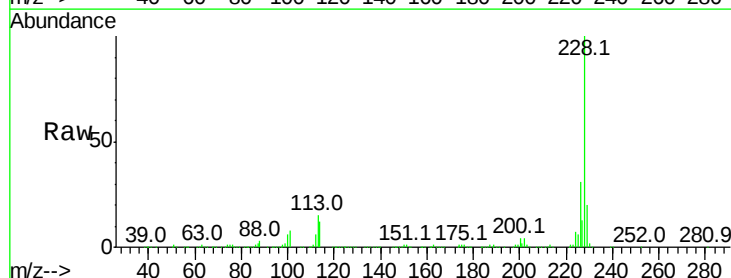
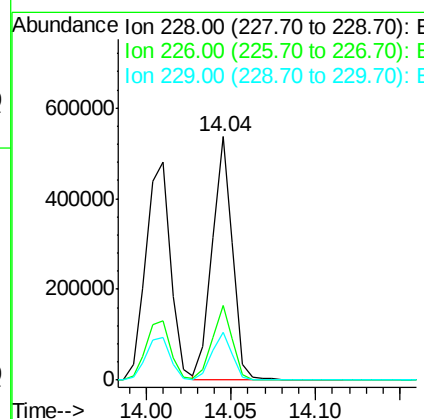
Manual Integrations
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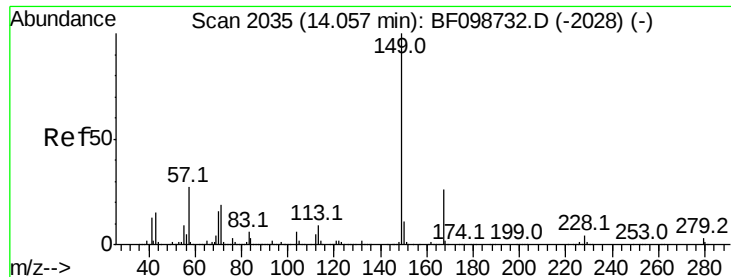
Sohil
 10/17/2017 5:02:02 PM



#82
 Chrysene
 Concen: 45.559 ng
 RT: 14.04 min Scan# 2033
 Delta R.T. 0.00 min
 Lab File: BF099552.D
 Acq: 16 Oct 2017 19:03

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	449612		
226	30.7		25.0	37.6
229	19.9		16.2	24.4





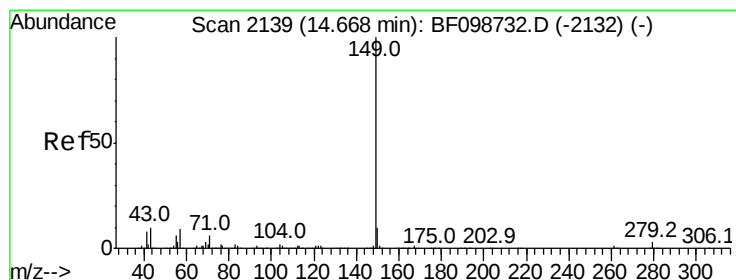
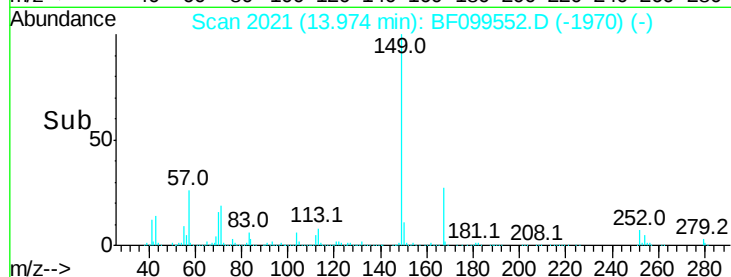
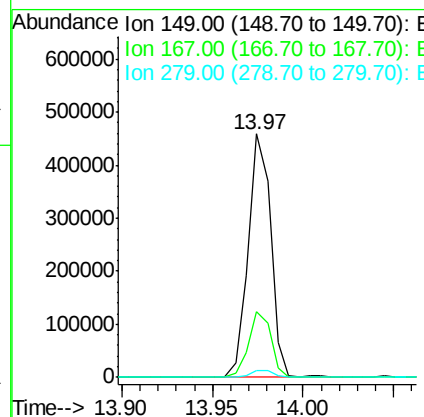
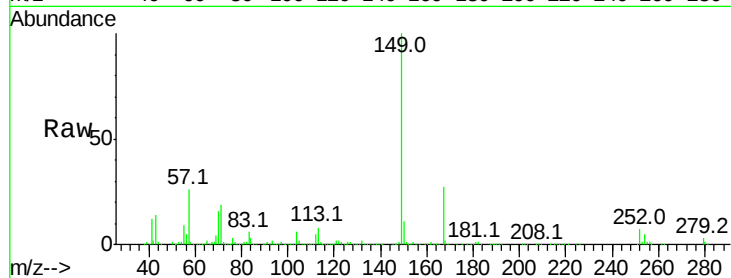
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 47.011 ng
 RT: 13.97 min Scan# 2021
 Delta R.T. 0.00 min
 Lab File: BF099552.D
 Acq: 16 Oct 2017 19:03

Instrument :
 BNA_F
 ClientSampleId :
 PB103252BS

Tot Ion	Ratio	Resp Lower	Resp Upper
149	100		
167	26.8	21.3	31.9
279	2.8	3.0	4.4#

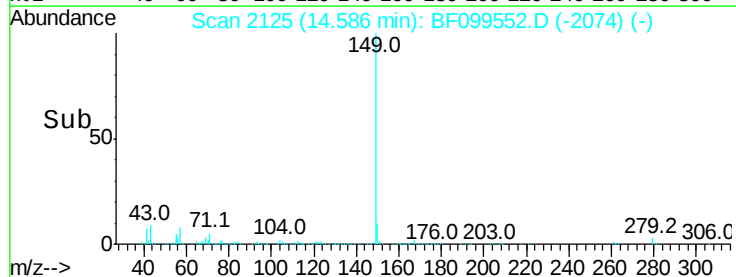
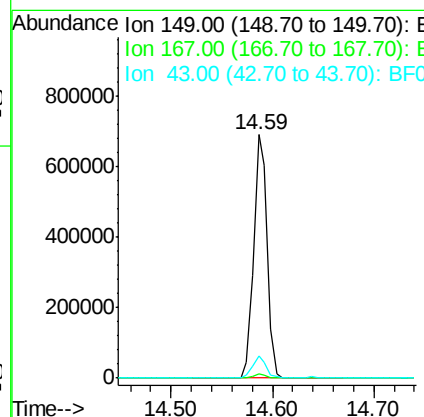
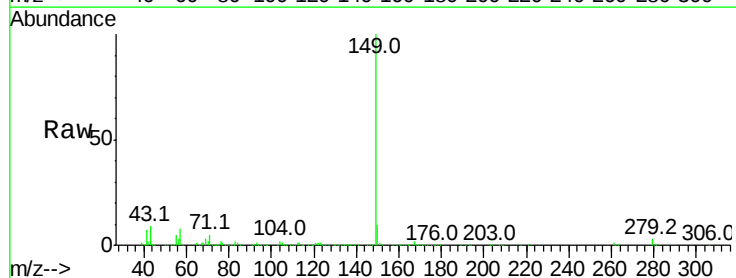
Manual Integrations
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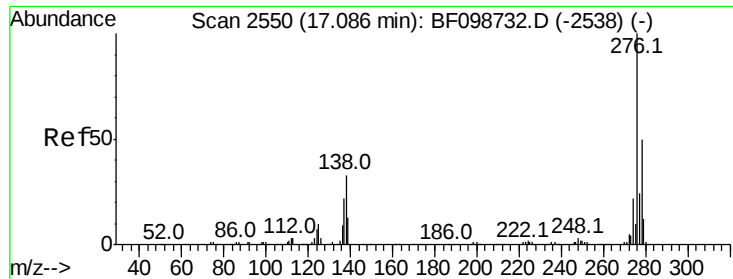
Sohil
 10/17/2017 5:02:02 PM



#84
 Di-n-octyl phthalate
 Concen: 46.684 ng
 RT: 14.59 min Scan# 2125
 Delta R.T. 0.00 min
 Lab File: BF099552.D
 Acq: 16 Oct 2017 19:03

Tgt Ion	Ratio	Resp Lower	Resp Upper
149	100		
167	1.6	1.2	1.8
43	8.2	8.4	12.6#





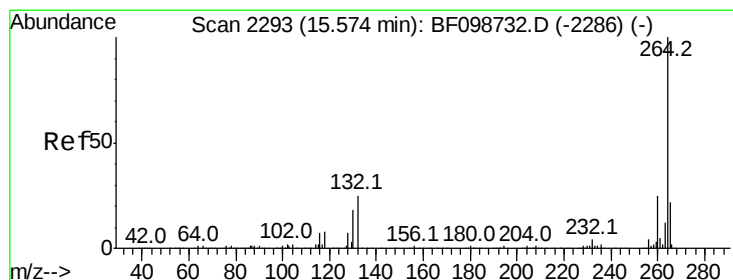
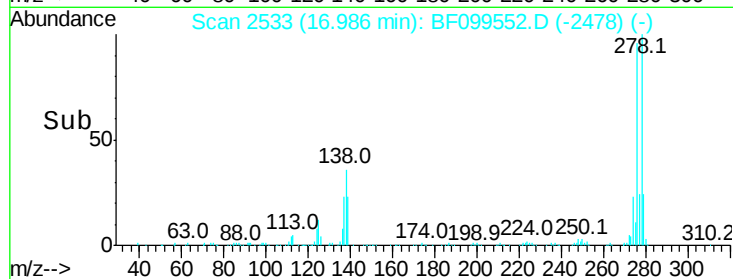
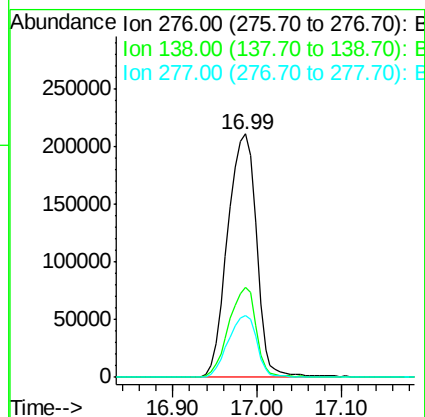
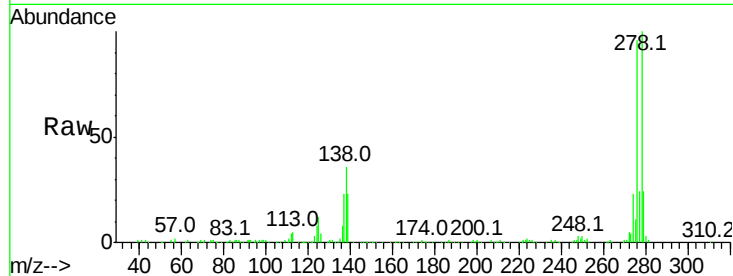
#85
Indeno(1,2,3-cd)pyrene
Concen: 63.061 ng
RT: 16.99 min Scan# 2533
Delta R.T. 0.02 min
Lab File: BF099552.D
Acq: 16 Oct 2017 19:03

Instrument :
BNA_F
ClientSampleId :
PB103252BS

Tot Ion	Ratio	Lower	Upper
276	100		
138	35.4	25.0	37.6
277	25.3	20.1	30.1

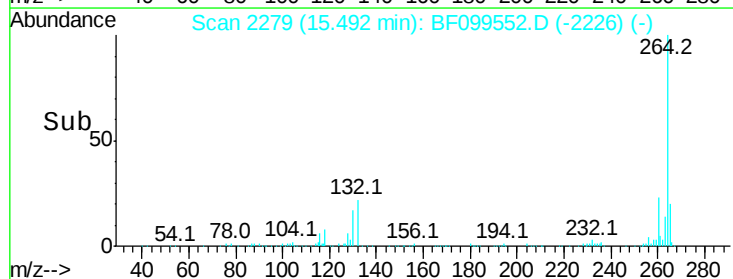
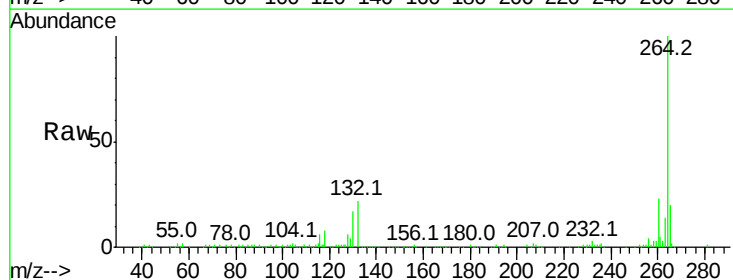
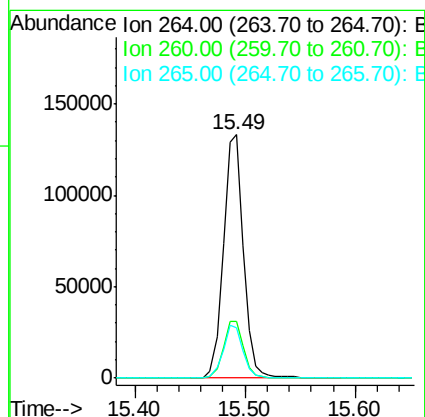
Manual Integrations
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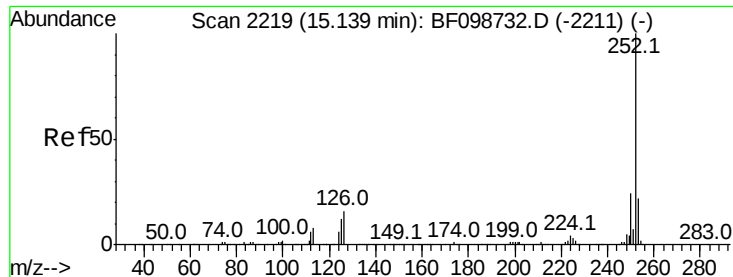
Sohil
10/17/2017 5:02:02 PM



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.49 min Scan# 2279
Delta R.T. 0.01 min
Lab File: BF099552.D
Acq: 16 Oct 2017 19:03

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.3	19.2	28.8
265	20.5	17.5	26.3





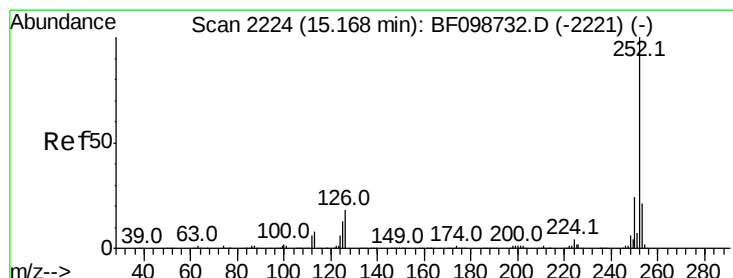
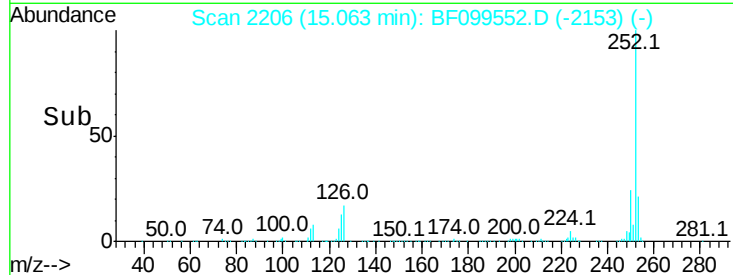
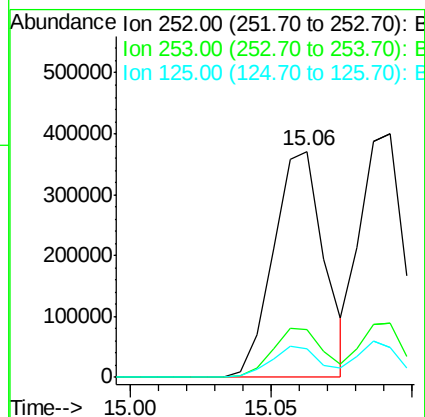
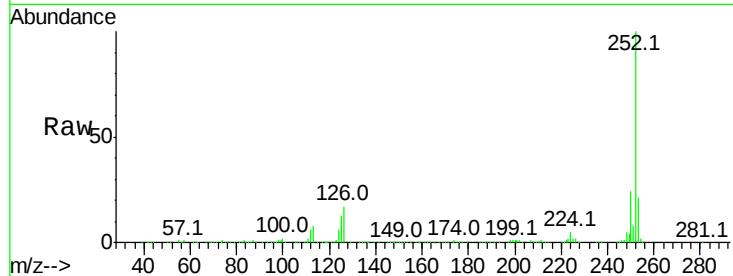
#87
Benzo(b)fluoranthene
Concen: 44.608 ng
RT: 15.06 min Scan# 2206
Delta R.T. 0.01 min
Lab File: BF099552.D
Acq: 16 Oct 2017 19:03

Instrument :
BNA_F
ClientSampled :
PB103252BS

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.2	17.0	25.6
125	12.7	9.0	13.6

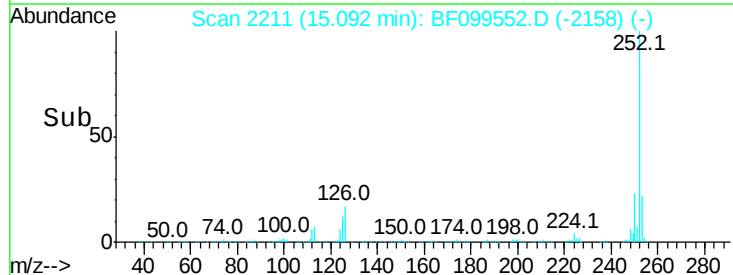
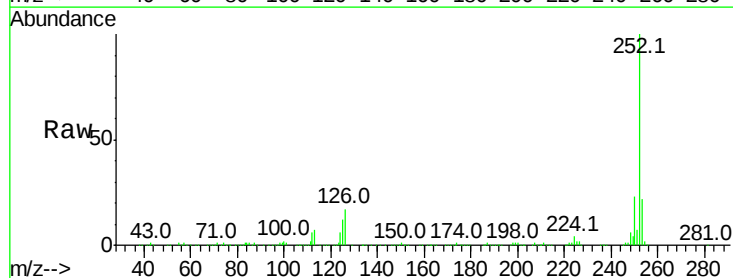
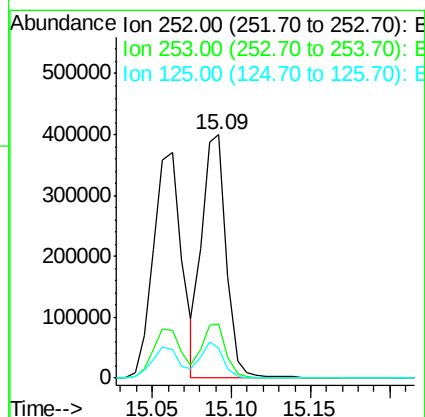
Manual Integrations
APPROVED

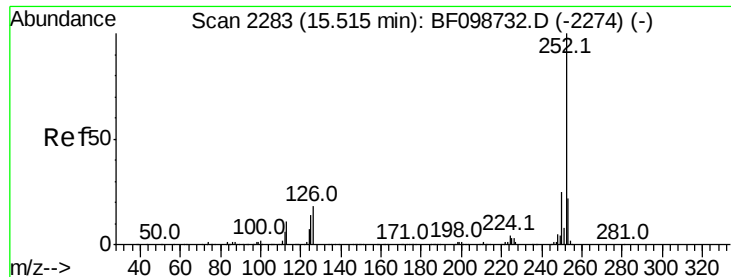
Sohil
10/17/2017 5:02:02 PM



#88
Benzo(k)fluoranthene
Concen: 41.802 ng
RT: 15.09 min Scan# 2211
Delta R.T. 0.01 min
Lab File: BF099552.D
Acq: 16 Oct 2017 19:03

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.1	17.9	26.9
125	12.1	10.2	15.2





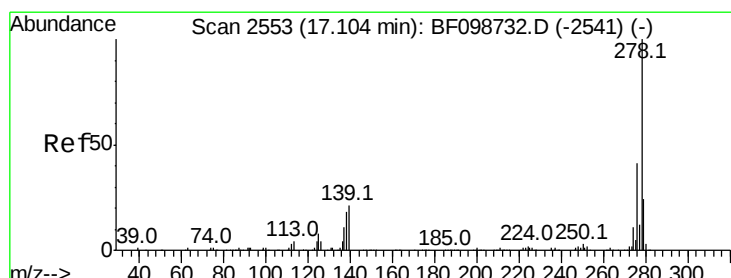
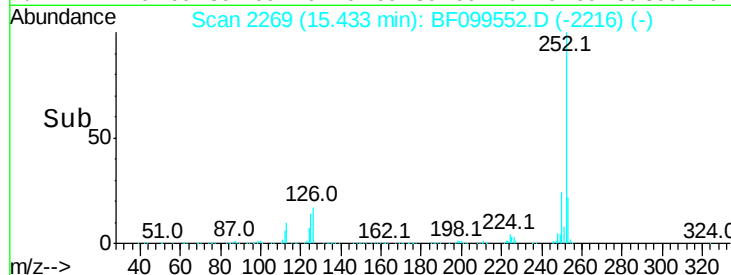
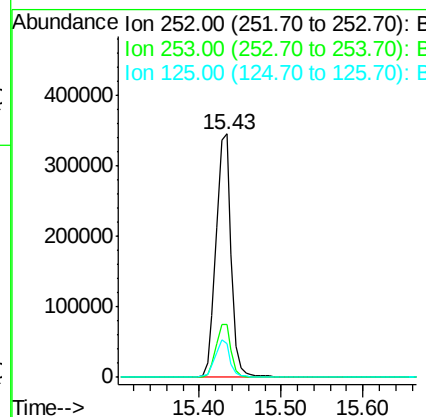
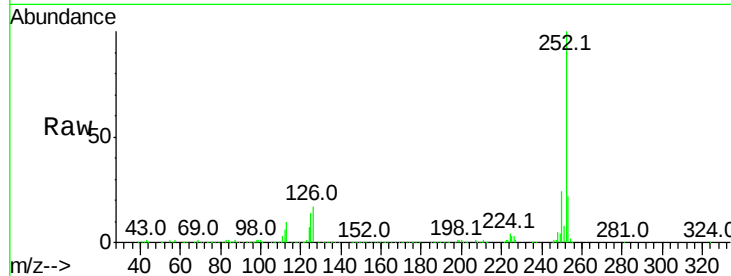
#89
Benzo(a)pyrene
Concen: 46.934 ng
RT: 15.43 min Scan# 2269
Delta R.T. 0.01 min
Lab File: BF099552.D
Acq: 16 Oct 2017 19:03

Instrument :
BNA_F
ClientSampleId :
PB103252BS

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.7	17.1	25.7
125	14.0	9.8	14.6

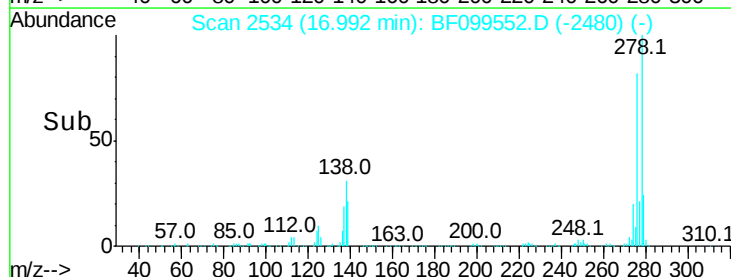
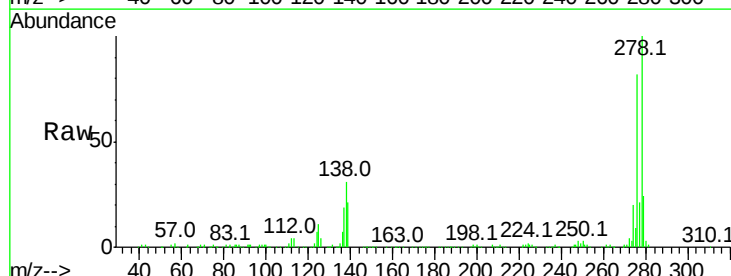
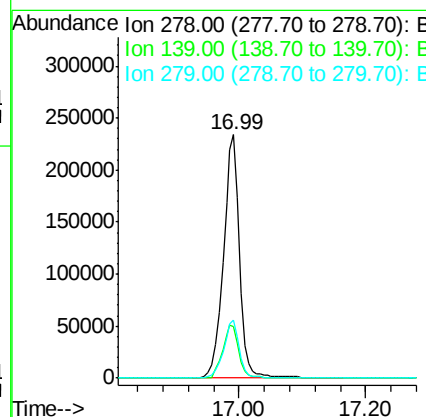
Manual Integrations
APPROVED

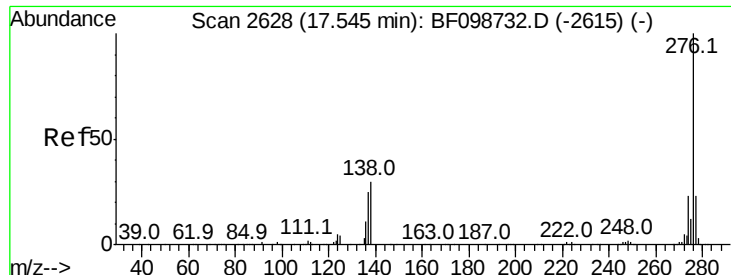
Sohil
10/17/2017 5:02:02 PM



#90
Dibenzo(a,h)anthracene
Concen: 55.074 ng
RT: 16.99 min Scan# 2534
Delta R.T. 0.02 min
Lab File: BF099552.D
Acq: 16 Oct 2017 19:03

Tgt Ion	Ratio	Lower	Upper
278	100		
139	21.4	15.9	23.9
279	23.8	19.0	28.4





#91
 Benzo(a,h,i)perylene
 Concen: 55.136 ng
 RT: 17.43 min Scan# 2609
 Delta R.T. 0.02 min
 Lab File: BF099552.D
 Acq: 16 Oct 2017 19:03

Instrument :
 BNA_F
 ClientSampleId :
 PB103252BS

Tot Ion	Ratio	Lower	Upper
276	100		
277	24.4	17.9	26.9
138	31.1	21.8	32.8

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Sohil
 10/17/2017 5:02:02 PM

