

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF101117\
 Data File : BF099382.D
 Acq On : 12 Oct 2017 9:35
 Operator : SJ/JU
 Sample : PB103152BS
 Misc :
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB103152BS

Manual Integrations
 APPROVED

Sohil
 10/14/2017 1:03:02 PM

Quant Time: Oct 13 16:44:18 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	105083	20.00	ng	0.00
21) Naphthalene-d8	8.13	136	428256	20.00	ng	0.00
38) Acenaphthene-d10	9.89	164	193224	20.00	ng	0.00
63) Phenanthrene-d10	11.37	188	316209	20.00	ng	0.00
75) Chrysene-d12	14.02	240	184678	20.00	ng	0.00
86) Perylene-d12	15.48	264	193638	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.49	112	548598	83.11	ng	0.02
7) Phenol-d6	6.49	99	655921	80.55	ng	0.00
23) Nitrobenzene-d5	7.42	82	563987	84.46	ng	0.00
41) 2,4,6-Tribromophenol	10.68	330	122677	77.59	ng	0.00
44) 2-Fluorobiphenyl	9.21	172	1046473	90.41	ng	0.00
78) Terphenyl-d14	12.96	244	761190	93.74	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.72	88	105320	33.400	ng	97
3) Pyridine	3.48	79	292406	34.279	ng	93
4) n-Nitrosodimethylamine	3.44	42	121951	33.714	ng	80
6) Aniline	6.52	93	317113	28.853	ng	98
8) 2-Chlorophenol	6.64	128	295860	39.577	ng	95
9) Benzaldehyde	6.40	77	100463	21.268	ng	97
10) Phenol	6.50	94	365973	40.185	ng	96
11) bis(2-Chloroethyl)ether	6.59	93	272570	38.498	ng	97
12) 1,3-Dichlorobenzene	6.79	146	314222	40.136	ng	96
13) 1,4-Dichlorobenzene	6.87	146	318495	39.985	ng	98
14) 1,2-Dichlorobenzene	7.02	146	292017	39.676	ng	99
15) Benzyl Alcohol	7.00	79	224250	37.538	ng	96
16) 2,2'-oxybis(1-Chloropropan	7.12	45	378503	34.314	ng	93
17) 2-Methylphenol	7.11	107	241167	39.428	ng	100
18) Hexachloroethane	7.36	117	106653	37.251	ng	98
19) n-Nitroso-di-n-propylamine	7.27	70	182620	35.125	ng	92
20) 3+4-Methylphenols	7.26	107	287435	37.146	ng	# 74
22) Acetophenone	7.26	105	384233	37.031	ng	# 96
24) Nitrobenzene	7.44	77	286497	37.820	ng	93
25) Isophorone	7.67	82	528831	38.303	ng	98
26) 2-Nitrophenol	7.75	139	154330	42.366	ng	91
27) 2,4-Dimethylphenol	7.79	122	255613	37.156	ng	100
28) bis(2-Chloroethoxy)methane	7.88	93	338742	39.370	ng	99
29) 2,4-Dichlorophenol	7.99	162	241859	40.948	ng	99
30) 1,2,4-Trichlorobenzene	8.07	180	247729	41.935	ng	100
31) Naphthalene	8.16	128	822525	40.894	ng	99
32) Benzoic acid	7.90	122	107147	18.961	ng	93
33) 4-Chloroaniline	8.20	127	194392	23.144	ng	97
34) Hexachlorobutadiene	8.27	225	120479	39.596	ng	100
35) Caprolactam	8.59	113	79888m	42.165	ng	
36) 4-Chloro-3-methylphenol	8.69	107	248441	37.422	ng	94
37) 2-Methylnaphthalene	8.85	142	565678	43.263	ng	99
39) 1,2,4,5-Tetrachlorobenzene	9.02	216	221163	38.380	ng	98
40) Hexachlorocyclopentadiene	9.00	237	83330	31.643	ng	97

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Manual Integrations
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Quant Time: Oct 13 16:44:18 2017
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 QLast Update : Wed Oct 11 16:25:21 2017
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

42) 2,4,6-Trichlorophenol	9.13	196	153475	37.595	nq	100
43) 2,4,5-Trichlorophenol	9.17	196	159815	39.217	nq	# 93
45) 1,1'-Biphenyl	9.31	154	654161	39.392	nq	99
46) 2-Chloronaphthalene	9.34	162	510873	40.973	nq	97
47) 2-Nitroaniline	9.44	65	147718	38.691	nq	89
48) Acenaphthylene	9.75	152	771521	40.421	nq	100
49) Dimethylphthalate	9.61	163	598215	41.020	nq	99
50) 2,6-Dinitrotoluene	9.68	165	132691	41.793	nq	# 81
51) Acenaphthene	9.93	154	451151	37.314	nq	98
52) 3-Nitroaniline	9.85	138	116041	31.346	nq	87
53) 2,4-Dinitrophenol	9.96	184	17608	15.704	nq	90
54) Dibenzofuran	10.10	168	676991	42.053	nq	99
55) 4-Nitrophenol	10.02	139	165555	52.888	nq	88
56) 2,4-Dinitrotoluene	10.09	165	168616	40.922	nq	90
57) Fluorene	10.44	166	526975	40.727	nq	99
58) 2,3,4,6-Tetrachlorophenol	10.22	232	109545	38.913	nq	95
59) Diethylphthalate	10.31	149	564586	39.620	nq	97
60) 4-Chlorophenyl-phenylether	10.43	204	238022	40.951	nq	98
61) 4-Nitroaniline	10.46	138	137501	38.499	nq	90
62) Azobenzene	10.59	77	510247	38.942	nq	96
64) 4,6-Dinitro-2-methylphenol	10.49	198	19108	9.932	nq	92
65) n-Nitrosodiphenylamine	10.55	169	471146	43.010	nq	100
66) 4-Bromophenyl-phenylether	10.92	248	137025	44.271	nq	97
67) Hexachlorobenzene	10.99	284	135710	41.052	nq	95
68) Atrazine	11.07	200	143235	43.459	nq	99
69) Pentachlorophenol	11.19	266	101534	49.351	nq	99
70) Phenanthrene	11.40	178	711838	42.056	nq	98
71) Anthracene	11.46	178	728834	42.085	nq	99
72) Carbazole	11.61	167	650549	38.359	nq	99
73) Di-n-butylphthalate	11.93	149	845580	41.423	nq	99
74) Fluoranthene	12.59	202	630448	36.784	nq	97
76) Benzidine	12.71	184	298164	43.651	nq	97
77) Pyrene	12.82	202	619682	44.004	nq	98
79) Butylbenzylphthalate	13.43	149	288532	43.595	nq	91
80) Benzo(a)anthracene	14.00	228	474654	42.445	nq	99
81) 3,3'-Dichlorobenzidine	13.96	252	155678	37.975	nq	99
82) Chrysene	14.04	228	453062	42.555	nq	98
83) Bis(2-ethylhexyl)phthalate	13.98	149	376618	41.327	nq	100
84) Di-n-octyl phthalate	14.59	149	595035	40.550	nq	95
85) Indeno(1,2,3-cd)pyrene	16.97	276	474810	55.752	nq	96
87) Benzo(b)fluoranthene	15.06	252	480938	40.396	nq	99
88) Benzo(k)fluoranthene	15.09	252	451223	38.372	nq	98
89) Benzo(a)pyrene	15.42	252	466557	42.692	nq	# 97
90) Dibenzo(a,h)anthracene	16.98	278	397138	45.408	nq	97
91) Benzo(g,h,i)perylene	17.42	276	385537	44.595	nq	96

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

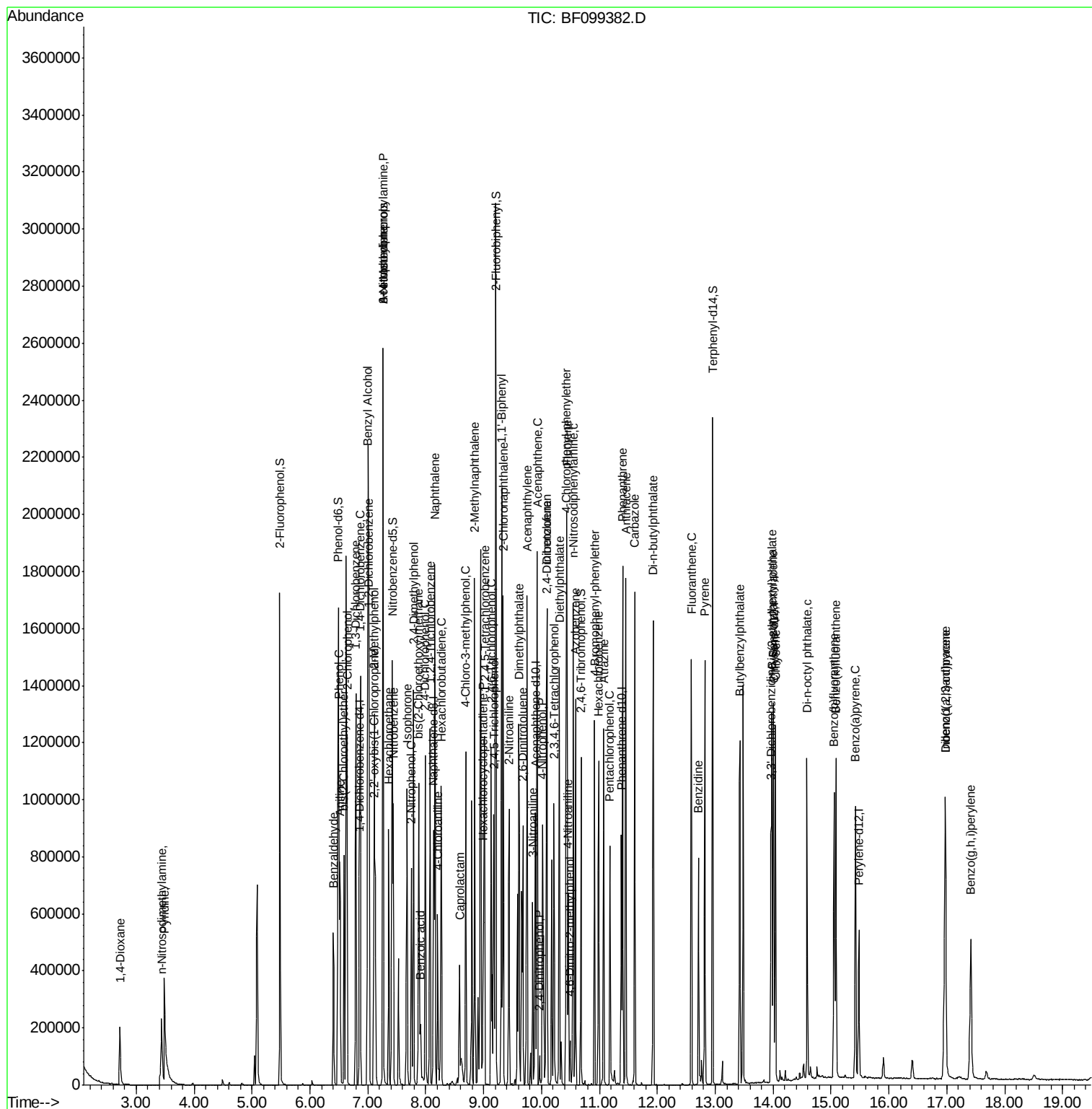
Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF101117\
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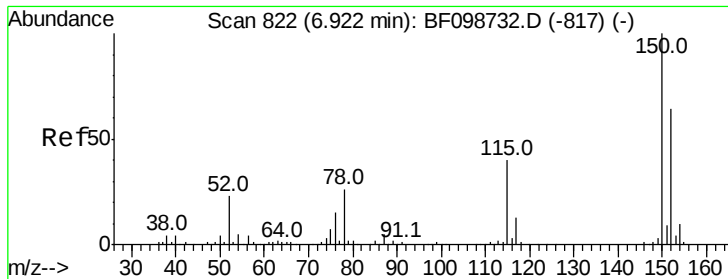
Instrument :
BNA_F
ClientSampleID :
PB103152BS

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#1

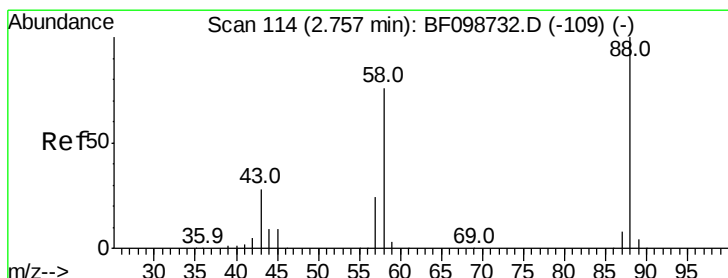
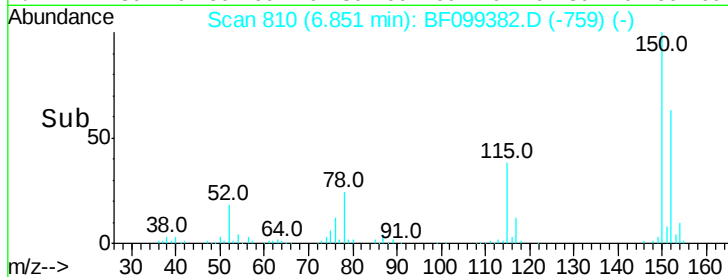
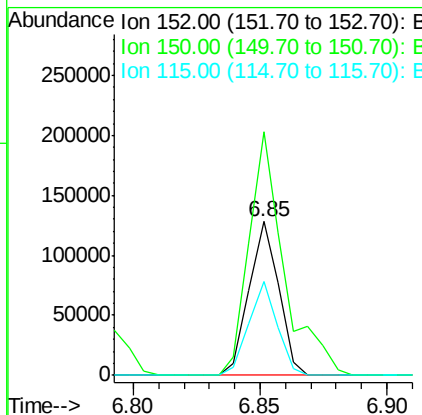
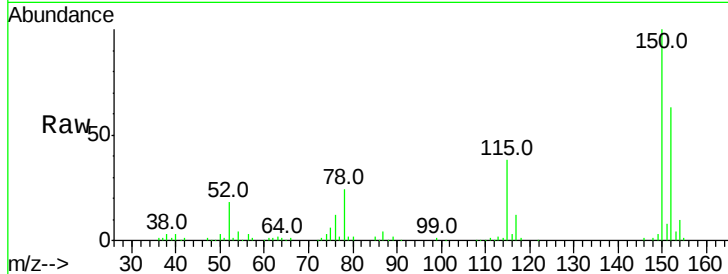
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.85 min Scan# 810
Delta R.T. 0.00 min
Lab File: BF099382.D
Acq: 12 Oct 2017 9:35

Instrument :
BNA_F
ClientSampleId :
PB103152BS

Tot Ion	Ratio	Lower	Upper
152	100		
150	158.6	124.6	186.8
115	61.0	50.1	75.1

Manual Integrations
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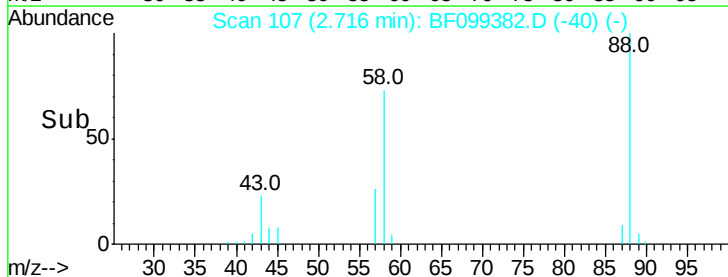
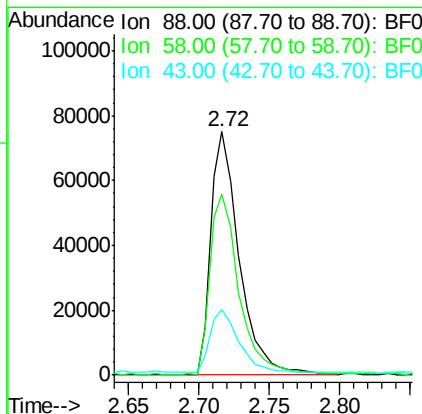
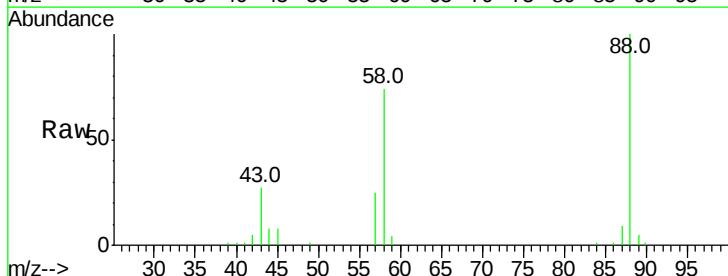
Sohil
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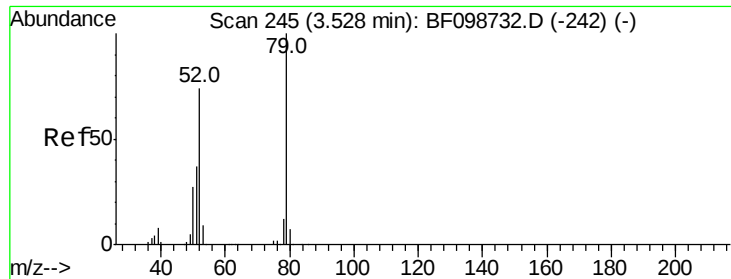


#2

1,4-Dioxane
Concen: 33.400 ng
RT: 2.72 min Scan# 107
Delta R.T. 0.09 min
Lab File: BF099382.D
Acq: 12 Oct 2017 9:35

Tgt Ion	Ratio	Lower	Upper
88	100		
58	77.8	62.6	93.8
43	25.9	24.6	37.0





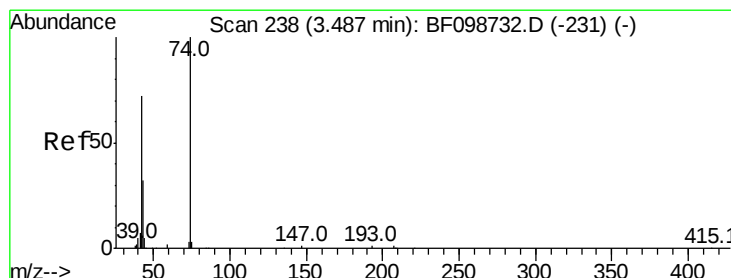
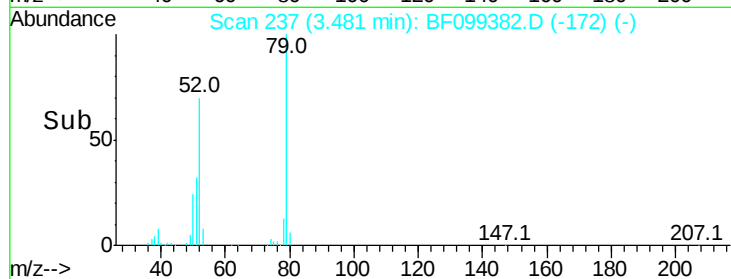
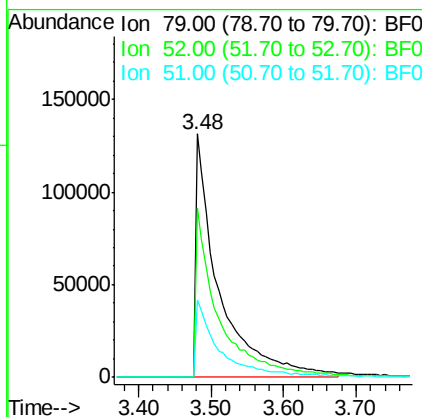
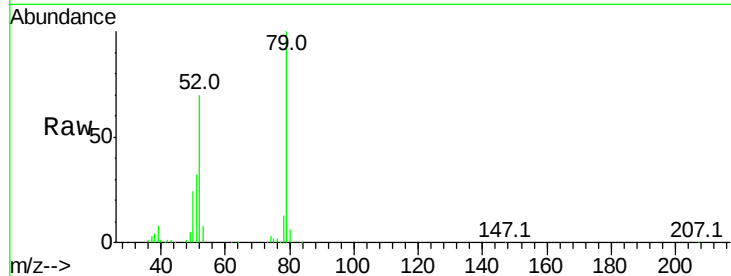
#3
 Pvridine
 Concen: 34.279 ng
 RT: 3.48 min Scan# 237
 Delta R.T. 0.08 min
 Lab File: BF099382.D
 Acq: 12 Oct 2017 9:35

Instrument :
 BNA_F
 ClientSampleId :
 PB103152BS

Tot Ion	Ratio	Lower	Upper
79	100		
52	69.8	59.8	89.6
51	31.9	29.8	44.8

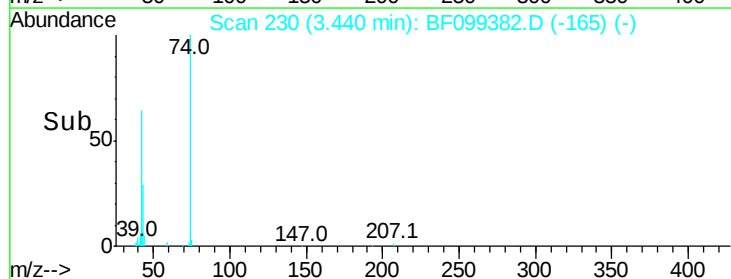
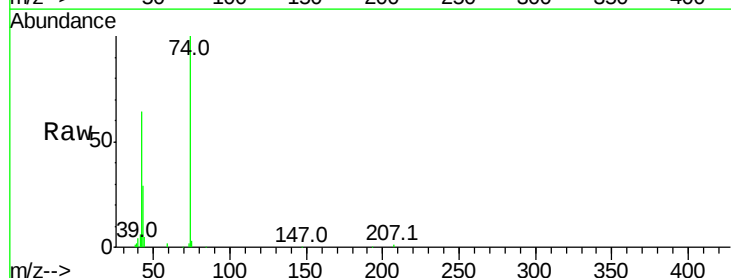
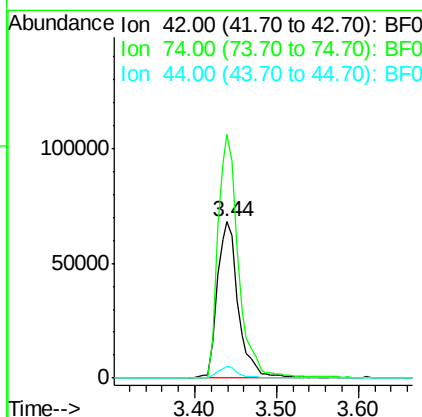
Manual Integrations
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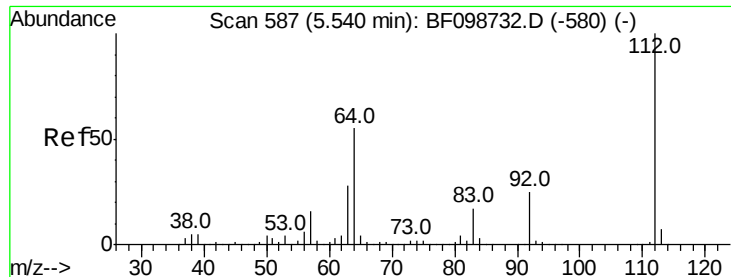
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#4
 n-Nitrosodimethylamine
 Concen: 33.714 ng
 RT: 3.44 min Scan# 230
 Delta R.T. 0.08 min
 Lab File: BF099382.D
 Acq: 12 Oct 2017 9:35

Tgt Ion	Ratio	Lower	Upper
42	100		
74	156.0	104.9	157.3
44	7.5	6.9	10.3





#5

2-Fluorophenol

Concen: 83.107 ng

RT: 5.49 min Scan# 578

Delta R.T. 0.02 min

Lab File: BF099382.D

Acq: 12 Oct 2017 9:35

Instrument :

BNA_F

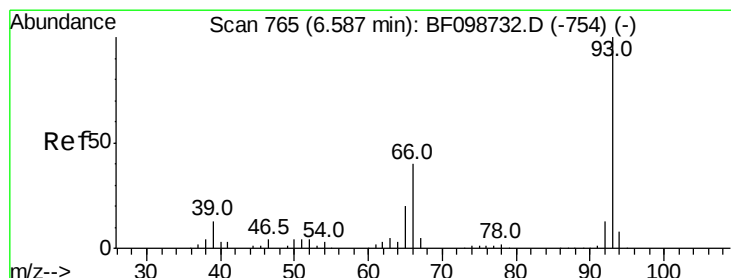
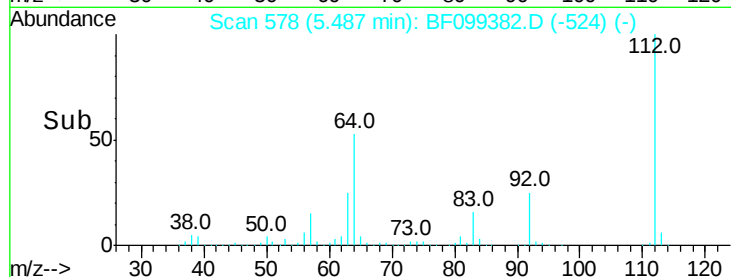
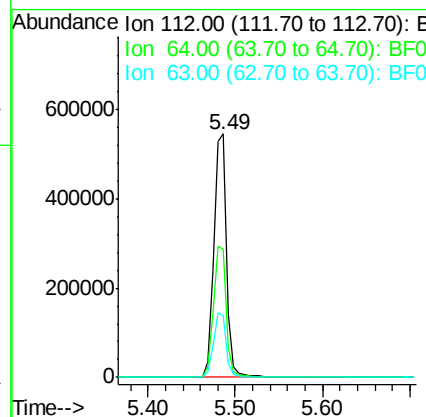
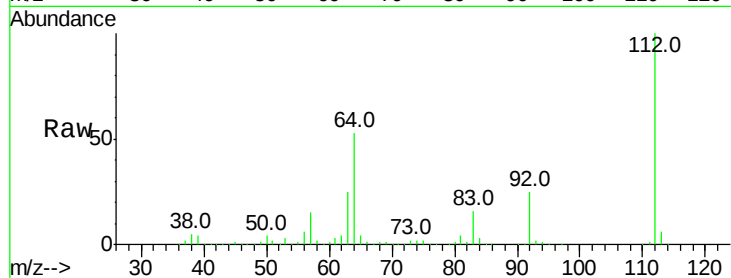
ClientSampleId :

PB103152BS

Tot Ion:	112	Resp:	548598
Ion Ratio	Lower	Upper	
112	100		
64	52.5	47.9	71.9
63	25.5	23.7	35.5

Manual Integrations
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#6

Aniline

Concen: 28.853 ng

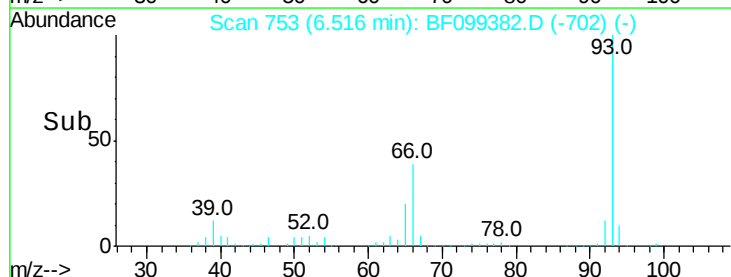
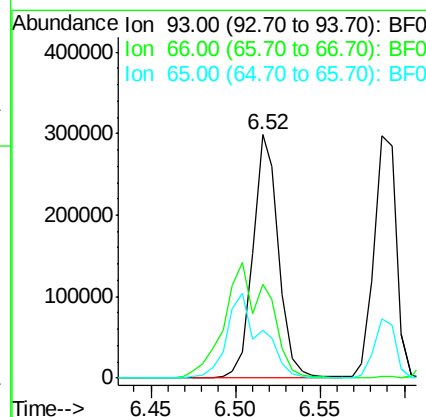
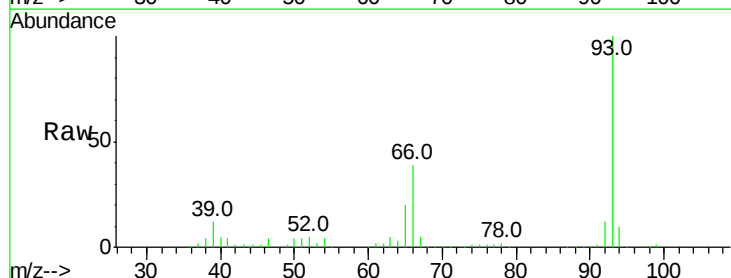
RT: 6.52 min Scan# 753

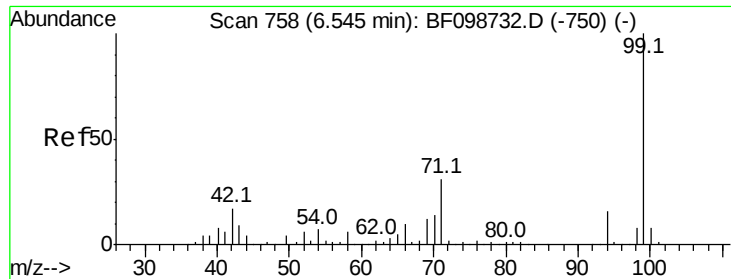
Delta R.T. 0.00 min

Lab File: BF099382.D

Acq: 12 Oct 2017 9:35

Tgt Ion:	93	Resp:	317113
Ion Ratio	Lower	Upper	
93	100		
66	38.6	32.2	48.2
65	19.9	16.4	24.6





#7

Phenol-d6

Concen: 80.548 ng

RT: 6.49 min Scan# 748

Delta R.T. 0.00 min

Lab File: BF099382.D

Acq: 12 Oct 2017 9:35

Instrument :

BNA_F

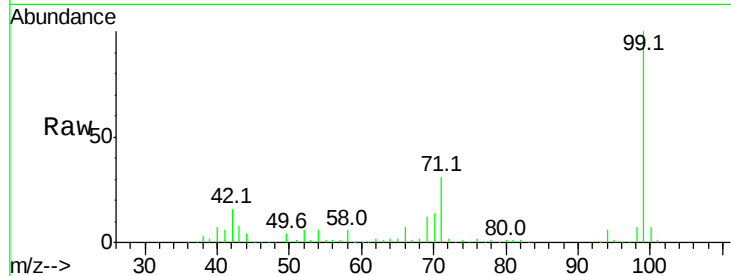
ClientSampleId :

PB103152BS

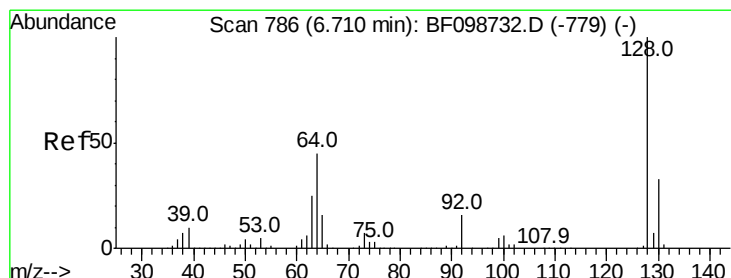
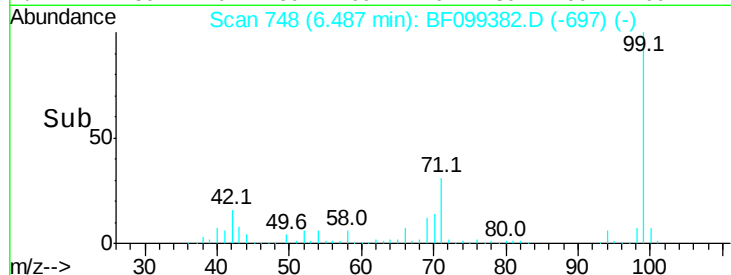
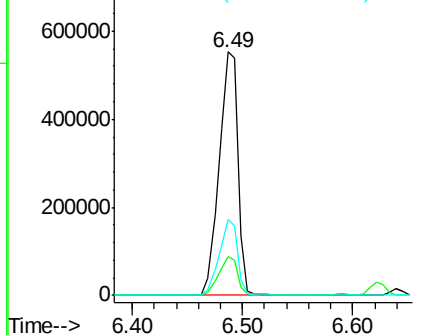
Tot Ion:	99	Resp:	655921
Ion Ratio	Lower	Upper	
99	100		
42	16.1	14.5	21.7
71	31.1	25.4	38.0

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: 39.577 ng

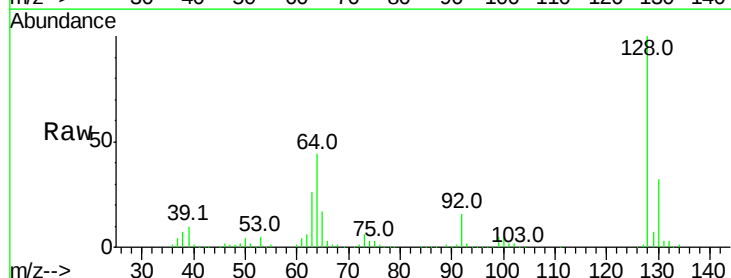
RT: 6.64 min Scan# 774

Delta R.T. 0.00 min

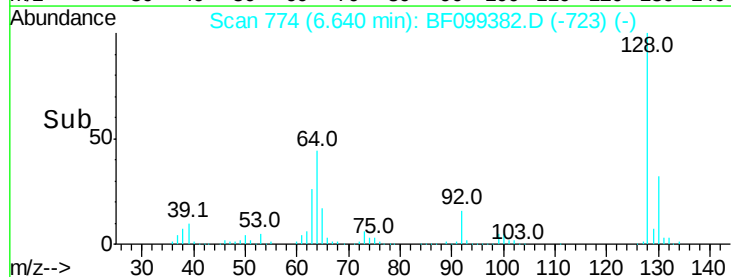
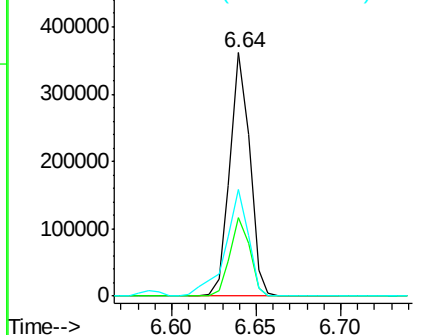
Lab File: BF099382.D

Acq: 12 Oct 2017 9:35

Tgt Ion:	128	Resp:	295860
Ion Ratio	Lower	Upper	
128	100		
130	32.5	13.0	53.0
64	44.0	29.4	69.4



Abundance Ion 128.00 (127.70 to 128.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 64.00 (63.70 to 64.70): BF0





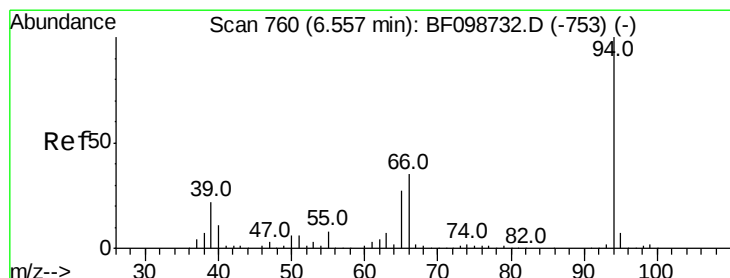
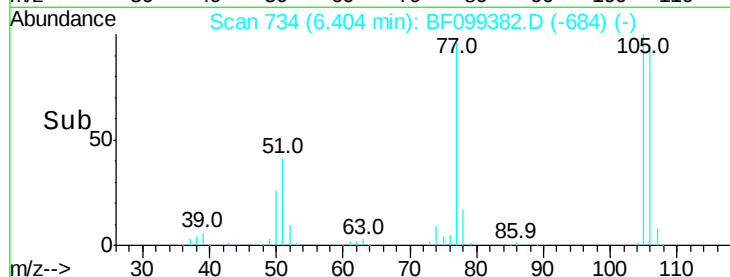
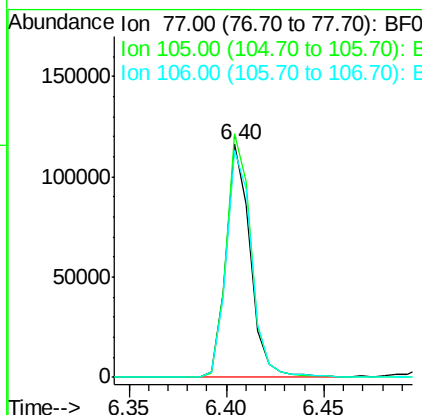
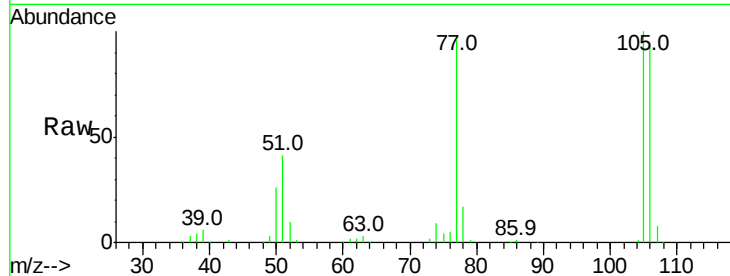
#9
Benzaldehyde
Concen: 21.268 ng
RT: 6.40 min Scan# 734
Delta R.T. -0.01 min
Lab File: BF099382.D
Acq: 12 Oct 2017 9:35

Instrument :
BNA_F
ClientSampleId :
PB103152BS

Tot Ion: 77 Resp: 100463
Ion Ratio Lower Upper
77 100
105 104.6 81.1 121.1
106 97.7 74.5 114.5

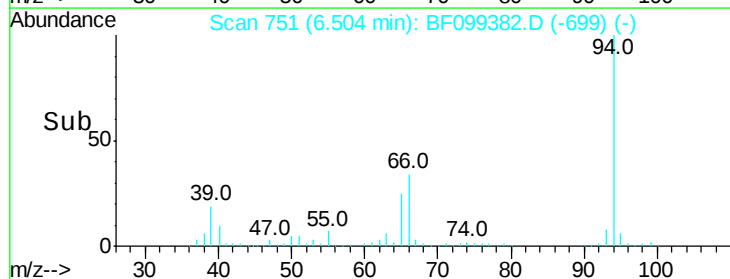
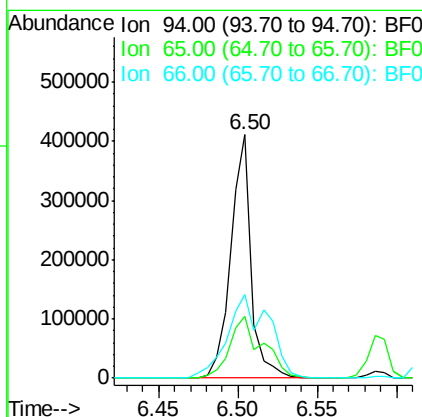
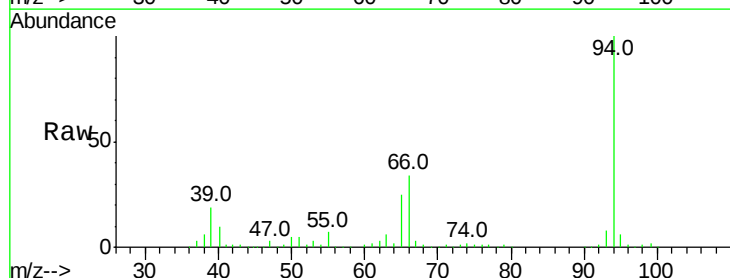
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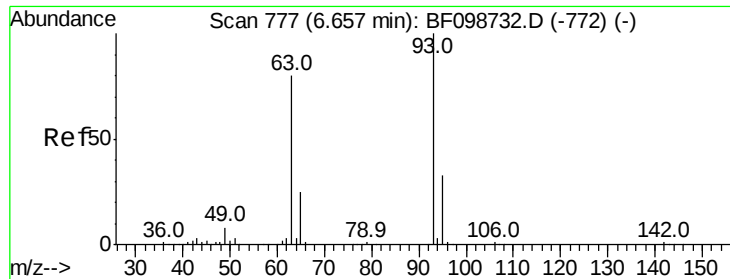
Sohil
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#10
Phenol
Concen: 40.185 ng
RT: 6.50 min Scan# 751
Delta R.T. 0.01 min
Lab File: BF099382.D
Acq: 12 Oct 2017 9:35

Tgt Ion: 94 Resp: 365973
Ion Ratio Lower Upper
94 100
65 25.4 7.9 47.9
66 34.4 16.2 56.2





#11

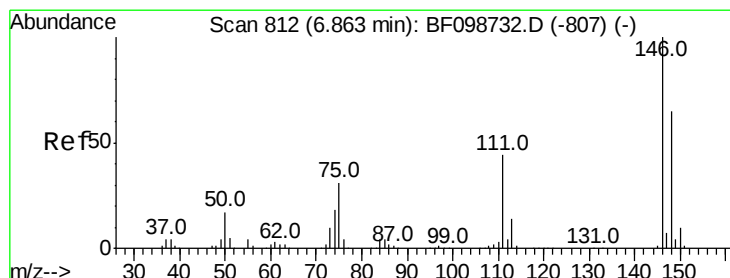
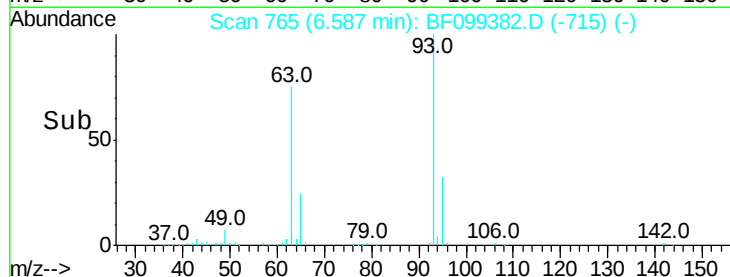
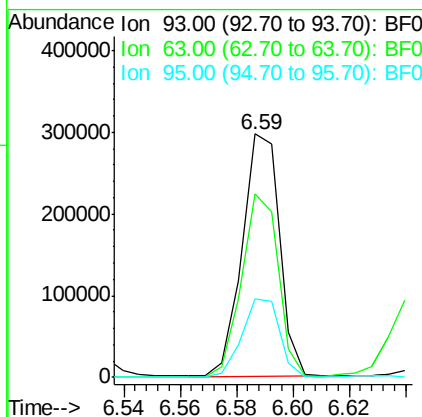
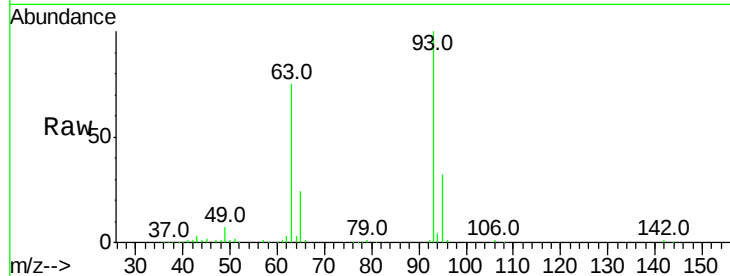
bis(2-Chloroethyl)ether
Concen: 38.498 ng
RT: 6.59 min Scan# 765
Delta R.T. -0.01 min
Lab File: BF099382.D
Acq: 12 Oct 2017 9:35

Instrument :
BNA_F
ClientSampleId :
PB103152BS

Tot Ion	Ratio	Lower	Upper
93	100		
63	75.4	58.6	98.6
95	32.2	11.8	51.8

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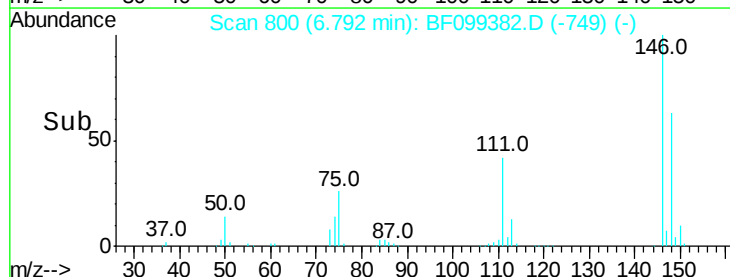
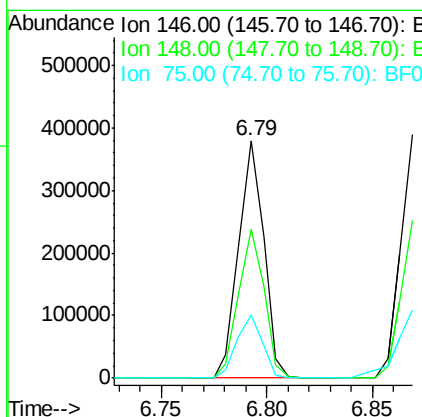
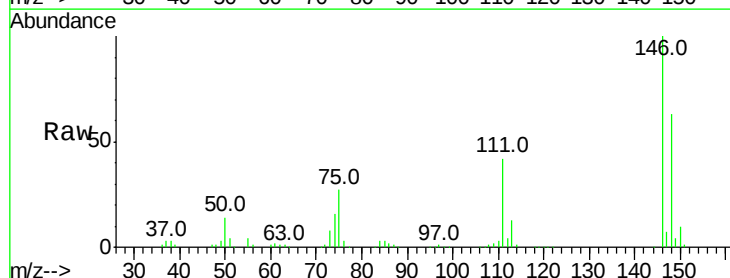
Sohil
10/14/2017 1:03:02 PM

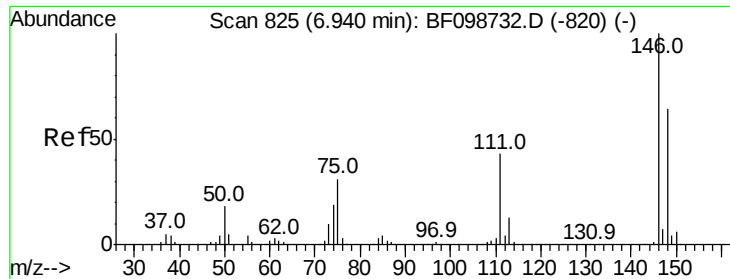


#12

1,3-Dichlorobenzene
Concen: 40.136 ng
RT: 6.79 min Scan# 800
Delta R.T. 0.00 min
Lab File: BF099382.D
Acq: 12 Oct 2017 9:35

Tgt Ion	Ratio	Lower	Upper
146	100		
148	62.7	51.8	77.8
75	26.8	24.2	36.4





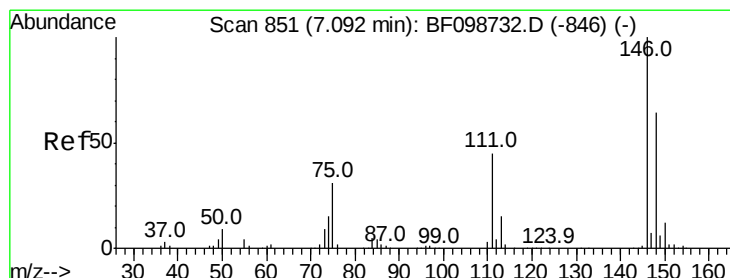
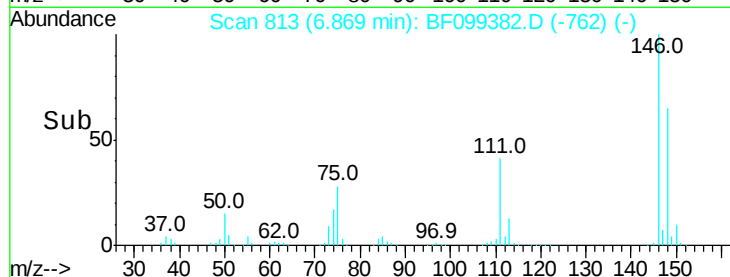
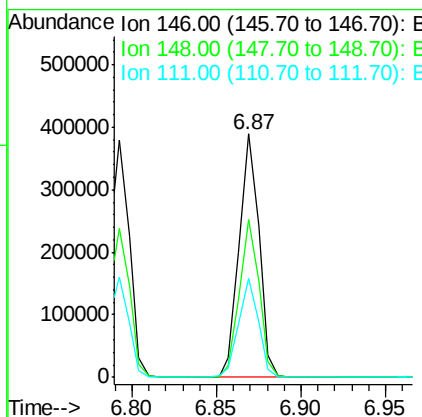
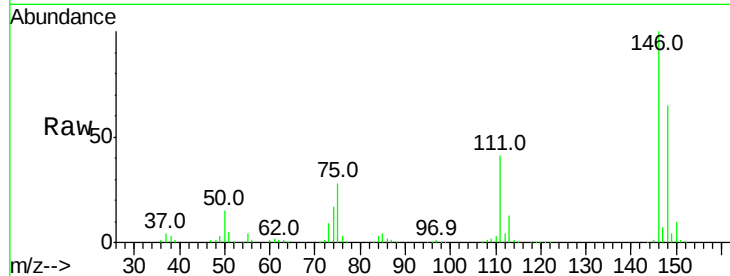
#13
 1,4-Dichlorobenzene
 Concen: 39.985 ng
 RT: 6.87 min Scan# 813
 Delta R.T. 0.00 min
 Lab File: BF099382.D
 Acq: 12 Oct 2017 9:35

Instrument :
 BNA_F
 ClientSampleID :
 PB103152BS

Tot Ion	Ratio	Lower	Upper
146	100		
148	64.6	50.8	76.2
111	40.8	34.2	51.2

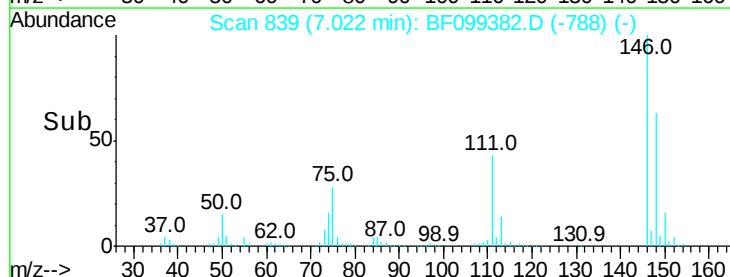
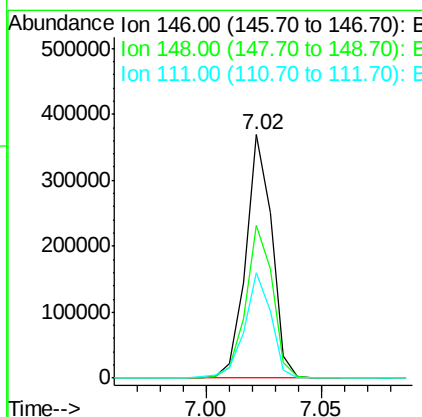
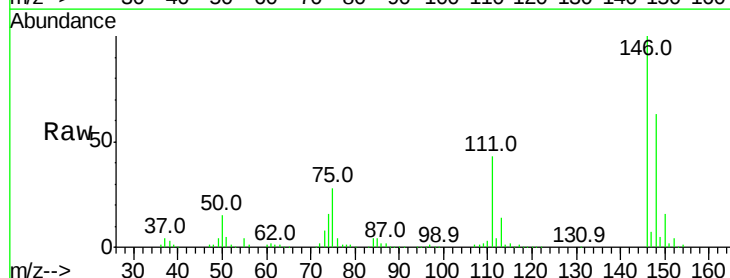
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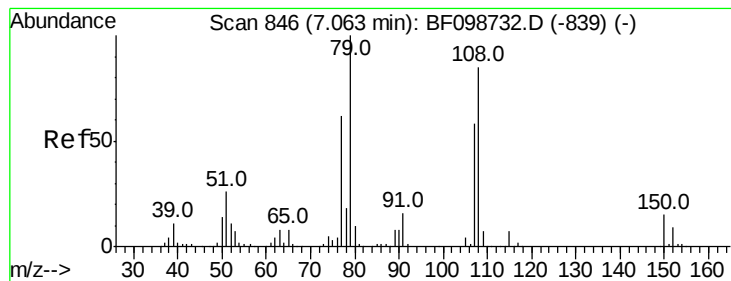
Sohil
 10/14/2017 1:03:02 PM



#14
 1,2-Dichlorobenzene
 Concen: 39.676 ng
 RT: 7.02 min Scan# 839
 Delta R.T. 0.00 min
 Lab File: BF099382.D
 Acq: 12 Oct 2017 9:35

Tgt Ion	Ratio	Lower	Upper
146	100		
148	62.9	50.6	75.8
111	43.2	36.0	54.0





#15

Benzyl Alcohol

Concen: 37.538 ng

RT: 7.00 min Scan# 835

Delta R.T. 0.00 min

Lab File: BF099382.D

Acq: 12 Oct 2017 9:35

Instrument :

BNA_F

ClientSampled :

PB103152BS

Tot Ion: 79 Resp: 224250

Ion Ratio Lower Upper

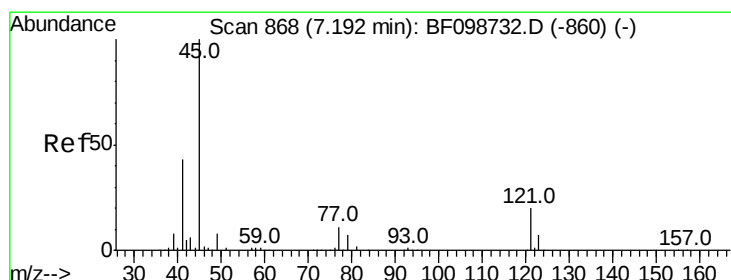
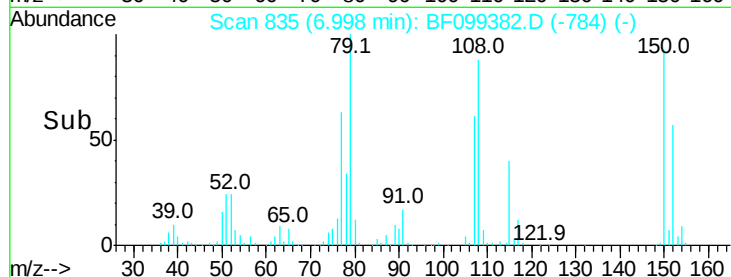
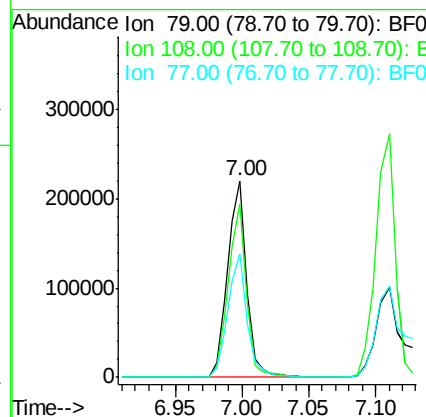
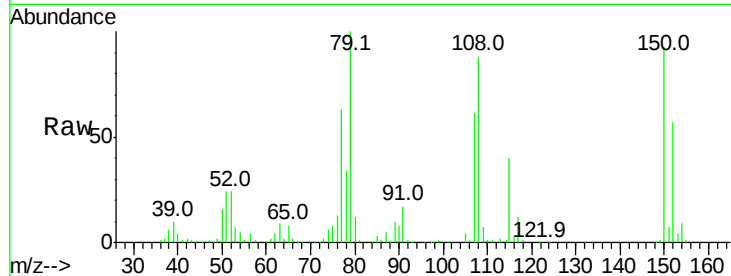
79 100

108 88.1 65.1 97.7

77 63.0 50.6 75.8

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#16

2,2'-oxybis(1-chloropropane)

Concen: 34.314 ng

RT: 7.12 min Scan# 856

Delta R.T. -0.01 min

Lab File: BF099382.D

Acq: 12 Oct 2017 9:35

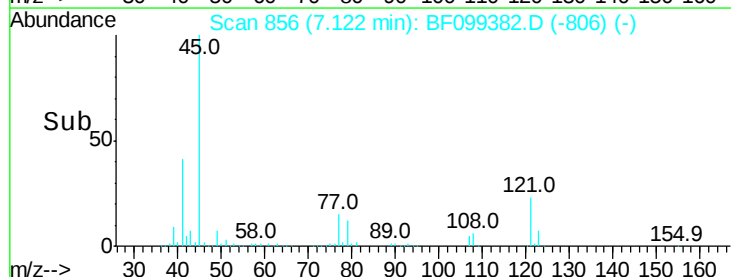
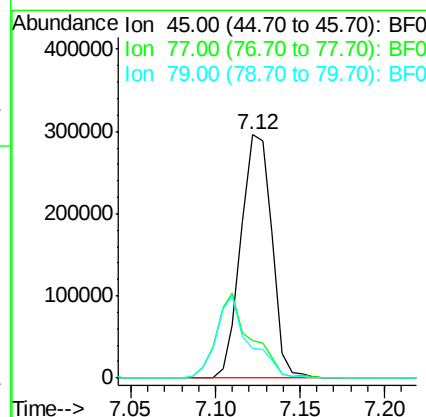
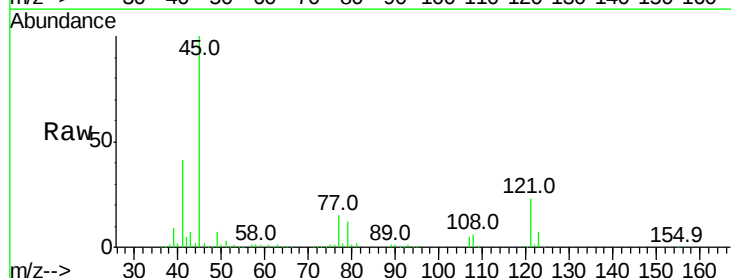
Tgt Ion: 45 Resp: 378503

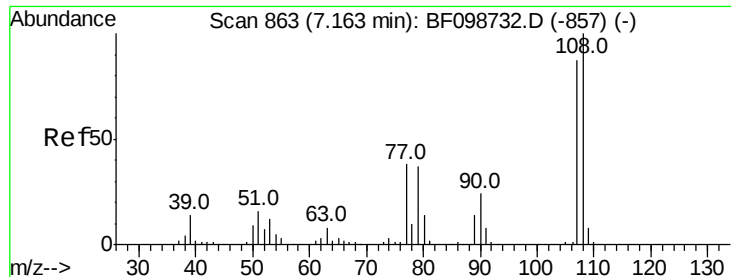
Ion Ratio Lower Upper

45 100

77 15.5 0.0 32.9

79 12.3 0.0 29.6





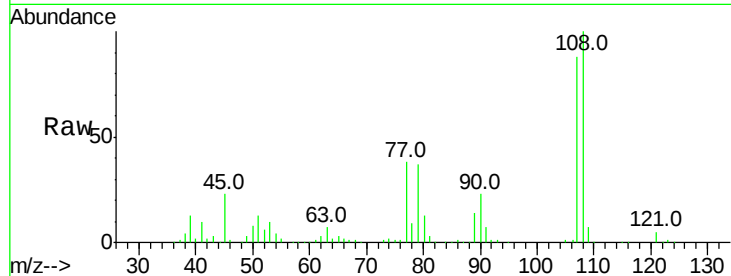
#17
2-Methylphenol
Concen: 39.428 ng
RT: 7.11 min Scan# 854
Delta R.T. 0.01 min
Lab File: BF099382.D
Acq: 12 Oct 2017 9:35

Instrument :
BNA_F
ClientSampleId :
PB103152BS

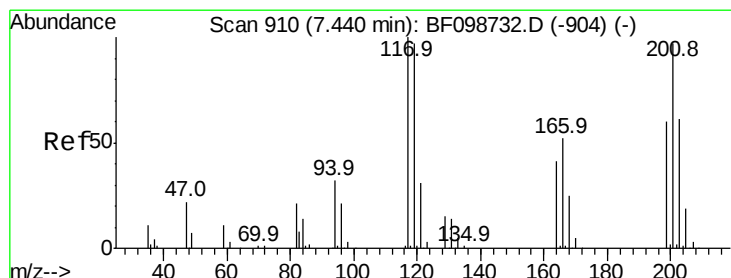
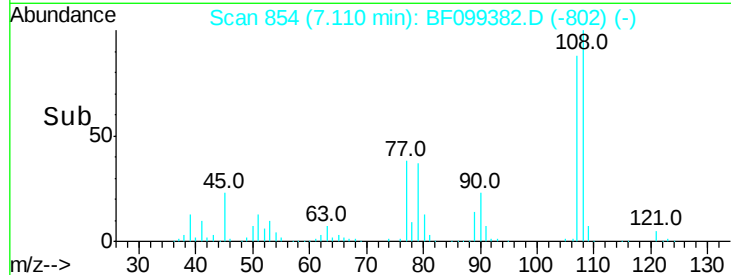
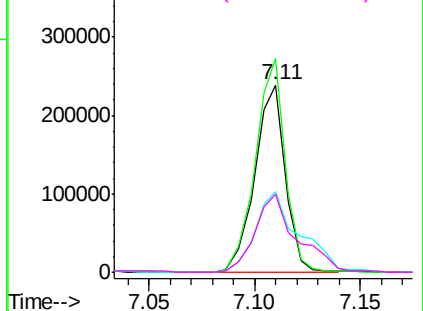
Tot Ion	Ratio	Resp	Lower	Upper
107	100	241167		
108	114.3	91.7	137.5	
77	43.0	33.8	50.8	
79	42.1	33.8	50.8	

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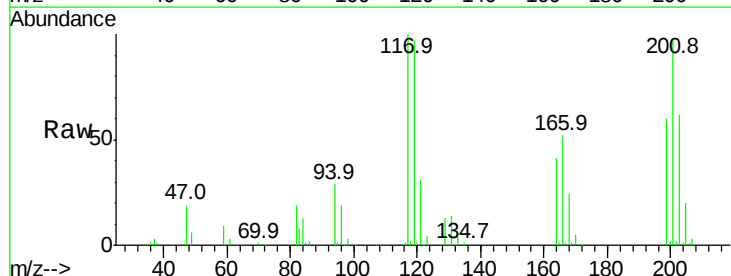


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF0
Ion 79.00 (78.70 to 79.70): BF0

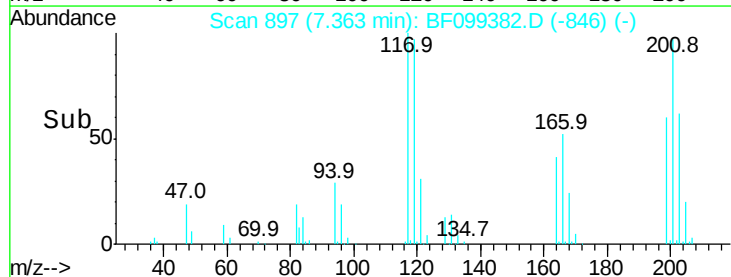
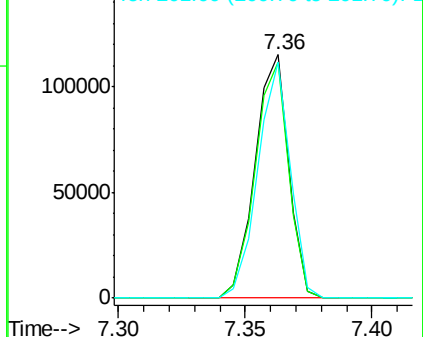


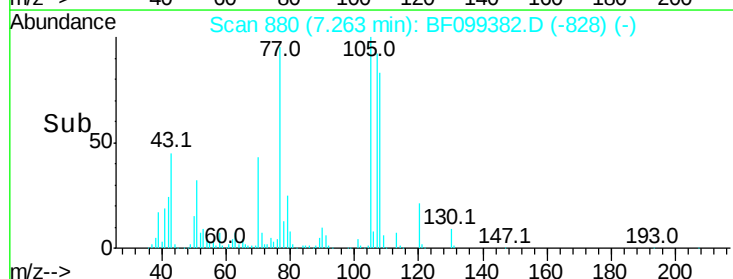
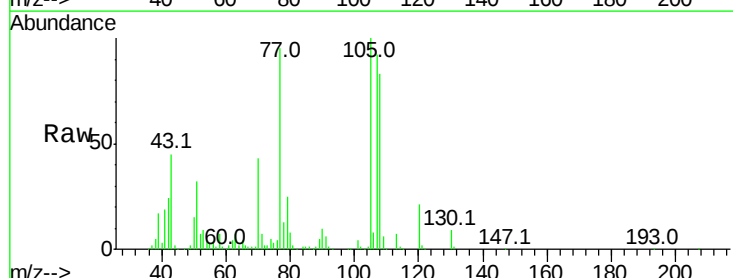
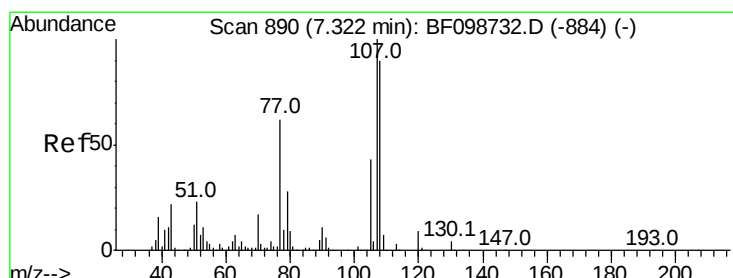
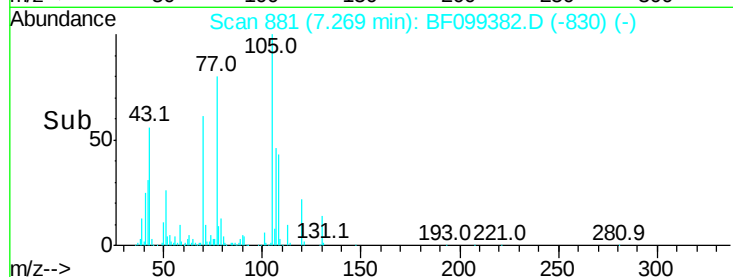
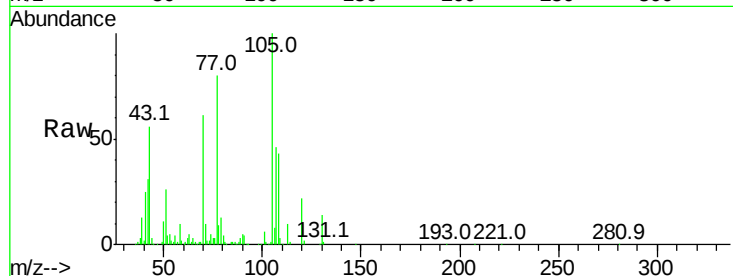
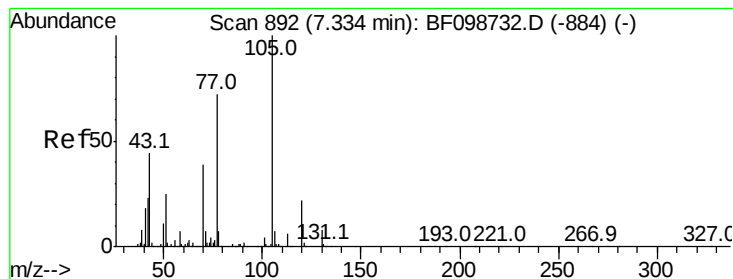
#18
Hexachloroethane
Concen: 37.251 ng
RT: 7.36 min Scan# 897
Delta R.T. 0.00 min
Lab File: BF099382.D
Acq: 12 Oct 2017 9:35

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	106653		
119	96.8	75.8	113.8	
201	96.9	75.7	113.5	



Abundance Ion 117.00 (116.70 to 117.70): E
Ion 119.00 (118.70 to 119.70): E
Ion 201.00 (200.70 to 201.70): E





#19

n-Nitroso-di-n-propylamine

Concen: 35.125 ng

RT: 7.27 min Scan# 881

Delta R.T. 0.00 min

Lab File: BF099382.D

Acq: 12 Oct 2017 9:35

Instrument :

BNA_F

ClientSampleId :

PB103152BS

Tot Ion: 70 Resp: 182620

Ion Ratio Lower Upper

70 100

42 51.1 47.5 71.3

101 9.7 7.4 11.2

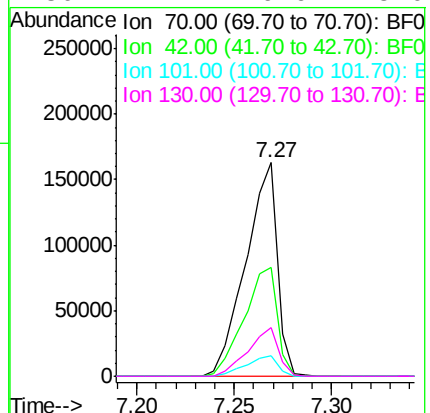
130 22.7 16.6 25.0

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#20

3+4-Methylphenols

Concen: 37.146 ng

RT: 7.26 min Scan# 880

Delta R.T. 0.01 min

Lab File: BF099382.D

Acq: 12 Oct 2017 9:35

Tgt Ion:107 Resp: 287435

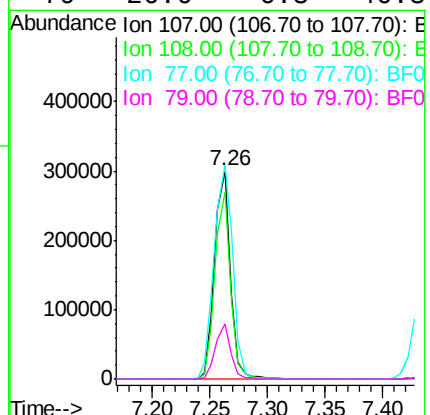
Ion Ratio Lower Upper

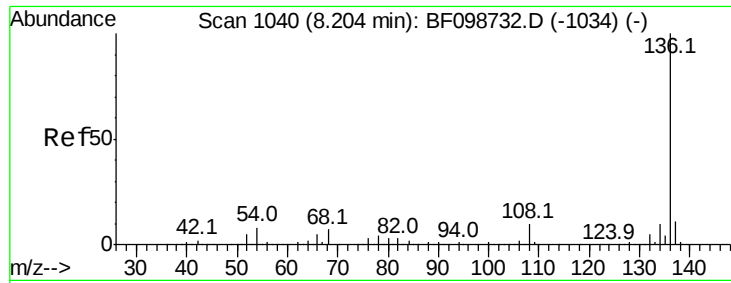
107 100

108 90.1 68.2 108.2

77 102.8 26.7 66.7#

79 26.6 6.3 46.3





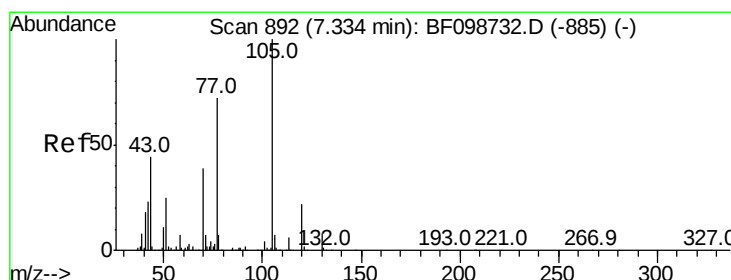
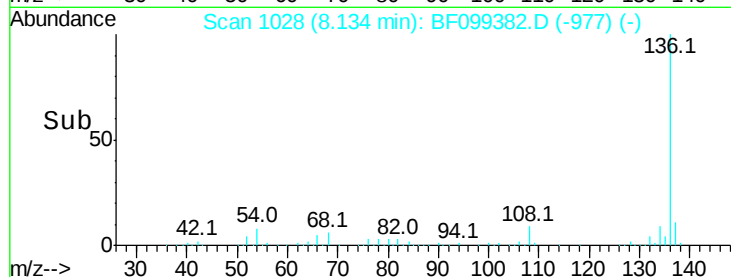
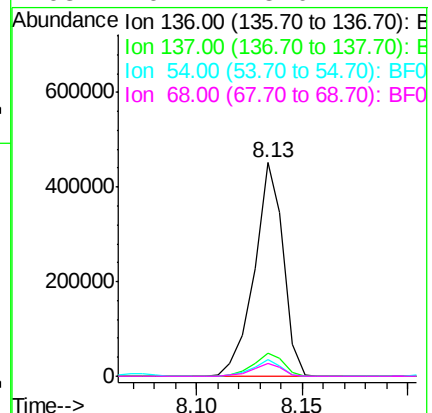
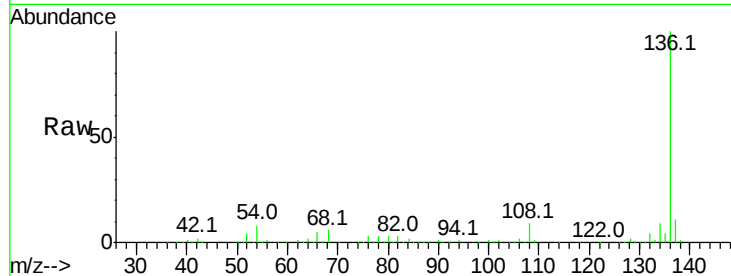
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.13 min Scan# 1028
Delta R.T. 0.00 min
Lab File: BF099382.D
Acq: 12 Oct 2017 9:35

Instrument :
BNA_F
ClientSampleId :
PB103152BS

Tot Ion	Ratio	Resp	Lower	Upper
136	100			
137	10.9	8.9	13.3	
54	7.6	6.6	9.8	
68	6.1	5.0	7.4	

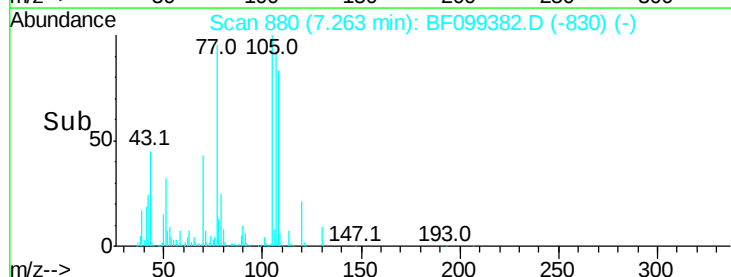
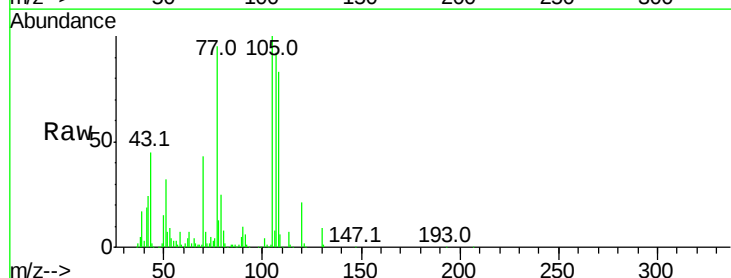
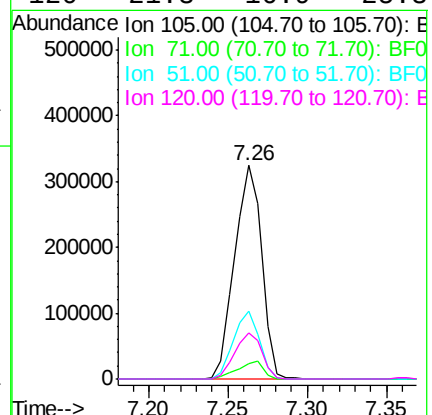
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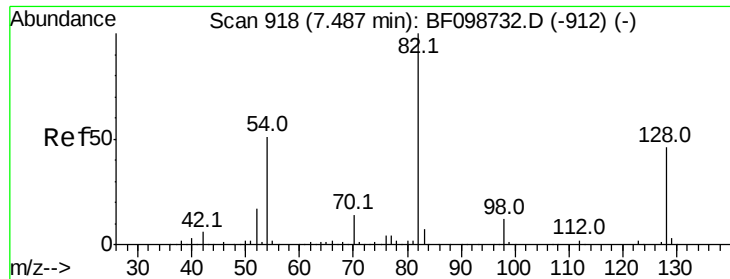
Sohil
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#22
Acetophenone
Concen: 37.031 ng
RT: 7.26 min Scan# 880
Delta R.T. -0.01 min
Lab File: BF099382.D
Acq: 12 Oct 2017 9:35

Tgt Ion	Ratio	Resp	Lower	Upper
105	100			
71	7.2	4.4	6.6#	
51	31.7	22.3	33.5	
120	21.3	16.9	25.3	





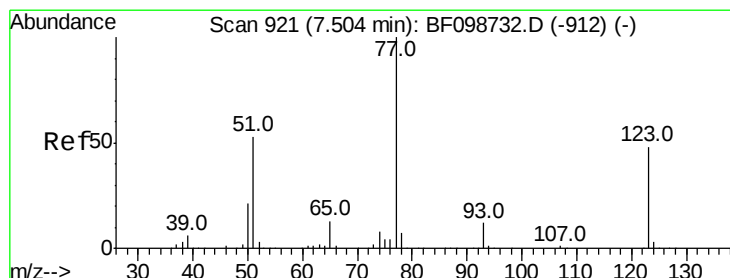
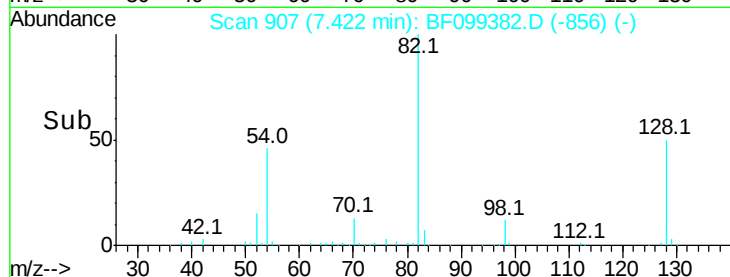
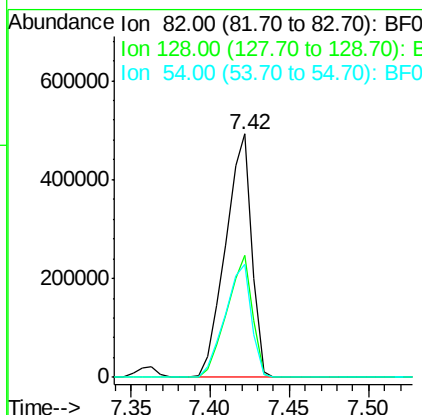
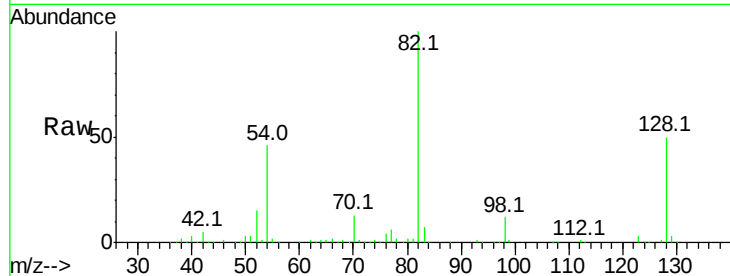
#23
Nitrobenzene-d5
Concen: 84.455 ng
RT: 7.42 min Scan# 907
Delta R.T. 0.00 min
Lab File: BF099382.D
Acq: 12 Oct 2017 9:35

Instrument :
BNA_F
ClientSampleId :
PB103152BS

Tot Ion	Ratio	Resp Lower	Resp Upper
82	100		
128	50.0	36.1	54.1
54	46.2	41.4	62.2

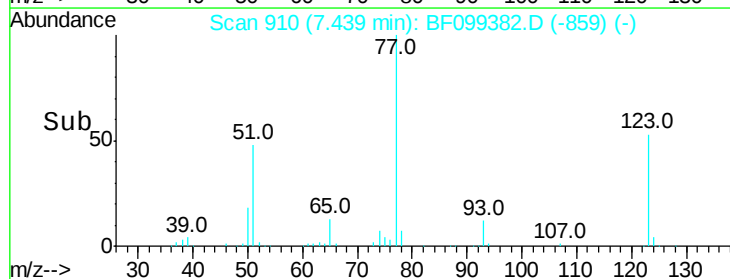
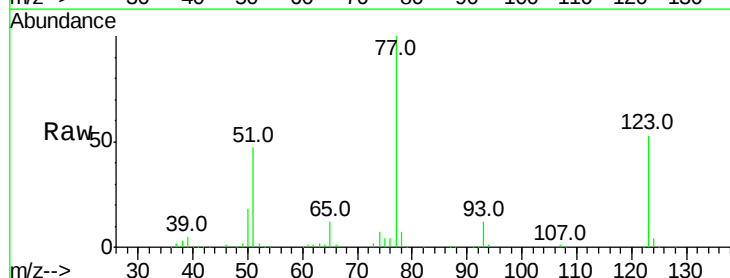
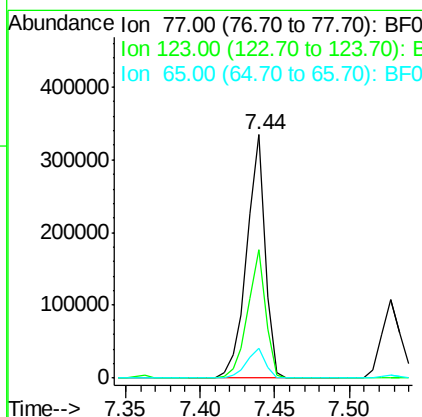
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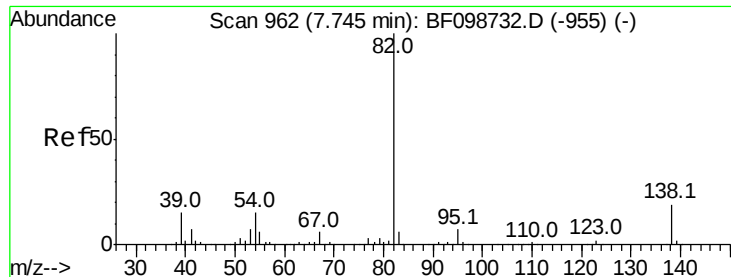
Sohil
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#24
Nitrobenzene
Concen: 37.820 ng
RT: 7.44 min Scan# 910
Delta R.T. 0.00 min
Lab File: BF099382.D
Acq: 12 Oct 2017 9:35

Tgt Ion	Ratio	Resp Lower	Resp Upper
77	100		
123	52.6	37.9	56.9
65	12.4	11.0	16.4





#25

Isophorone

Concen: 38.303 ng

RT: 7.67 min Scan# 950

Delta R.T. 0.00 min

Lab File: BF099382.D

Acq: 12 Oct 2017 9:35

Instrument :

BNA_F

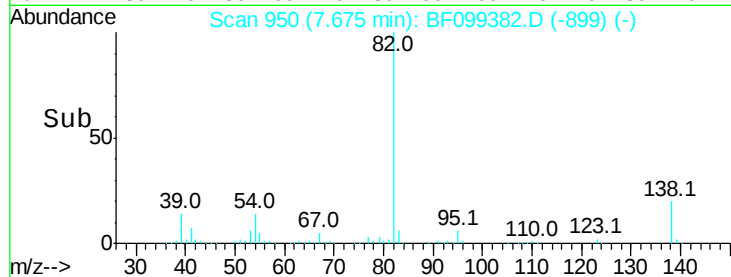
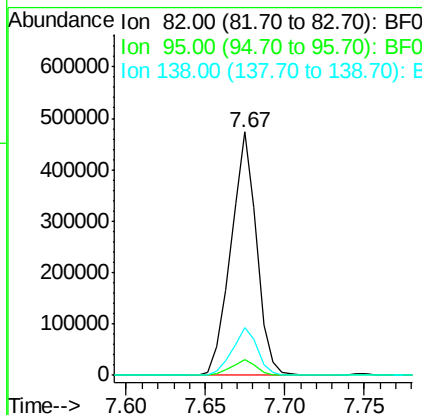
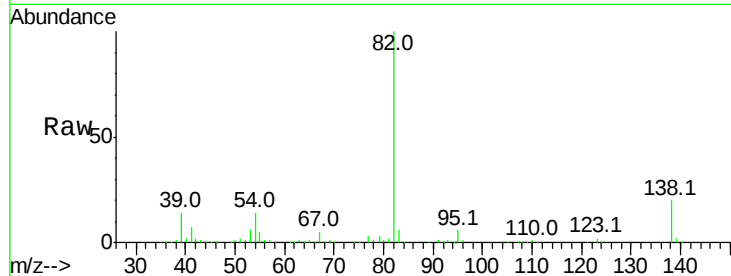
ClientSampleId :

PB103152BS

Tot Ion:	82	Resp:	528831
Ion Ratio	Lower	Upper	
82	100		
95	6.4	5.2	7.8
138	19.7	14.9	22.3

Manual Integrations
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#26

2-Nitrophenol

Concen: 42.366 ng

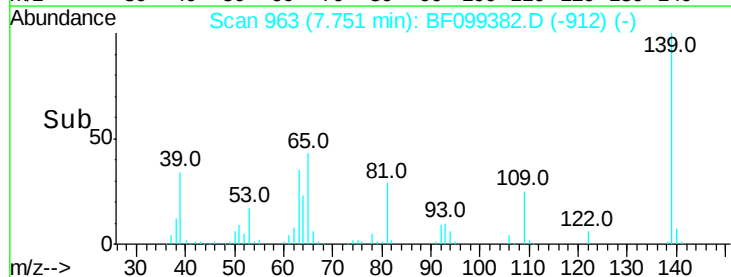
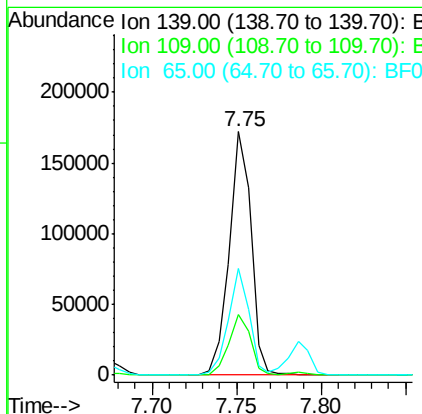
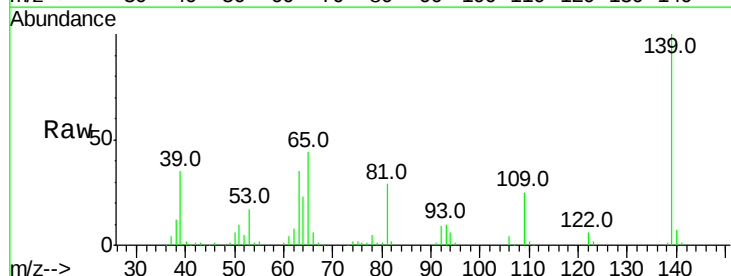
RT: 7.75 min Scan# 963

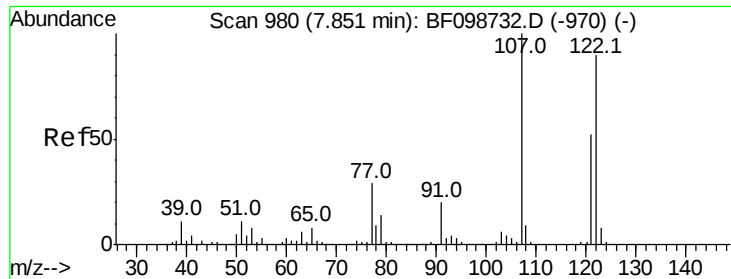
Delta R.T. 0.00 min

Lab File: BF099382.D

Acq: 12 Oct 2017 9:35

Tgt Ion:	139	Resp:	154330
Ion Ratio	Lower	Upper	
139	100		
109	24.8	22.7	34.1
65	43.6	40.5	60.7





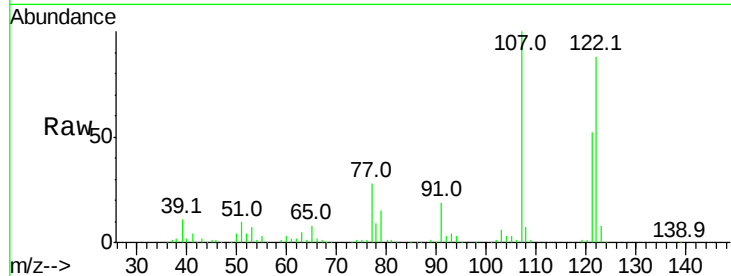
#27
2,4-Dimethylphenol
Concen: 37.156 ng
RT: 7.79 min Scan# 969
Delta R.T. 0.00 min
Lab File: BF099382.D
Acq: 12 Oct 2017 9:35

Instrument :
BNA_F
ClientSampleId :
PB103152BS

Tot Ion	Ratio	Resp	Lower	Upper
122	100	255613		
107	113.9	91.2	136.8	
121	58.7	47.2	70.8	

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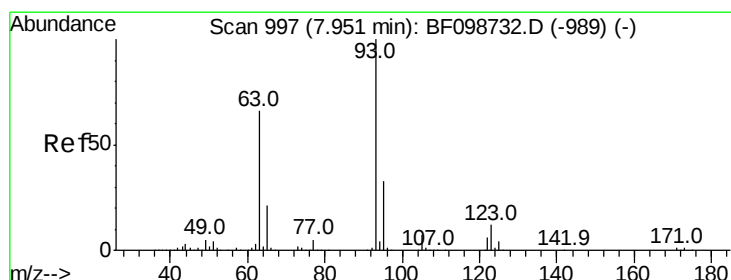
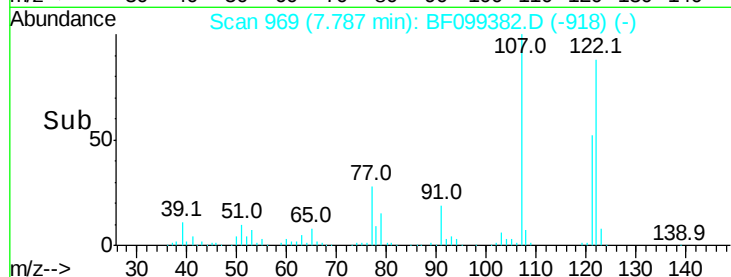
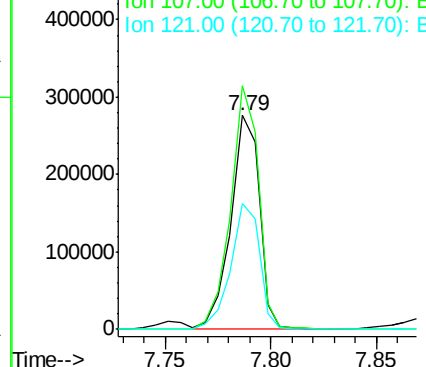


Abundance

Ion 122.00 (121.70 to 122.70): E

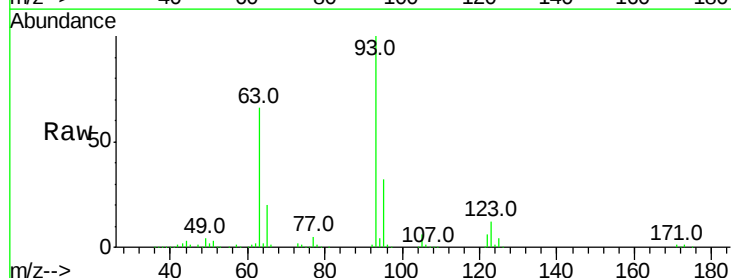
Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28
bis(2-Chloroethoxy)methane
Concen: 39.370 ng
RT: 7.88 min Scan# 985
Delta R.T. 0.00 min
Lab File: BF099382.D
Acq: 12 Oct 2017 9:35

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	338742		
95	32.2	26.3	39.5	
123	11.6	9.8	14.6	

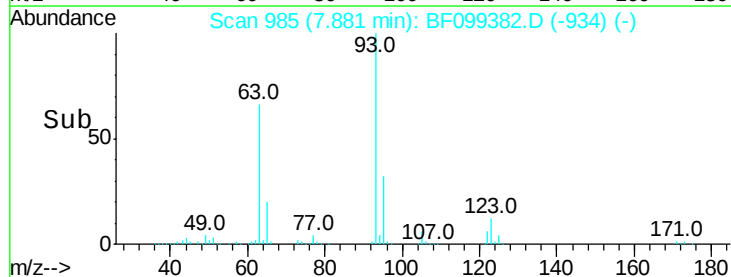
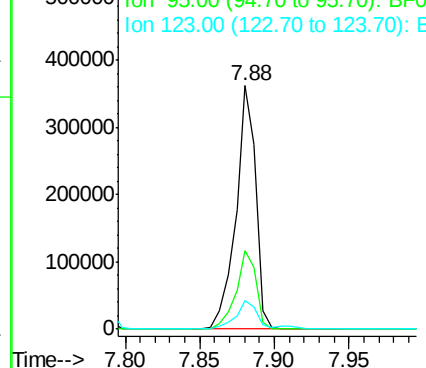


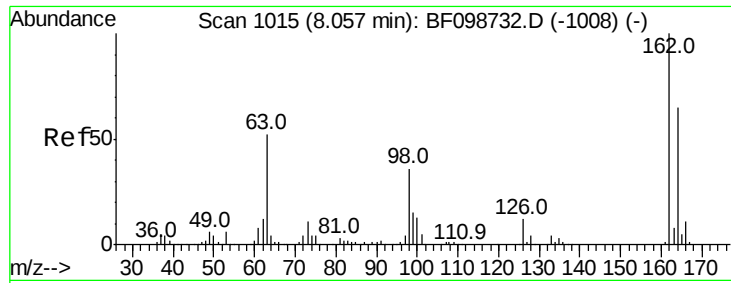
Abundance

Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E





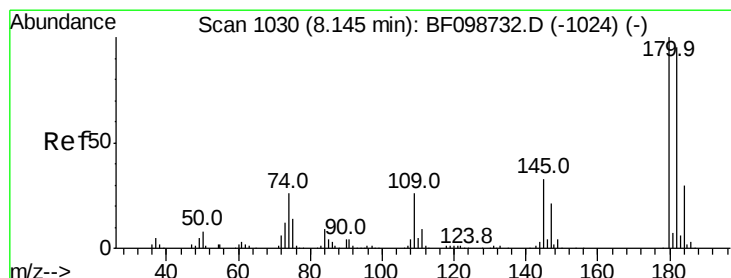
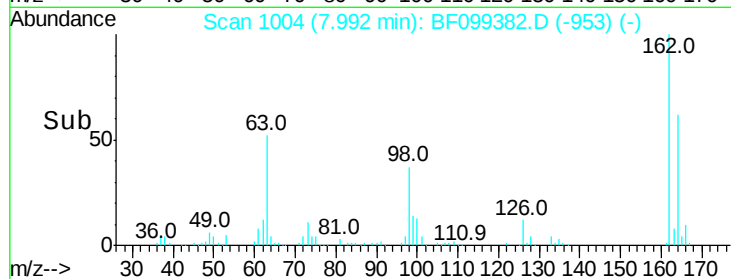
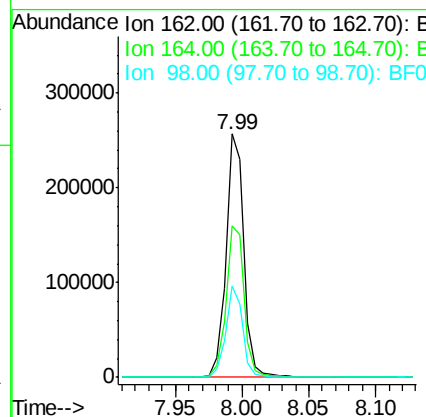
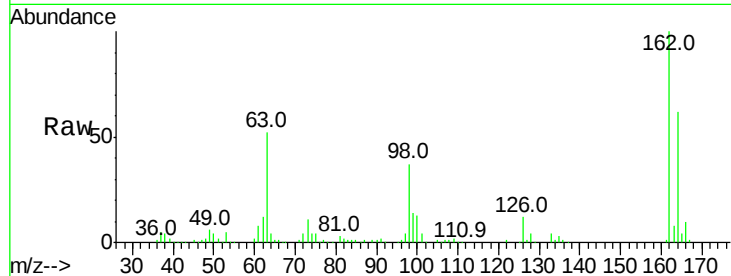
#29
 2,4-Dichlorophenol
 Concen: 40.948 ng
 RT: 7.99 min Scan# 1004
 Delta R.T. 0.00 min
 Lab File: BF099382.D
 Acq: 12 Oct 2017 9:35

Instrument :
 BNA_F
 ClientSampleId :
 PB103152BS

Tot Ion	Ratio	Resp Lower	Upper
162	100		
164	62.1	42.7	82.7
98	37.4	18.1	58.1

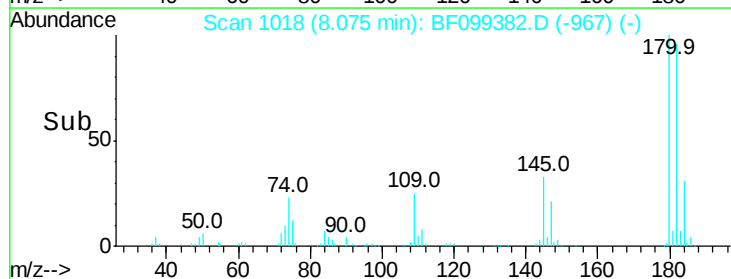
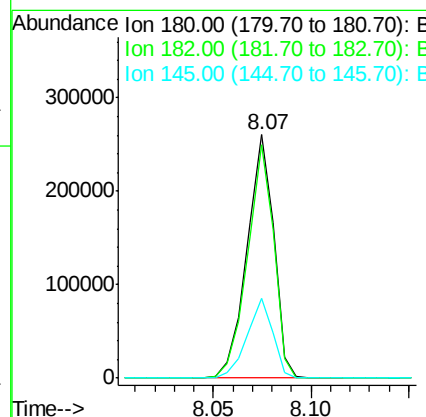
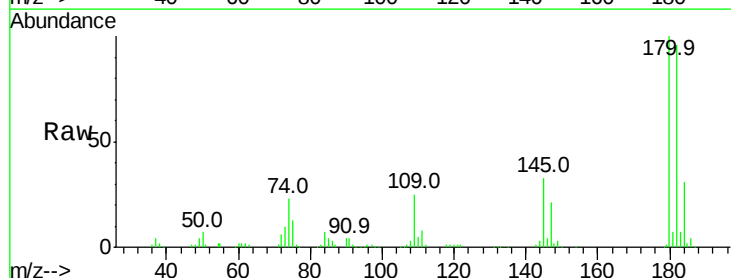
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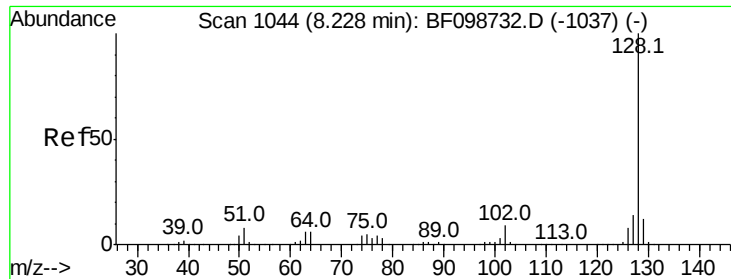
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#30
 1,2,4-Trichlorobenzene
 Concen: 41.935 ng
 RT: 8.07 min Scan# 1018
 Delta R.T. 0.00 min
 Lab File: BF099382.D
 Acq: 12 Oct 2017 9:35

Tgt Ion	Ratio	Resp Lower	Upper
180	100		
182	95.7	76.8	115.2
145	32.6	26.5	39.7





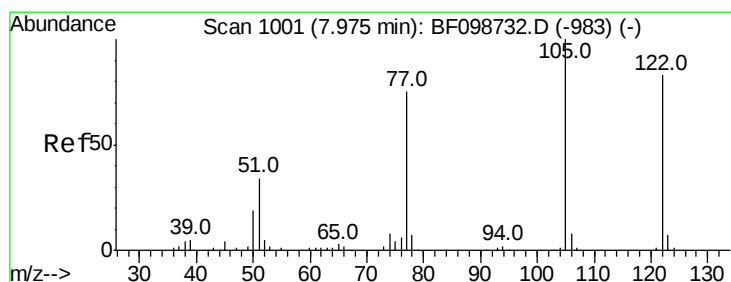
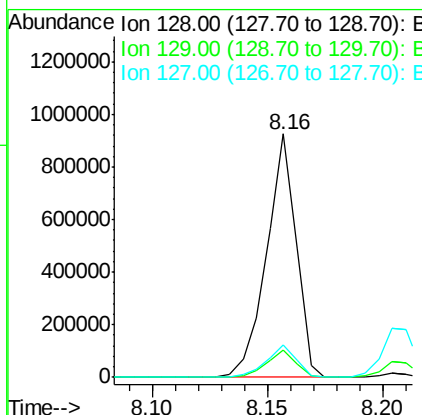
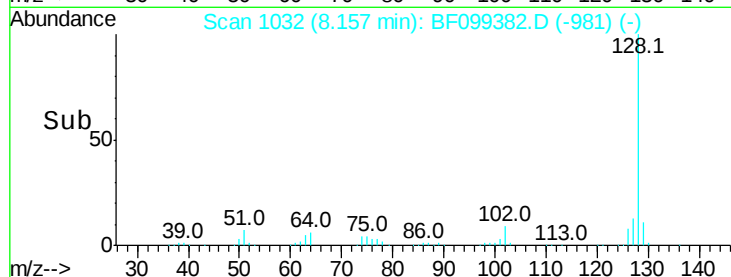
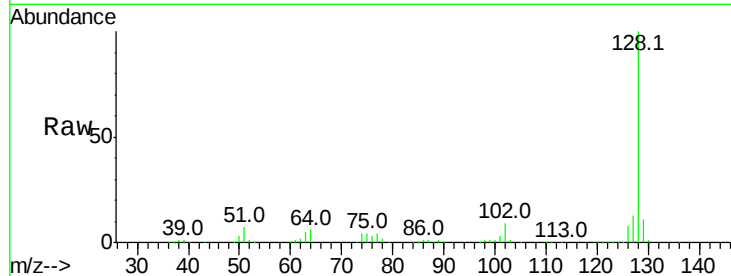
#31
Naphthalene
Concen: 40.894 ng
RT: 8.16 min Scan# 1032
Delta R.T. 0.00 min
Lab File: BF099382.D
Acq: 12 Oct 2017 9:35

Instrument :
BNA_F
ClientSampleId :
PB103152BS

Tot Ion	Ratio	Resp Lower	Upper
128	100		
129	11.2	8.8	13.2
127	13.3	10.9	16.3

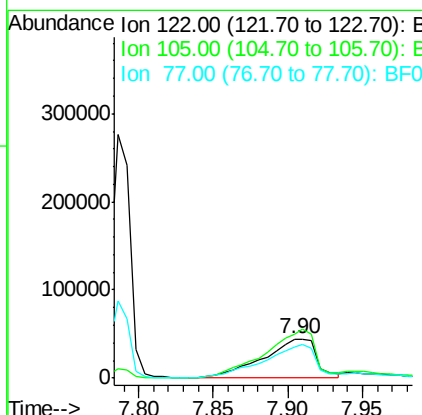
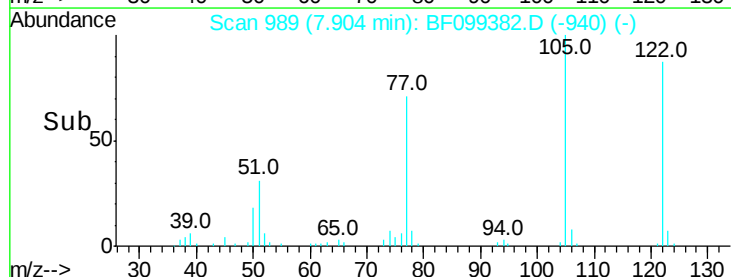
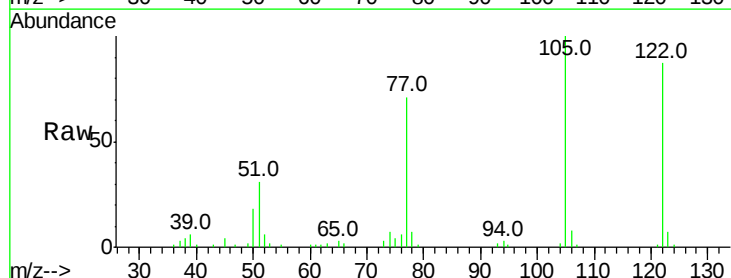
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#32
Benzoic acid
Concen: 18.961 ng
RT: 7.90 min Scan# 989
Delta R.T. -0.01 min
Lab File: BF099382.D
Acq: 12 Oct 2017 9:35

Tgt Ion	Ratio	Resp Lower	Upper
122	100		
105	114.8	101.1	141.1
77	81.4	70.7	110.7





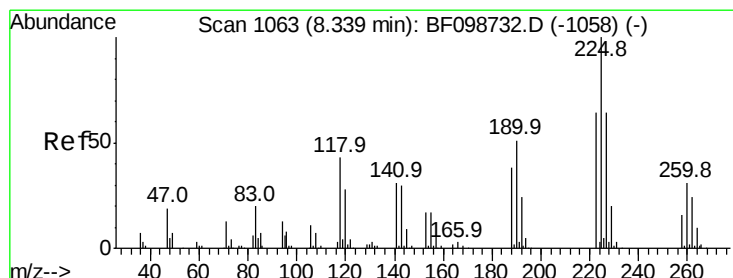
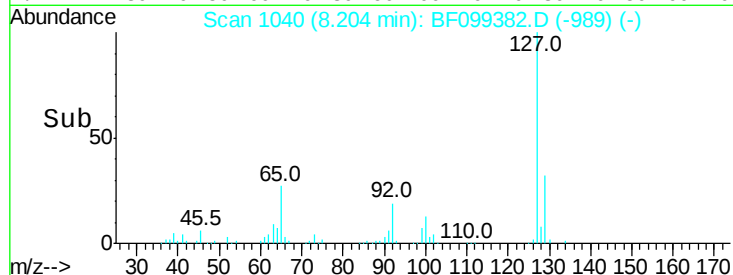
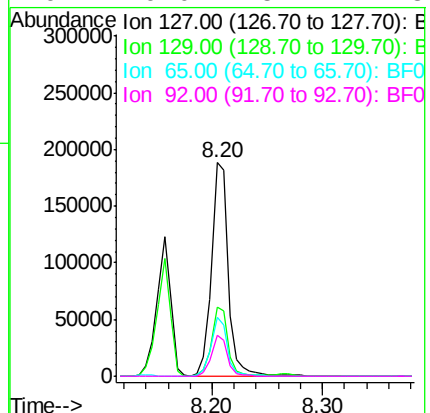
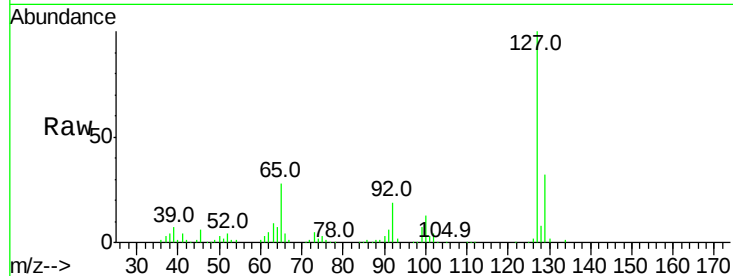
#33
4-Chloroaniline
Concen: 23.144 ng
RT: 8.20 min Scan# 1040
Delta R.T. 0.00 min
Lab File: BF099382.D
Acq: 12 Oct 2017 9:35

Instrument :
BNA_F
ClientSampleId :
PB103152BS

Tot Ion	Ratio	Resp	Lower	Upper
127	100			
129	32.1	25.9	38.9	
65	27.6	25.0	37.4	
92	19.0	15.2	22.8	

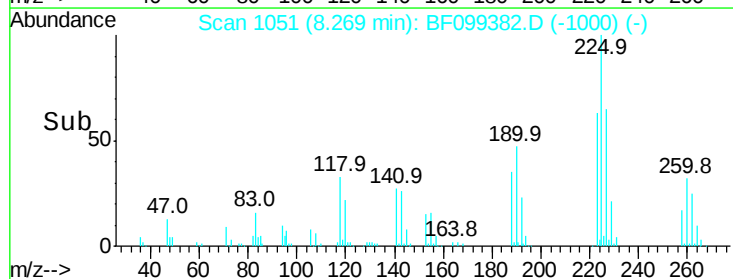
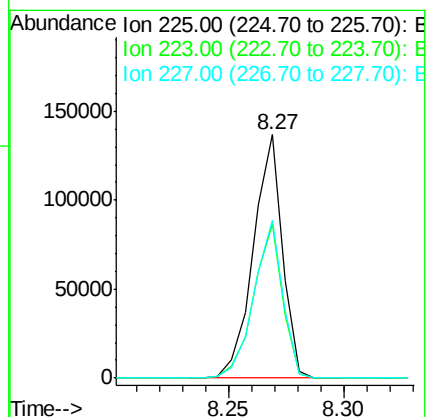
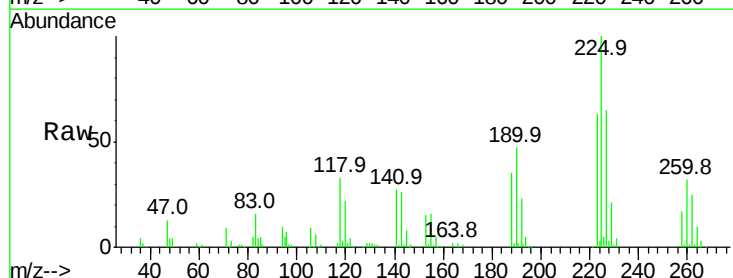
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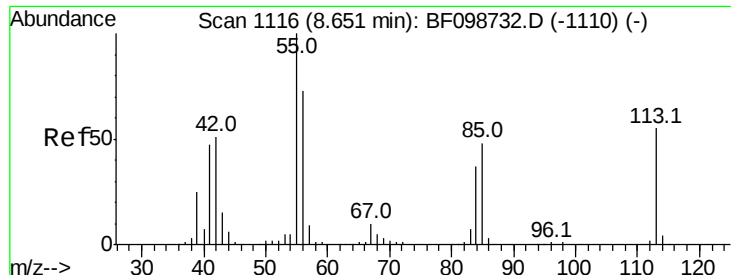
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#34
Hexachlorobutadiene
Concen: 39.596 ng
RT: 8.27 min Scan# 1051
Delta R.T. 0.00 min
Lab File: BF099382.D
Acq: 12 Oct 2017 9:35

Tgt Ion	Ratio	Resp	Lower	Upper
225	100			
223	63.4	50.6	76.0	
227	64.9	51.9	77.9	





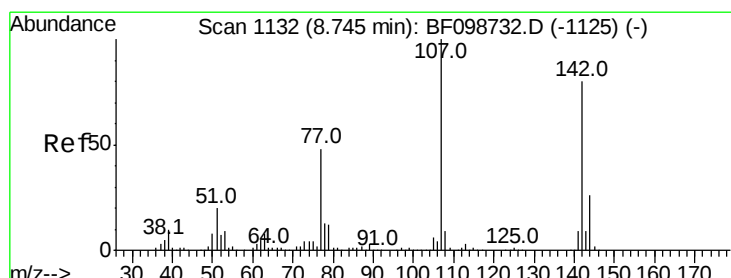
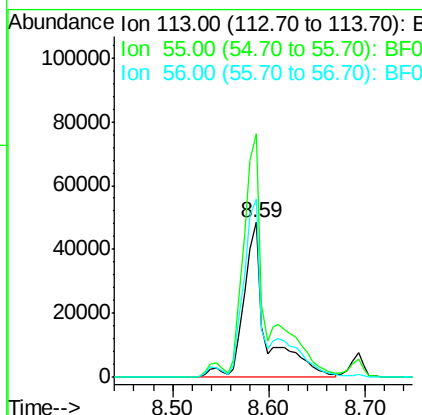
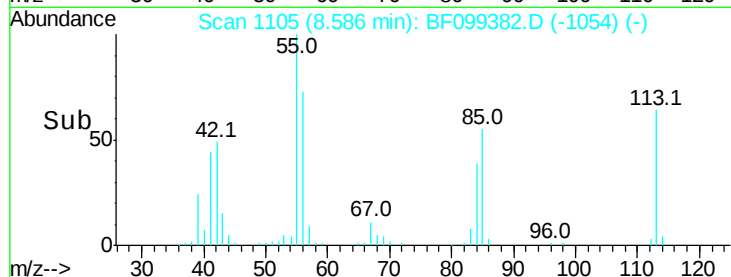
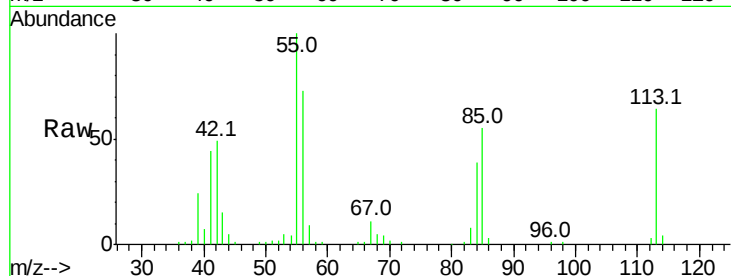
#35
 Caprolactam
 Concen: 42.165 ng/ml
 RT: 8.59 min Scan# 1105
 Delta R.T. 0.00 min
 Lab File: BF099382.D
 Acq: 12 Oct 2017 9:35

Instrument :
 BNA_F
 ClientSampleID :
 PB103152BS

Tot Ion: 113 Resp: 79888
 Ion Ratio Lower Upper
 113 100
 55 157.0 163.3 203.3#
 56 114.6 115.7 155.7#

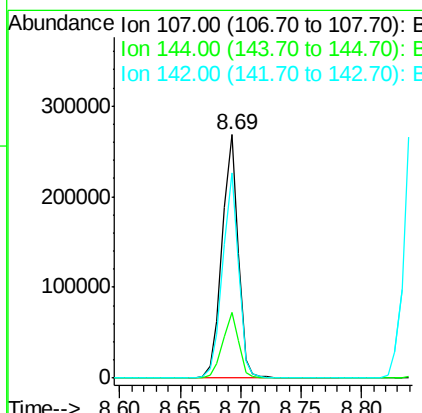
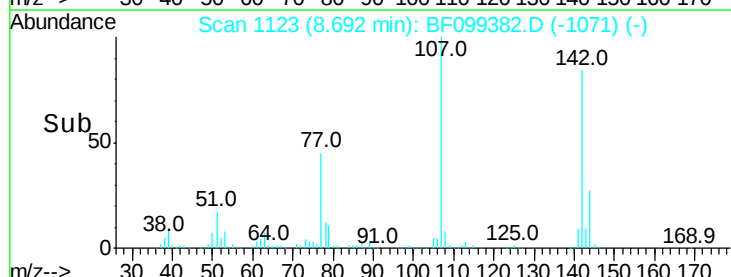
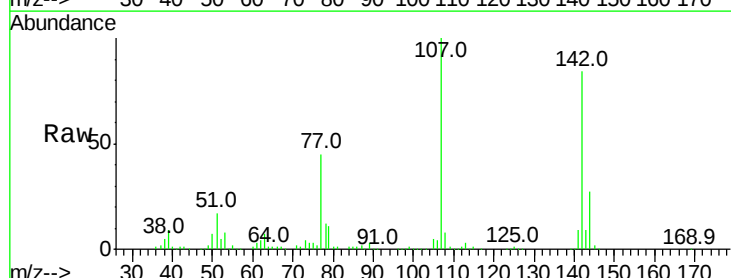
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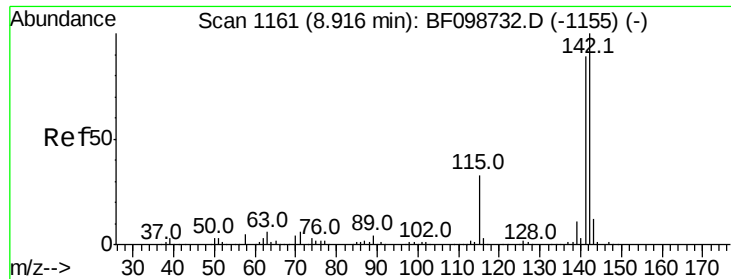
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#36
 4-Chloro-3-methylphenol
 Concen: 37.422 ng/ml
 RT: 8.69 min Scan# 1123
 Delta R.T. 0.01 min
 Lab File: BF099382.D
 Acq: 12 Oct 2017 9:35

Tgt Ion: 107 Resp: 248441
 Ion Ratio Lower Upper
 107 100
 144 27.0 20.5 30.7
 142 84.1 62.0 93.0





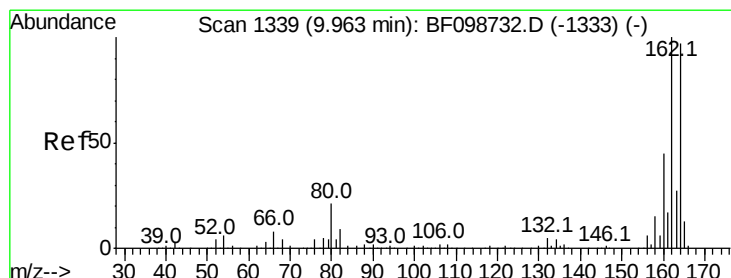
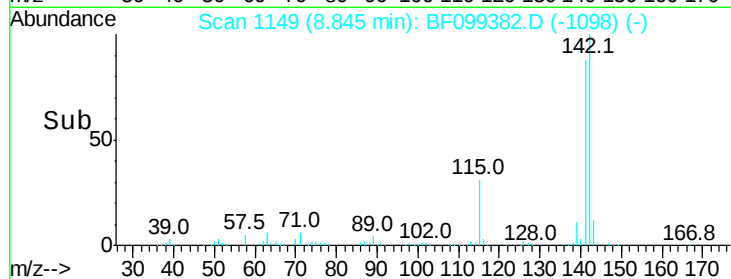
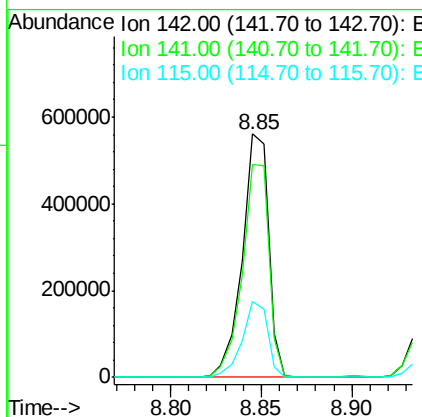
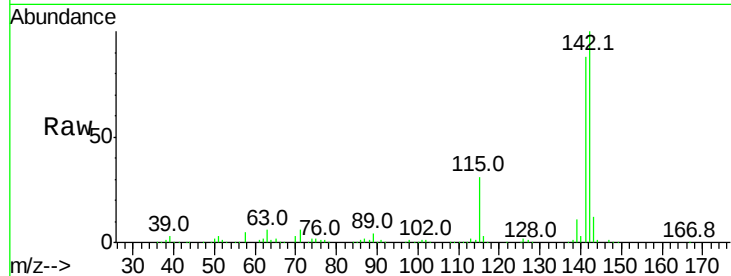
#37
2-Methylnaphthalene
Concen: 43.263 ng
RT: 8.85 min Scan# 1149
Delta R.T. 0.00 min
Lab File: BF099382.D
Acq: 12 Oct 2017 9:35

Instrument :
BNA_F
ClientSampleId :
PB103152BS

Tot Ion	Ratio	Resp	Lower	Upper
142	100	565678		
141	87.6		70.8	106.2
115	31.1		26.1	39.1

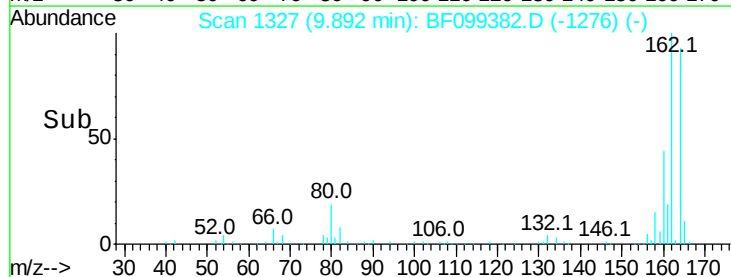
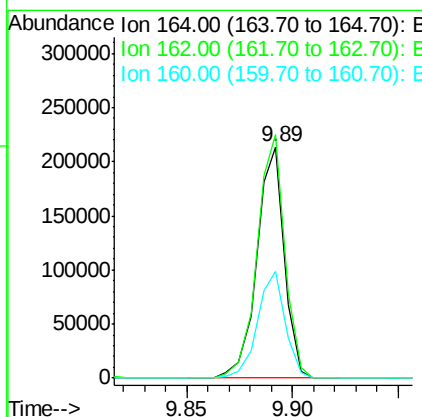
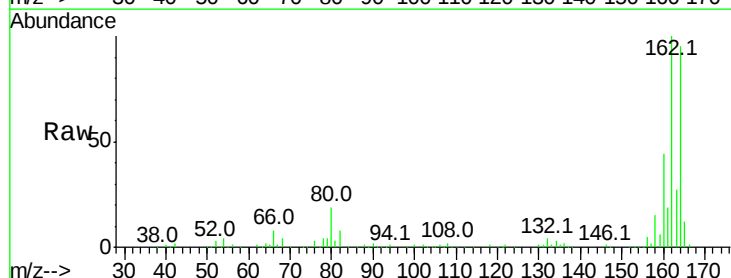
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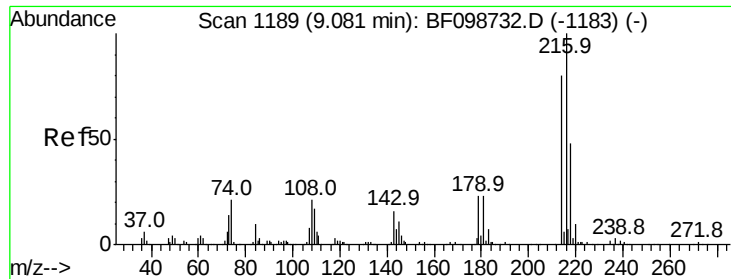
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#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.89 min Scan# 1327
Delta R.T. 0.00 min
Lab File: BF099382.D
Acq: 12 Oct 2017 9:35

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	193224		
162	105.5		86.1	129.1
160	46.0		38.3	57.5





#39

1,2,4,5-Tetrachlorobenzene

Concen: 38.380 ng

RT: 9.02 min Scan# 1178

Delta R.T. 0.00 min

Lab File: BF099382.D

Acq: 12 Oct 2017 9:35

Instrument :

BNA_F

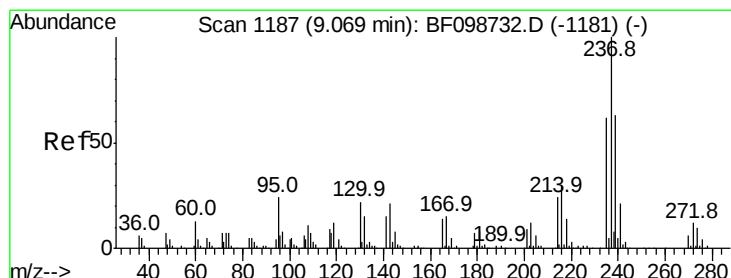
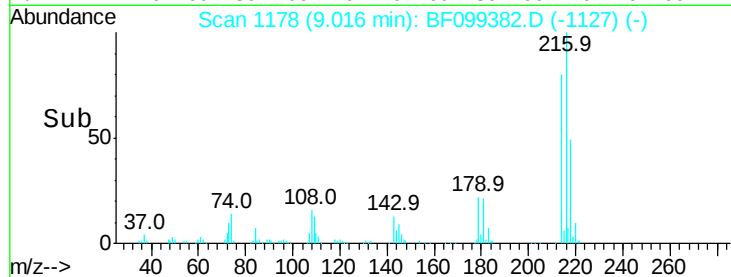
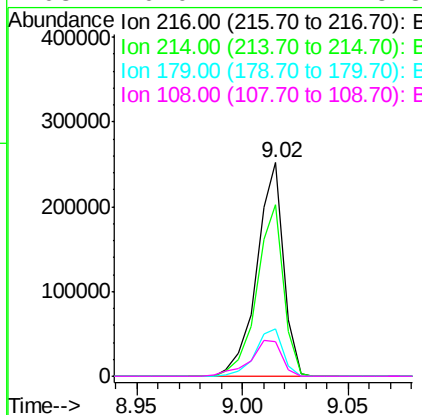
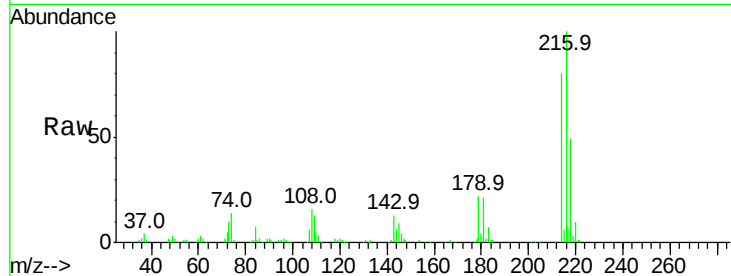
ClientSampleId :

PB103152BS

Tot Ion	Ratio	Resp Lower	Upper
216	100		
214	80.9	63.0	94.4
179	23.1	18.1	27.1
108	20.0	17.2	25.8

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#40

Hexachlorocyclopentadiene

Concen: 31.643 ng

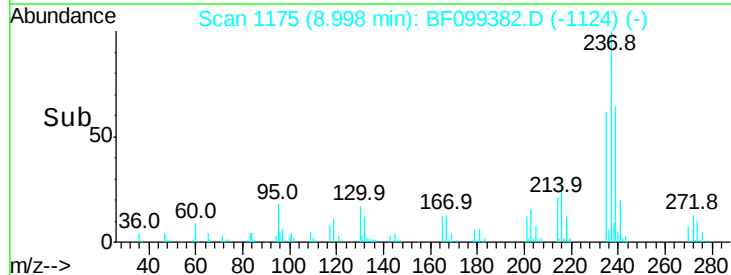
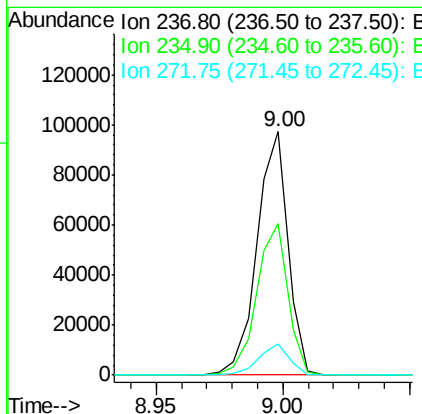
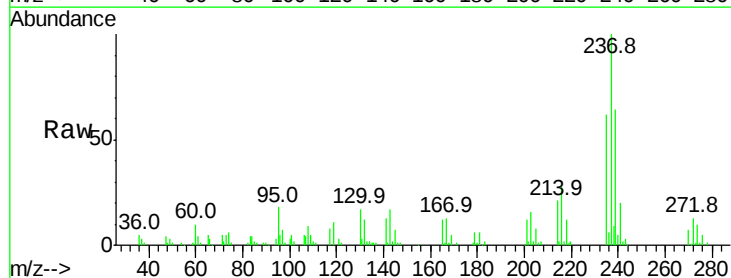
RT: 9.00 min Scan# 1175

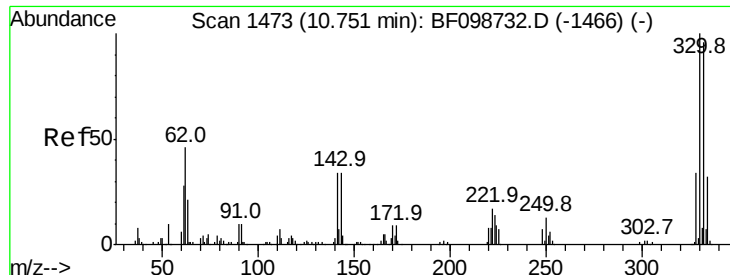
Delta R.T. 0.00 min

Lab File: BF099382.D

Acq: 12 Oct 2017 9:35

Tgt Ion	Ratio	Resp Lower	Upper
237	100		
235	62.4	44.8	84.8
272	12.6	0.0	33.3





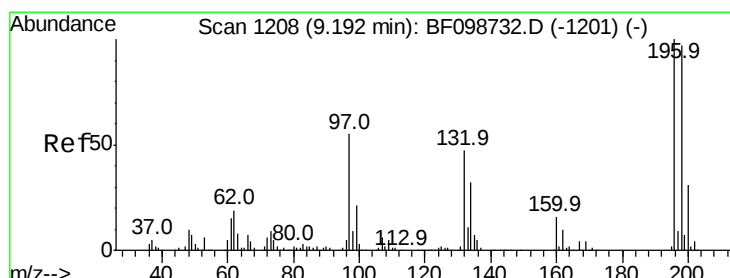
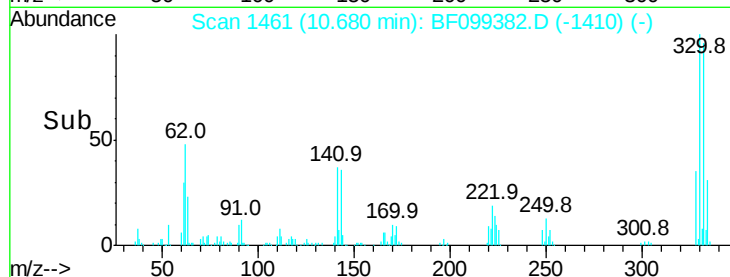
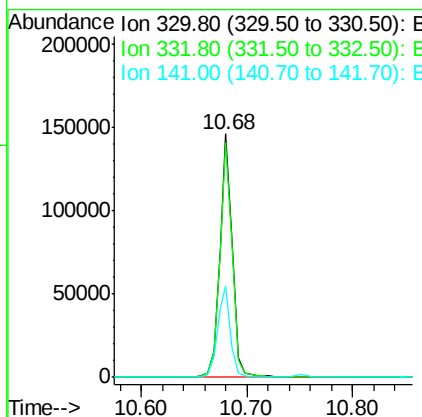
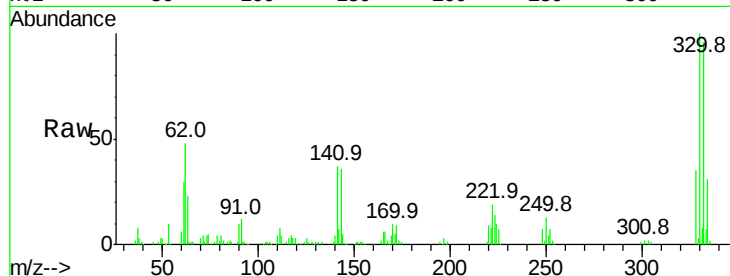
#41
 2,4,6-Tribromophenol
 Concen: 77.590 ng
 RT: 10.68 min Scan# 1461
 Delta R.T. 0.00 min
 Lab File: BF099382.D
 Acq: 12 Oct 2017 9:35

Instrument :
 BNA_F
 ClientSampled :
 PB103152BS

Tot Ion	Ratio	Resp	Lower	Upper
330	100			
332	96.4	77.0	115.6	
141	38.6	29.9	44.9	

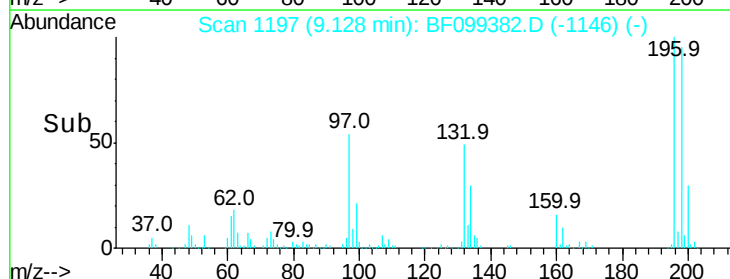
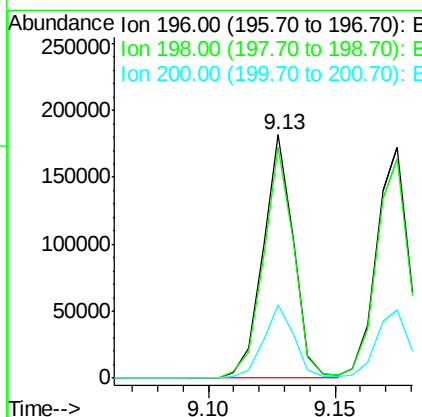
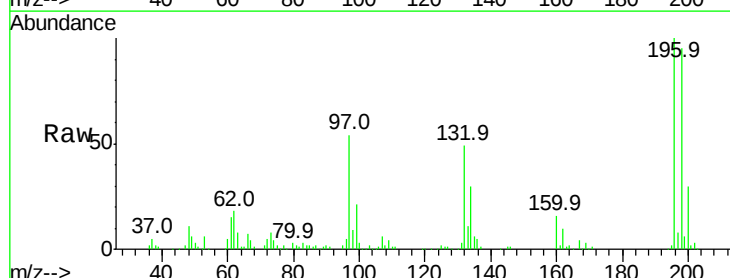
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#42
 2,4,6-Trichlorophenol
 Concen: 37.595 ng
 RT: 9.13 min Scan# 1197
 Delta R.T. 0.00 min
 Lab File: BF099382.D
 Acq: 12 Oct 2017 9:35

Tgt Ion	Ratio	Resp	Lower	Upper
196	100			
198	94.6	75.7	113.5	
200	30.4	24.5	36.7	





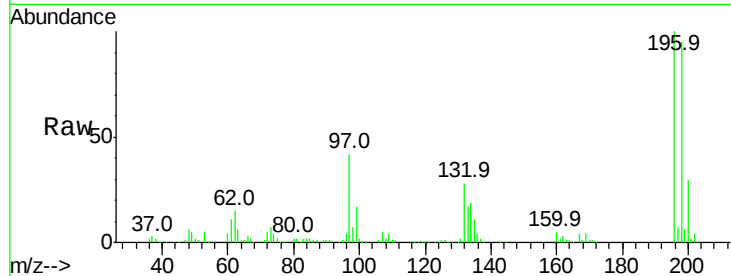
#43
2,4,5-Trichlorophenol
Concen: 39.217 ng
RT: 9.17 min Scan# 1205
Delta R.T. 0.01 min
Lab File: BF099382.D
Acq: 12 Oct 2017 9:35

Instrument :
BNA_F
ClientSampleId :
PB103152BS

Tot Ion	Ratio	Resp	Lower	Upper
196	100	159815		
198	94.9	74.6	112.0	
97	42.1	42.9	64.3	
132	28.0	26.3	39.5	

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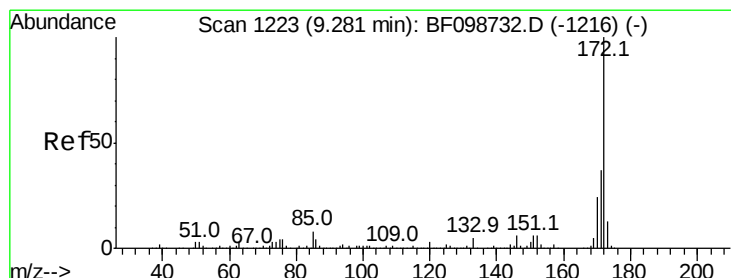
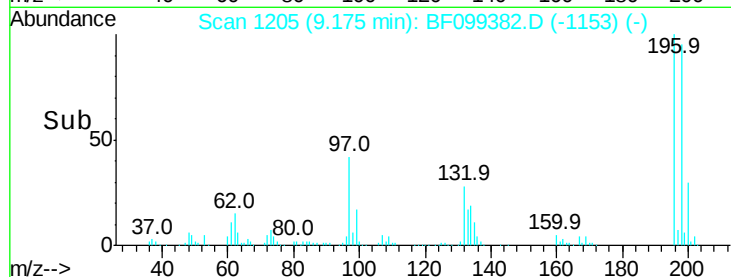
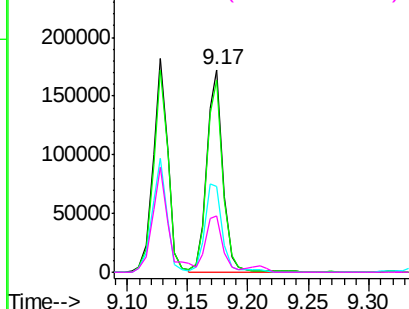
Abundance

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: 90.413 ng
RT: 9.21 min Scan# 1211
Delta R.T. 0.00 min
Lab File: BF099382.D
Acq: 12 Oct 2017 9:35

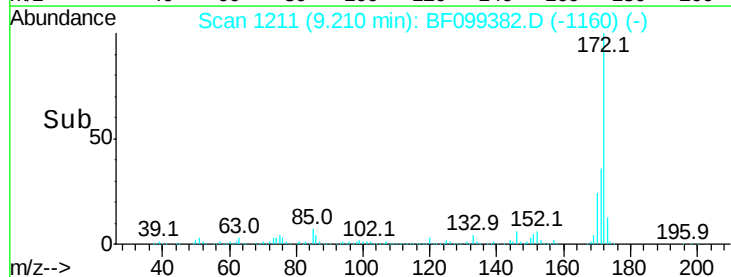
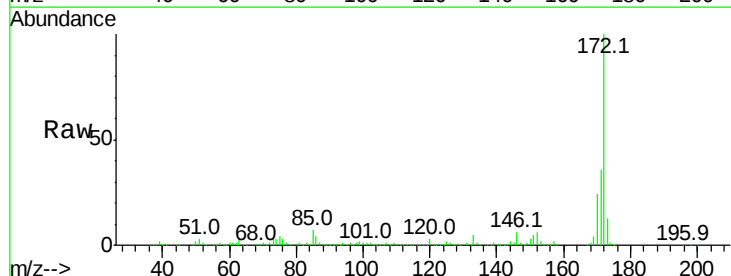
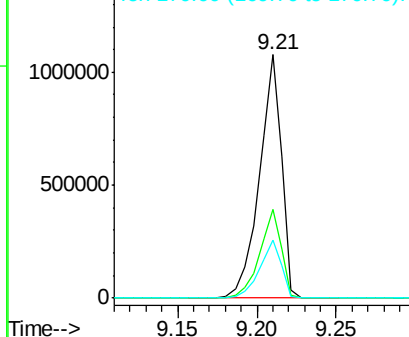
Tgt Ion	Ratio	Resp	Lower	Upper
172	100	1046473		
171	36.3	29.7	44.5	
170	23.7	19.6	29.4	

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





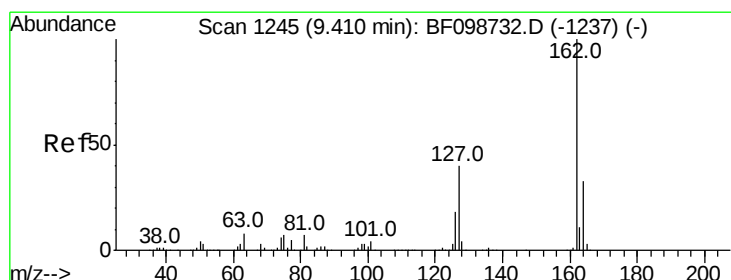
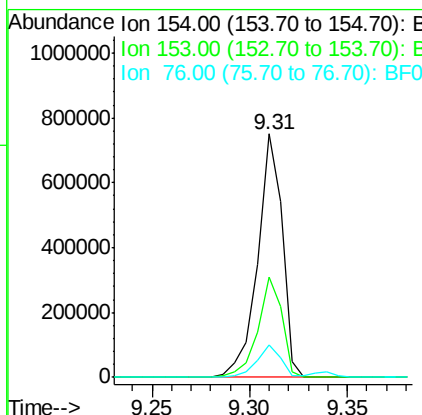
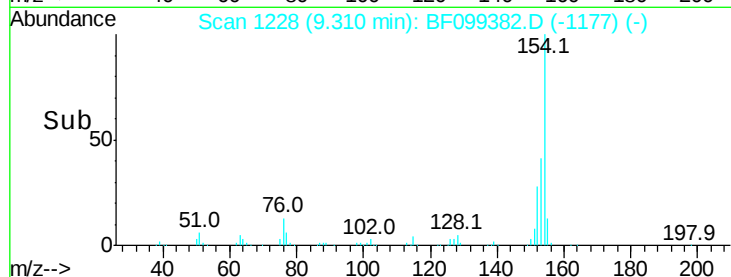
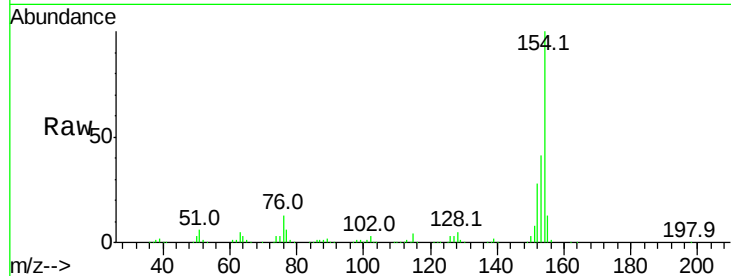
#45
1,1'-Biphenyl
Concen: 39.392 ng
RT: 9.31 min Scan# 1228
Delta R.T. 0.00 min
Lab File: BF099382.D
Acq: 12 Oct 2017 9:35

Instrument :
BNA_F
ClientSampleId :
PB103152BS

Tot Ion	Ratio	Resp Lower	Upper
154	100		
153	41.0	21.3	61.3
76	13.2	0.0	34.0

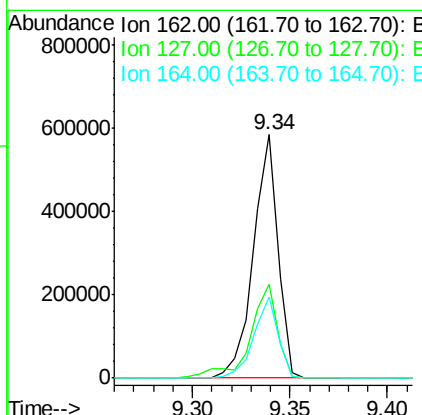
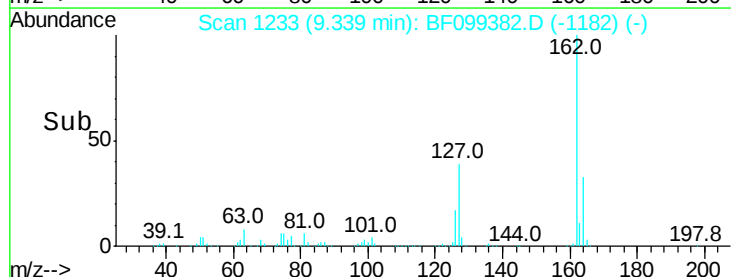
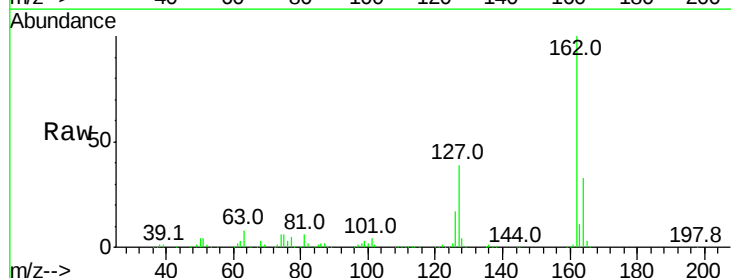
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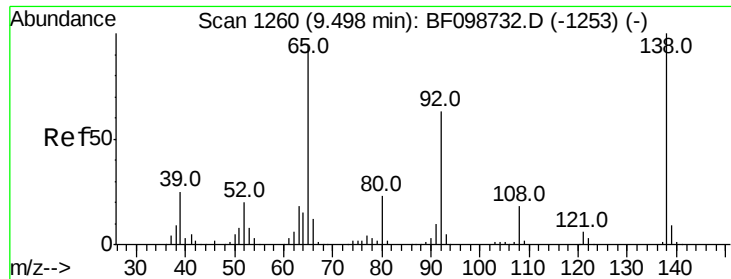
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#46
2-Chloronaphthalene
Concen: 40.973 ng
RT: 9.34 min Scan# 1233
Delta R.T. 0.00 min
Lab File: BF099382.D
Acq: 12 Oct 2017 9:35

Tgt Ion	Ratio	Resp Lower	Upper
162	100		
127	38.8	33.9	50.9
164	33.1	26.5	39.7





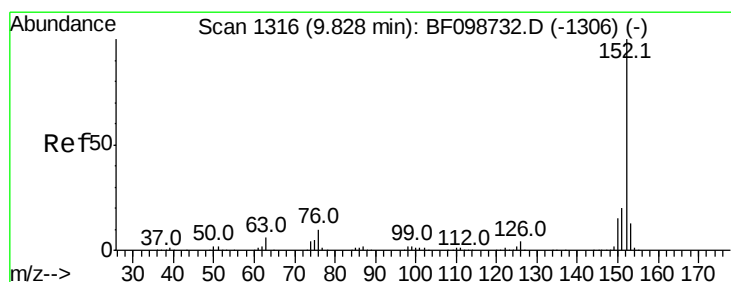
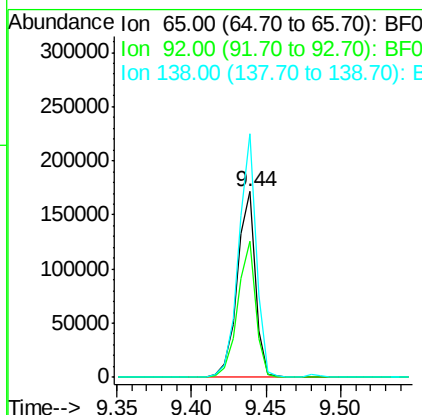
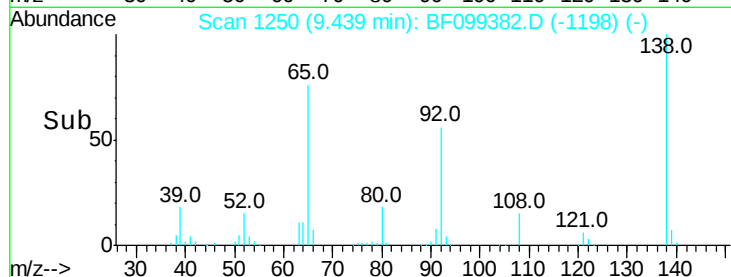
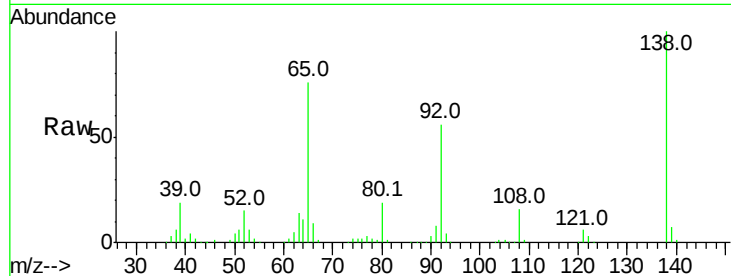
#47
2-Nitroaniline
Concen: 38.691 ng
RT: 9.44 min Scan# 1250
Delta R.T. 0.01 min
Lab File: BF099382.D
Acq: 12 Oct 2017 9:35

Instrument :
BNA_F
ClientSampleId :
PB103152BS

Tot Ion	Ratio	Lower	Upper
65	100		
92	73.2	55.8	83.6
138	131.0	91.2	136.8

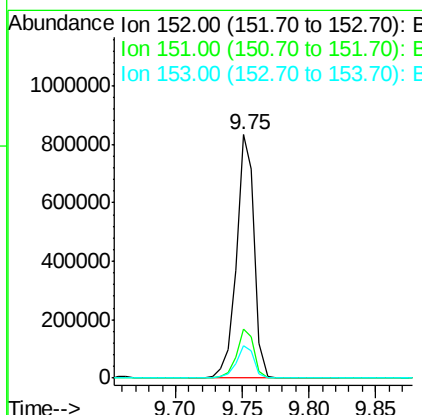
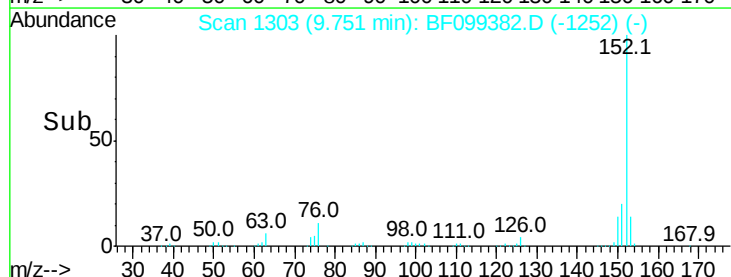
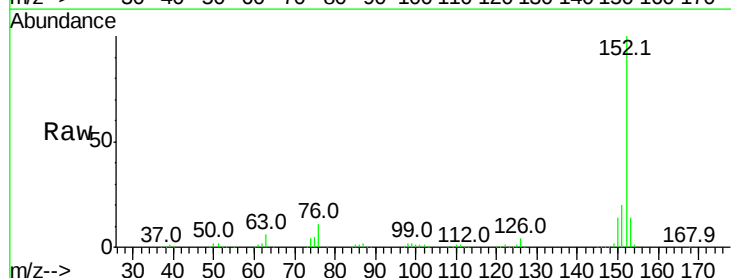
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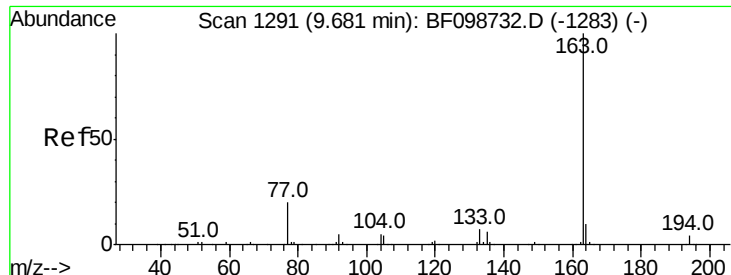
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#48
Acenaphthylene
Concen: 40.421 ng
RT: 9.75 min Scan# 1303
Delta R.T. 0.00 min
Lab File: BF099382.D
Acq: 12 Oct 2017 9:35

Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.2	16.3	24.5
153	13.5	10.7	16.1





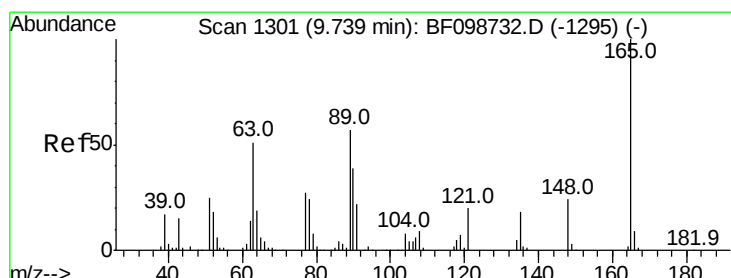
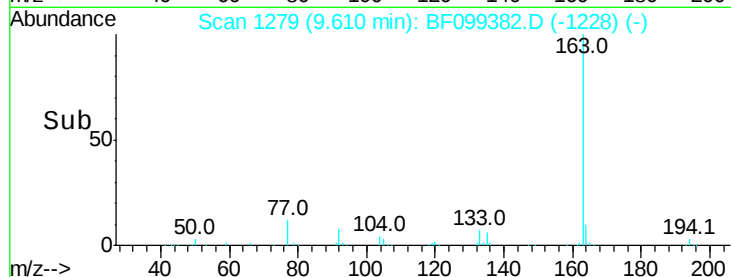
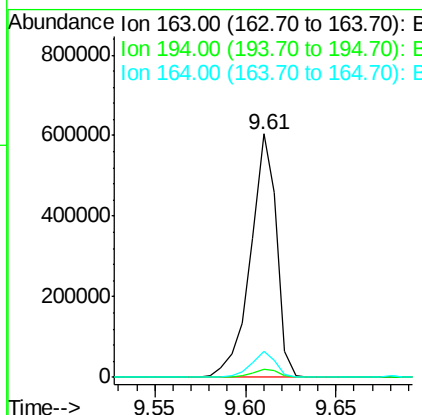
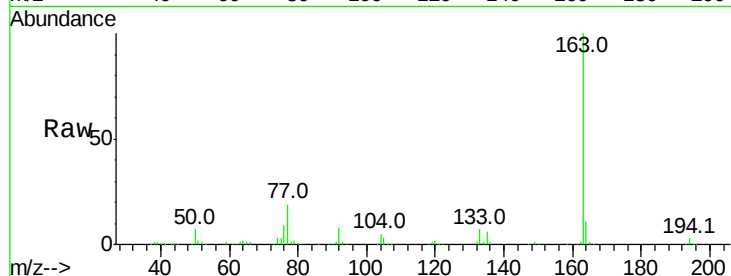
#49
 Dimethylphthalate
 Concen: 41.020 ng
 RT: 9.61 min Scan# 1279
 Delta R.T. 0.00 min
 Lab File: BF099382.D
 Acq: 12 Oct 2017 9:35

Instrument :
 BNA_F
 ClientSampleId :
 PB103152BS

Tot Ion	Ratio	Resp Lower	Upper
163	100		
194	3.3	2.7	4.1
164	10.5	8.2	12.2

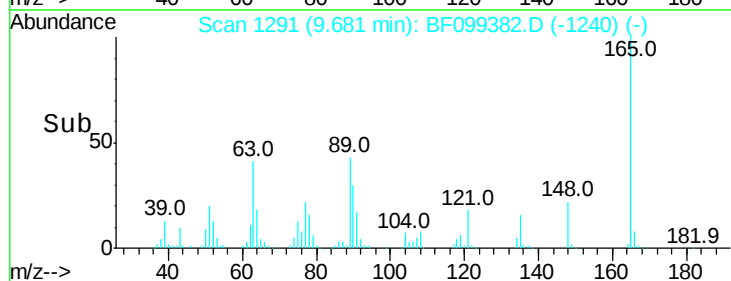
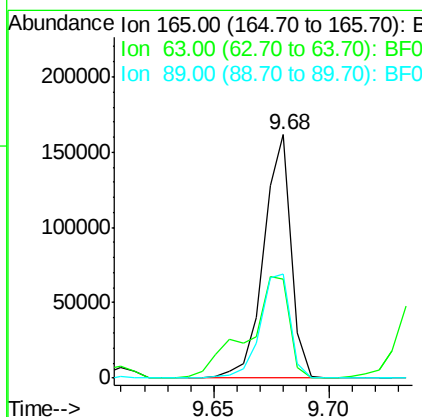
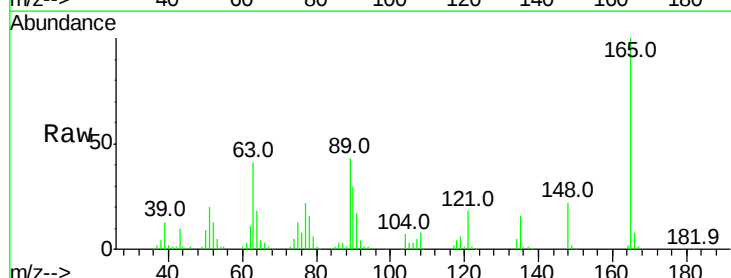
Manual Integrations
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#50
 2,6-Dinitrotoluene
 Concen: 41.793 ng
 RT: 9.68 min Scan# 1291
 Delta R.T. 0.00 min
 Lab File: BF099382.D
 Acq: 12 Oct 2017 9:35

Tgt Ion	Ratio	Resp Lower	Upper
165	100		
63	40.8	44.7	67.1#
89	42.8	44.0	66.0#





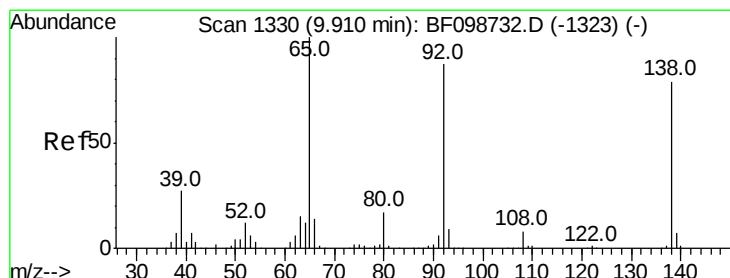
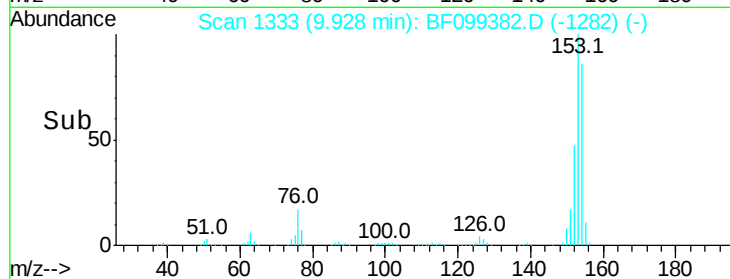
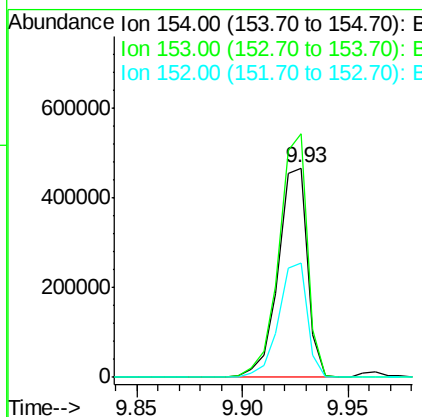
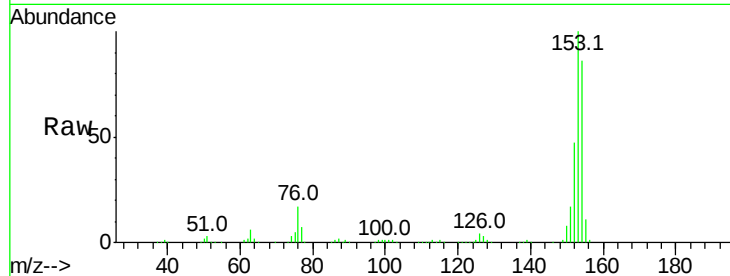
#51
Acenaphthene
Concen: 37.314 ng
RT: 9.93 min Scan# 1333
Delta R.T. 0.00 min
Lab File: BF099382.D
Acq: 12 Oct 2017 9:35

Instrument :
BNA_F
ClientSampleId :
PB103152BS

Tot Ion	Ratio	Lower	Upper
154	100		
153	116.4	91.2	136.8
152	54.9	43.8	65.8

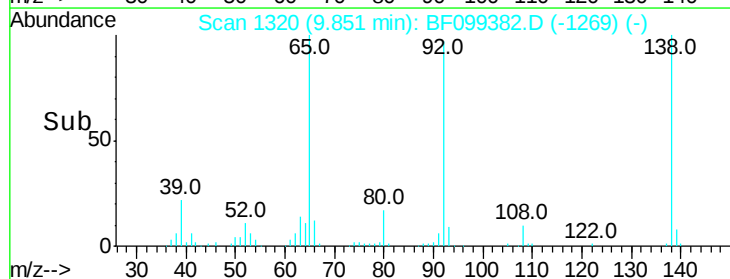
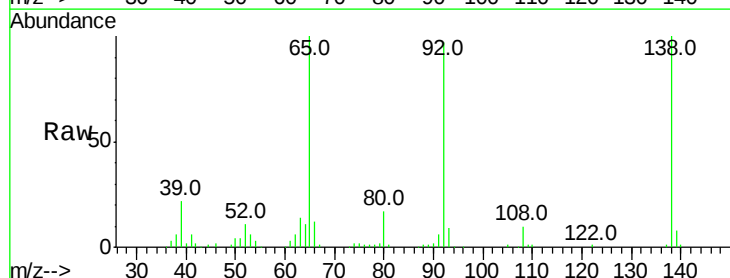
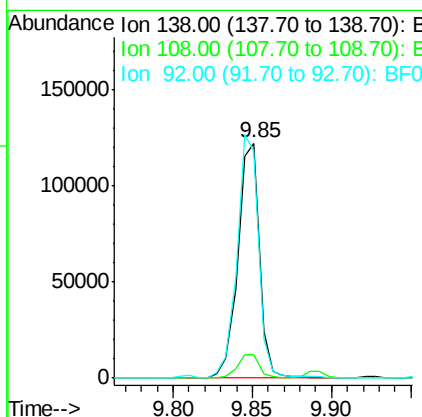
Manual Integrations
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#52
3-Nitroaniline
Concen: 31.346 ng
RT: 9.85 min Scan# 1320
Delta R.T. 0.00 min
Lab File: BF099382.D
Acq: 12 Oct 2017 9:35

Tgt Ion	Ratio	Lower	Upper
138	100		
108	9.8	9.4	14.0
92	96.6	89.4	134.2





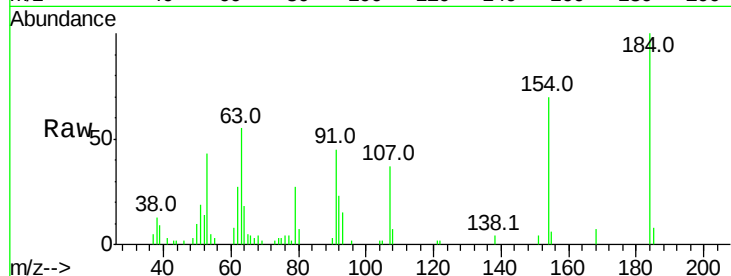
#53
2,4-Dinitrophenol
Concen: 15.704 ng
RT: 9.96 min Scan# 1339
Delta R.T. 0.01 min
Lab File: BF099382.D
Acq: 12 Oct 2017 9:35

Instrument :
BNA_F
ClientSampleId :
PB103152BS

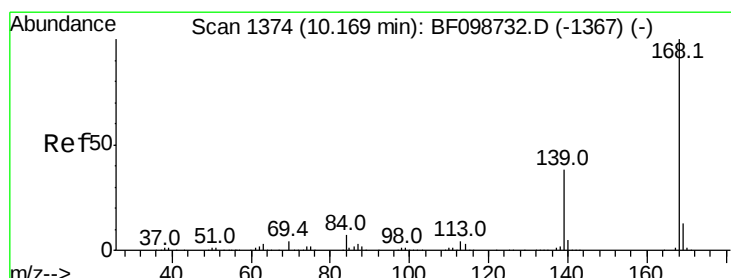
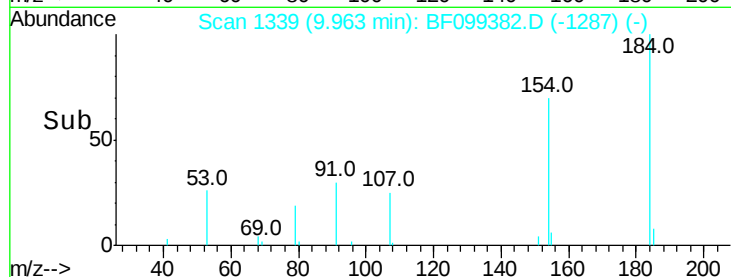
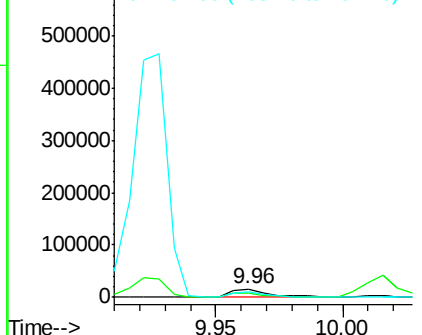
Tot Ion	Ratio	Lower	Upper
184	100		
63	54.8	54.2	81.2
154	70.1	53.5	80.3

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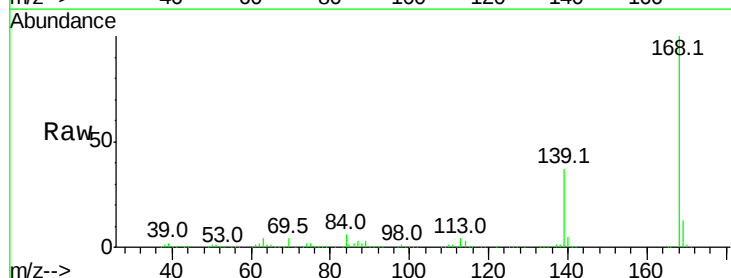


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 154.00 (153.70 to 154.70): E

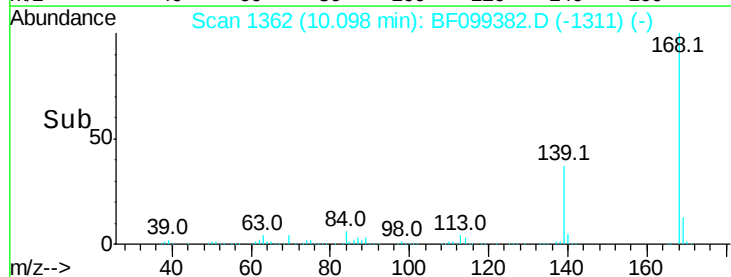
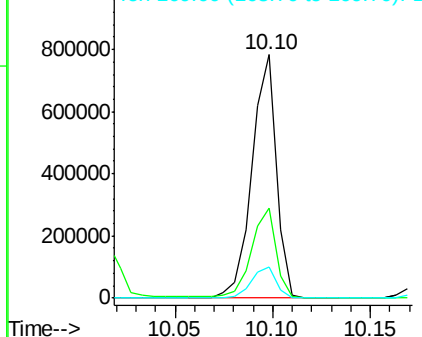


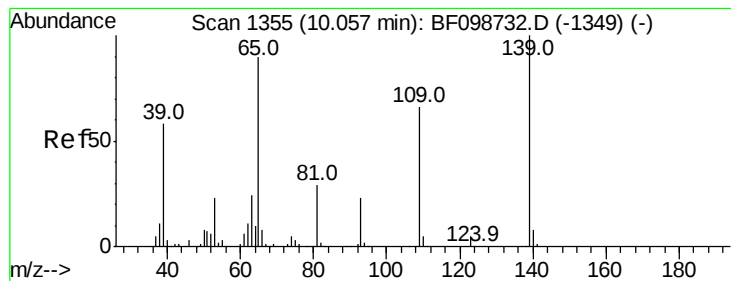
#54
Dibenzofuran
Concen: 42.053 ng
RT: 10.10 min Scan# 1362
Delta R.T. 0.00 min
Lab File: BF099382.D
Acq: 12 Oct 2017 9:35

Tgt Ion	Ratio	Lower	Upper
168	100		
139	36.8	30.1	45.1
169	12.9	10.9	16.3



Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E





#55

4-Nitrophenol

Concen: 52.888 ng

RT: 10.02 min Scan# 1348

Delta R.T. 0.01 min

Lab File: BF099382.D

Acq: 12 Oct 2017 9:35

Instrument :

BNA_F

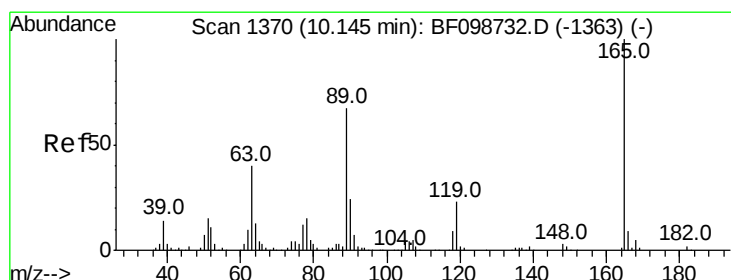
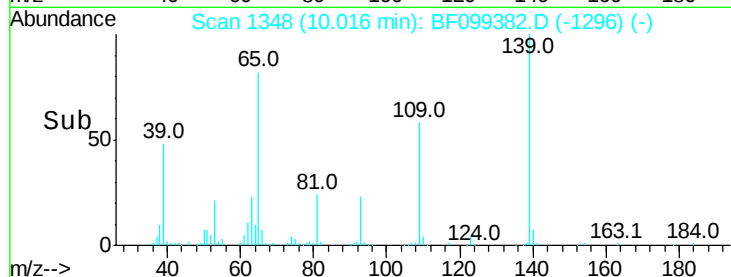
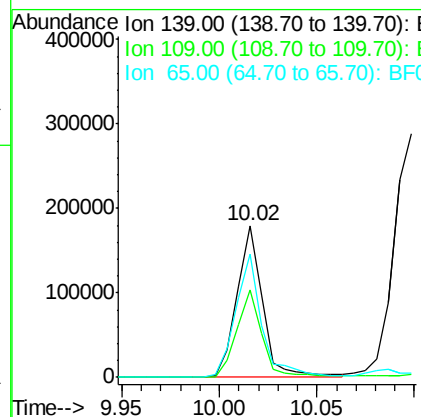
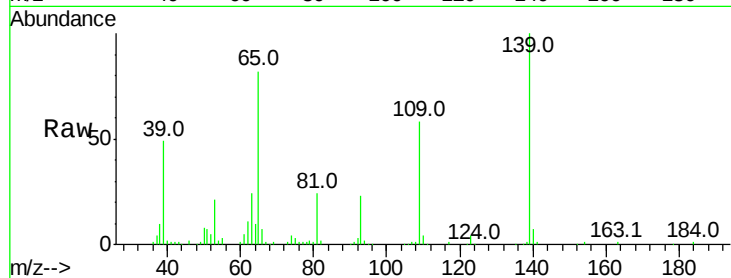
ClientSampleId :

PB103152BS

Tot Ion:	139	Resp:	165555
Ion Ratio	Lower	Upper	
139	100		
109	57.5	48.4	88.4
65	81.6	72.6	112.6

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#56

2,4-Dinitrotoluene

Concen: 40.922 ng

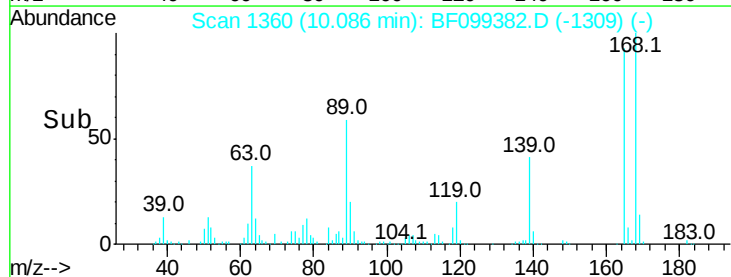
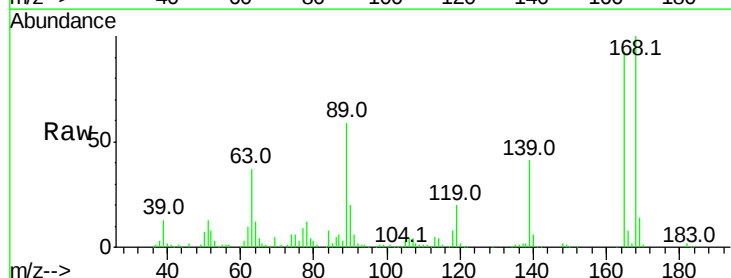
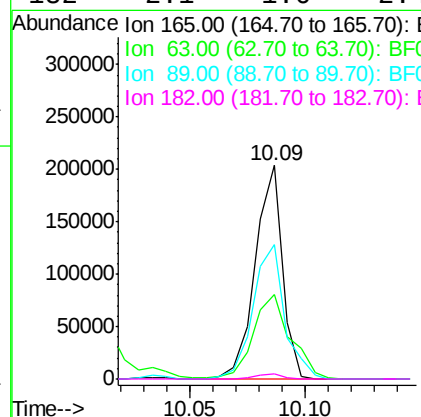
RT: 10.09 min Scan# 1360

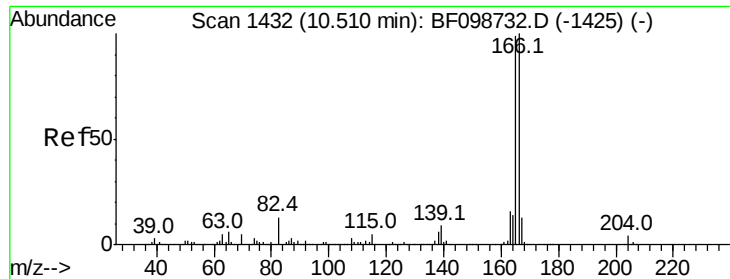
Delta R.T. 0.00 min

Lab File: BF099382.D

Acq: 12 Oct 2017 9:35

Tgt Ion:	165	Resp:	168616
Ion Ratio	Lower	Upper	
165	100		
63	39.5	36.4	54.6
89	63.0	57.8	86.6
182	2.1	1.6	2.4





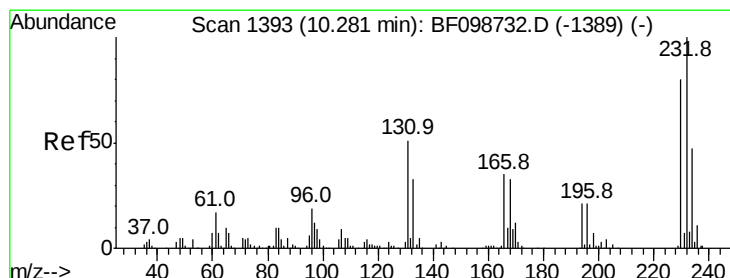
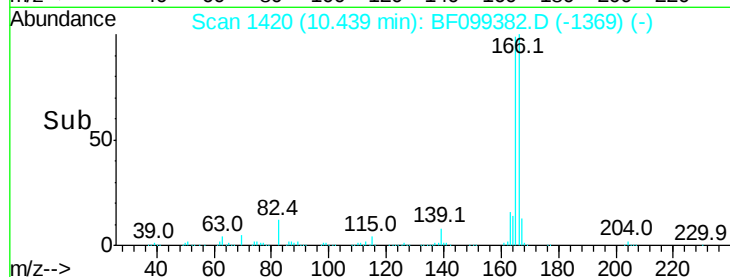
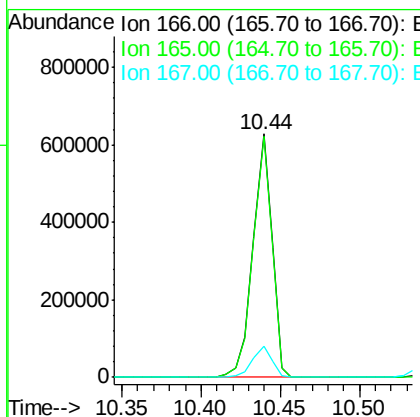
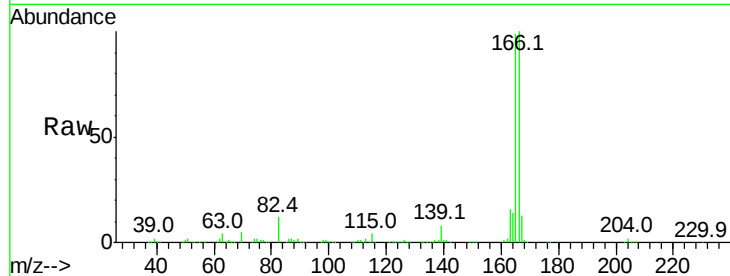
#57
Fluorene
 Concen: 40.727 ng
 RT: 10.44 min Scan# 1420
 Delta R.T. 0.00 min
 Lab File: BF099382.D
 Acq: 12 Oct 2017 9:35

Instrument :
 BNA_F
 ClientSampleId :
 PB103152BS

Tot Ion	Ratio	Resp	Lower	Upper
166	100	526975		
165	99.0	79.8	119.8	
167	13.0	10.6	16.0	

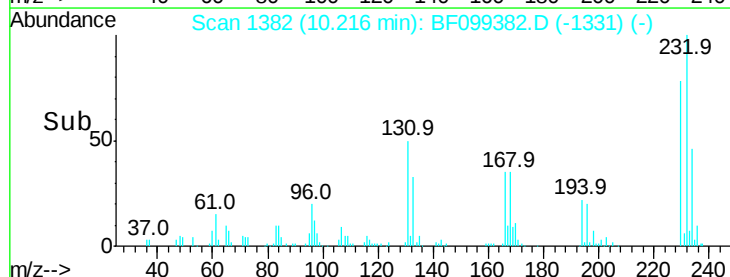
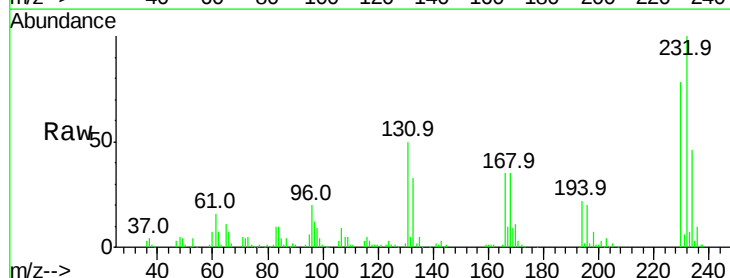
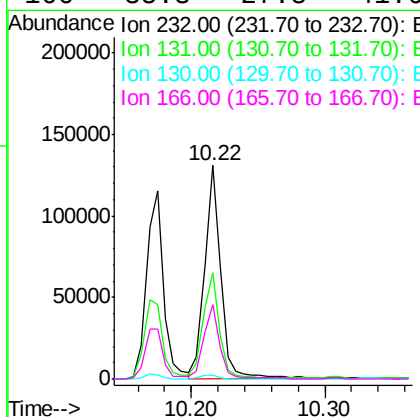
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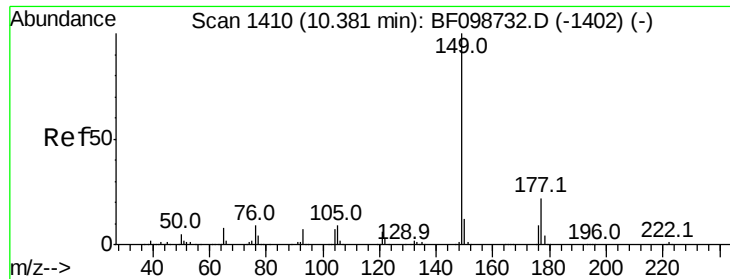
Sohil
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#58
2,3,4,6-Tetrachlorophenol
 Concen: 38.913 ng
 RT: 10.22 min Scan# 1382
 Delta R.T. 0.00 min
 Lab File: BF099382.D
 Acq: 12 Oct 2017 9:35

Tgt Ion	Ratio	Resp	Lower	Upper
232	100	109545		
131	49.8	43.8	65.8	
130	2.2	2.1	3.1	
166	35.3	27.8	41.6	





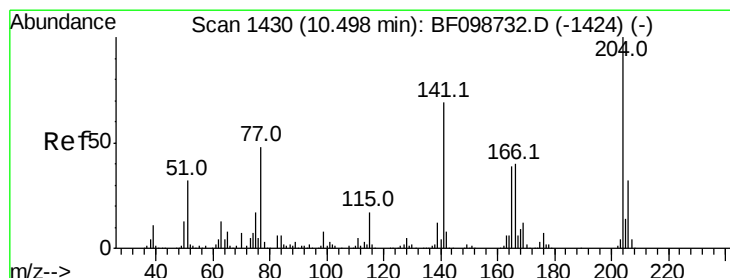
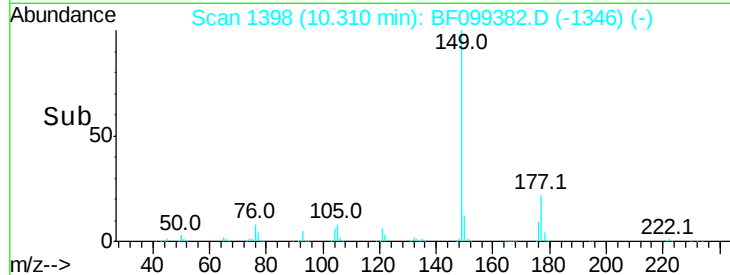
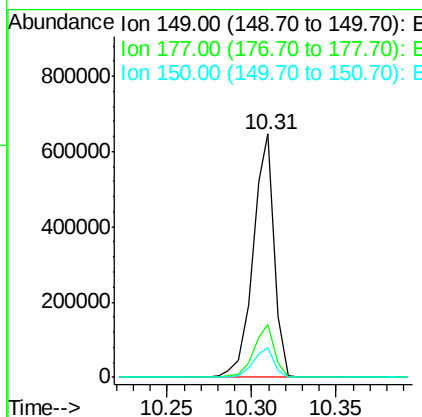
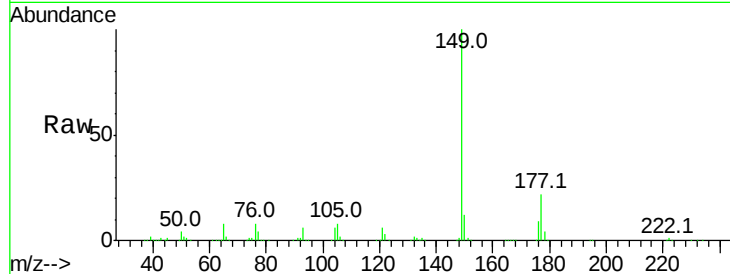
#59
Diethylphthalate
Concen: 39.620 ng
RT: 10.31 min Scan# 1398
Delta R.T. 0.01 min
Lab File: BF099382.D
Acq: 12 Oct 2017 9:35

Instrument :
BNA_F
ClientSampled :
PB103152BS

Tot Ion	Ratio	Resp Lower	Upper
149	100		
177	22.0	16.1	24.1
150	12.4	10.1	15.1

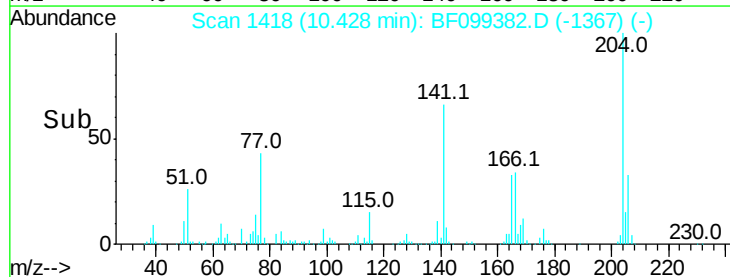
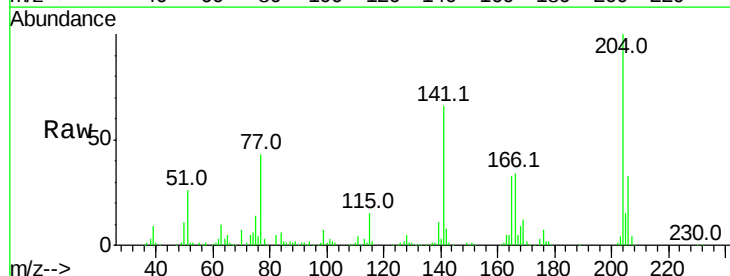
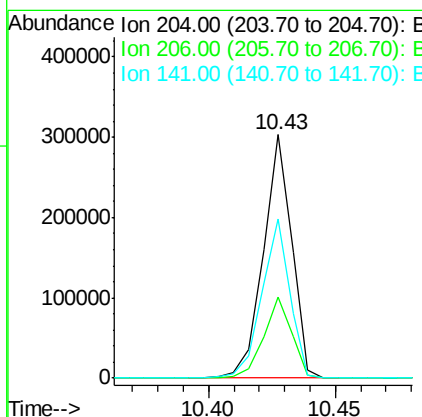
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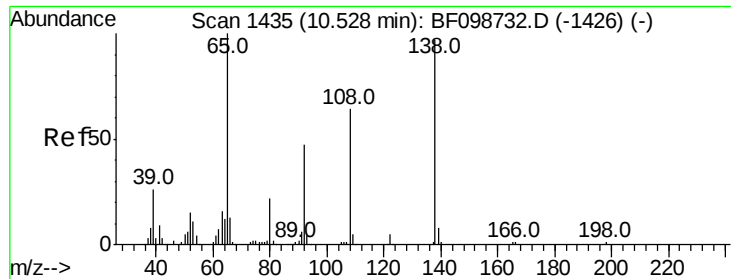
Sohil
10/14/2017 1:03:02 PM



#60
4-Chlorophenyl-phenylether
Concen: 40.951 ng
RT: 10.43 min Scan# 1418
Delta R.T. 0.00 min
Lab File: BF099382.D
Acq: 12 Oct 2017 9:35

Tgt Ion	Ratio	Resp Lower	Upper
204	100		
206	33.3	26.5	39.7
141	65.6	54.6	81.8





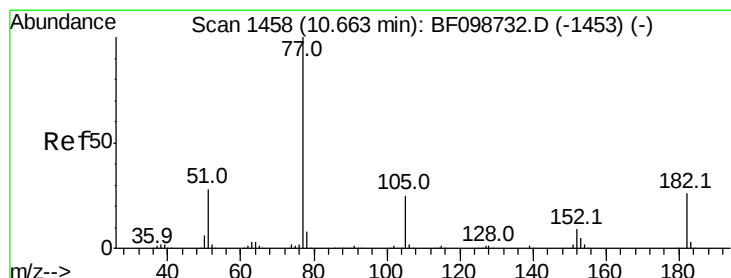
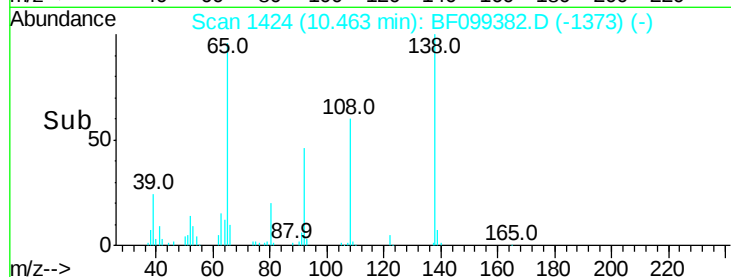
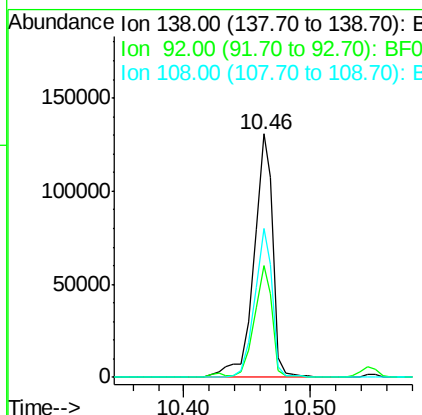
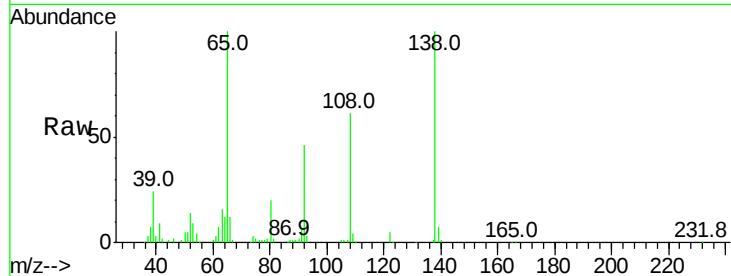
#61
4-Nitroaniline
Concen: 38.499 ng
RT: 10.46 min Scan# 1424
Delta R.T. 0.00 min
Lab File: BF099382.D
Acq: 12 Oct 2017 9:35

Instrument :
BNA_F
ClientSampleId :
PB103152BS

Tot Ion	Ratio	Lower	Upper
138	100		
92	46.2	30.2	70.2
108	61.4	52.5	92.5

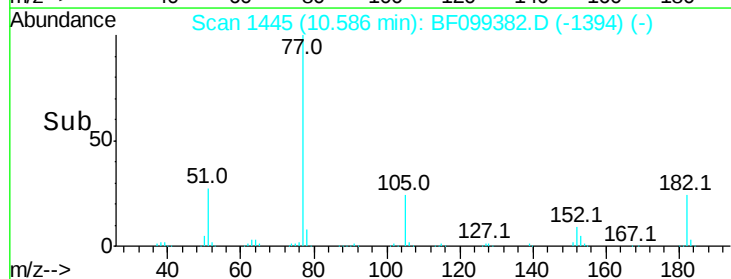
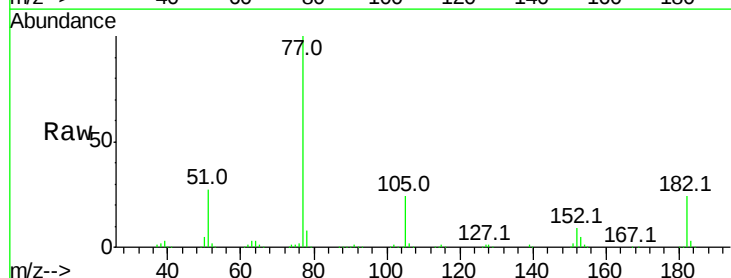
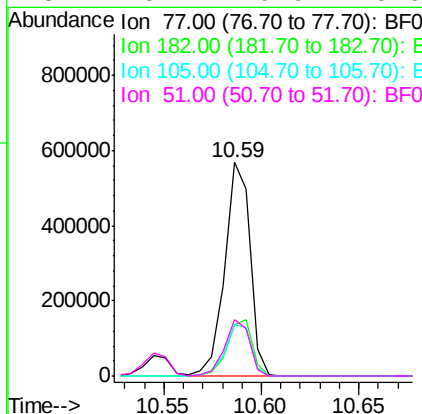
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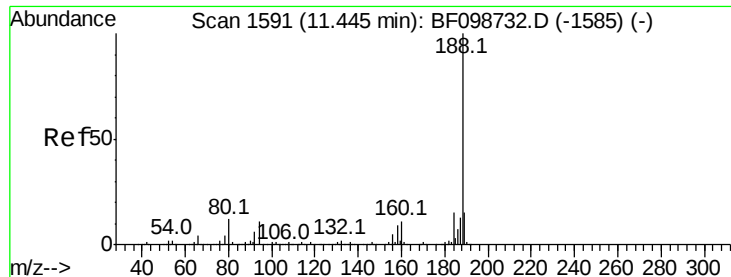
Sohil
10/14/2017 1:03:02 PM



#62
Azobenzene
Concen: 38.942 ng
RT: 10.59 min Scan# 1445
Delta R.T. 0.00 min
Lab File: BF099382.D
Acq: 12 Oct 2017 9:35

Tgt Ion	Ratio	Lower	Upper
77	100		
182	23.8	1.7	41.7
105	24.2	3.0	43.0
51	26.7	9.9	49.9





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.37 min Scan# 1579

Delta R.T. 0.00 min

Lab File: BF099382.D

Acq: 12 Oct 2017 9:35

Instrument :

BNA_F

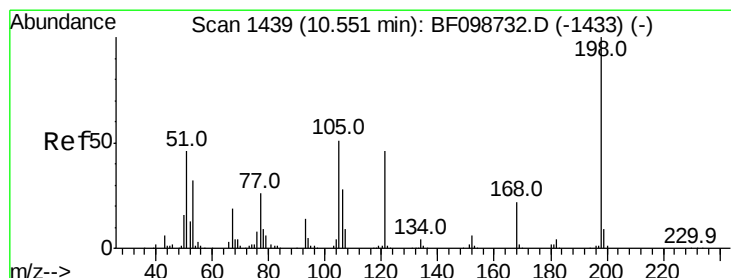
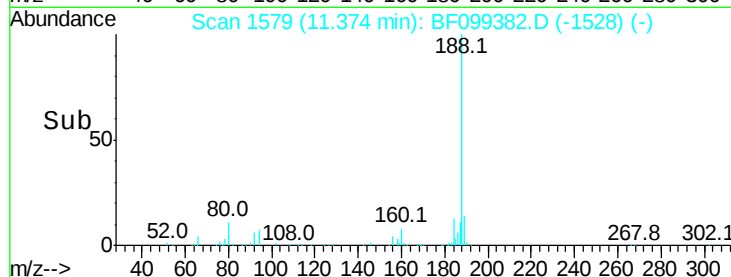
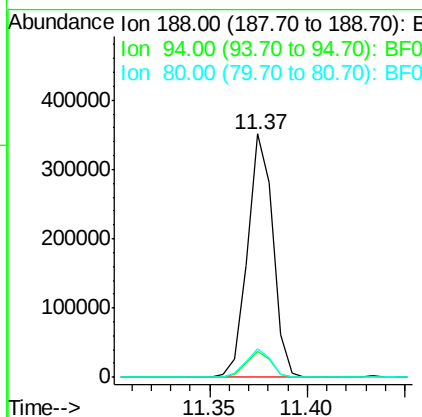
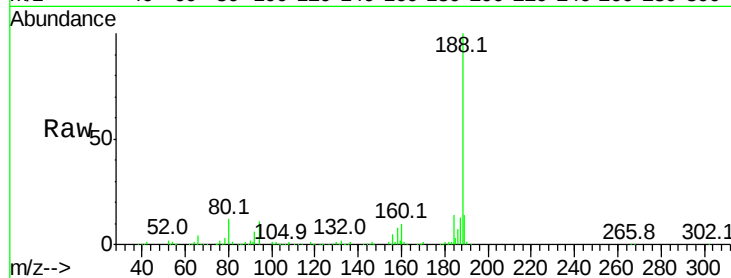
ClientSampleId :

PB103152BS

Tot Ion:188	Resp:	316209
Ion Ratio	Lower	Upper
188 100		
94 10.8	8.5	12.7
80 11.7	9.2	13.8

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#64

4,6-Dinitro-2-methylphenol

Concen: 9.932 ng

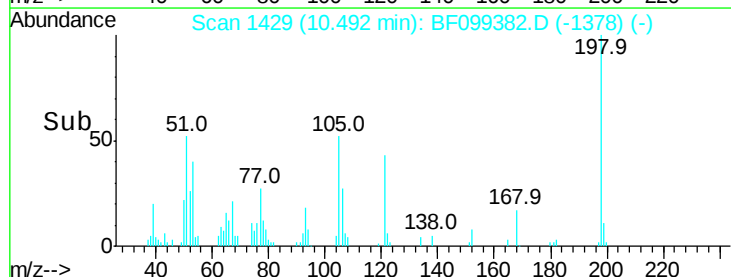
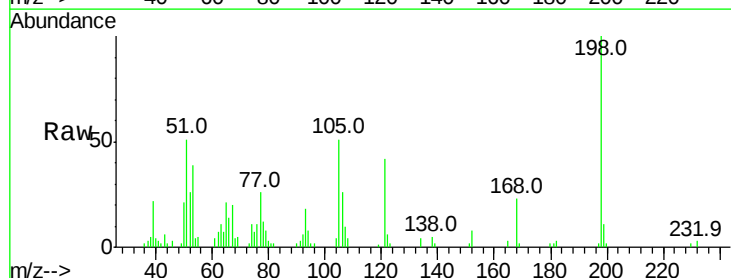
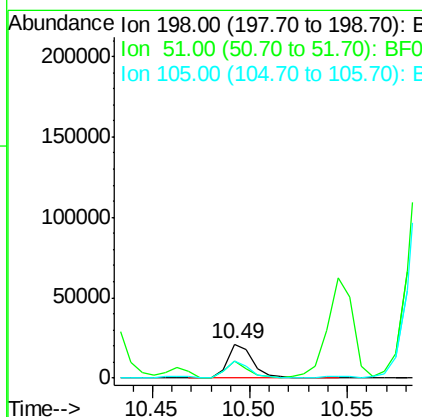
RT: 10.49 min Scan# 1429

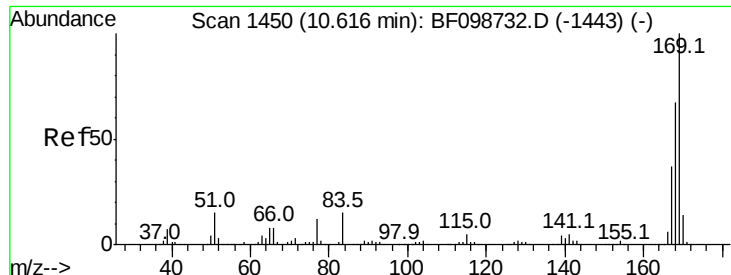
Delta R.T. 0.00 min

Lab File: BF099382.D

Acq: 12 Oct 2017 9:35

Tgt Ion:198	Resp:	19108
Ion Ratio	Lower	Upper
198 100		
51 51.2	37.7	77.7
105 50.6	36.3	76.3





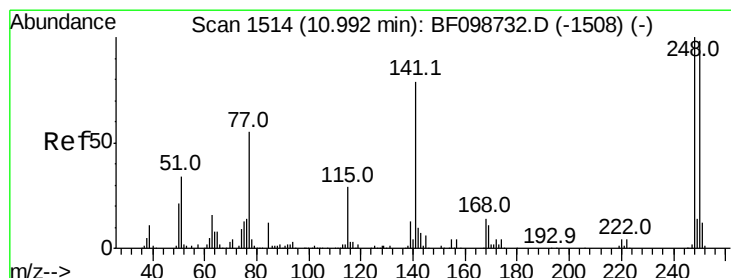
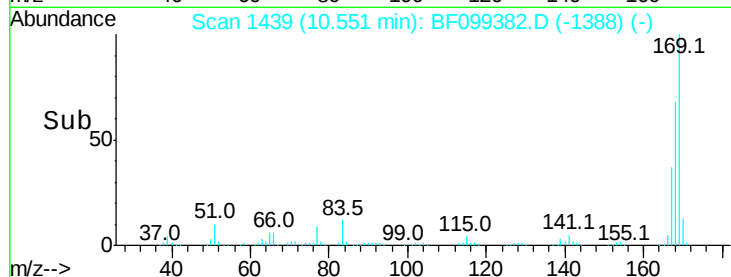
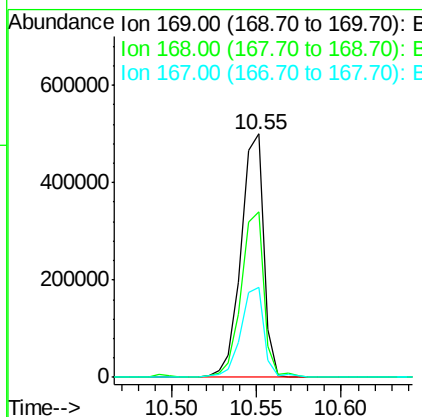
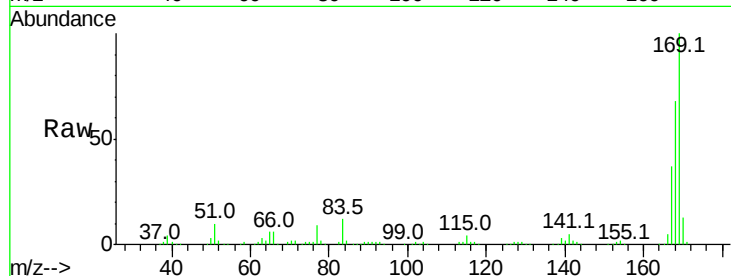
#65
n-Nitrosodiphenylamine
Concen: 43.010 ng
RT: 10.55 min Scan# 1439
Delta R.T. 0.00 min
Lab File: BF099382.D
Acq: 12 Oct 2017 9:35

Instrument :
BNA_F
ClientSampleId :
PB103152BS

Tot Ion	Ratio	Lower	Upper
169	100		
168	67.9	54.4	81.6
167	37.0	29.8	44.6

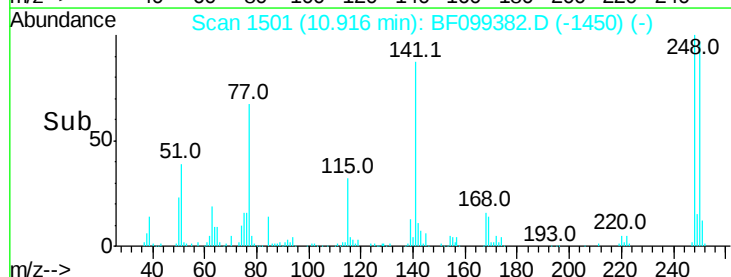
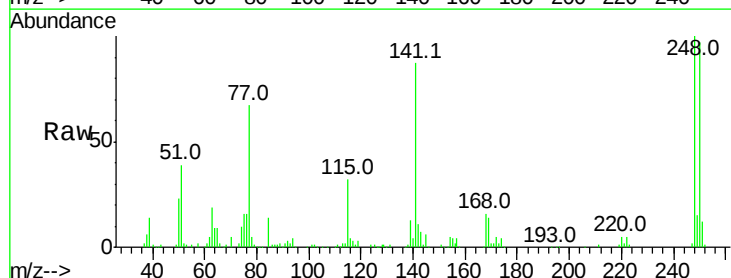
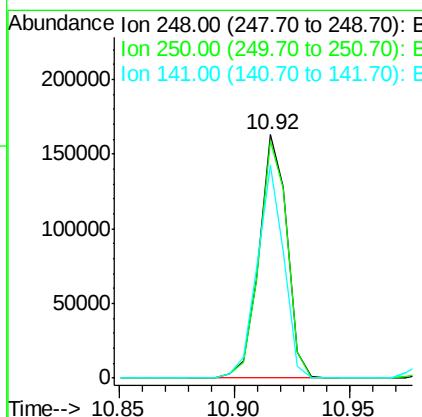
Manual Integrations
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#66
4-Bromophenyl-phenylether
Concen: 44.271 ng
RT: 10.92 min Scan# 1501
Delta R.T. 0.00 min
Lab File: BF099382.D
Acq: 12 Oct 2017 9:35

Tgt Ion	Ratio	Lower	Upper
248	100		
250	97.2	76.9	115.3
141	87.4	74.4	111.6





#67

Hexachlorobenzene

Concen: 41.052 ng

RT: 10.99 min Scan# 1513

Delta R.T. 0.00 min

Lab File: BF099382.D

Acq: 12 Oct 2017 9:35

Instrument :

BNA_F

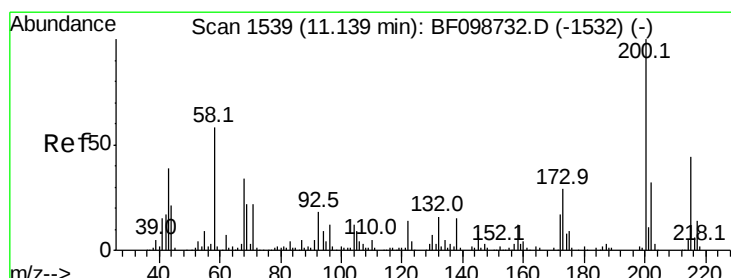
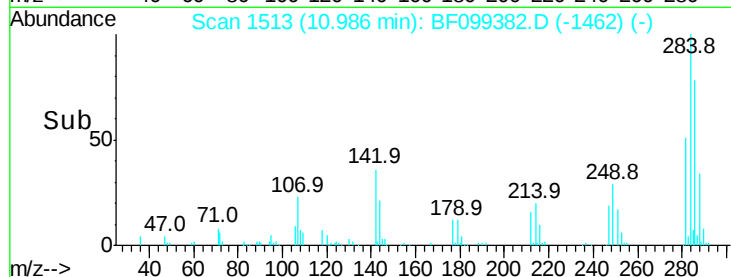
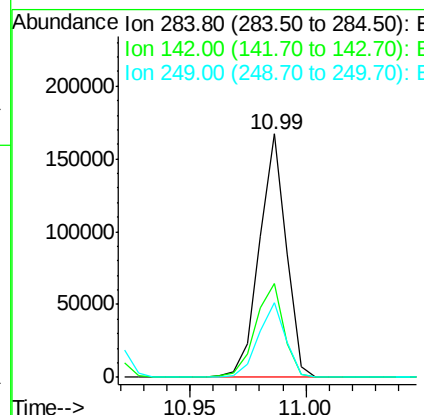
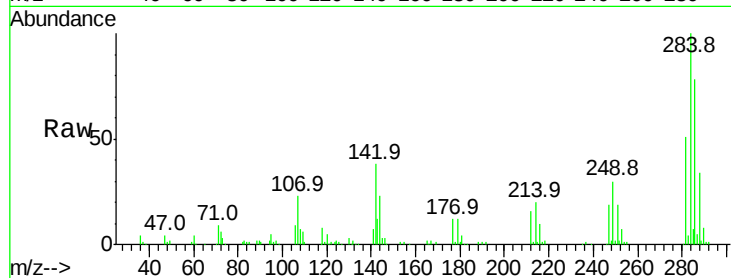
ClientSampleId :

PB103152BS

Tot Ion:	284	Resp:	135710
Ion Ratio	Lower	Upper	
284	100		
142	38.5	34.6	52.0
249	30.5	24.8	37.2

Manual Integrations
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#68

Atrazine

Concen: 43.459 ng

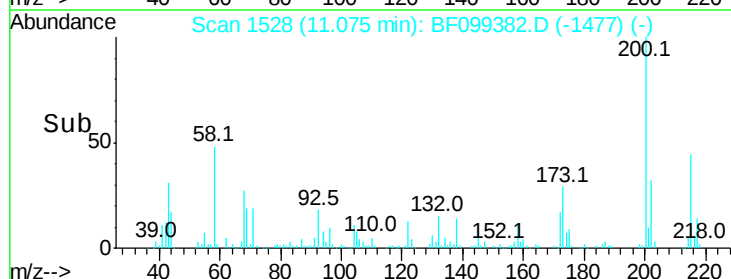
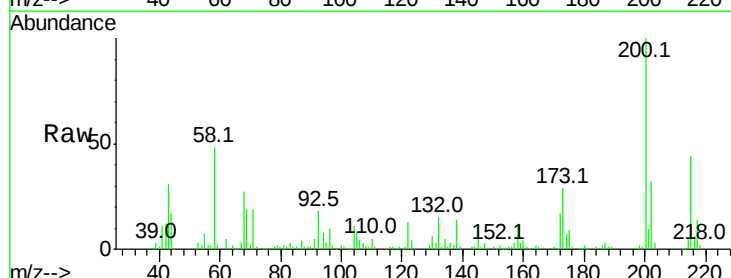
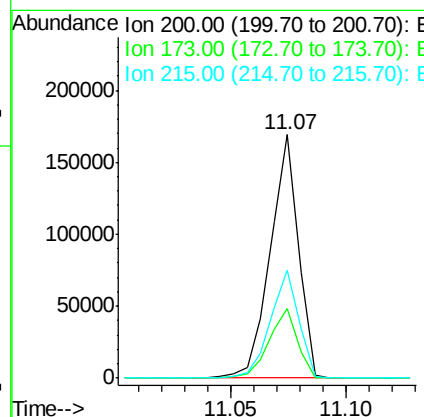
RT: 11.07 min Scan# 1528

Delta R.T. 0.00 min

Lab File: BF099382.D

Acq: 12 Oct 2017 9:35

Tgt Ion:	200	Resp:	143235
Ion Ratio	Lower	Upper	
200	100		
173	28.7	8.6	48.6
215	44.3	25.1	65.1





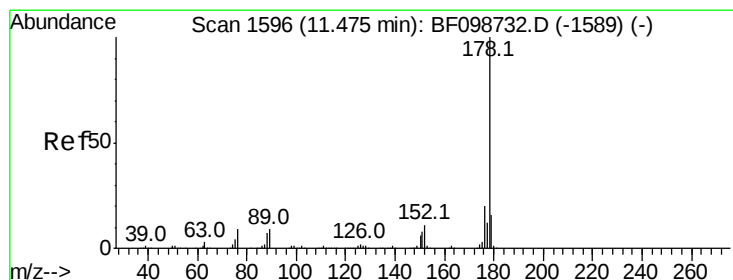
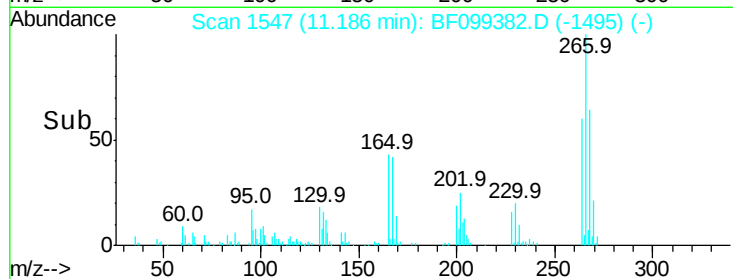
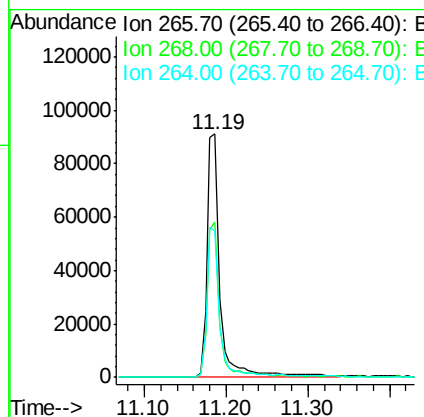
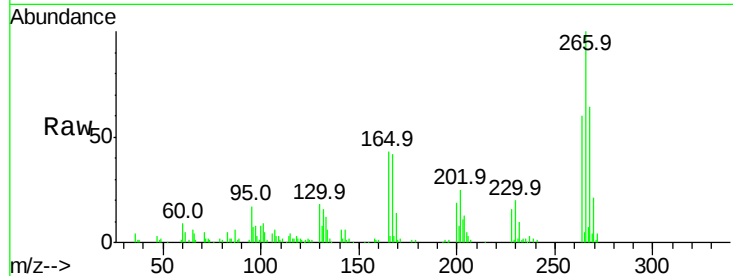
#69
 Pentachlorophenol
 Concen: 49.351 ng
 RT: 11.19 min Scan# 1547
 Delta R.T. 0.01 min
 Lab File: BF099382.D
 Acq: 12 Oct 2017 9:35

Instrument :
 BNA_F
 ClientSampleId :
 PB103152BS

Tot Ion	Ratio	Resp	Lower	Upper
266	100	101534		
268	63.7	51.1	76.7	
264	60.2	49.5	74.3	

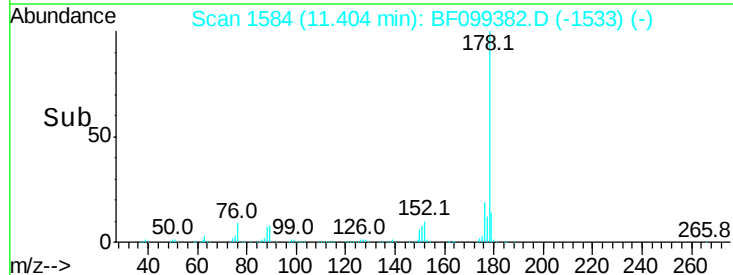
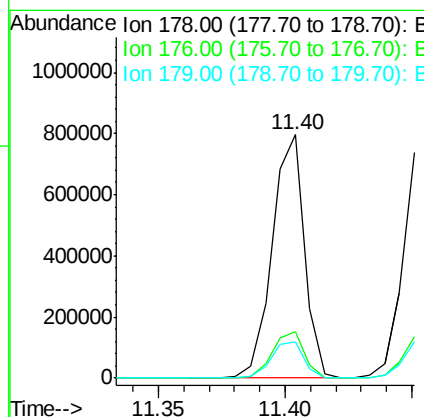
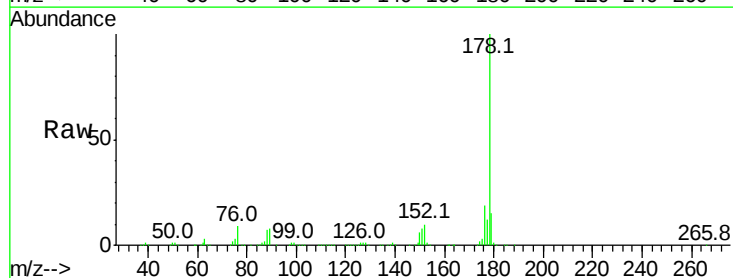
Manual Integrations
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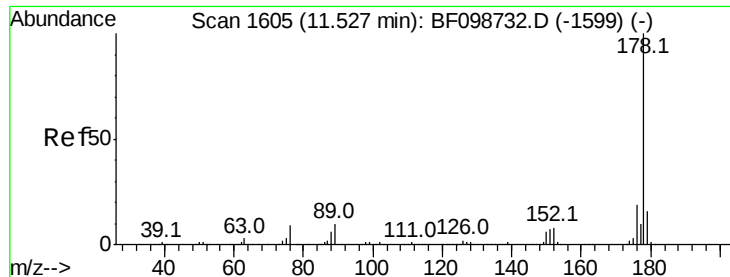
Sohil
 10/14/2017 1:03:02 PM



#70
 Phenanthrene
 Concen: 42.056 ng
 RT: 11.40 min Scan# 1584
 Delta R.T. 0.00 min
 Lab File: BF099382.D
 Acq: 12 Oct 2017 9:35

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	711838		
176	19.3	15.8	23.8	
179	14.7	13.0	19.6	





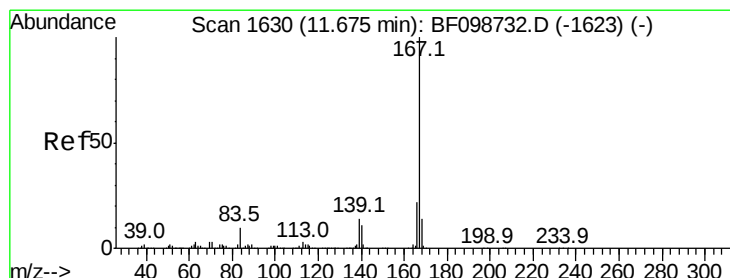
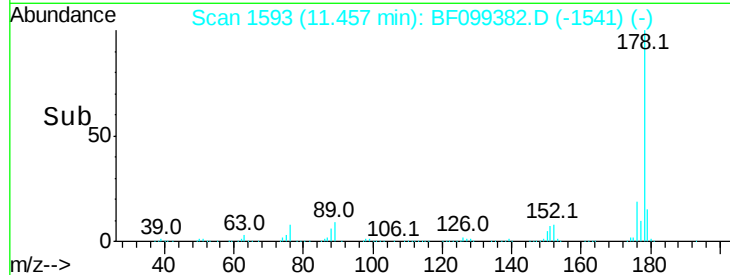
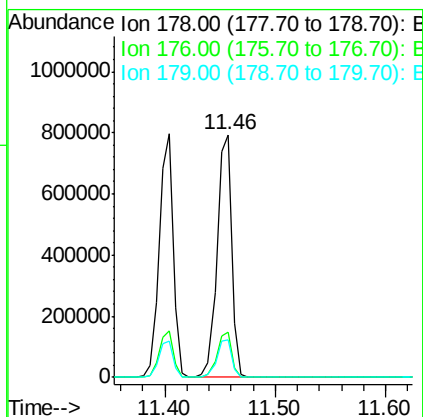
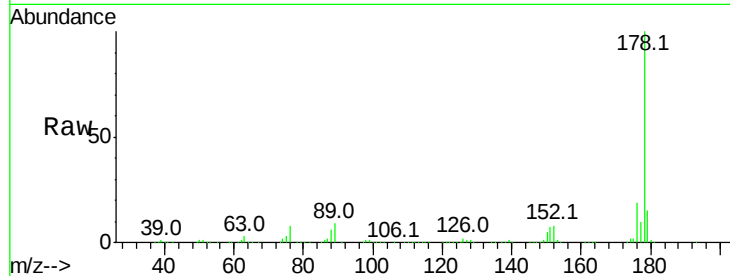
#71
 Anthracene
 Concen: 42.085 ng
 RT: 11.46 min Scan# 1593
 Delta R.T. 0.01 min
 Lab File: BF099382.D
 Acq: 12 Oct 2017 9:35

Instrument :
 BNA_F
 ClientSampled :
 PB103152BS

Tot Ion	Ratio	Lower	Upper
178	100		
176	18.8	15.4	23.2
179	15.3	12.6	19.0

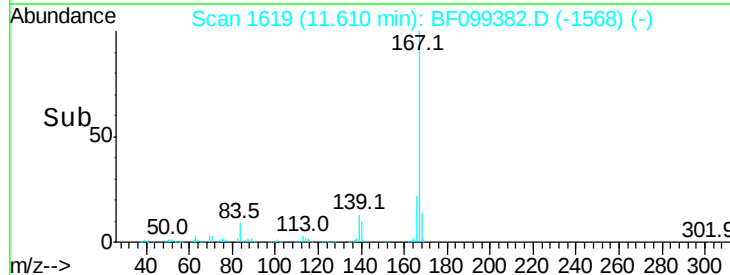
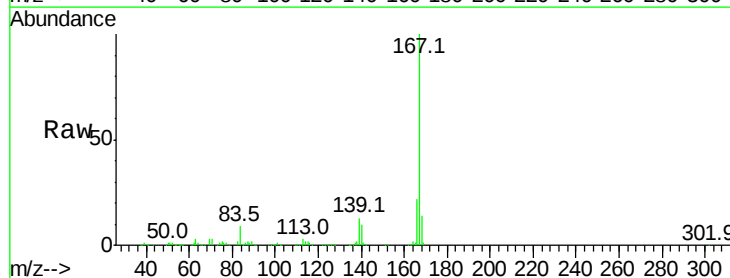
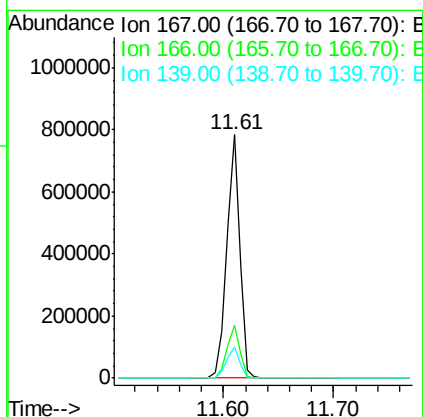
Manual Integrations
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 10/14/2017 1:03:02 PM



#72
 Carbazole
 Concen: 38.359 ng
 RT: 11.61 min Scan# 1619
 Delta R.T. 0.00 min
 Lab File: BF099382.D
 Acq: 12 Oct 2017 9:35

Tgt Ion	Ratio	Lower	Upper
167	100		
166	21.8	17.6	26.4
139	13.0	10.9	16.3





#73

Di-n-butylphthalate

Concen: 41.423 ng

RT: 11.93 min Scan# 1673

Delta R.T. 0.00 min

Lab File: BF099382.D

Acq: 12 Oct 2017 9:35

Instrument :

BNA_F

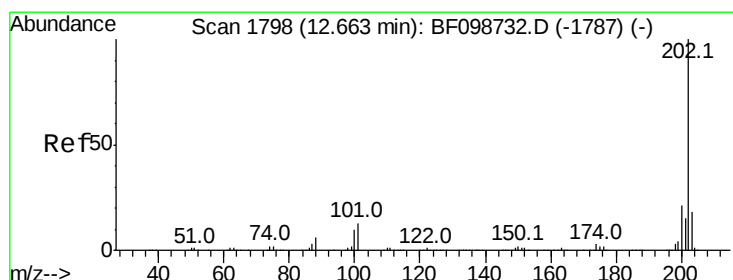
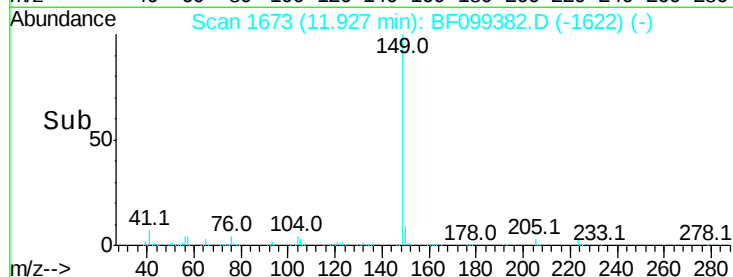
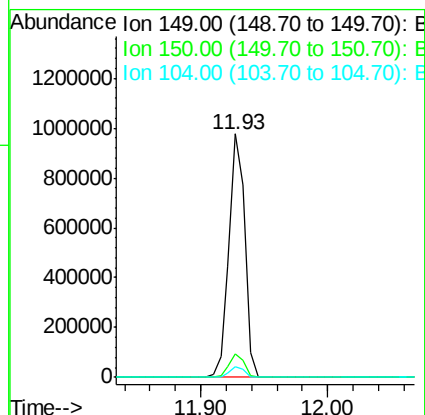
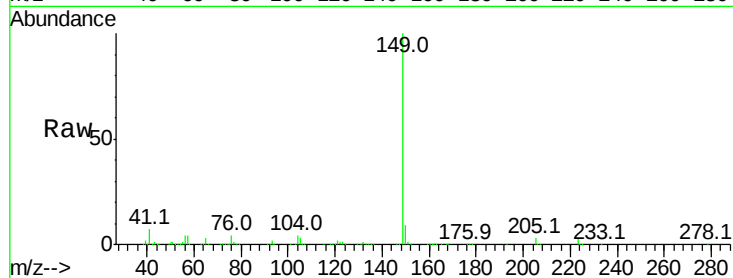
ClientSampleId :

PB103152BS

Tot Ion:	149	Resp:	845580
Ion Ratio	Lower	Upper	
149	100		
150	9.4	7.8	11.6
104	4.4	3.8	5.8

Manual Integrations
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Sohil
10/14/2017 1:03:02 PM



#74

Fluoranthene

Concen: 36.784 ng

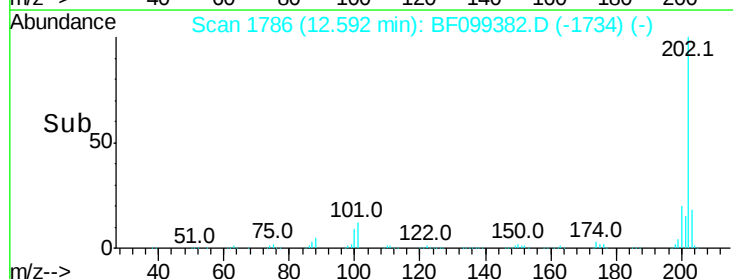
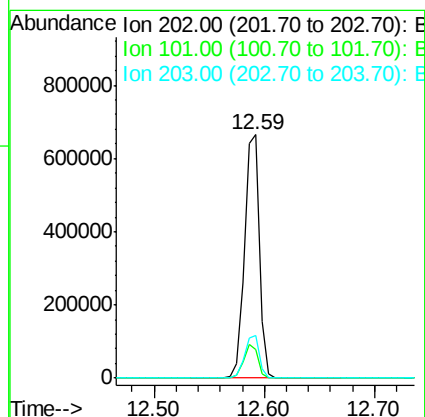
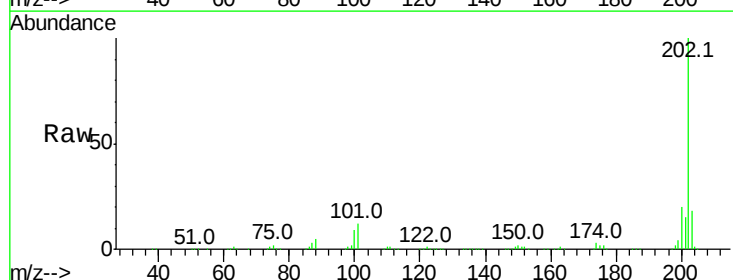
RT: 12.59 min Scan# 1786

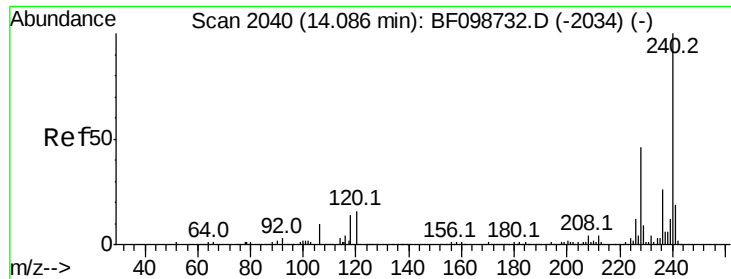
Delta R.T. 0.01 min

Lab File: BF099382.D

Acq: 12 Oct 2017 9:35

Tgt Ion:	202	Resp:	630448
Ion Ratio	Lower	Upper	
202	100		
101	11.9	0.0	34.1
203	17.6	0.0	38.1





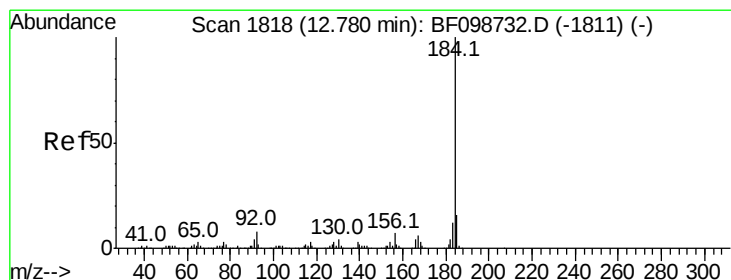
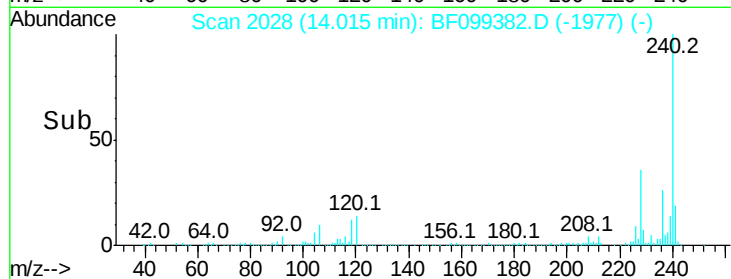
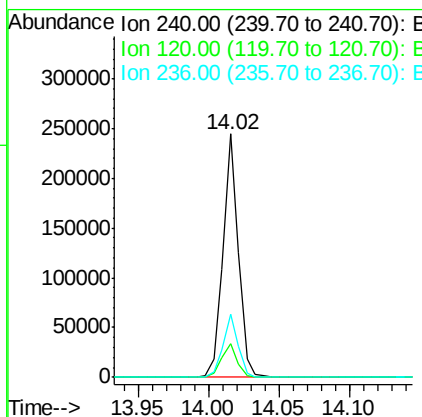
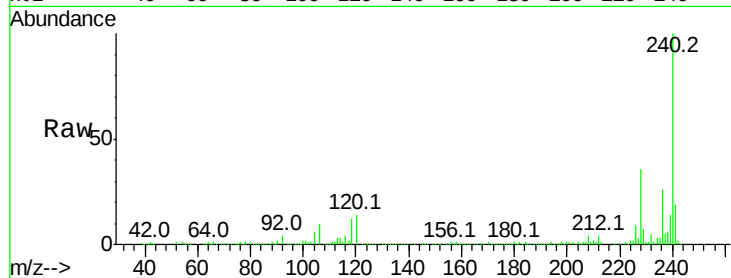
#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 14.02 min Scan# 2028
 Delta R.T. 0.00 min
 Lab File: BF099382.D
 Acq: 12 Oct 2017 9:35

Instrument :
 BNA_F
 ClientSampleId :
 PB103152BS

Tot Ion	Ratio	Resp	Lower	Upper
240	100			
120	14.0	9.5	14.3	
236	25.7	20.7	31.1	

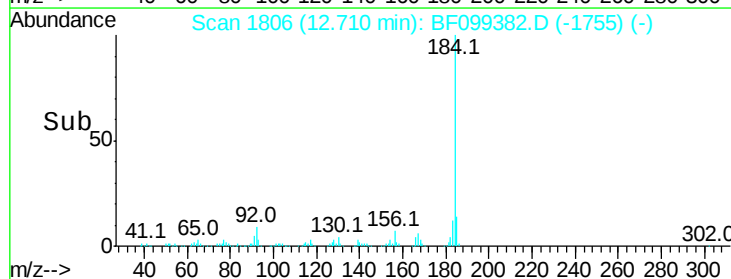
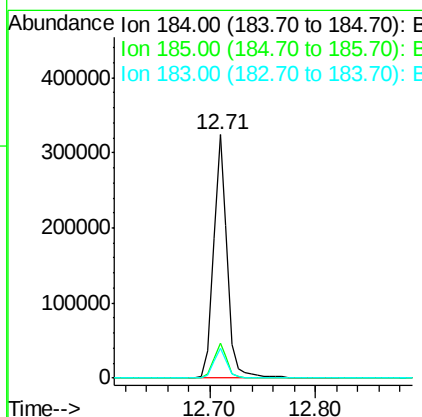
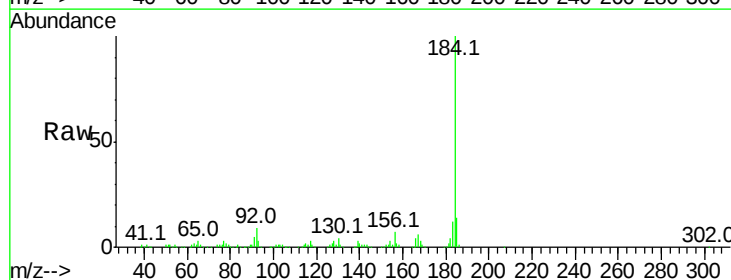
Manual Integrations
 APPROVED

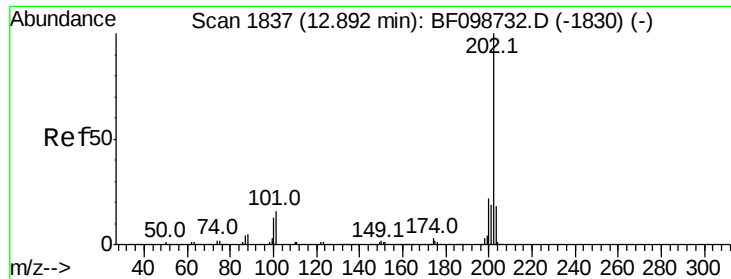
Sohil
 10/14/2017 1:03:02 PM



#76
 Benzidine
 Concen: 43.651 ng
 RT: 12.71 min Scan# 1806
 Delta R.T. 0.00 min
 Lab File: BF099382.D
 Acq: 12 Oct 2017 9:35

Tgt Ion	Ratio	Resp	Lower	Upper
184	100			
185	14.4	12.6	18.8	
183	12.3	9.3	13.9	





#77

Pvrene

Concen: 44.004 ng

RT: 12.82 min Scan# 1825

Delta R.T. 0.00 min

Lab File: BF099382.D

Acq: 12 Oct 2017 9:35

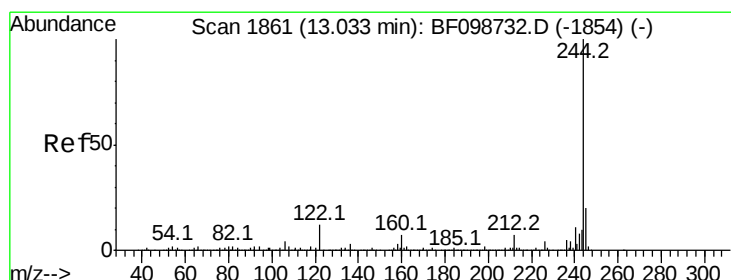
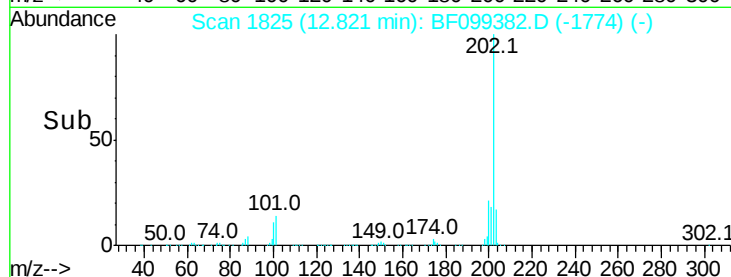
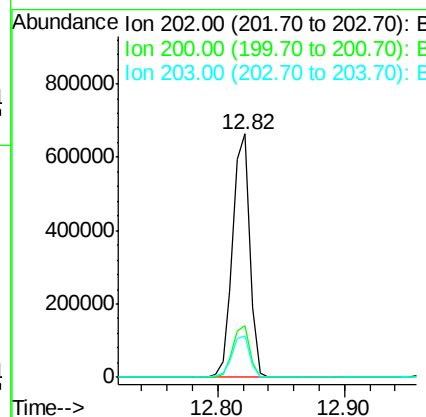
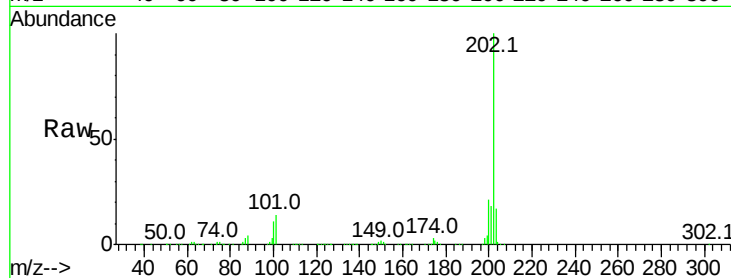
Instrument :
BNA_F

ClientSampleId :
PB103152BS

Tot Ion	Ratio	Resp Lower	Upper
202	100		
200	21.2	17.4	26.2
203	17.0	14.3	21.5

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#78

Terphenyl-d14

Concen: 93.736 ng

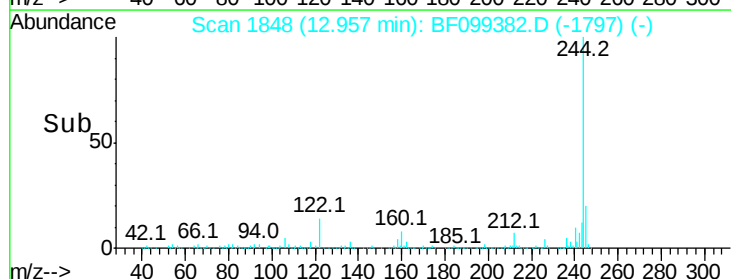
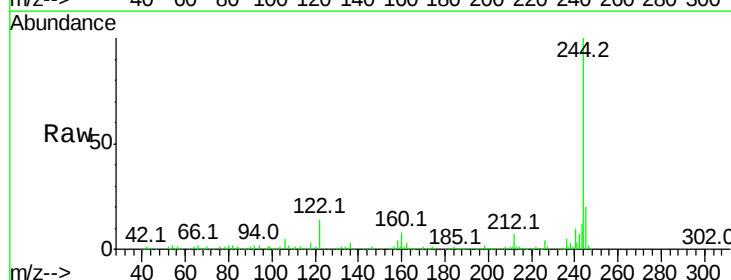
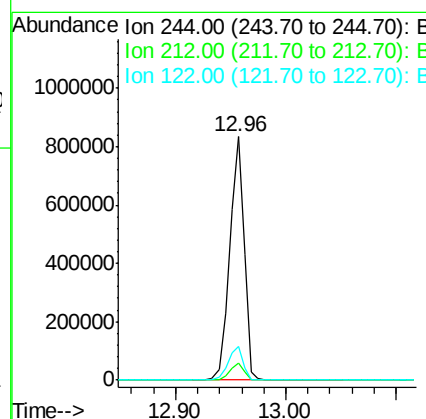
RT: 12.96 min Scan# 1848

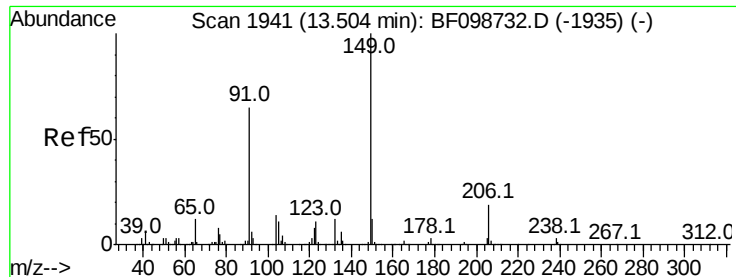
Delta R.T. 0.00 min

Lab File: BF099382.D

Acq: 12 Oct 2017 9:35

Tgt Ion	Ratio	Resp Lower	Upper
244	100		
212	6.9	5.4	8.0
122	13.8	11.0	16.4





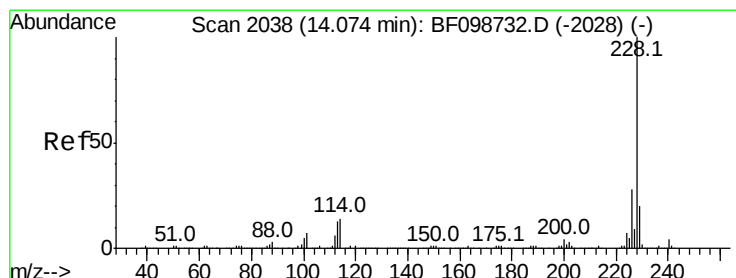
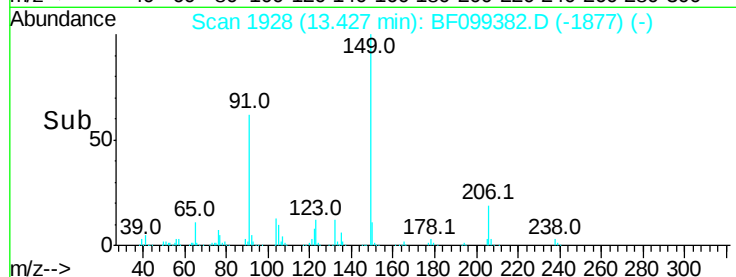
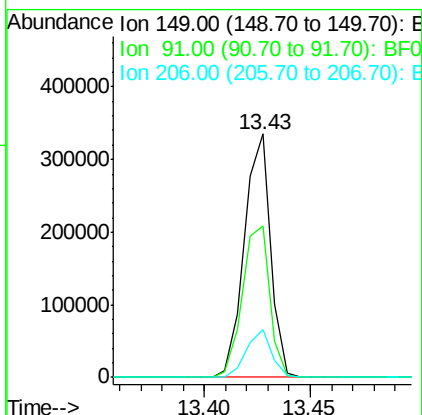
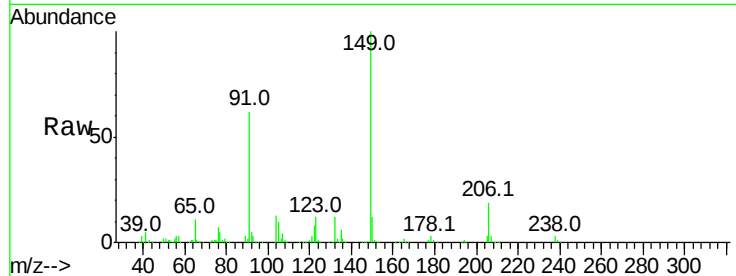
#79
Butylbenzylphthalate
Concen: 43.595 ng
RT: 13.43 min Scan# 1928
Delta R.T. 0.00 min
Lab File: BF099382.D
Acq: 12 Oct 2017 9:35

Instrument :
BNA_F
ClientSampleId :
PB103152BS

Tot Ion	Ratio	Resp	Lower	Upper
149	100	288532		
91	62.4	56.8	85.2	
206	19.4	14.1	21.1	

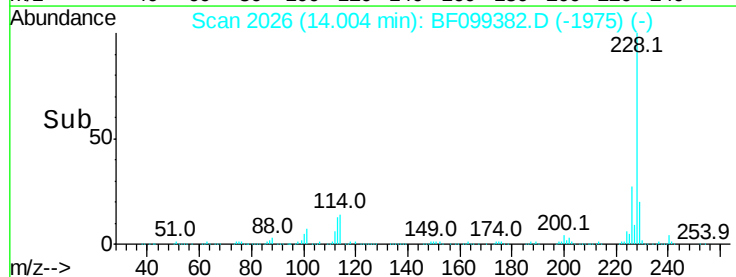
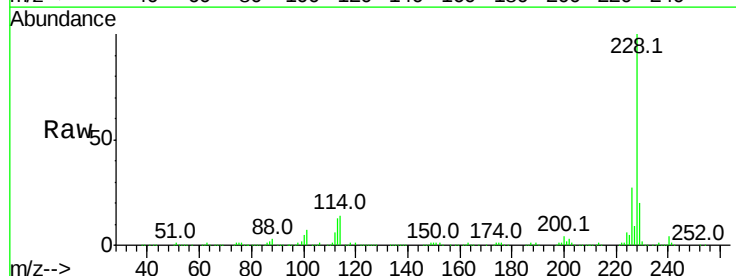
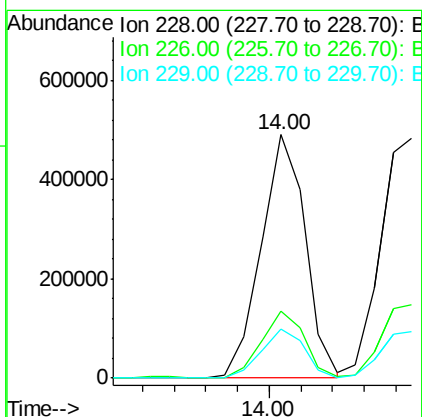
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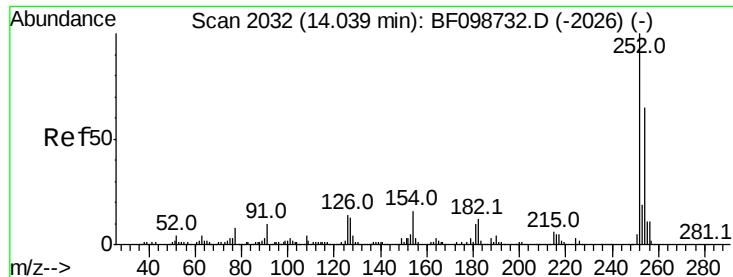
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#80
Benzo(a)anthracene
Concen: 42.445 ng
RT: 14.00 min Scan# 2026
Delta R.T. 0.00 min
Lab File: BF099382.D
Acq: 12 Oct 2017 9:35

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	474654		
226	27.3	22.6	33.8	
229	20.0	15.8	23.6	





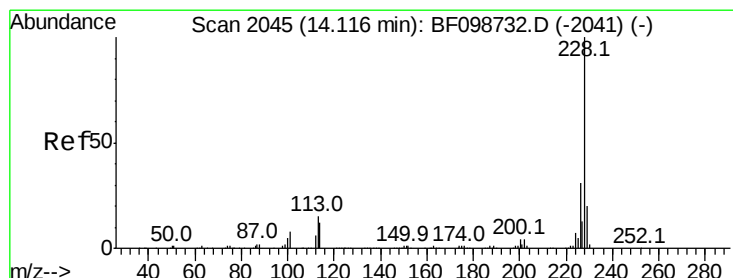
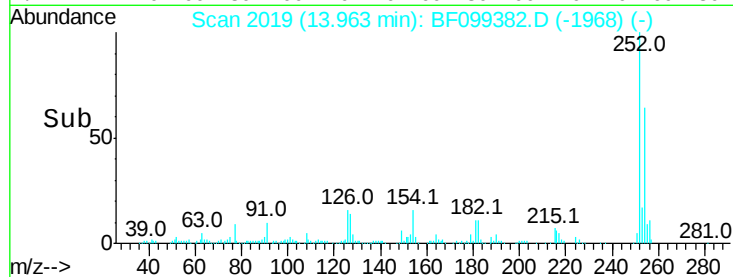
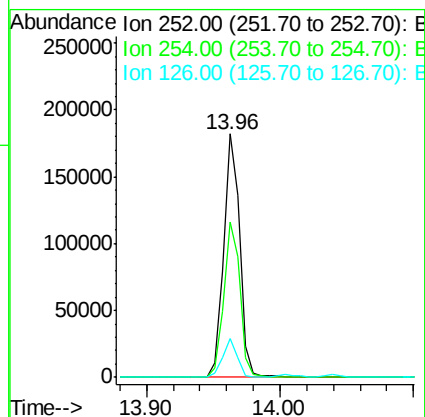
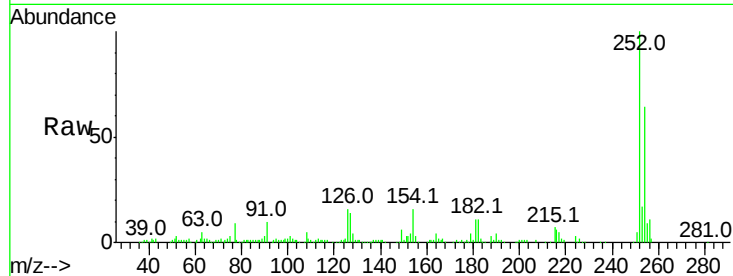
#81
 3,3'-Dichlorobenzidine
 Concen: 37.975 ng
 RT: 13.96 min Scan# 2019
 Delta R.T. 0.00 min
 Lab File: BF099382.D
 Acq: 12 Oct 2017 9:35

Instrument :
 BNA_F
 ClientSampleID :
 PB103152BS

Tot Ion	Ratio	Resp	Lower	Upper
252	100	155678		
254	63.6	50.4	75.6	
126	15.7	11.3	16.9	

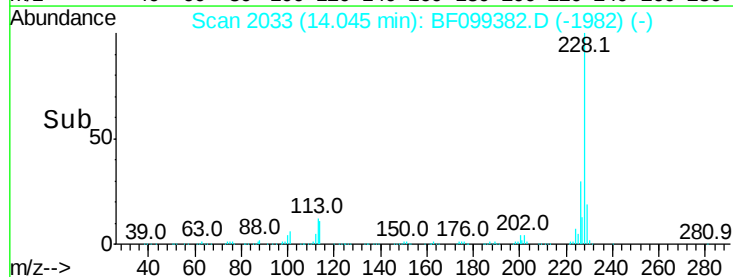
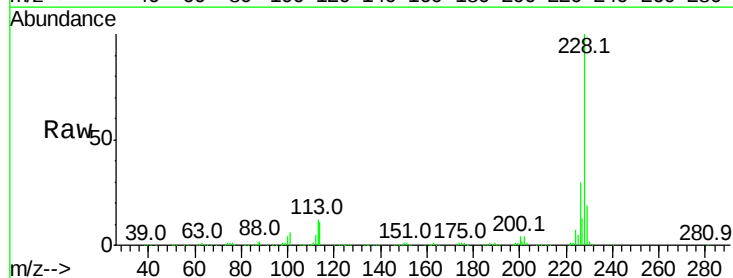
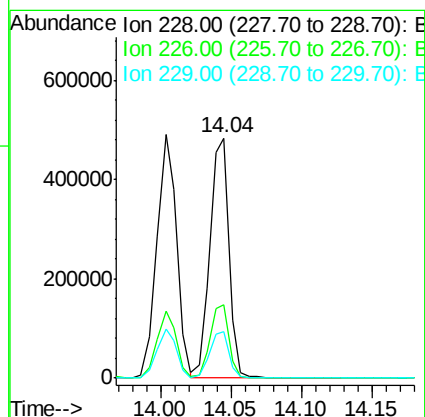
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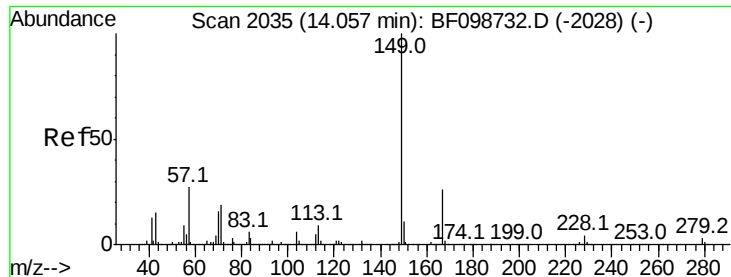
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#82
 Chrysene
 Concen: 42.555 ng
 RT: 14.04 min Scan# 2033
 Delta R.T. 0.00 min
 Lab File: BF099382.D
 Acq: 12 Oct 2017 9:35

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	453062		
226	30.4	25.0	37.6	
229	19.1	16.2	24.4	





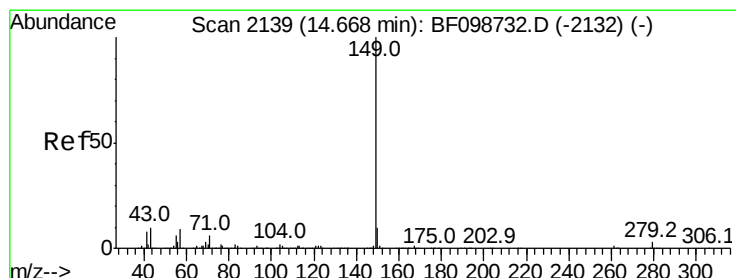
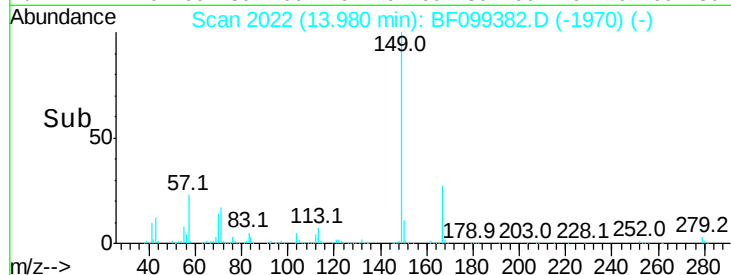
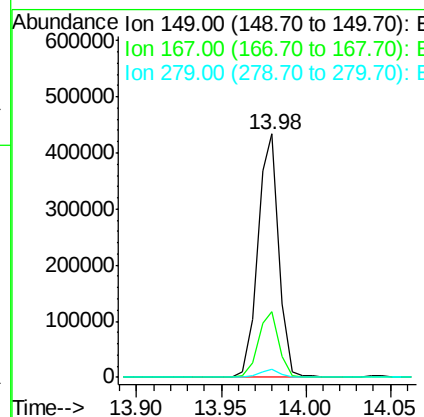
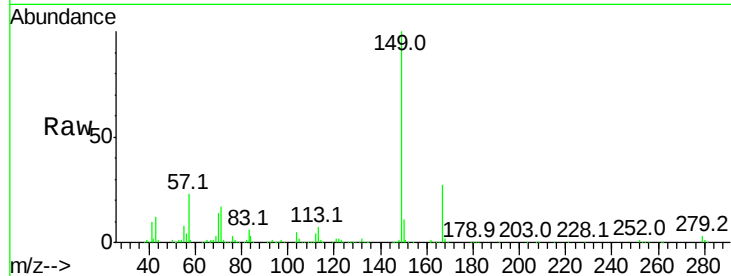
#83
Bis(2-ethylhexyl)phthalate
Concen: 41.327 ng
RT: 13.98 min Scan# 2022
Delta R.T. 0.01 min
Lab File: BF099382.D
Acq: 12 Oct 2017 9:35

Instrument :
BNA_F
ClientSampleId :
PB103152BS

Tot Ion	Ratio	Resp	Lower	Upper
149	100			
167	26.8	21.3	31.9	
279	3.3	3.0	4.4	

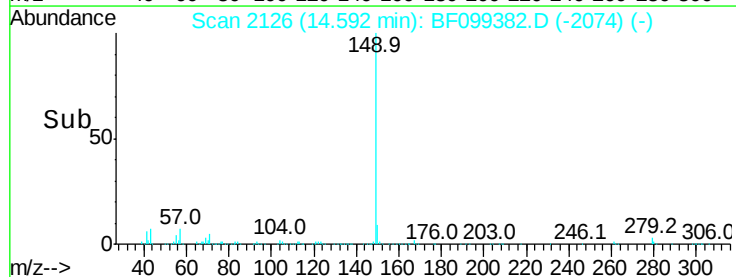
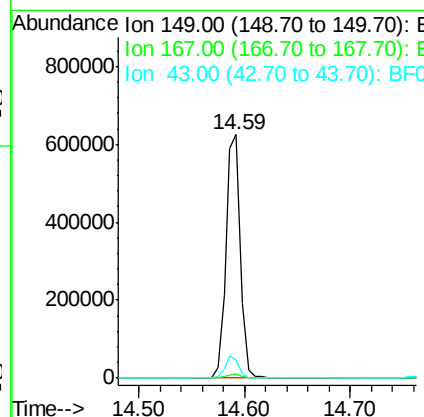
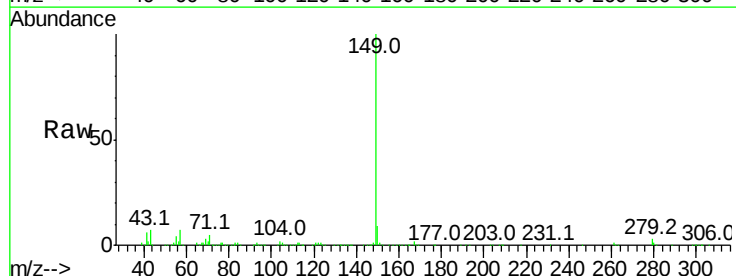
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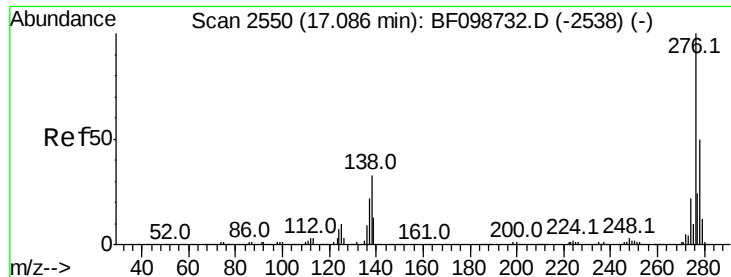
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#84
Di-n-octyl phthalate
Concen: 40.550 ng
RT: 14.59 min Scan# 2126
Delta R.T. 0.01 min
Lab File: BF099382.D
Acq: 12 Oct 2017 9:35

Tgt Ion	Ratio	Resp	Lower	Upper
149	100			
167	1.5	1.2	1.8	
43	8.5	8.4	12.6	





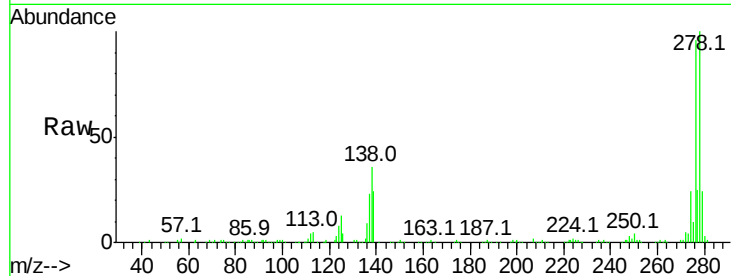
#85
Indeno(1,2,3-cd)pyrene
Concen: 55.752 ng
RT: 16.97 min Scan# 2531
Delta R.T. 0.01 min
Lab File: BF099382.D
Acq: 12 Oct 2017 9:35

Instrument :
BNA_F
ClientSampled :
PB103152BS

Tot Ion	Ratio	Lower	Upper
276	100		
138	34.8	25.0	37.6
277	25.2	20.1	30.1

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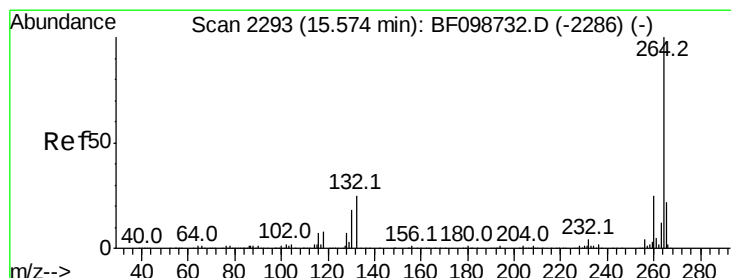
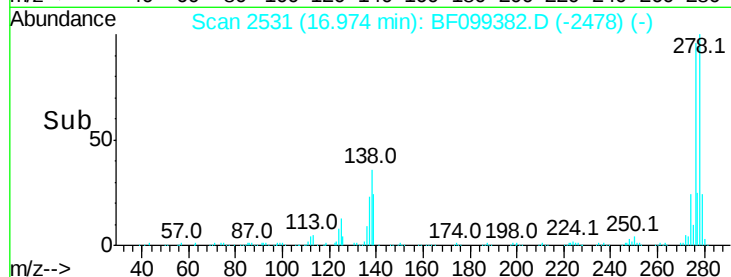
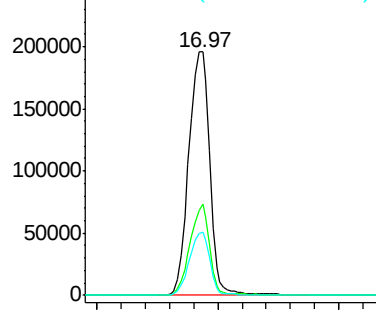


Abundance

Ion 276.00 (275.70 to 276.70): E

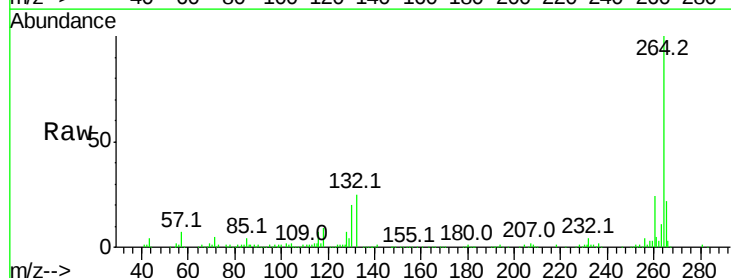
Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.48 min Scan# 2277
Delta R.T. 0.00 min
Lab File: BF099382.D
Acq: 12 Oct 2017 9:35

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.7	19.2	28.8
265	21.6	17.5	26.3

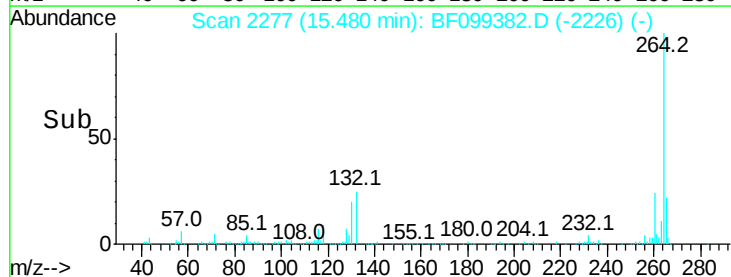
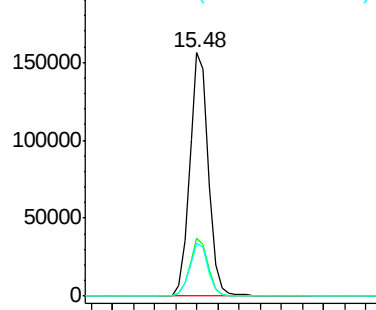


Abundance

Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





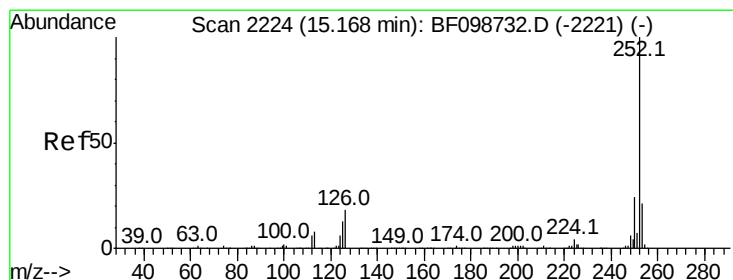
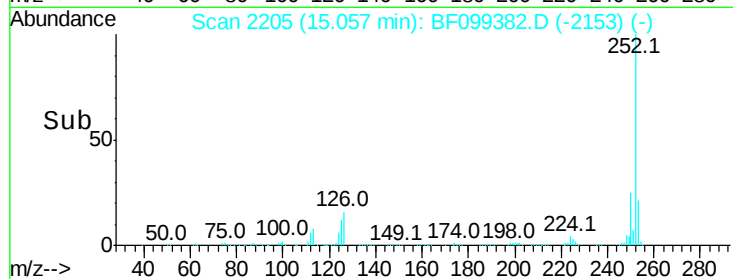
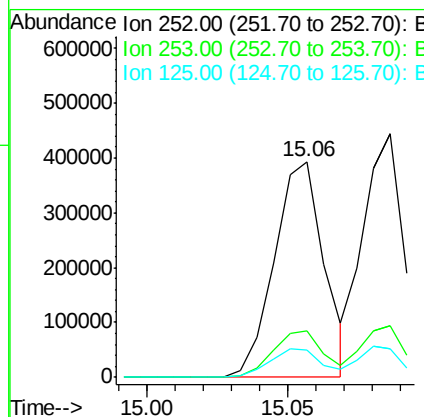
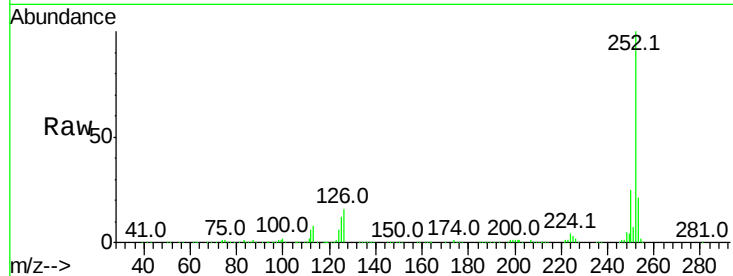
#87
Benzo(b)fluoranthene
Concen: 40.396 ng
RT: 15.06 min Scan# 2205
Delta R.T. 0.01 min
Lab File: BF099382.D
Acq: 12 Oct 2017 9:35

Instrument :
BNA_F
ClientSampleId :
PB103152BS

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.4	17.0	25.6
125	12.5	9.0	13.6

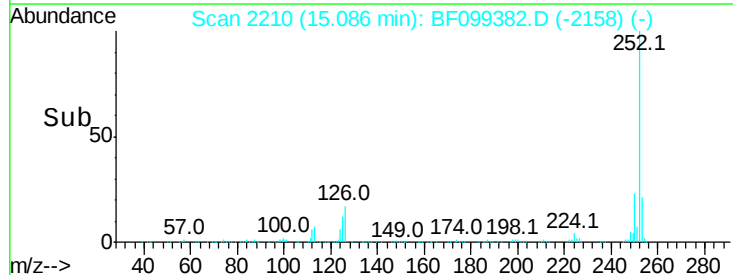
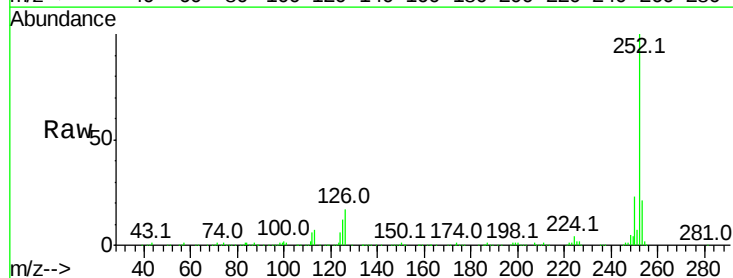
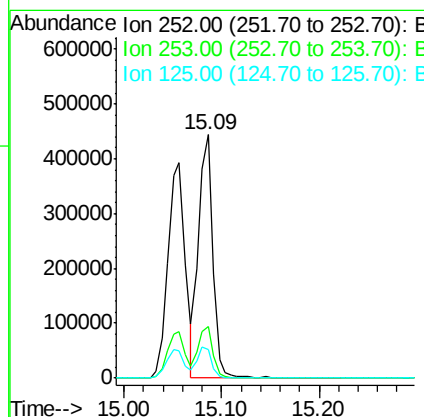
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#88
Benzo(k)fluoranthene
Concen: 38.372 ng
RT: 15.09 min Scan# 2210
Delta R.T. 0.01 min
Lab File: BF099382.D
Acq: 12 Oct 2017 9:35

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.2	17.9	26.9
125	11.9	10.2	15.2





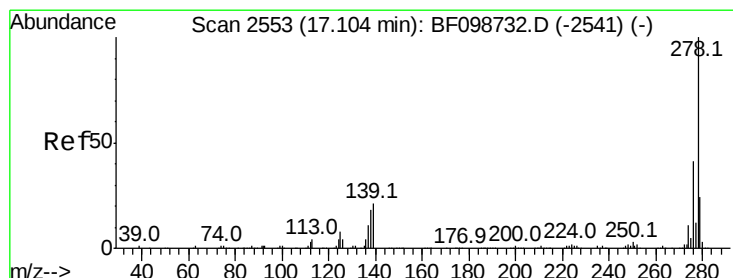
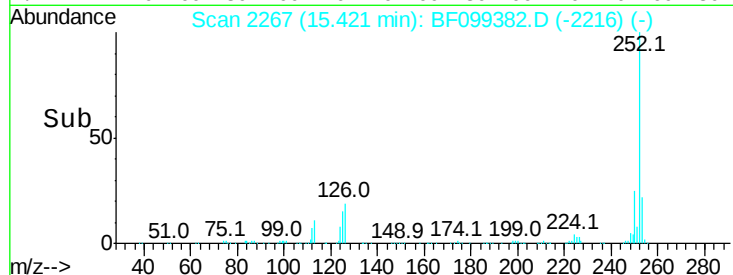
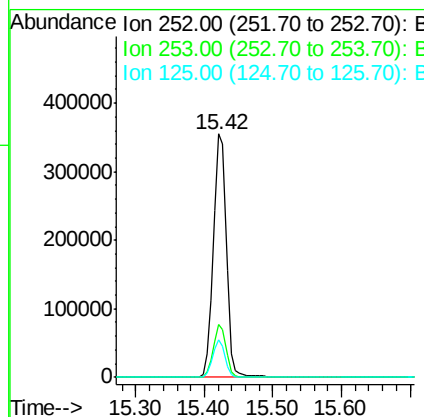
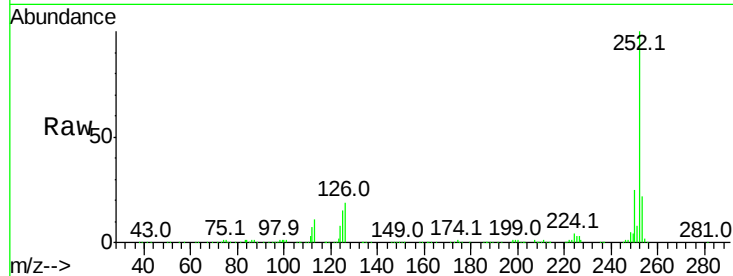
#89
Benzo(a)pyrene
Concen: 42.692 ng
RT: 15.42 min Scan# 2267
Delta R.T. 0.00 min
Lab File: BF099382.D
Acq: 12 Oct 2017 9:35

Instrument :
BNA_F
ClientSampleId :
PB103152BS

Tot Ion	Ratio	Resp Lower	Upper
252	100		
253	21.7	17.1	25.7
125	15.3	9.8	14.6

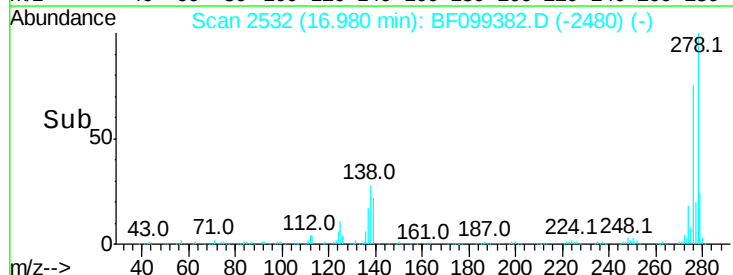
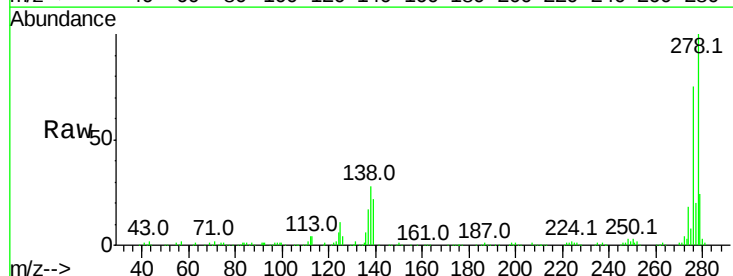
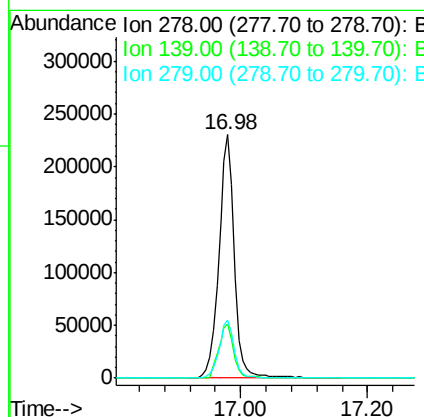
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#90
Dibenzo(a,h)anthracene
Concen: 45.408 ng
RT: 16.98 min Scan# 2532
Delta R.T. 0.01 min
Lab File: BF099382.D
Acq: 12 Oct 2017 9:35

Tgt Ion	Ratio	Resp Lower	Upper
278	100		
139	22.4	15.9	23.9
279	23.9	19.0	28.4





#91
 Benzo(a,h,i)perylene
 Concen: 44.595 ng
 RT: 17.42 min Scan# 2606
 Delta R.T. 0.01 min
 Lab File: BF099382.D
 Acq: 12 Oct 2017 9:35

Instrument :
 BNA_F
 ClientSampleId :
 PB103152BS

Tot Ion:	276	Resp:	385537
Ion Ratio		Lower	Upper
276	100		
277	23.0	17.9	26.9
138	30.8	21.8	32.8

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