

Data Path : Z:\HPCHEM1\BNA F\DATA\BF100717\
 Data File : BF099212.D
 Acq On : 8 Oct 2017 1:02
 Operator : SJ/JU
 Sample : PB103045BS
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB103045BS

Manual Integrations
 APPROVED

Sohil
 10/9/2017 6:35:03 PM

Quant Time: Oct 08 05:21:07 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF092317.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sun Oct 08 03:54:40 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.87	152	121817	20.00	ng	0.00
21) Naphthalene-d8	8.15	136	476173	20.00	ng	0.00
38) Acenaphthene-d10	9.90	164	185267	20.00	ng	0.00
63) Phenanthrene-d10	11.39	188	285812	20.00	ng	0.00
75) Chrysene-d12	14.03	240	208055	20.00	ng	0.00
86) Perylene-d12	15.51	264	165705	20.00	ng	0.01

System Monitoring Compounds

5) 2-Fluorophenol	5.50	112	896013	117.09	ng	0.02
7) Phenol-d6	6.50	99	1064657	112.78	ng	0.00
23) Nitrobenzene-d5	7.43	82	618149	83.25	ng	0.00
41) 2,4,6-Tribromophenol	10.70	330	164222	108.33	ng	0.00
44) 2-Fluorobiphenyl	9.23	172	1072370	96.63	ng	0.00
78) Terphenyl-d14	12.97	244	751140	82.11	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.71	88	120266	32.901	ng	96
3) Pyridine	3.49	79	348061	35.198	ng	95
4) n-Nitrosodimethylamine	3.44	42	138046	32.921	ng	81
6) Aniline	6.53	93	391914	30.761	ng	98
8) 2-Chlorophenol	6.66	128	318045	36.701	ng	95
9) Benzaldehyde	6.42	77	130369	23.808	ng	90
10) Phenol	6.52	94	393909	37.311	ng	99
11) bis(2-Chloroethyl)ether	6.60	93	306564	37.352	ng	98
12) 1,3-Dichlorobenzene	6.81	146	342738	37.765	ng	98
13) 1,4-Dichlorobenzene	6.89	146	347251	37.606	ng	97
14) 1,2-Dichlorobenzene	7.04	146	322703	37.822	ng	98
15) Benzyl Alcohol	7.01	79	241744	34.908	ng	96
16) 2,2'-oxybis(1-Chloropropan	7.14	45	443823	34.708	ng	96
17) 2-Methylphenol	7.12	107	261853	36.929	ng	97
18) Hexachloroethane	7.37	117	95250	28.698	ng	94
19) n-Nitroso-di-n-propylamine	7.28	70	201754	33.475	ng	95
20) 3+4-Methylphenols	7.27	107	307175	34.244	ng	# 76
22) Acetophenone	7.28	105	413602	35.851	ng	# 97
24) Nitrobenzene	7.45	77	308923	36.677	ng	97
25) Isophorone	7.69	82	571059	37.199	ng	99
26) 2-Nitrophenol	7.77	139	131895	32.564	ng	# 84
27) 2,4-Dimethylphenol	7.80	122	275470	36.013	ng	95
28) bis(2-Chloroethoxy)methane	7.90	93	375599	39.261	ng	100
29) 2,4-Dichlorophenol	8.01	162	249606	38.007	ng	97
30) 1,2,4-Trichlorobenzene	8.09	180	259928	39.573	ng	98
31) Naphthalene	8.17	128	847556	37.898	ng	100
32) Benzoic acid	7.92	122	112277	17.869	ng	95
33) 4-Chloroaniline	8.22	127	263137	28.175	ng	96
34) Hexachlorobutadiene	8.28	225	130153	38.471	ng	99
35) Caprolactam	8.60	113	79469m	37.723	ng	
36) 4-Chloro-3-methylphenol	8.70	107	247189	33.487	ng	92
37) 2-Methylnaphthalene	8.86	142	559939	38.514	ng	98
39) 1,2,4,5-Tetrachlorobenzene	9.03	216	220886	39.978	ng	98
40) Hexachlorocyclopentadiene	9.01	237	15831	6.270	ng	99

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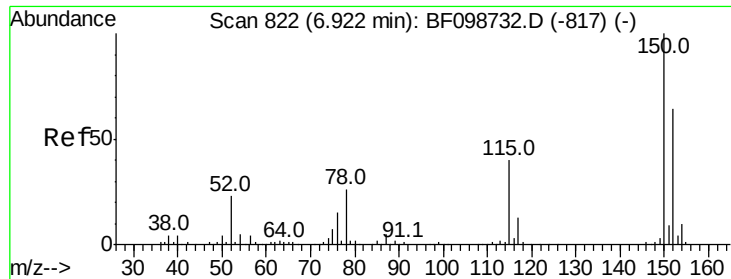
Manual Integrations
 APPROVED

Sohil
 10/9/2017 6:35:03 PM

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.14	196	148932	38.049	ng	98
43) 2,4,5-Trichlorophenol	9.19	196	150043	38.400	ng	# 93
45) 1,1'-Biphenyl	9.33	154	629998	39.566	ng	98
46) 2-Chloronaphthalene	9.35	162	485657	40.624	ng	97
47) 2-Nitroaniline	9.45	65	146856	40.118	ng	90
48) Acenaphthylene	9.77	152	707643	38.667	ng	100
49) Dimethylphthalate	9.62	163	584236	41.782	ng	100
50) 2,6-Dinitrotoluene	9.69	165	108346	35.591	ng	# 80
51) Acenaphthene	9.94	154	417319	35.998	ng	98
52) 3-Nitroaniline	9.86	138	150579	42.422	ng	# 89
53) 2,4-Dinitrophenol	9.97	184	10902	12.205	ng	95
54) Dibenzofuran	10.11	168	619930	40.163	ng	99
55) 4-Nitrophenol	10.02	139	164395	54.773	ng	90
56) 2,4-Dinitrotoluene	10.09	165	125449	31.753	ng	96
57) Fluorene	10.45	166	465035	37.484	ng	98
58) 2,3,4,6-Tetrachlorophenol	10.23	232	102343	37.916	ng	98
59) Diethylphthalate	10.32	149	543738	39.795	ng	98
60) 4-Chlorophenyl-phenylether	10.45	204	217289	38.990	ng	93
61) 4-Nitroaniline	10.47	138	143461	41.893	ng	89
62) Azobenzene	10.60	77	456525	36.339	ng	93
64) 4,6-Dinitro-2-methylphenol	10.50	198	11151	6.412	ng	85
65) n-Nitrosodiphenylamine	10.56	169	416332	42.048	ng	100
66) 4-Bromophenyl-phenylether	10.93	248	118980	42.529	ng	94
67) Hexachlorobenzene	11.00	284	115427	38.630	ng	94
68) Atrazine	11.09	200	123218	41.362	ng	99
69) Pentachlorophenol	11.20	266	103883	55.863	ng	99
70) Phenanthrene	11.42	178	617691	40.375	ng	98
71) Anthracene	11.47	178	637531	40.728	ng	99
72) Carbazole	11.63	167	591042	38.557	ng	98
73) Di-n-butylphthalate	11.95	149	755951	40.971	ng	99
74) Fluoranthene	12.60	202	615191	39.711	ng	99
76) Benzidine	12.73	184	519268	67.479	ng	98
77) Pyrene	12.84	202	628760	39.632	ng	99
79) Butylbenzylphthalate	13.44	149	304530	40.843	ng	92
80) Benzo(a)anthracene	14.02	228	506741	40.223	ng	99
81) 3,3'-Dichlorobenzidine	13.98	252	193117	41.815	ng	98
82) Chrysene	14.06	228	472581	39.401	ng	99
83) Bis(2-ethylhexyl)phthalate	14.00	149	419542	40.864	ng	99
84) Di-n-octyl phthalate	14.61	149	706634	42.744	ng	95
85) Indeno(1,2,3-cd)pyrene	17.00	276	354829	36.982	ng	95
87) Benzo(b)fluoranthene	15.07	252	432839	42.484	ng	# 97
88) Benzo(k)fluoranthene	15.10	252	384438	38.203	ng	98
89) Benzo(a)pyrene	15.44	252	377168	40.330	ng	# 96
90) Dibenzo(a,h)anthracene	17.01	278	299232	39.981	ng	96
91) Benzo(g,h,i)perylene	17.45	276	285391	38.576	ng	96

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



#1

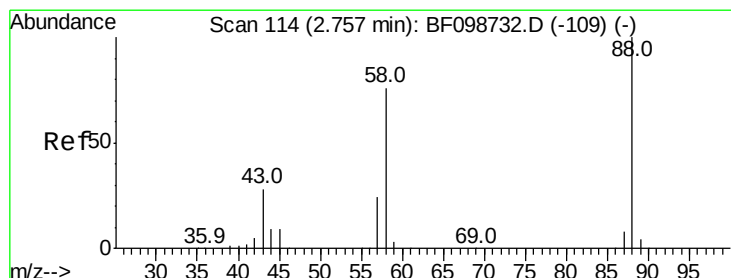
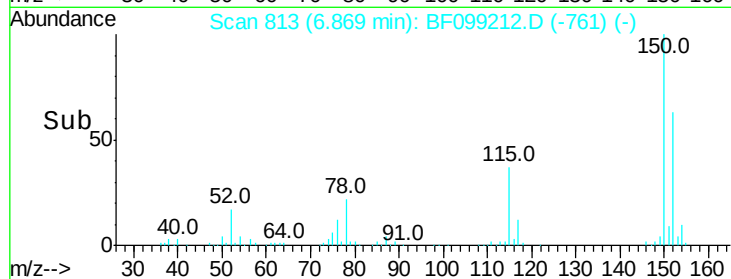
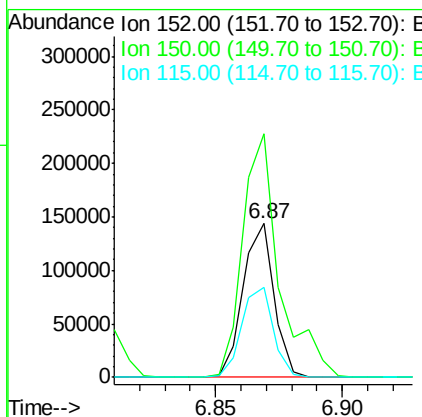
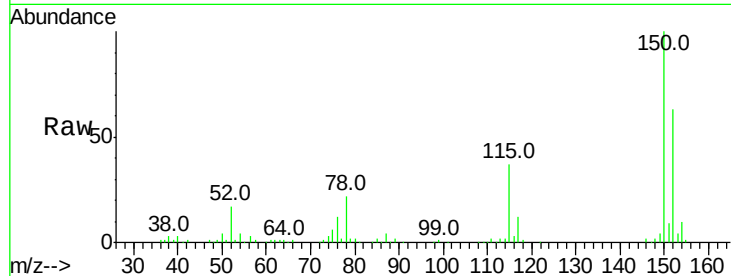
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.87 min Scan# 813
Delta R.T. 0.01 min
Lab File: BF099212.D
Acq: 8 Oct 2017 1:02

Instrument :
BNA_F
ClientSampleId :
PB103045BS

Tot Ion	Ratio	Lower	Upper
152	100		
150	158.4	124.6	186.8
115	58.5	50.1	75.1

Manual Integrations
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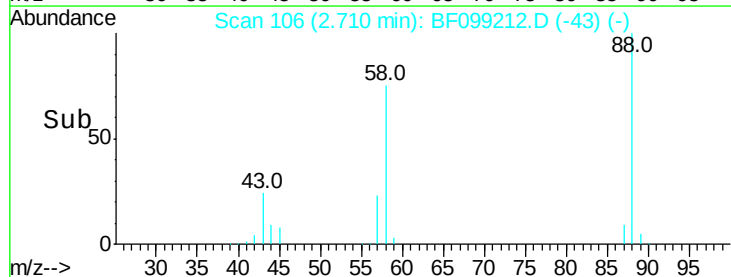
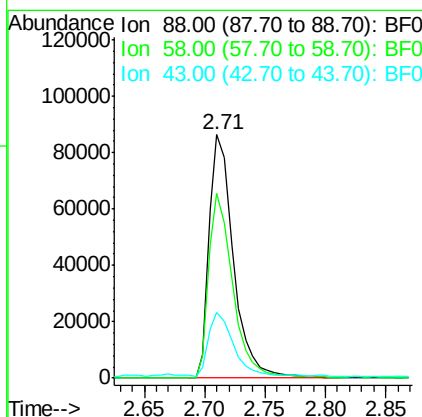
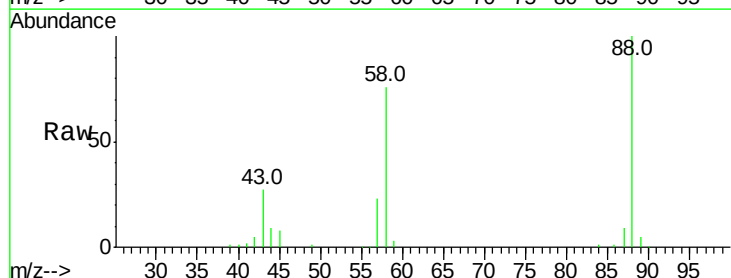
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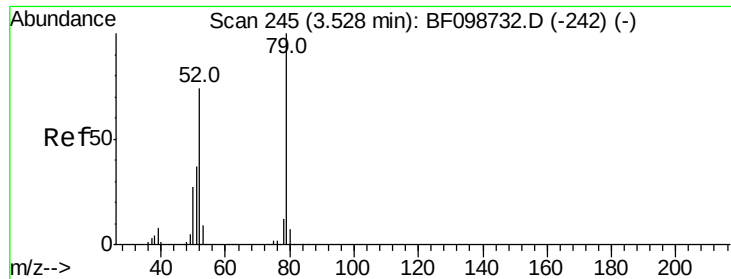


#2

1,4-Dioxane
Concen: 32.901 ng
RT: 2.71 min Scan# 106
Delta R.T. 0.07 min
Lab File: BF099212.D
Acq: 8 Oct 2017 1:02

Tgt Ion	Ratio	Lower	Upper
88	100		
58	75.9	62.6	93.8
43	26.3	24.6	37.0





#3

Pvridine

Concen: 35.198 ng

RT: 3.49 min Scan# 238

Delta R.T. 0.07 min

Lab File: BF099212.D

Acq: 8 Oct 2017 1:02

Instrument :

BNA_F

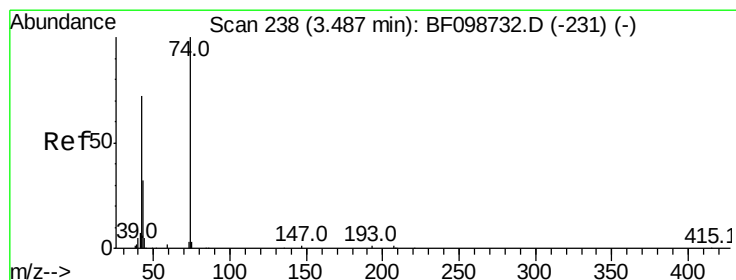
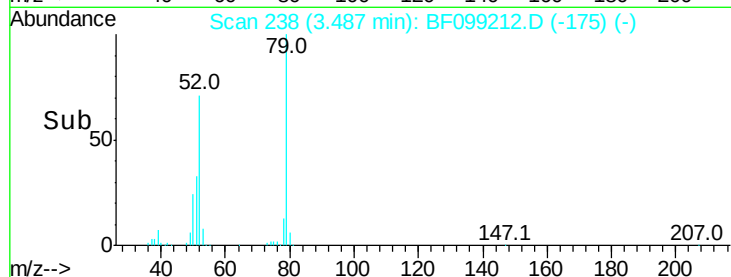
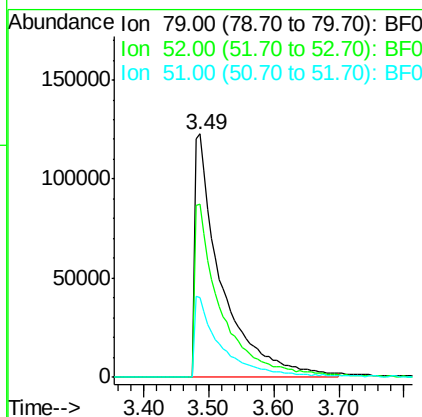
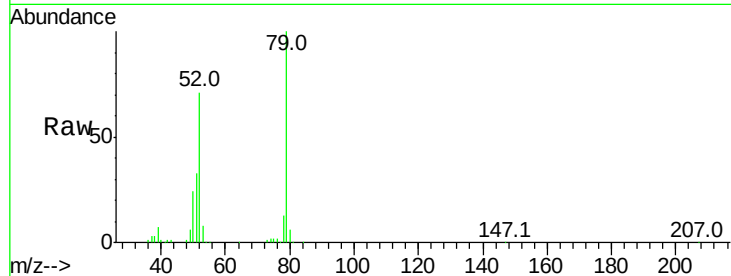
ClientSampleId :

PB103045BS

Tot Ion:	79	Resp:	348061
Ion Ratio	Lower	Upper	
79	100		
52	70.9	59.8	89.6
51	32.8	29.8	44.8

Manual Integrations
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#4

n-Nitrosodimethylamine

Concen: 32.921 ng

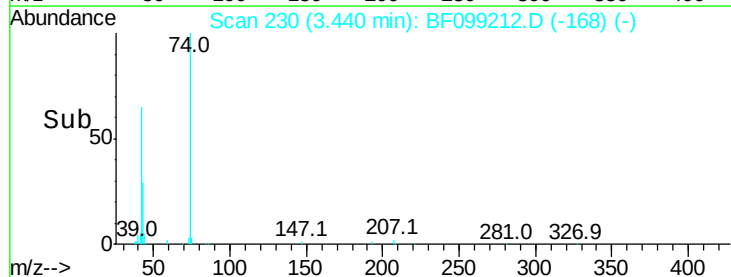
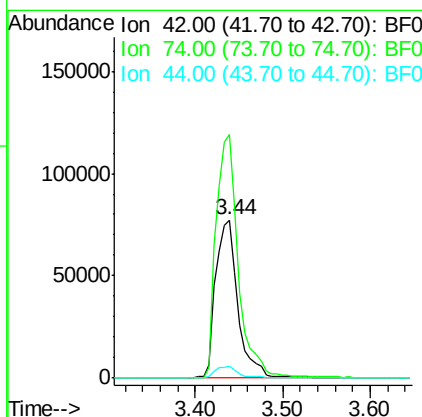
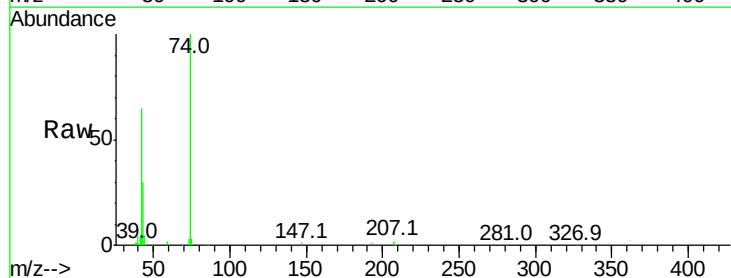
RT: 3.44 min Scan# 230

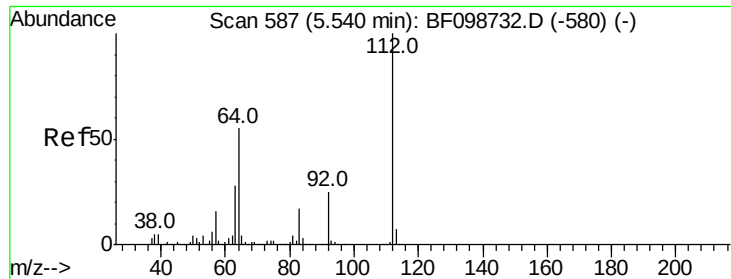
Delta R.T. 0.06 min

Lab File: BF099212.D

Acq: 8 Oct 2017 1:02

Tgt Ion:	42	Resp:	138046
Ion Ratio	Lower	Upper	
42	100		
74	154.0	104.9	157.3
44	7.3	6.9	10.3





#5

2-Fluorophenol

Concen: 117.091 ng

RT: 5.50 min Scan# 580

Delta R.T. 0.02 min

Lab File: BF099212.D

Acq: 8 Oct 2017 1:02

Instrument :

BNA_F

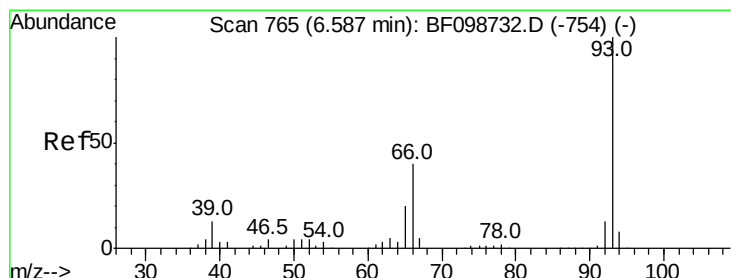
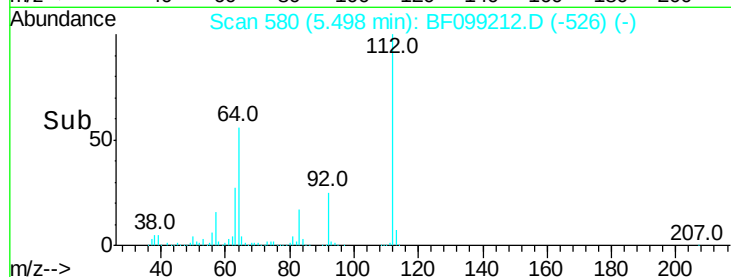
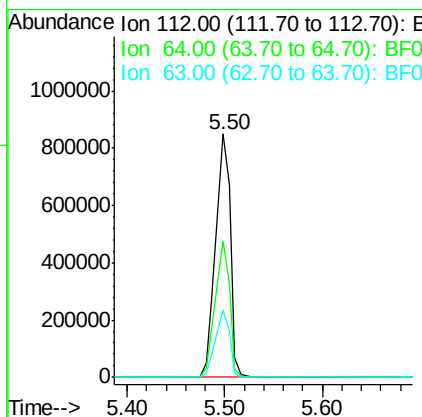
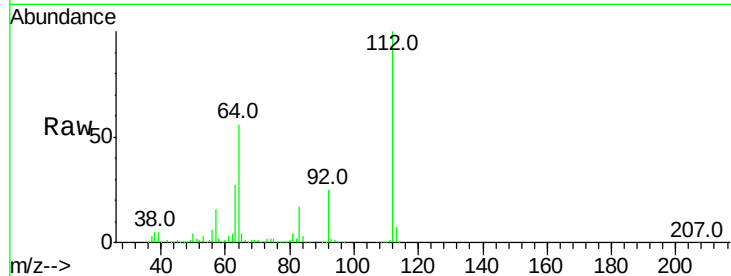
ClientSampled :

PB103045BS

Tot Ion:	112	Resp:	896013
Ion Ratio	Lower	Upper	
112	100		
64	56.1	47.9	71.9
63	27.3	23.7	35.5

Manual Integrations
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#6

Aniline

Concen: 30.761 ng

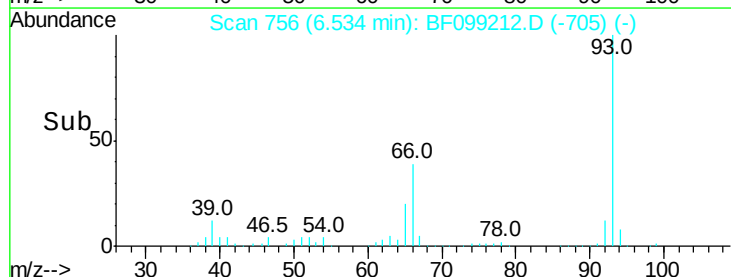
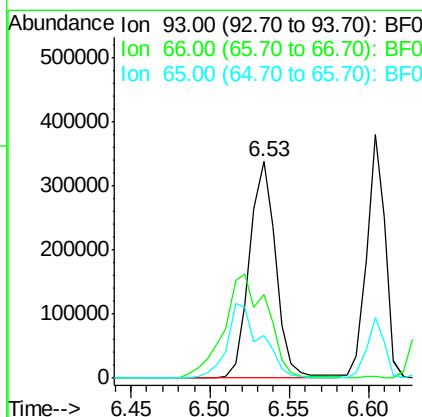
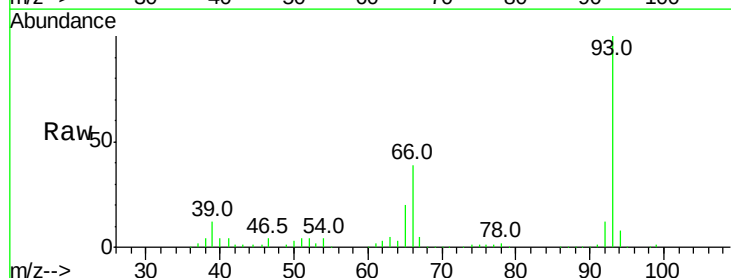
RT: 6.53 min Scan# 756

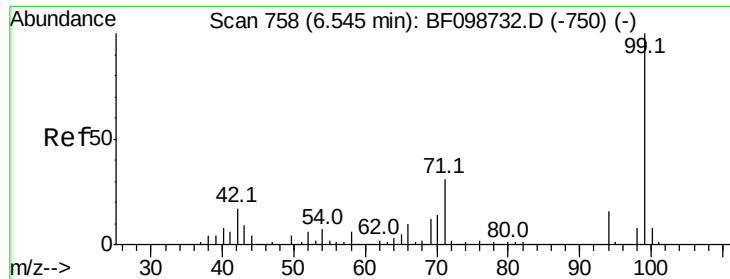
Delta R.T. -0.00 min

Lab File: BF099212.D

Acq: 8 Oct 2017 1:02

Tgt Ion:	93	Resp:	391914
Ion Ratio	Lower	Upper	
93	100		
66	39.0	32.2	48.2
65	19.5	16.4	24.6





#7

Phenol-d6

Concen: 112.782 ng

RT: 6.50 min Scan# 751

Delta R.T. 0.01 min

Lab File: BF099212.D

Acq: 8 Oct 2017 1:02

Instrument :

BNA_F

ClientSampled :

PB103045BS

Tot Ion: 99 Resp: 1064657

Ion Ratio Lower Upper

99 100

42 15.7 14.5 21.7

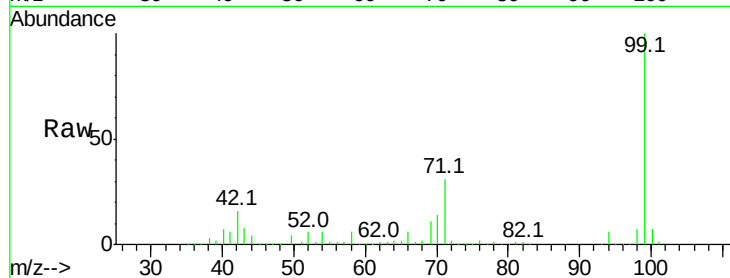
71 30.6 25.4 38.0

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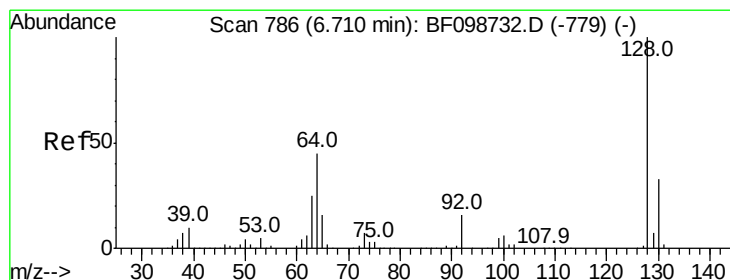
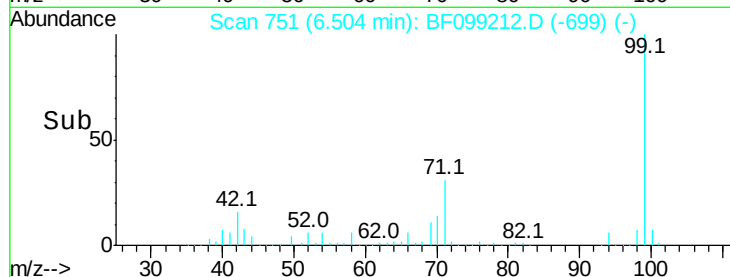
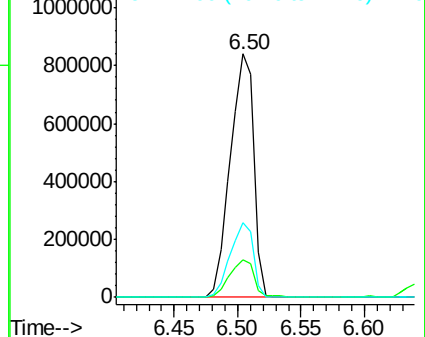
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Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0



#8

2-Chlorophenol

Concen: 36.701 ng

RT: 6.66 min Scan# 777

Delta R.T. 0.01 min

Lab File: BF099212.D

Acq: 8 Oct 2017 1:02

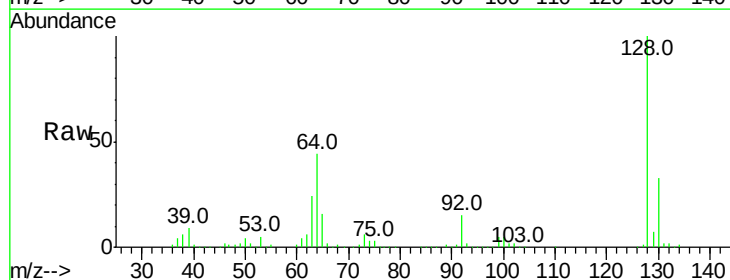
Tgt Ion:128 Resp: 318045

Ion Ratio Lower Upper

128 100

130 33.4 13.0 53.0

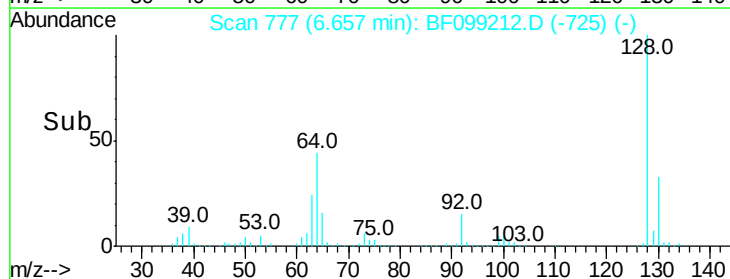
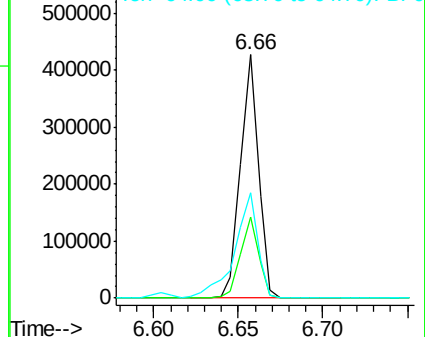
64 43.5 29.4 69.4

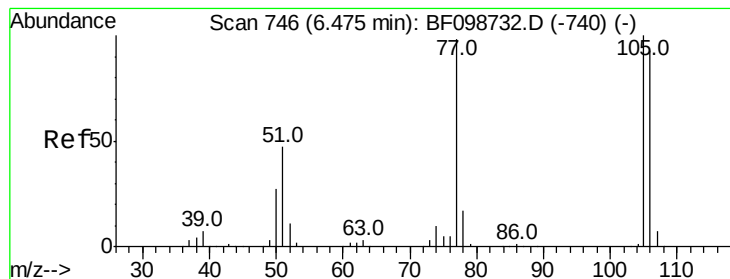


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 23.808 ng

RT: 6.42 min Scan# 737

Delta R.T. -0.00 min

Lab File: BF099212.D

Acq: 8 Oct 2017 1:02

Instrument :

BNA_F

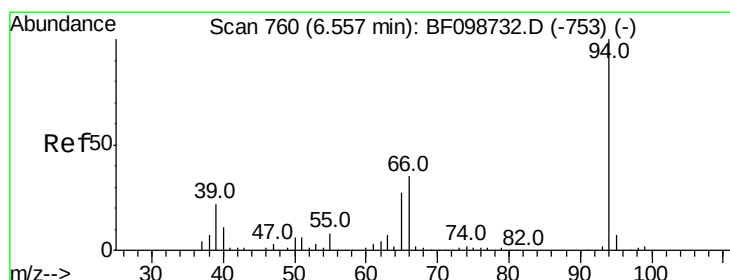
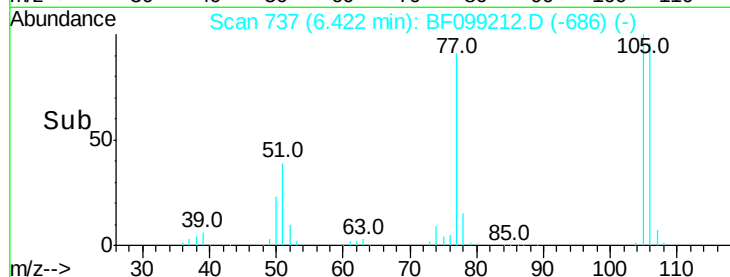
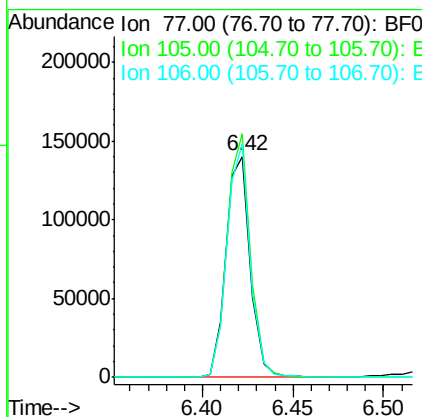
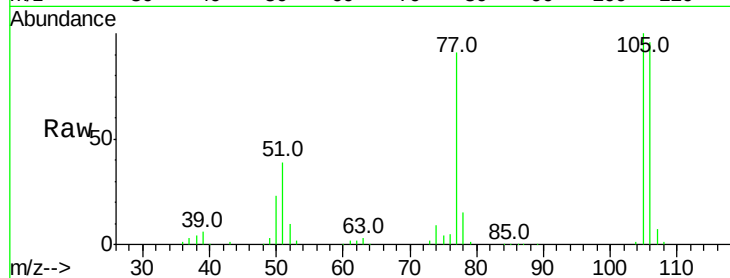
ClientSampleId :

PB103045BS

Tot Ion:	77	Resp:	130369
Ion	Ratio	Lower	Upper
77	100		
105	110.1	81.1	121.1
106	105.5	74.5	114.5

Manual Integrations
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#10

Phenol

Concen: 37.311 ng

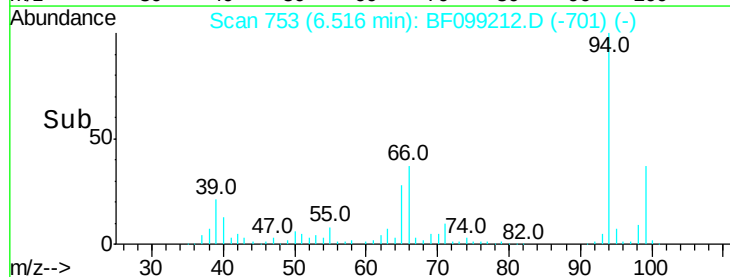
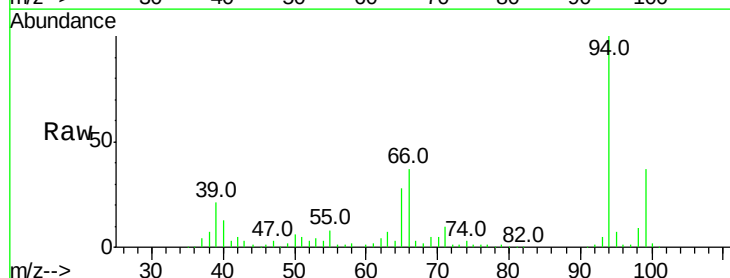
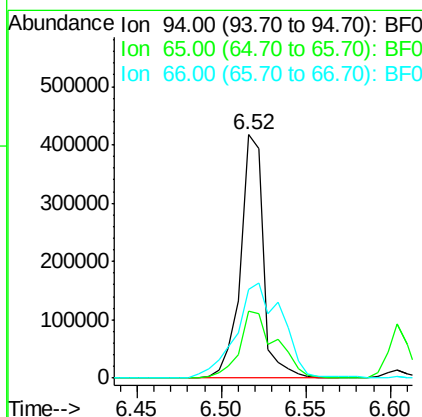
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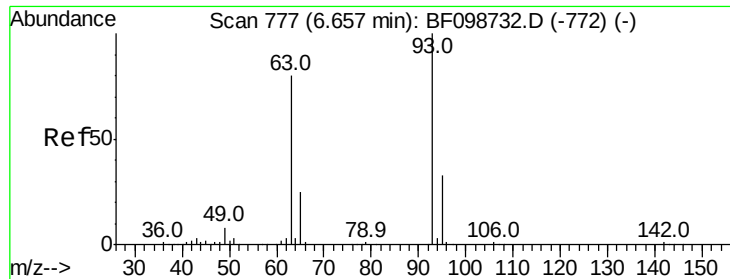
Delta R.T. 0.01 min

Lab File: BF099212.D

Acq: 8 Oct 2017 1:02

Tgt Ion:	94	Resp:	393909
Ion	Ratio	Lower	Upper
94	100		
65	27.8	7.9	47.9
66	36.7	16.2	56.2





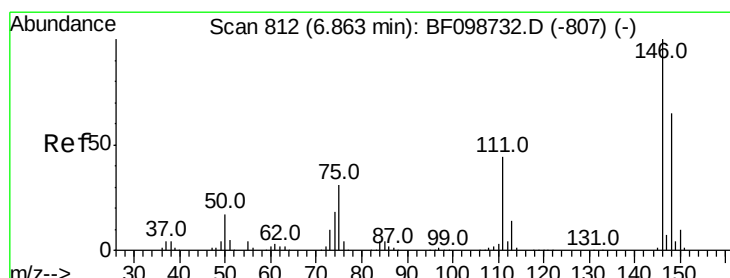
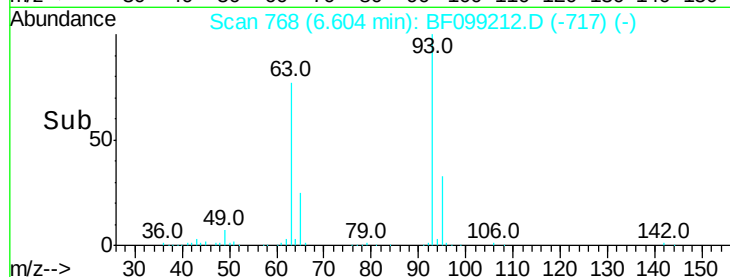
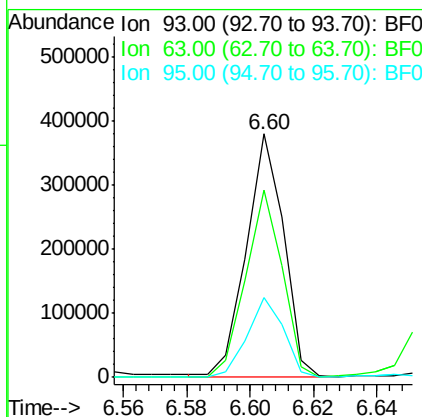
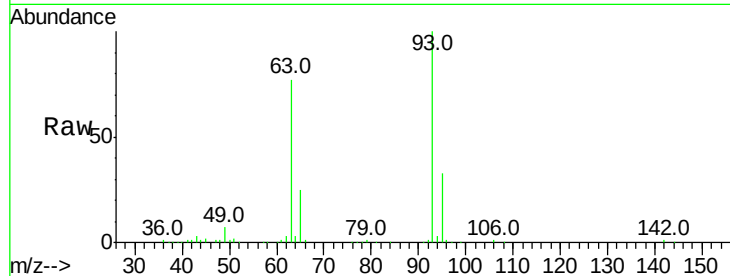
#11
bis(2-Chloroethyl)ether
Concen: 37.352 ng
RT: 6.60 min Scan# 768
Delta R.T. -0.00 min
Lab File: BF099212.D
Acq: 8 Oct 2017 1:02

Instrument :
BNA_F
ClientSampleId :
PB103045BS

Tot Ion	93	Resp	306564
Ion Ratio	100	Lower	Upper
93	100		
63	76.9	58.6	98.6
95	32.7	11.8	51.8

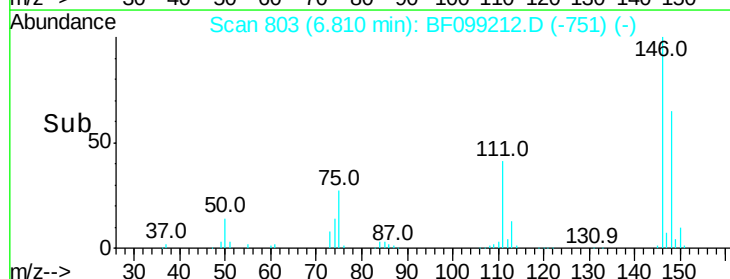
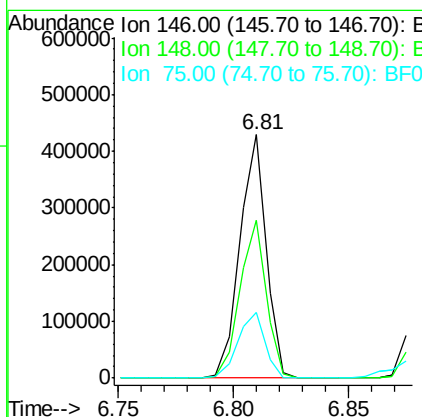
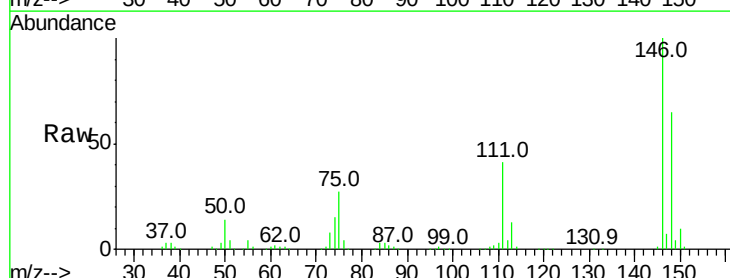
Manual Integrations
APPROVED

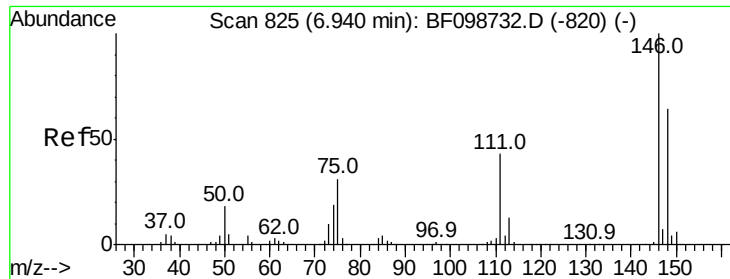
Sohil
10/9/2017 6:35:03 PM



#12
1,3-Dichlorobenzene
Concen: 37.765 ng
RT: 6.81 min Scan# 803
Delta R.T. 0.01 min
Lab File: BF099212.D
Acq: 8 Oct 2017 1:02

Tgt Ion	146	Resp	342738
Ion Ratio	100	Lower	Upper
146	100		
148	64.6	51.8	77.8
75	27.2	24.2	36.4





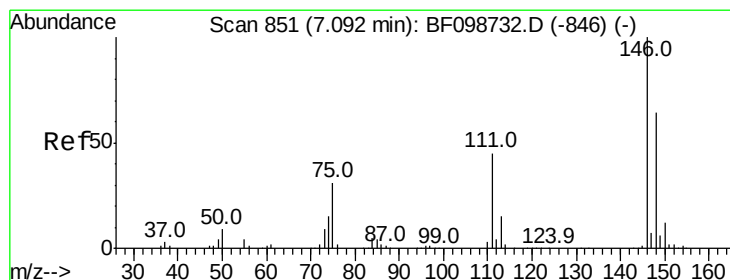
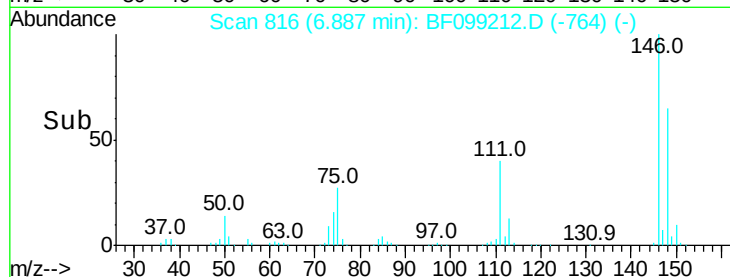
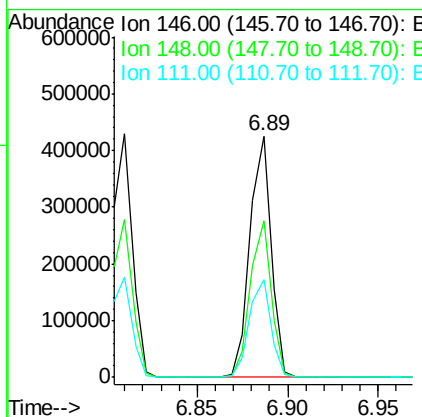
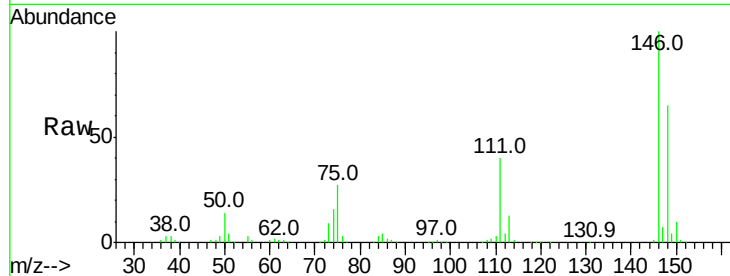
#13
 1,4-Dichlorobenzene
 Concen: 37.606 ng
 RT: 6.89 min Scan# 816
 Delta R.T. 0.01 min
 Lab File: BF099212.D
 Acq: 8 Oct 2017 1:02

Instrument :
 BNA_F
 ClientSampled :
 PB103045BS

Tot Ion	Ratio	Lower	Upper
146	100		
148	65.0	50.8	76.2
111	40.4	34.2	51.2

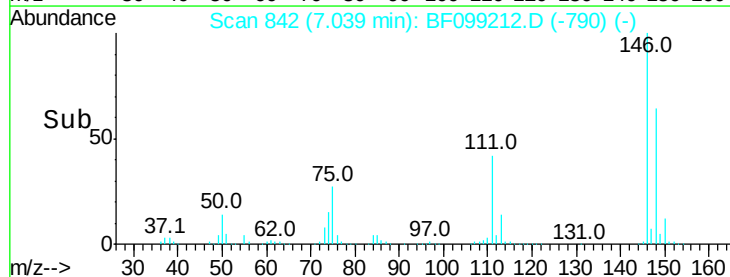
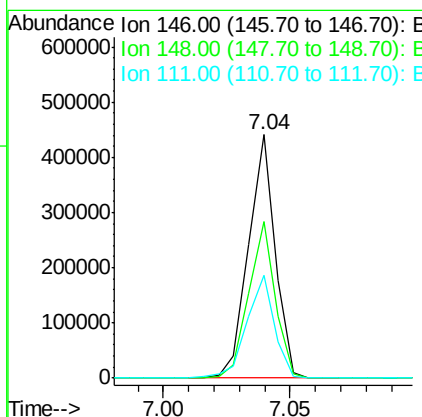
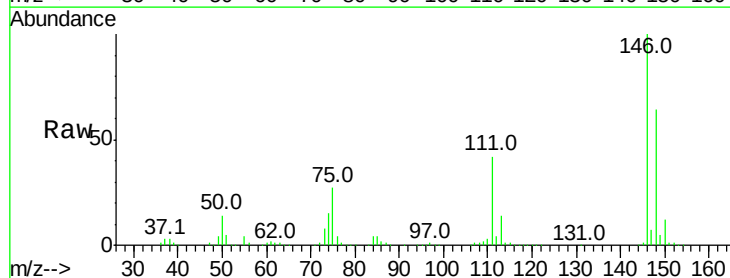
Manual Integrations
 APPROVED

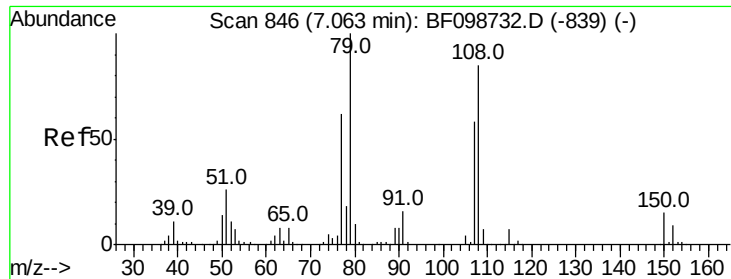
Sohil
 10/9/2017 6:35:03 PM



#14
 1,2-Dichlorobenzene
 Concen: 37.822 ng
 RT: 7.04 min Scan# 842
 Delta R.T. 0.01 min
 Lab File: BF099212.D
 Acq: 8 Oct 2017 1:02

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.2	50.6	75.8
111	42.3	36.0	54.0





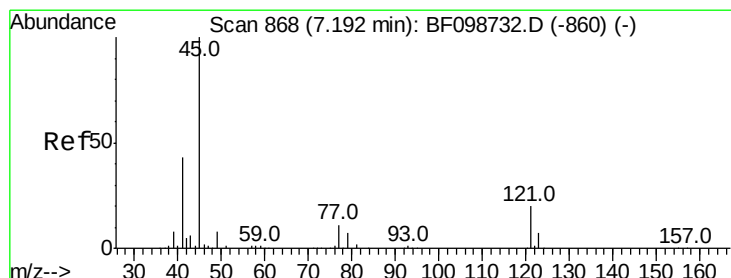
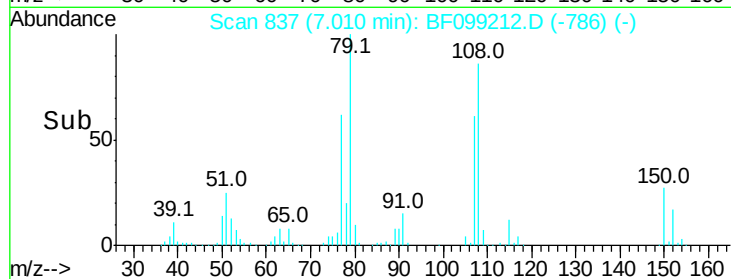
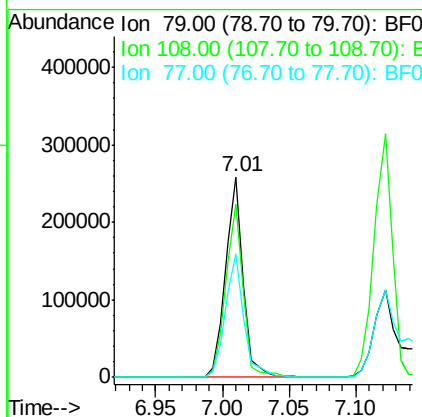
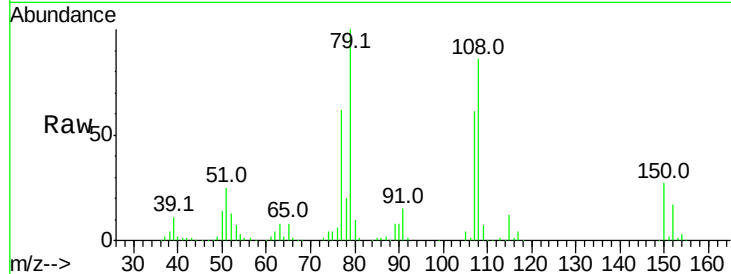
#15
Benzyl Alcohol
Concen: 34.908 ng
RT: 7.01 min Scan# 837
Delta R.T. -0.00 min
Lab File: BF099212.D
Acq: 8 Oct 2017 1:02

Instrument :
BNA_F
ClientSampleId :
PB103045BS

Tot Ion:	79	Resp:	241744
Ion Ratio	Lower	Upper	
79	100		
108	86.3	65.1	97.7
77	61.6	50.6	75.8

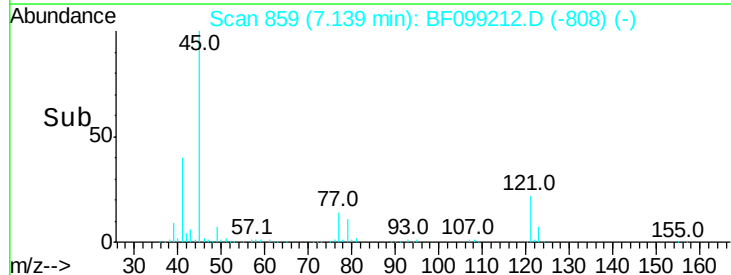
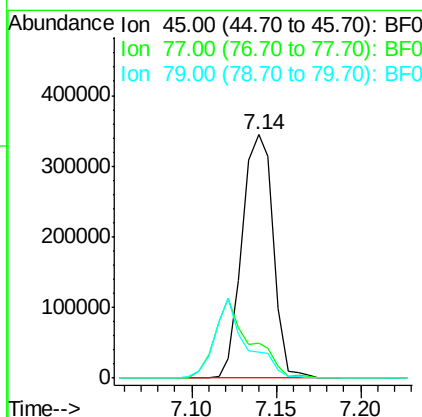
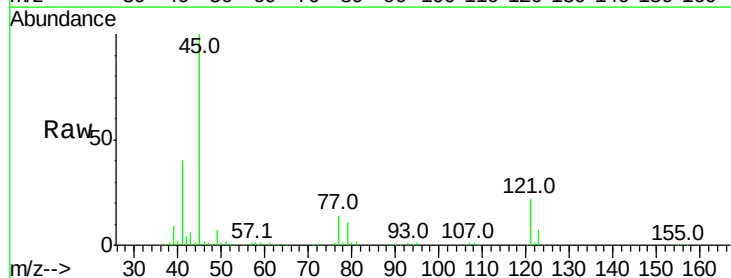
Manual Integrations
APPROVED

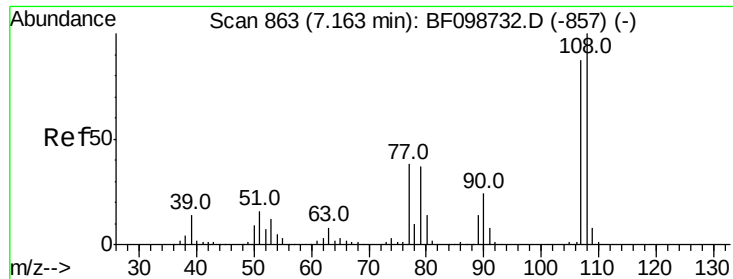
Sohil
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#16
2,2'-oxybis(1-chloropropane)
Concen: 34.708 ng
RT: 7.14 min Scan# 859
Delta R.T. -0.00 min
Lab File: BF099212.D
Acq: 8 Oct 2017 1:02

Tgt Ion:	45	Resp:	443823
Ion Ratio	Lower	Upper	
45	100		
77	14.5	0.0	32.9
79	10.9	0.0	29.6





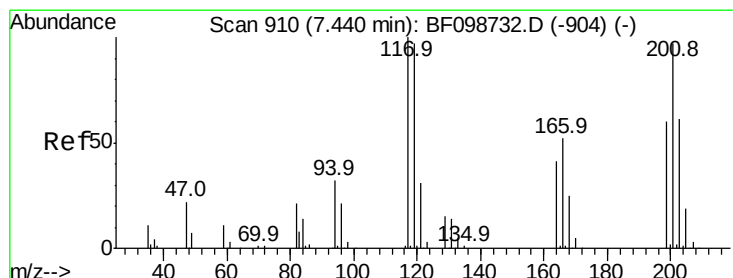
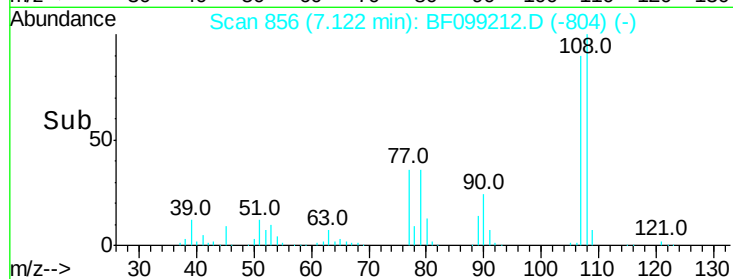
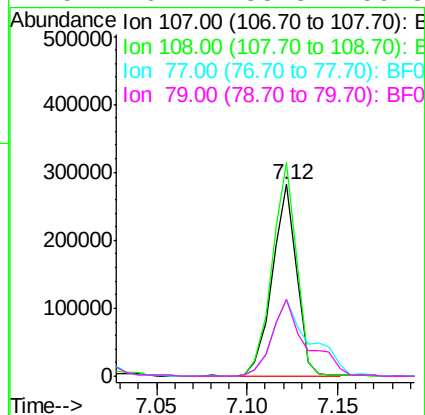
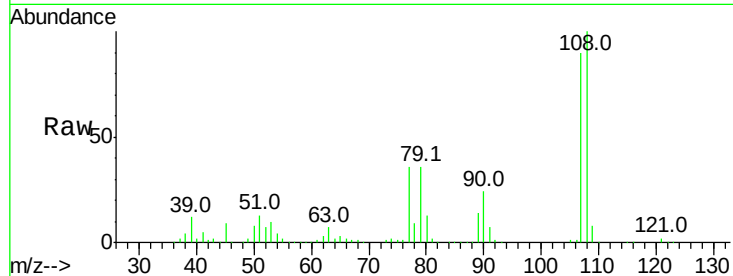
#17
2-Methylphenol
Concen: 36.929 ng
RT: 7.12 min Scan# 856
Delta R.T. 0.01 min
Lab File: BF099212.D
Acq: 8 Oct 2017 1:02

Instrument :
BNA_F
ClientSampleId :
PB103045BS

Tot Ion:	107	Resp:	261853
Ion Ratio	Lower	Upper	
107	100		
108	111.5	91.7	137.5
77	40.3	33.8	50.8
79	40.1	33.8	50.8

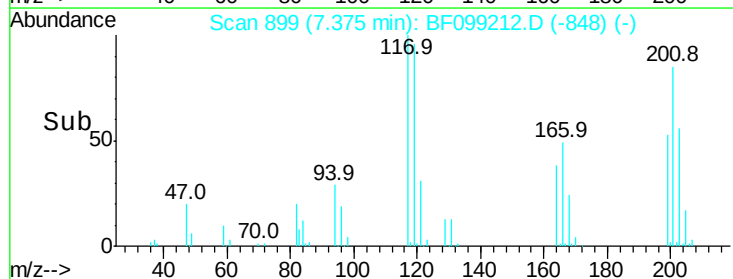
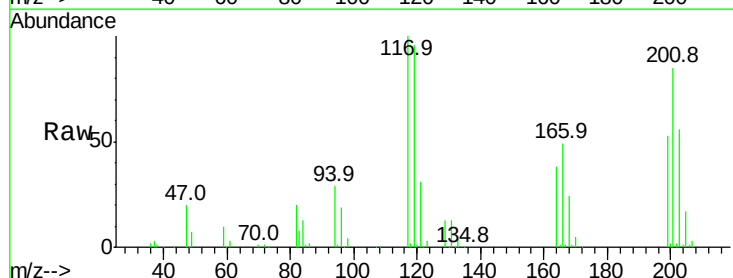
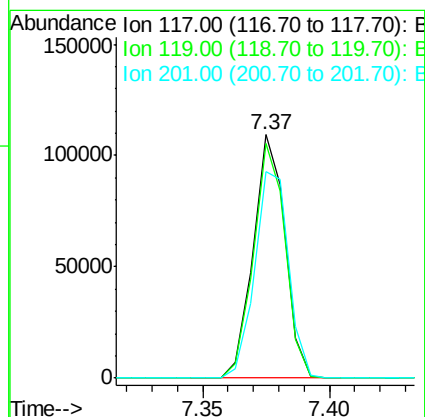
Manual Integrations
APPROVED

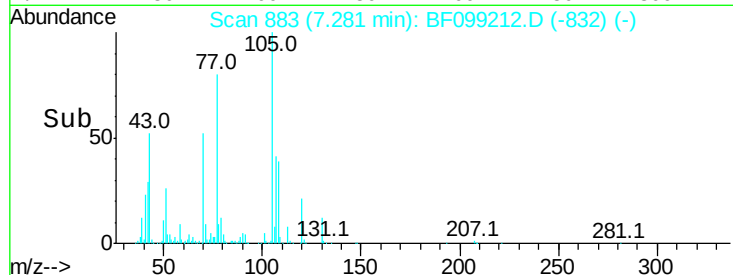
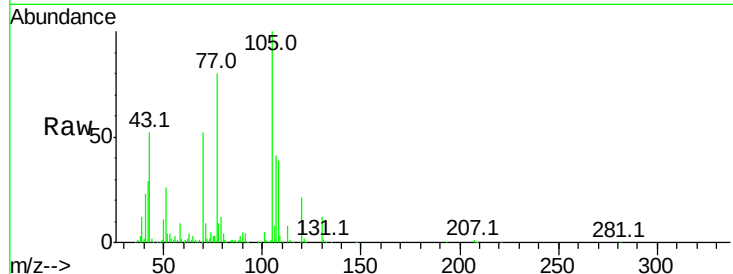
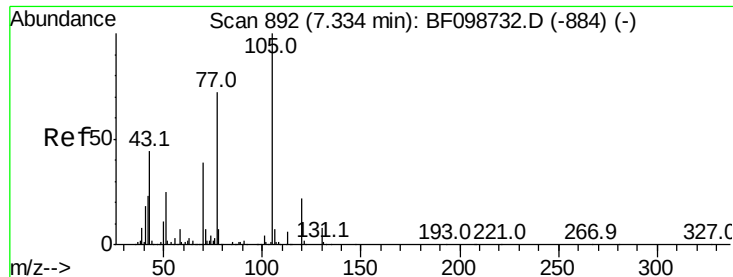
Sohil
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#18
Hexachloroethane
Concen: 28.698 ng
RT: 7.37 min Scan# 899
Delta R.T. -0.00 min
Lab File: BF099212.D
Acq: 8 Oct 2017 1:02

Tgt Ion:	117	Resp:	95250
Ion Ratio	Lower	Upper	
117	100		
119	96.3	75.8	113.8
201	84.9	75.7	113.5





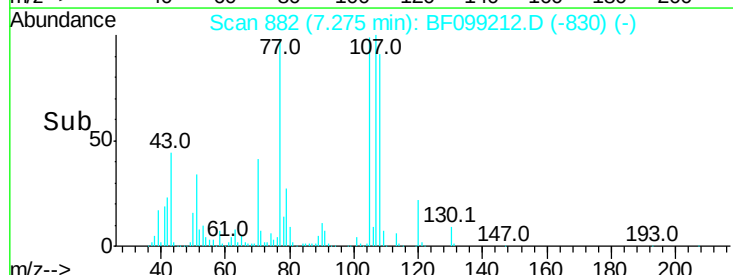
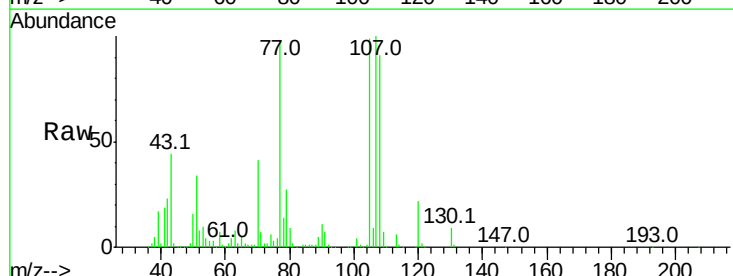
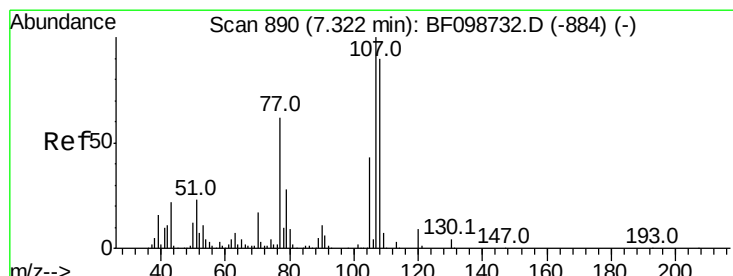
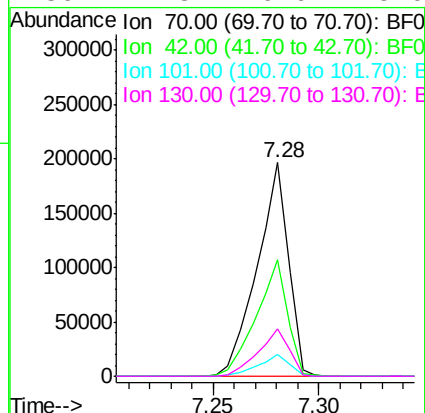
#19
n-Nitroso-di-n-propylamine
Concen: 33.475 ng
RT: 7.28 min Scan# 883
Delta R.T. -0.00 min
Lab File: BF099212.D
Acq: 8 Oct 2017 1:02

Instrument :
BNA_F
ClientSampleId :
PB103045BS

Tot Ion	Ion	Ratio	Lower	Upper
70	100			
42	54.8	47.5	71.3	
101	9.9	7.4	11.2	
130	22.3	16.6	25.0	

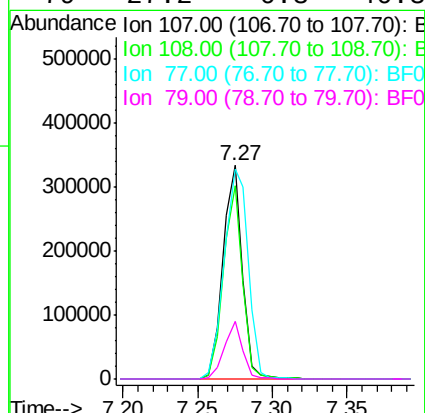
Manual Integrations
APPROVED

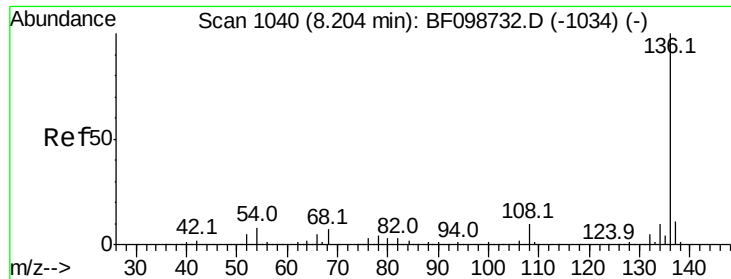
Sohil
10/9/2017 6:35:03 PM



#20
3+4-Methylphenols
Concen: 34.244 ng
RT: 7.27 min Scan# 882
Delta R.T. 0.01 min
Lab File: BF099212.D
Acq: 8 Oct 2017 1:02

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	90.7	68.2	108.2	
77	98.3	26.7	66.7#	
79	27.2	6.3	46.3	





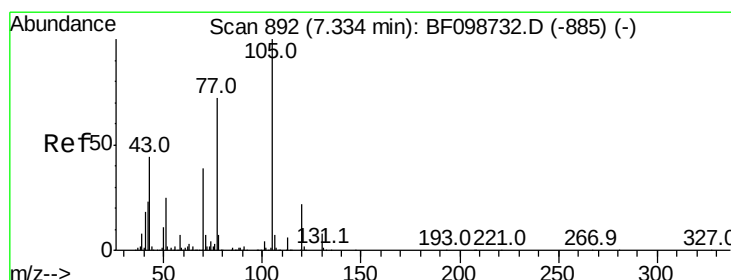
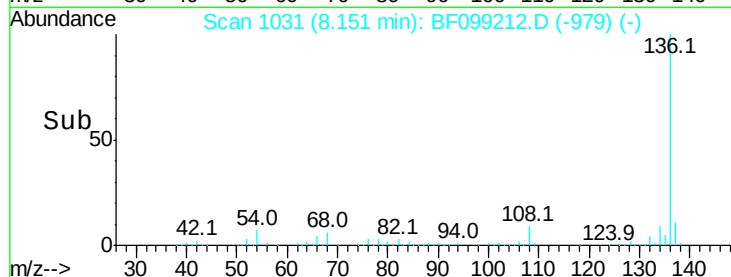
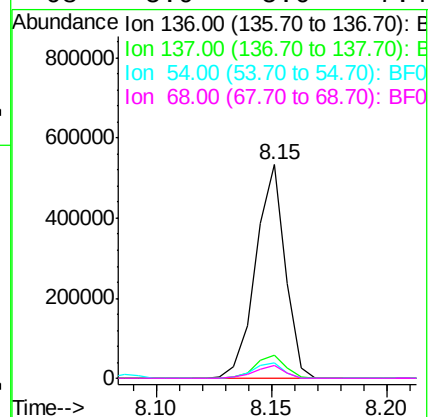
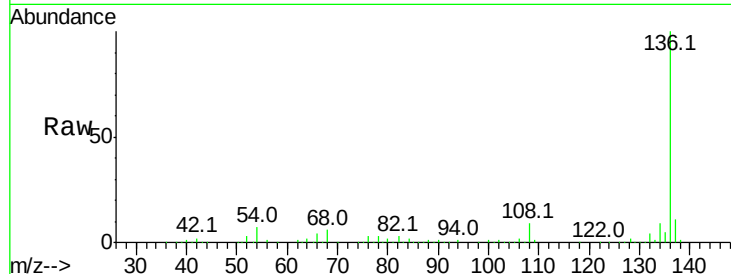
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.15 min Scan# 1031
Delta R.T. 0.01 min
Lab File: BF099212.D
Acq: 8 Oct 2017 1:02

Instrument :
BNA_F
ClientSampleId :
PB103045BS

Tot Ion	Ratio	Resp	Lower	Upper
136	100			
137	10.8	8.9	13.3	
54	7.1	6.6	9.8	
68	5.9	5.0	7.4	

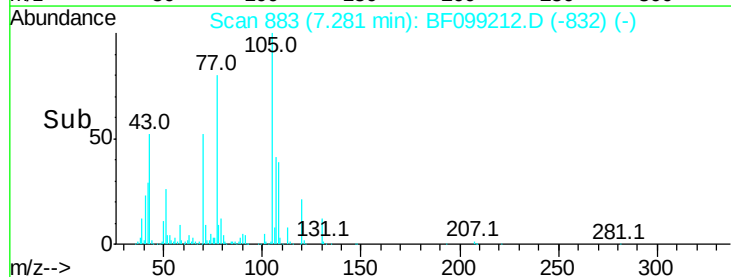
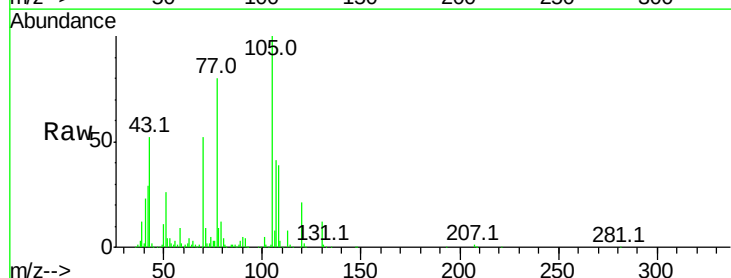
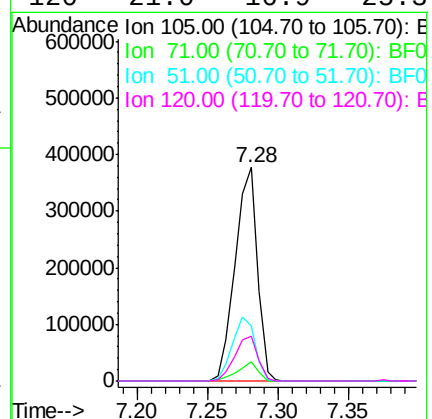
Manual Integrations
APPROVED

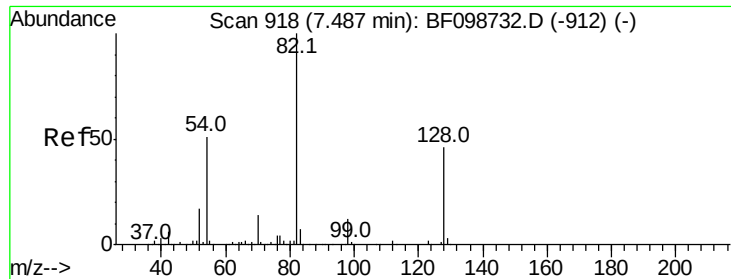
Sohil
10/9/2017 6:35:03 PM



#22
Acetophenone
Concen: 35.851 ng
RT: 7.28 min Scan# 883
Delta R.T. -0.00 min
Lab File: BF099212.D
Acq: 8 Oct 2017 1:02

Tgt Ion	Ratio	Resp	Lower	Upper
105	100			
71	8.8	4.4	6.6#	
51	25.8	22.3	33.5	
120	21.0	16.9	25.3	





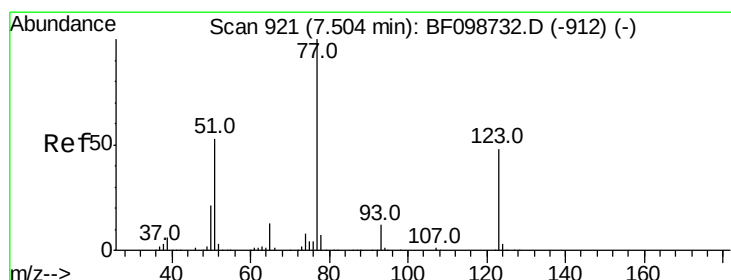
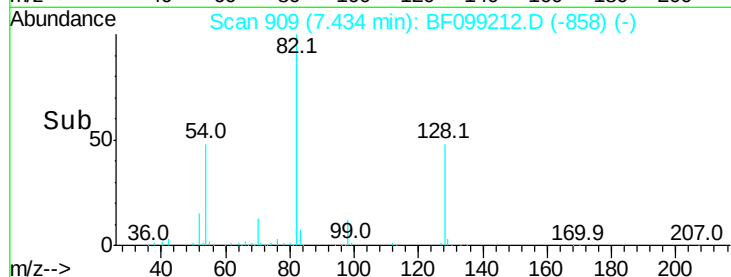
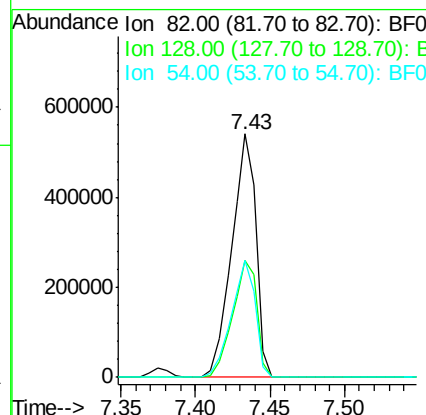
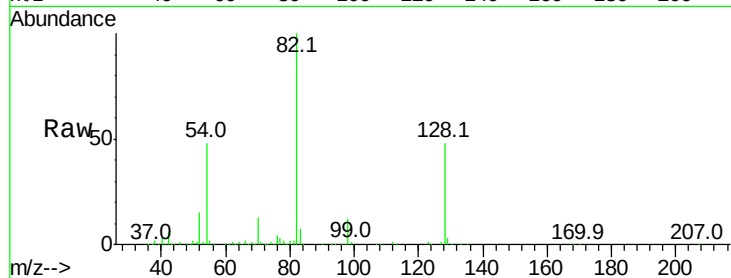
#23
 Nitrobenzene-d5
 Concen: 83.251 ng
 RT: 7.43 min Scan# 909
 Delta R.T. -0.00 min
 Lab File: BF099212.D
 Acq: 8 Oct 2017 1:02

Instrument :
 BNA_F
 ClientSampleId :
 PB103045BS

Tot Ion	Ratio	Lower	Upper
82	100		
128	47.9	36.1	54.1
54	47.8	41.4	62.2

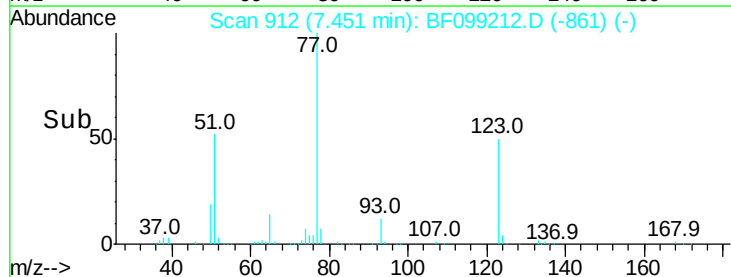
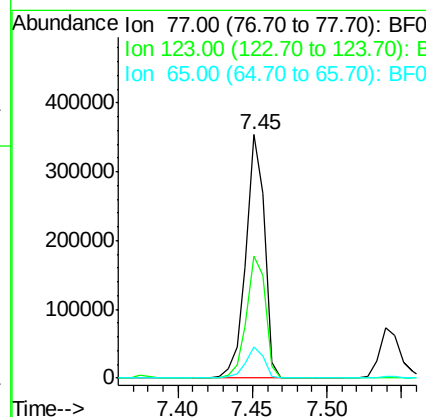
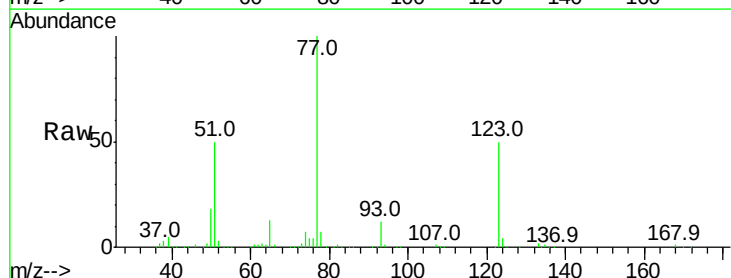
Manual Integrations
 APPROVED

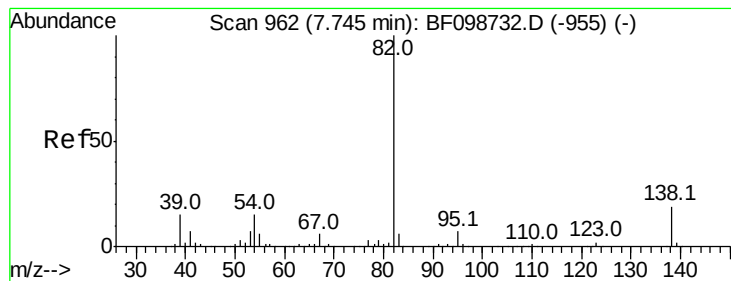
Sohil
 10/9/2017 6:35:03 PM



#24
 Nitrobenzene
 Concen: 36.677 ng
 RT: 7.45 min Scan# 912
 Delta R.T. -0.00 min
 Lab File: BF099212.D
 Acq: 8 Oct 2017 1:02

Tgt Ion	Ratio	Lower	Upper
77	100		
123	50.0	37.9	56.9
65	12.9	11.0	16.4





#25

Isophorone

Concen: 37.199 ng

RT: 7.69 min Scan# 952

Delta R.T. -0.00 min

Lab File: BF099212.D

Acq: 8 Oct 2017 1:02

Instrument :

BNA_F

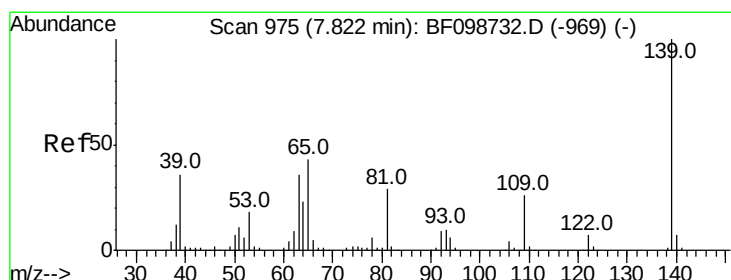
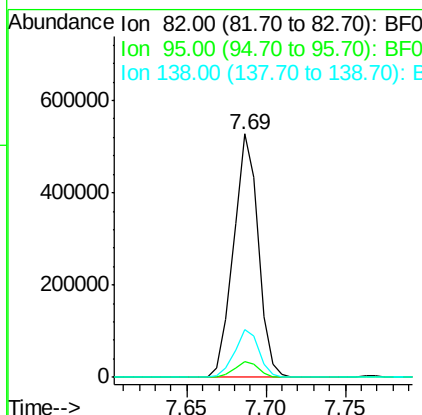
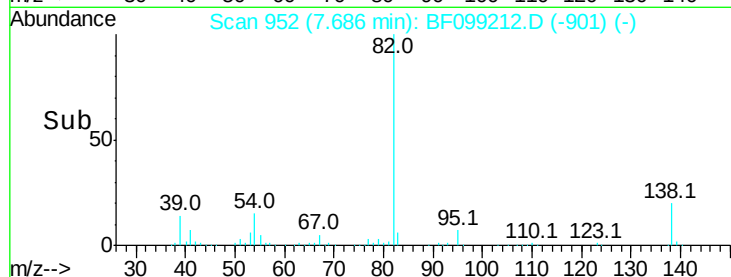
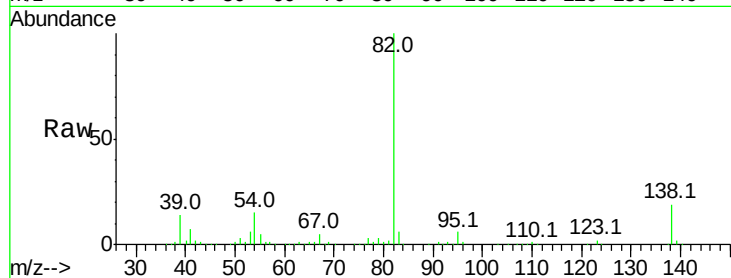
ClientSampleId :

PB103045BS

Tot Ion:	82	Resp:	571059
Ion Ratio	Lower	Upper	
82	100		
95	6.5	5.2	7.8
138	19.4	14.9	22.3

Manual Integrations
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#26

2-Nitrophenol

Concen: 32.564 ng

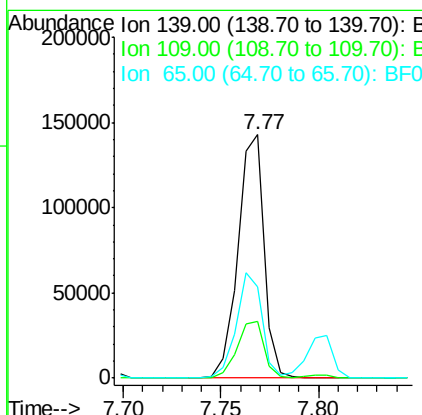
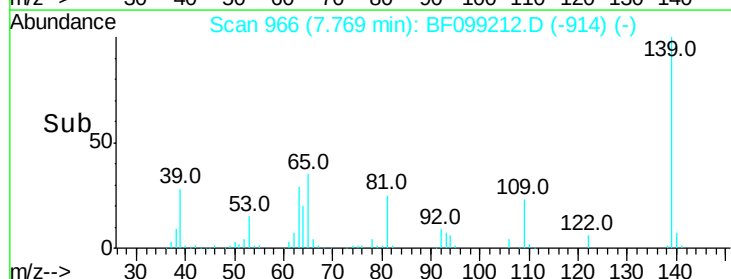
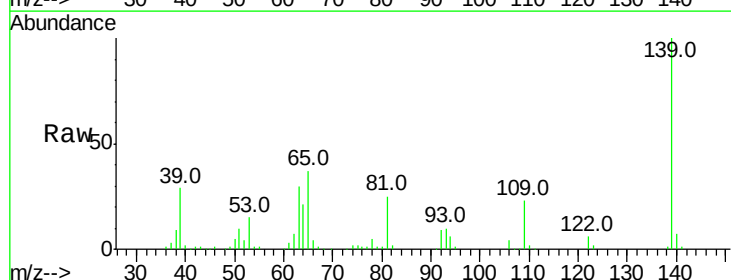
RT: 7.77 min Scan# 966

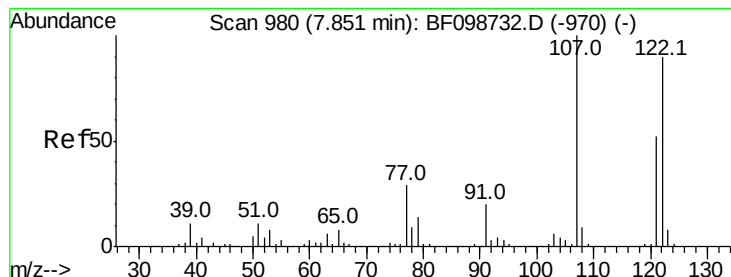
Delta R.T. 0.01 min

Lab File: BF099212.D

Acq: 8 Oct 2017 1:02

Tgt Ion:	139	Resp:	131895
Ion Ratio	Lower	Upper	
139	100		
109	23.1	22.7	34.1
65	37.3	40.5	60.7#





#27

2,4-Dimethylphenol

Concen: 36.013 ng

RT: 7.80 min Scan# 972

Delta R.T. 0.01 min

Lab File: BF099212.D

Acq: 8 Oct 2017 1:02

Instrument :

BNA_F

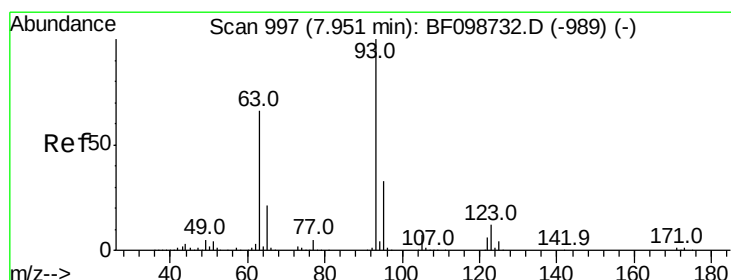
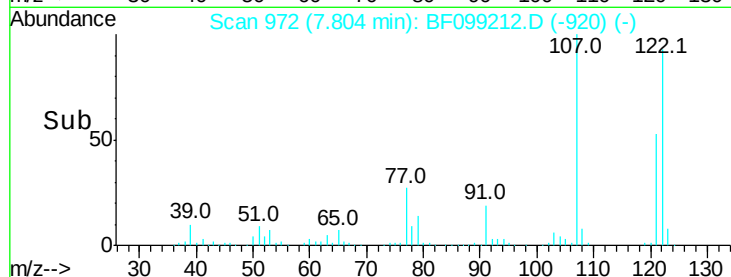
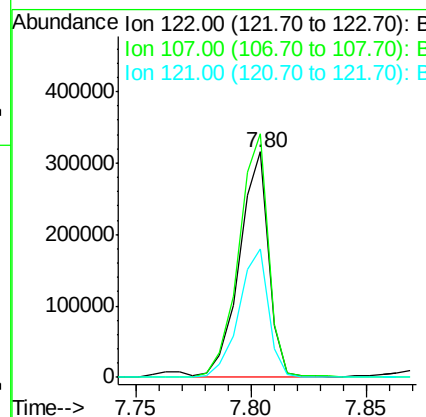
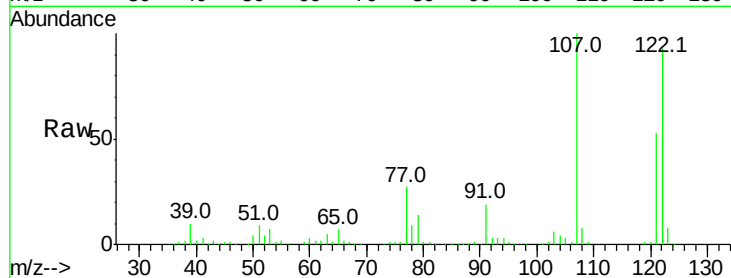
ClientSampleId :

PB103045BS

Tot Ion:	122	Resp:	275470
Ion Ratio	Lower	Upper	
122	100		
107	108.1	91.2	136.8
121	57.0	47.2	70.8

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#28

bis(2-Chloroethoxy)methane

Concen: 39.261 ng

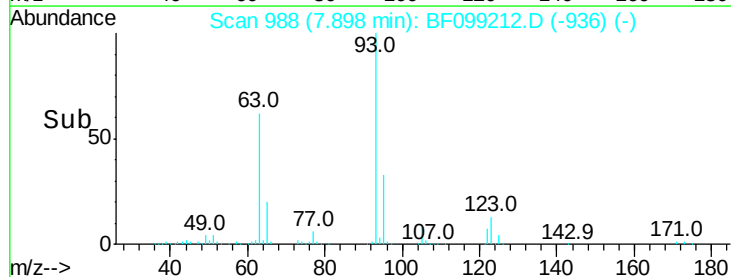
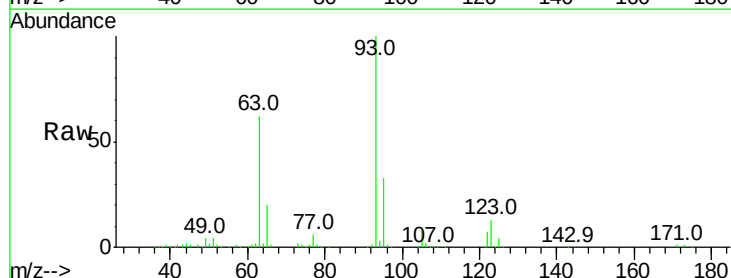
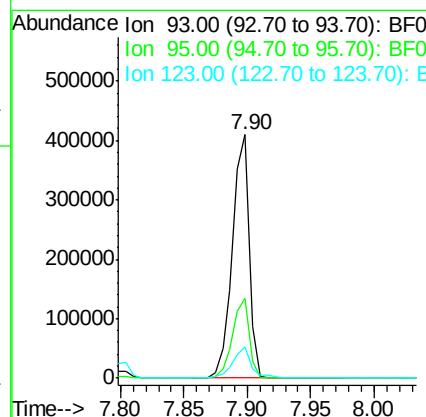
RT: 7.90 min Scan# 988

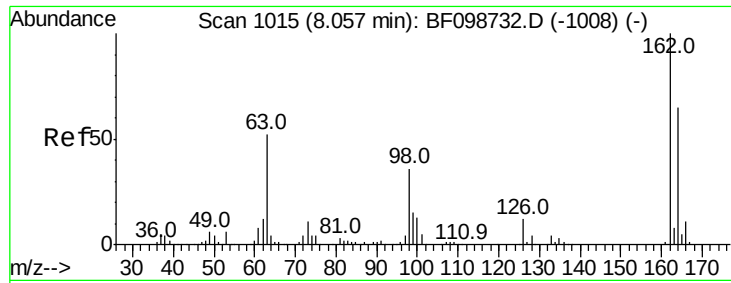
Delta R.T. 0.01 min

Lab File: BF099212.D

Acq: 8 Oct 2017 1:02

Tgt Ion:	93	Resp:	375599
Ion Ratio	Lower	Upper	
93	100		
95	32.9	26.3	39.5
123	12.9	9.8	14.6





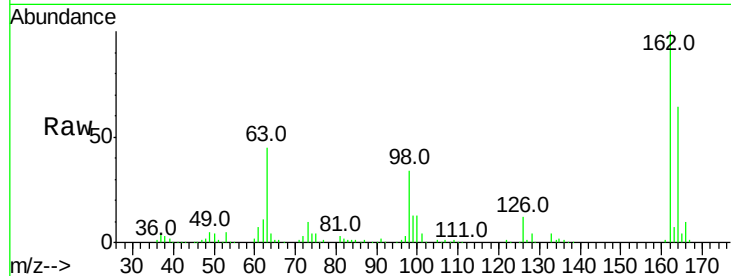
#29
 2,4-Dichlorophenol
 Concen: 38.007 ng
 RT: 8.01 min Scan# 1007
 Delta R.T. 0.01 min
 Lab File: BF099212.D
 Acq: 8 Oct 2017 1:02

Instrument :
 BNA_F
 ClientSampleId :
 PB103045BS

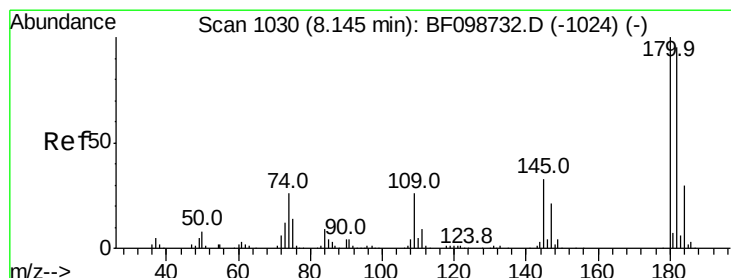
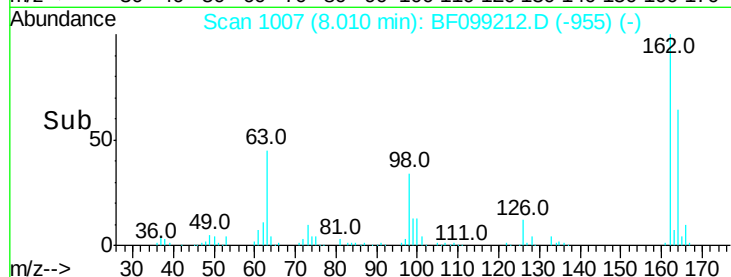
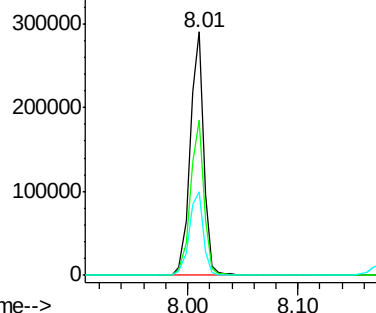
Tot Ion	Ratio	Resp Lower	Upper
162	100		
164	64.0	42.7	82.7
98	34.3	18.1	58.1

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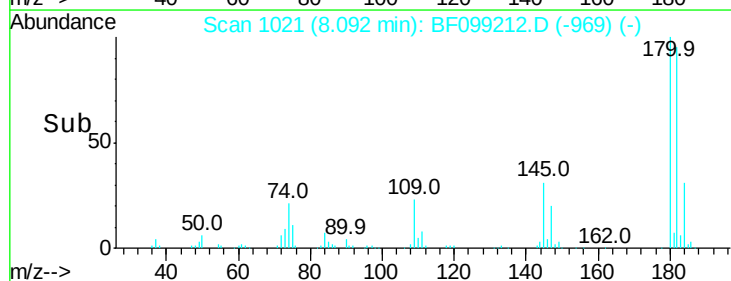
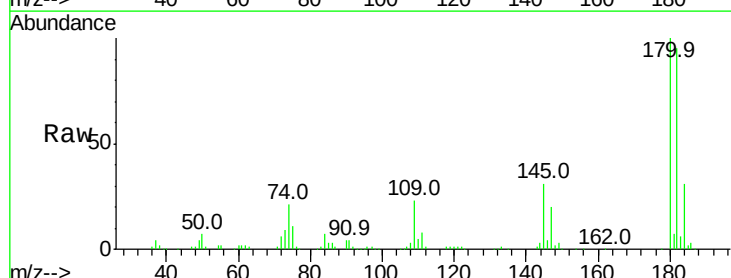
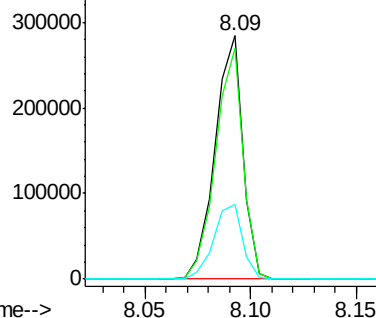
Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

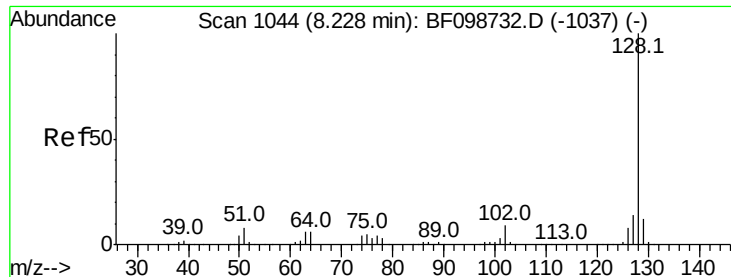


#30
 1,2,4-Trichlorobenzene
 Concen: 39.573 ng
 RT: 8.09 min Scan# 1021
 Delta R.T. 0.01 min
 Lab File: BF099212.D
 Acq: 8 Oct 2017 1:02

Tgt Ion	Ratio	Resp Lower	Upper
180	100		
182	95.0	76.8	115.2
145	30.9	26.5	39.7

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





#31

Naphthalene

Concen: 37.898 ng

RT: 8.17 min Scan# 1035

Delta R.T. 0.01 min

Lab File: BF099212.D

Acq: 8 Oct 2017 1:02

Instrument :

BNA_F

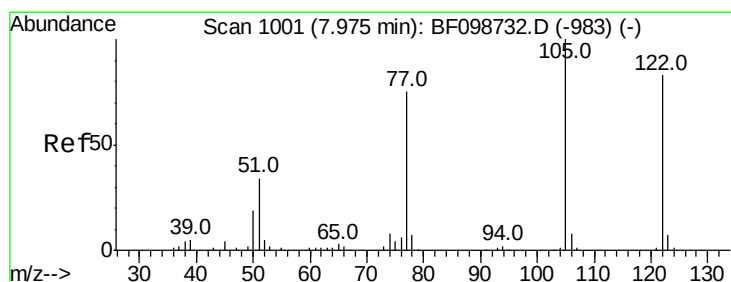
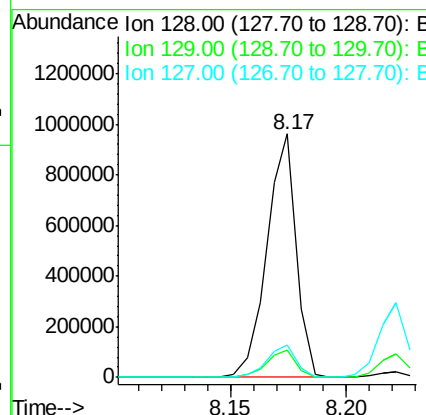
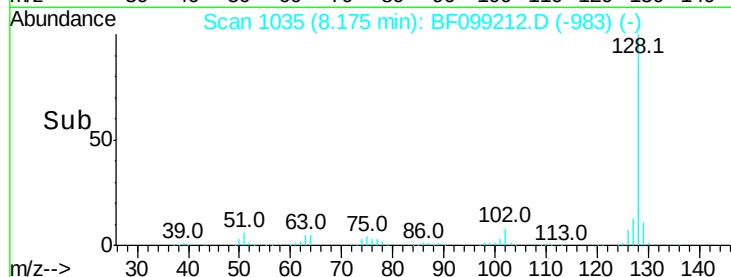
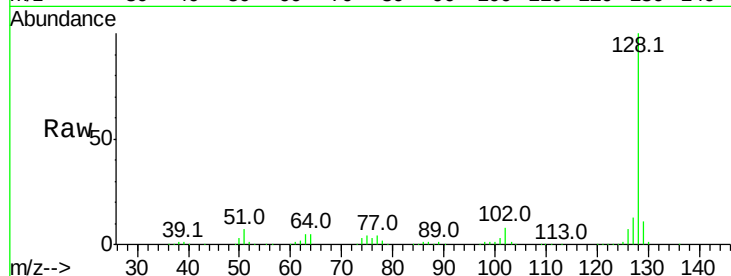
ClientSampleId :

PB103045BS

Tot Ion:	128	Resp:	847556
Ion Ratio	Lower	Upper	
128	100		
129	11.2	8.8	13.2
127	13.4	10.9	16.3

Manual Integrations
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#32

Benzoic acid

Concen: 17.869 ng

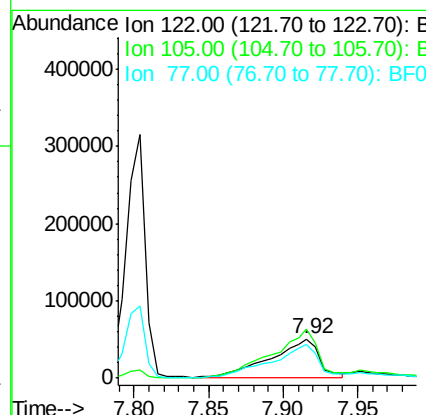
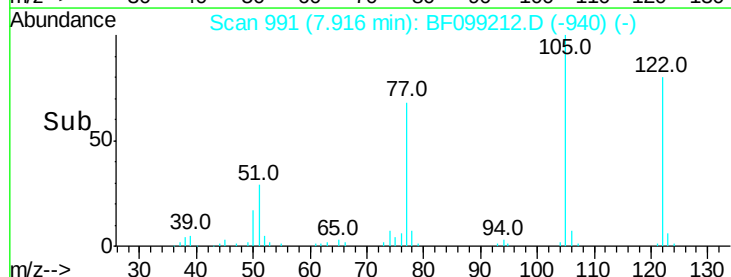
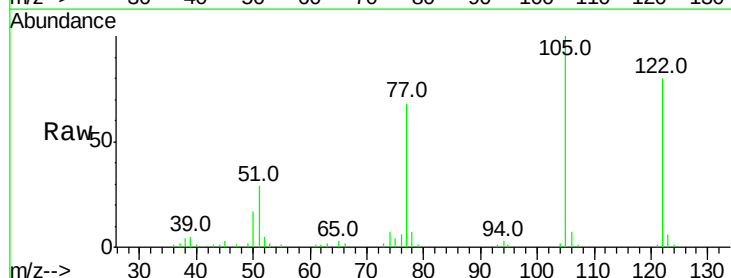
RT: 7.92 min Scan# 991

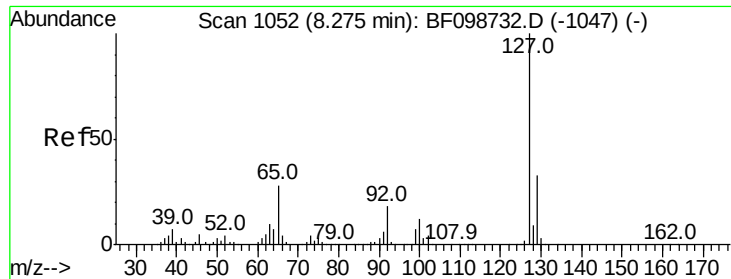
Delta R.T. -0.00 min

Lab File: BF099212.D

Acq: 8 Oct 2017 1:02

Tgt Ion:	122	Resp:	112277
Ion Ratio	Lower	Upper	
122	100		
105	125.2	101.1	141.1
77	85.1	70.7	110.7





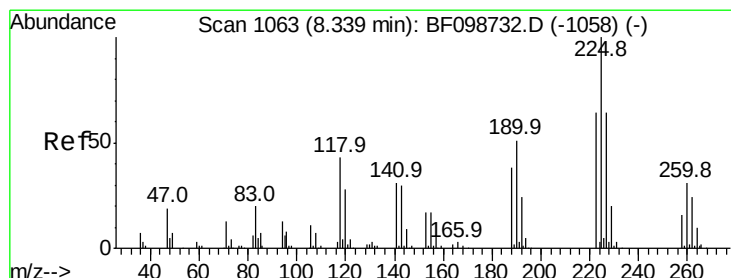
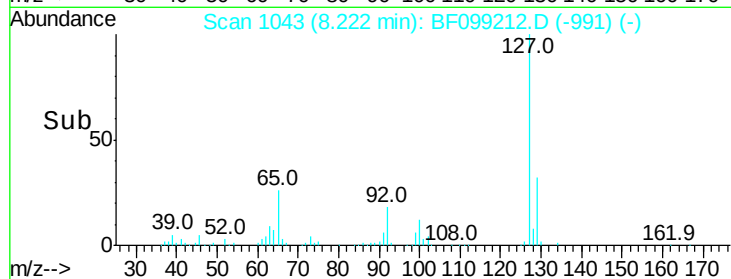
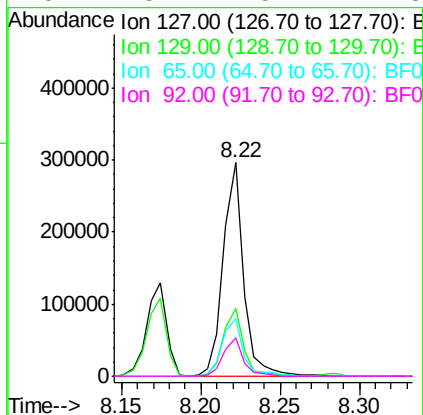
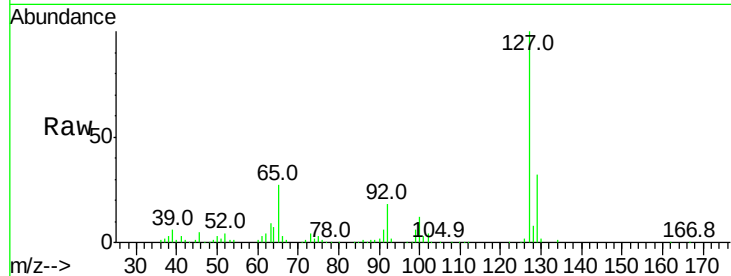
#33
4-Chloroaniline
Concen: 28.175 ng
RT: 8.22 min Scan# 1043
Delta R.T. 0.01 min
Lab File: BF099212.D
Acq: 8 Oct 2017 1:02

Instrument :
BNA_F
ClientSampleId :
PB103045BS

Tot Ion	Ratio	Resp Lower	Upper
127	100		
129	32.0	25.9	38.9
65	27.0	25.0	37.4
92	18.1	15.2	22.8

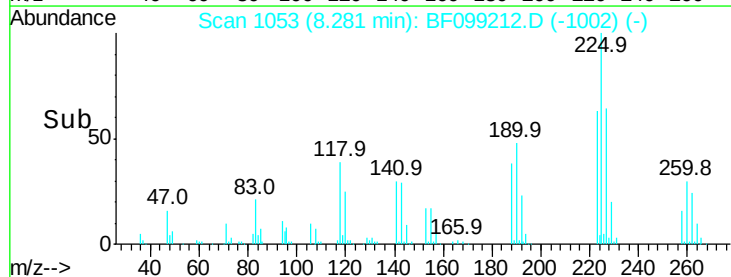
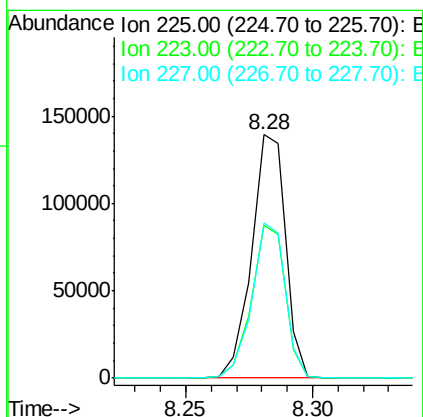
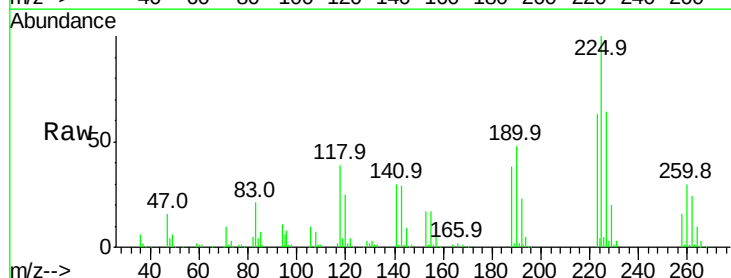
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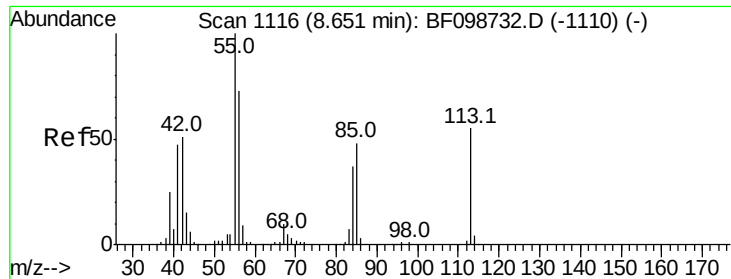
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#34
Hexachlorobutadiene
Concen: 38.471 ng
RT: 8.28 min Scan# 1053
Delta R.T. -0.00 min
Lab File: BF099212.D
Acq: 8 Oct 2017 1:02

Tgt Ion	Ratio	Resp Lower	Upper
225	100		
223	62.8	50.6	76.0
227	63.5	51.9	77.9





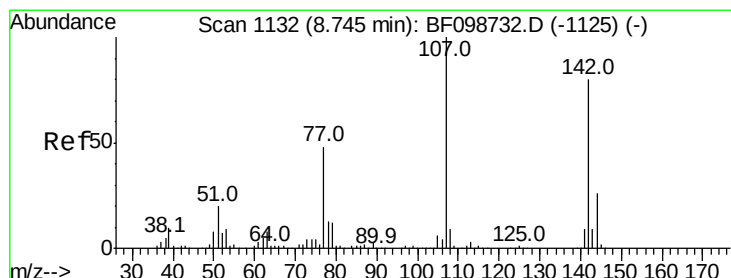
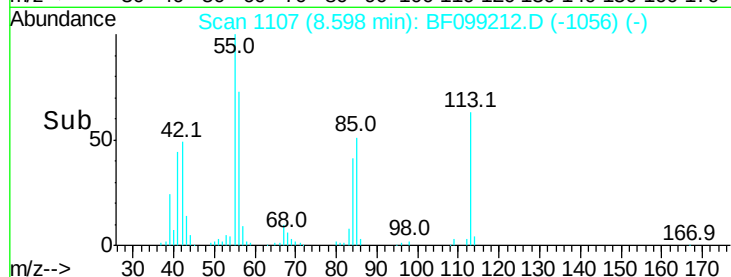
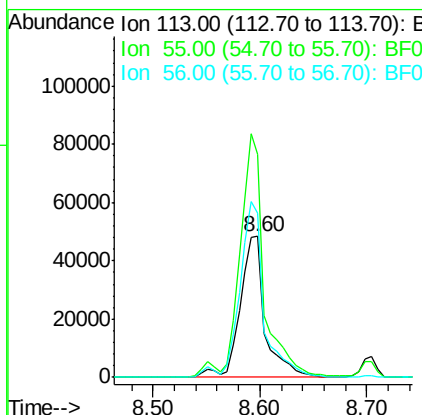
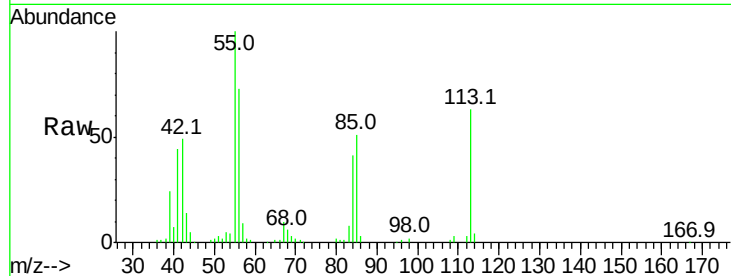
#35
Caprolactam
Concen: 37.723 ng/ml
RT: 8.60 min Scan# 1107
Delta R.T. -0.00 min
Lab File: BF099212.D
Acq: 8 Oct 2017 1:02

Instrument :
BNA_F
ClientSampleID :
PB103045BS

Tot Ion:113 Resp: 79469
Ion Ratio Lower Upper
113 100
55 158.5 163.3 203.3#
56 116.2 115.7 155.7

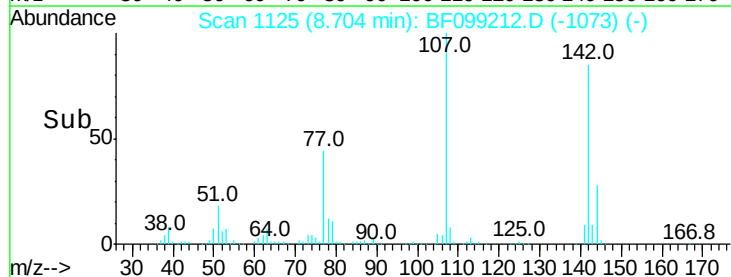
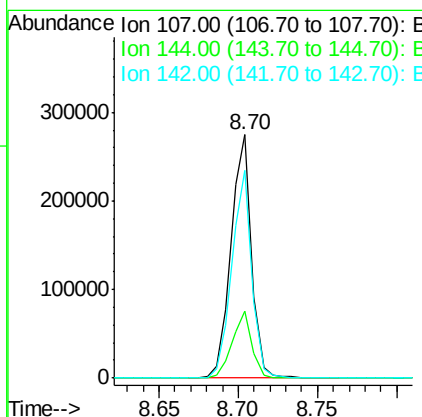
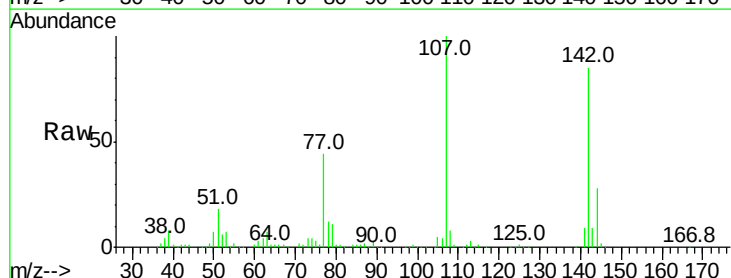
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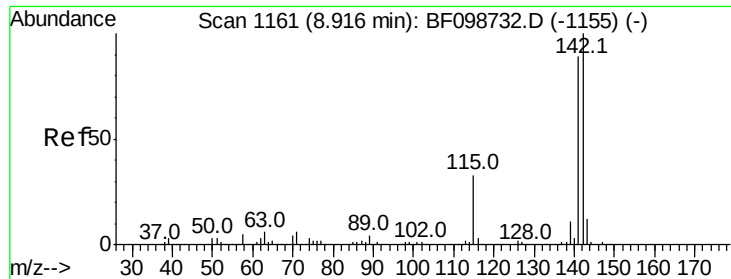
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#36
4-Chloro-3-methylphenol
Concen: 33.487 ng/ml
RT: 8.70 min Scan# 1125
Delta R.T. 0.01 min
Lab File: BF099212.D
Acq: 8 Oct 2017 1:02

Tgt Ion:107 Resp: 247189
Ion Ratio Lower Upper
107 100
144 27.6 20.5 30.7
142 85.3 62.0 93.0





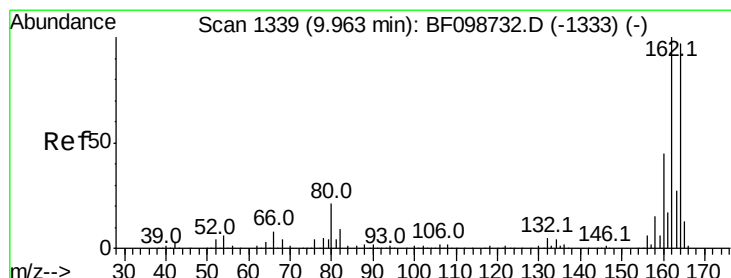
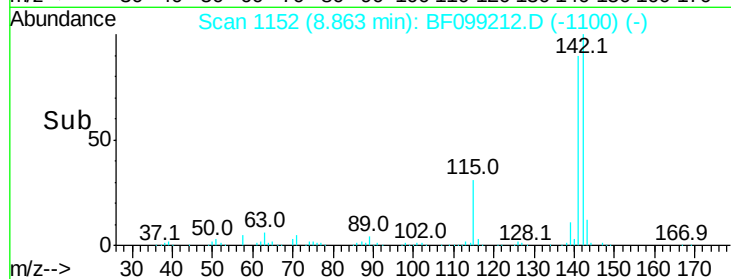
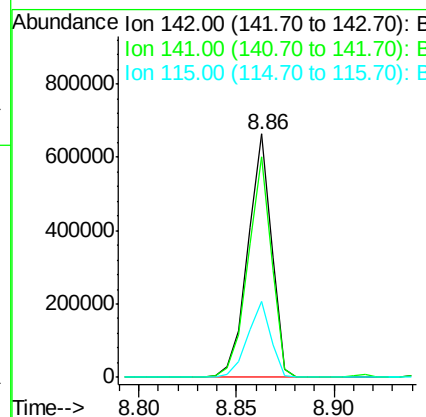
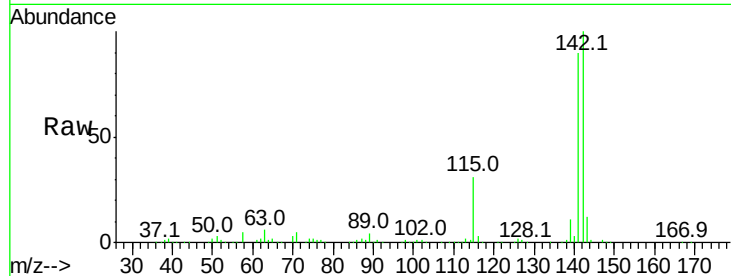
#37
2-Methylnaphthalene
Concen: 38.514 ng
RT: 8.86 min Scan# 1152
Delta R.T. 0.01 min
Lab File: BF099212.D
Acq: 8 Oct 2017 1:02

Instrument :
BNA_F
ClientSampleId :
PB103045BS

Tot Ion	Ratio	Resp	Lower	Upper
142	100	559939		
141	90.5		70.8	106.2
115	31.3		26.1	39.1

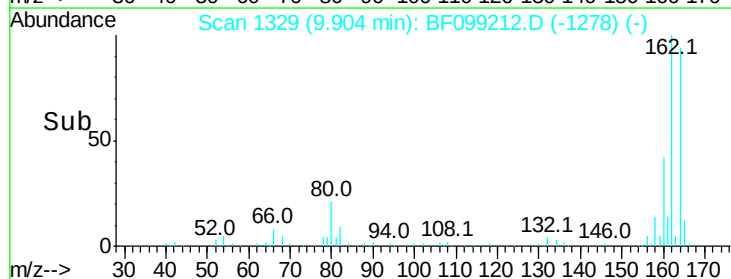
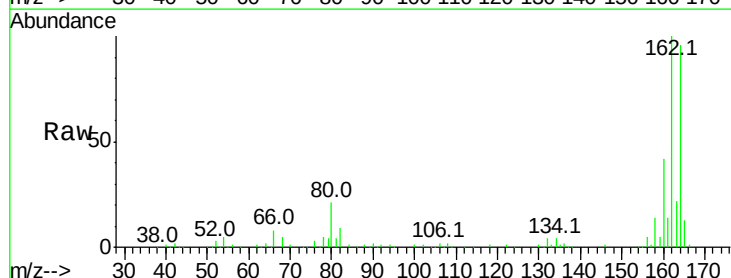
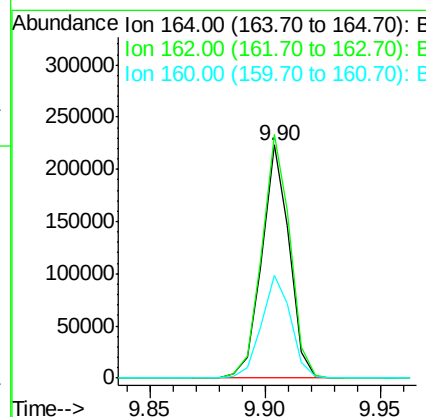
Manual Integrations
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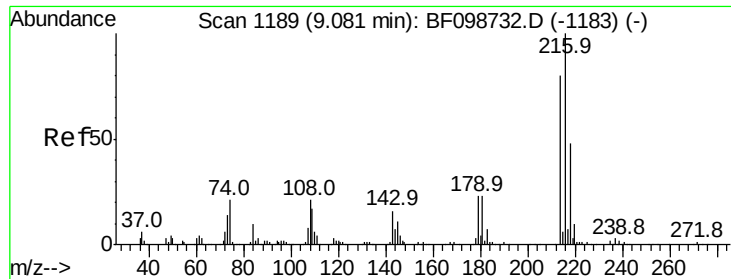
Sohil
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#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.90 min Scan# 1329
Delta R.T. -0.00 min
Lab File: BF099212.D
Acq: 8 Oct 2017 1:02

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	185267		
162	104.4		86.1	129.1
160	44.1		38.3	57.5





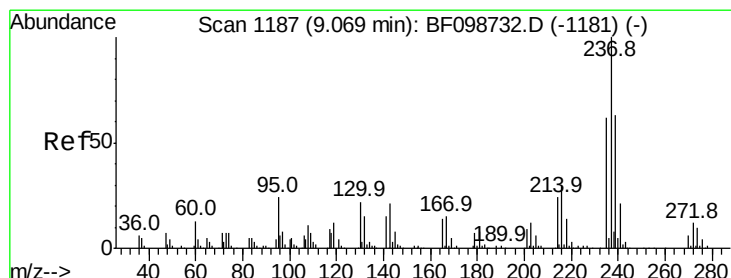
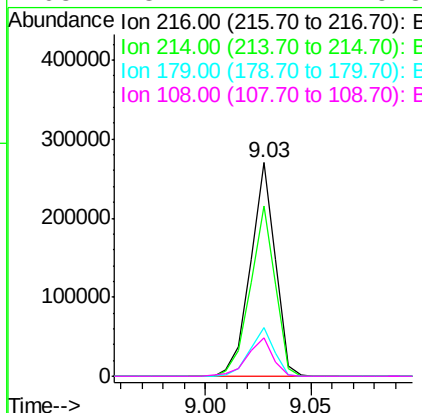
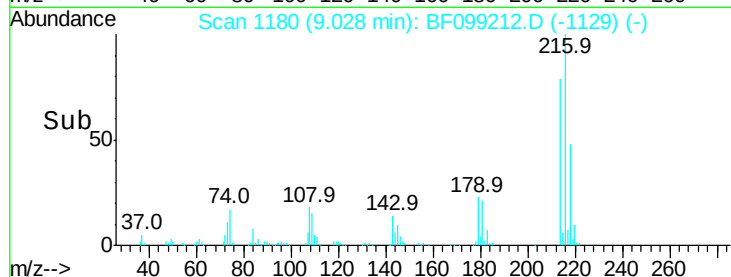
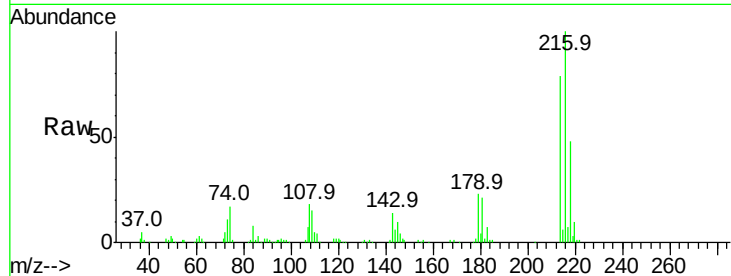
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 39.978 ng
 RT: 9.03 min Scan# 1180
 Delta R.T. -0.00 min
 Lab File: BF099212.D
 Acq: 8 Oct 2017 1:02

Instrument :
 BNA_F
 ClientSampleId :
 PB103045BS

Tot Ion	Ratio	Resp Lower	Upper
216	100		
214	79.6	63.0	94.4
179	22.5	18.1	27.1
108	18.4	17.2	25.8

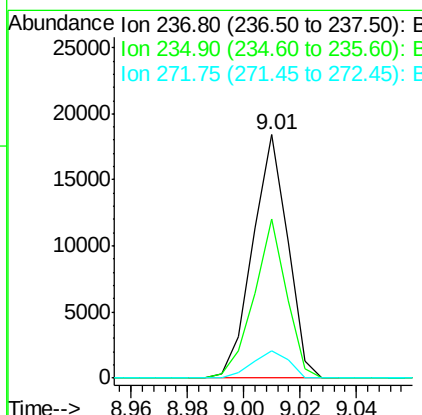
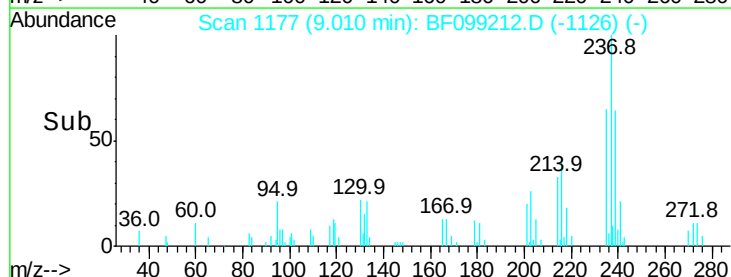
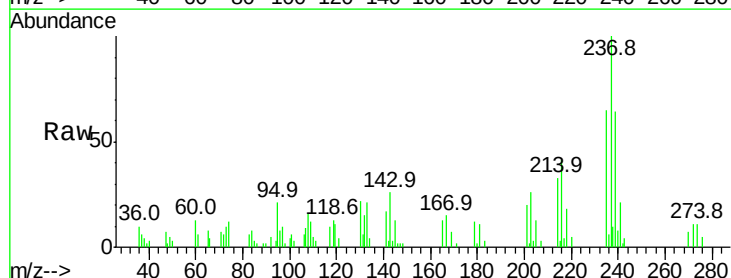
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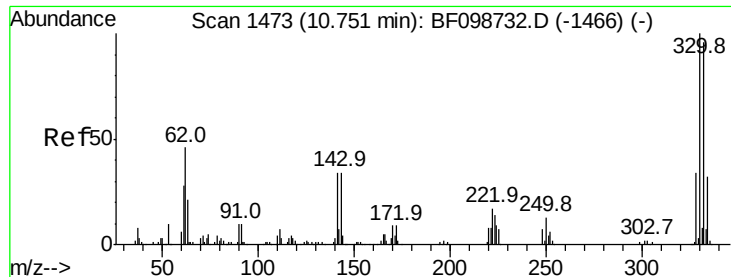
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#40
 Hexachlorocyclopentadiene
 Concen: 6.270 ng
 RT: 9.01 min Scan# 1177
 Delta R.T. -0.00 min
 Lab File: BF099212.D
 Acq: 8 Oct 2017 1:02

Tgt Ion	Ratio	Resp Lower	Upper
237	100		
235	65.3	44.8	84.8
272	11.2	0.0	33.3





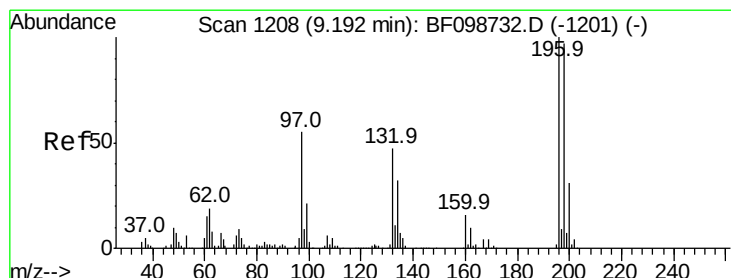
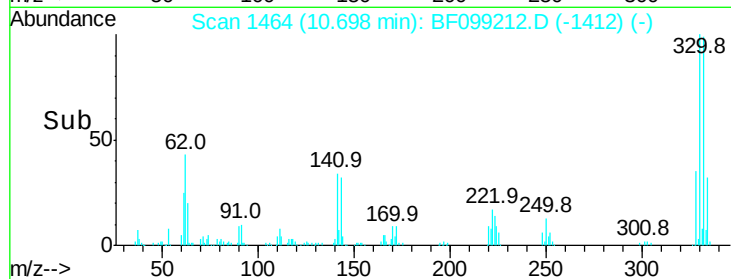
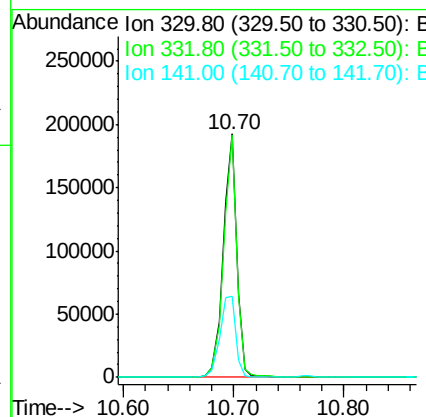
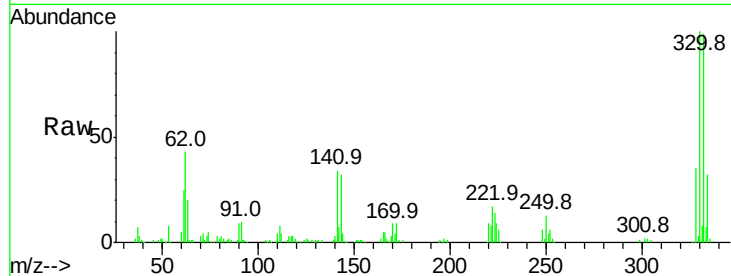
#41
 2,4,6-Tribromophenol
 Concen: 108.327 ng
 RT: 10.70 min Scan# 1464
 Delta R.T. 0.01 min
 Lab File: BF099212.D
 Acq: 8 Oct 2017 1:02

Instrument :
 BNA_F
 ClientSampled :
 PB103045BS

Tot Ion	Ratio	Resp	Lower	Upper
330	100	164222		
332	96.6	77.0	115.6	
141	38.7	29.9	44.9	

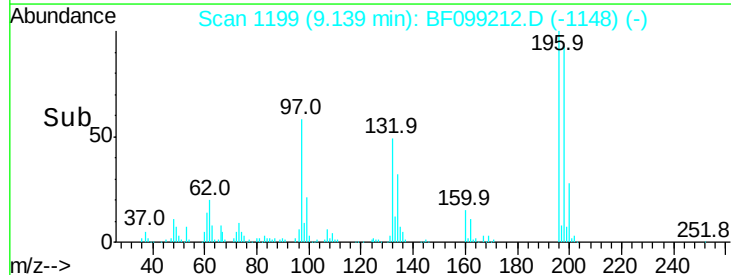
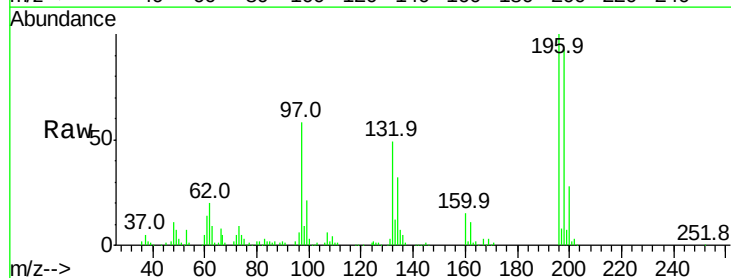
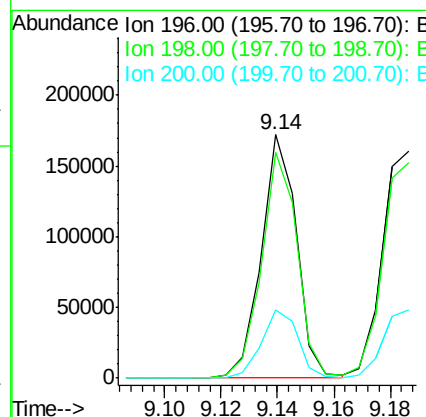
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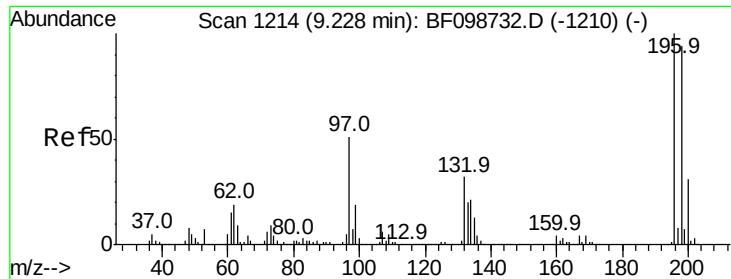
Sohil
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#42
 2,4,6-Trichlorophenol
 Concen: 38.049 ng
 RT: 9.14 min Scan# 1199
 Delta R.T. -0.00 min
 Lab File: BF099212.D
 Acq: 8 Oct 2017 1:02

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	148932		
198	92.8	75.7	113.5	
200	28.1	24.5	36.7	





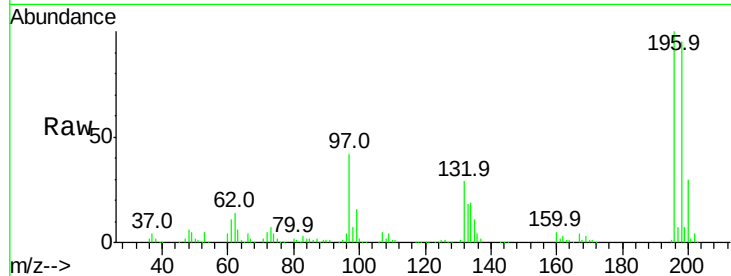
#43
 2,4,5-Trichlorophenol
 Concen: 38.400 ng
 RT: 9.19 min Scan# 1207
 Delta R.T. 0.01 min
 Lab File: BF099212.D
 Acq: 8 Oct 2017 1:02

Instrument :
 BNA_F
 ClientSampled :
 PB103045BS

Tot Ion	Ratio	Resp	Lower	Upper
196	100	150043		
198	95.0	74.6	112.0	
97	42.3	42.9	64.3#	
132	28.6	26.3	39.5	

Manual Integrations
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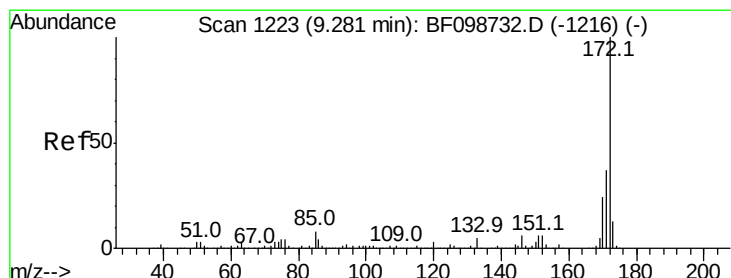
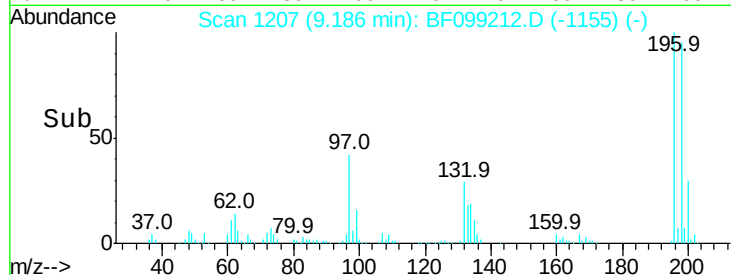
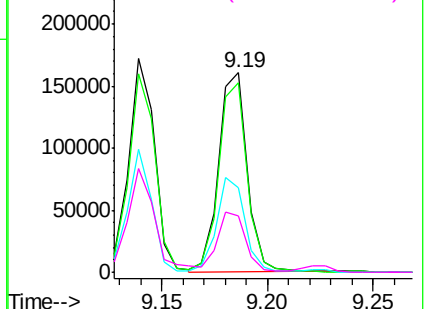
Abundance

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: 96.630 ng
 RT: 9.23 min Scan# 1214
 Delta R.T. 0.01 min
 Lab File: BF099212.D
 Acq: 8 Oct 2017 1:02

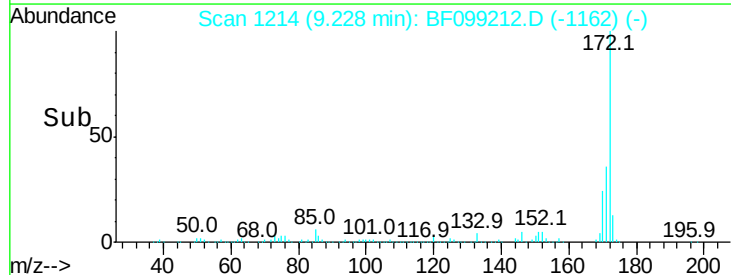
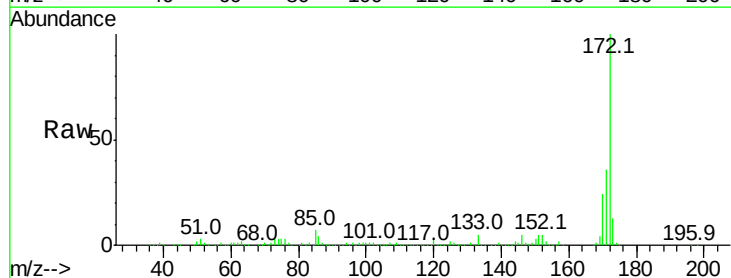
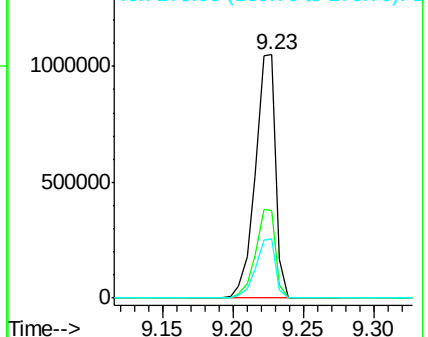
Tgt Ion	Ratio	Resp	Lower	Upper
172	100	1072370		
171	36.2	29.7	44.5	
170	24.2	19.6	29.4	

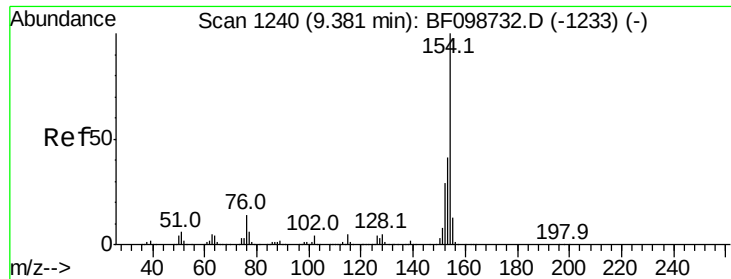
Abundance

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: 39.566 ng

RT: 9.33 min Scan# 1231

Delta R.T. 0.01 min

Lab File: BF099212.D

Acq: 8 Oct 2017 1:02

Instrument :

BNA_F

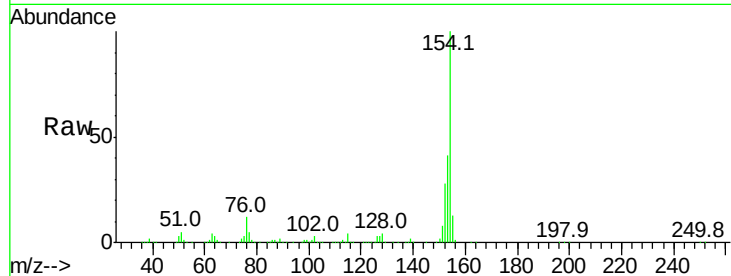
ClientSampleId :

PB103045BS

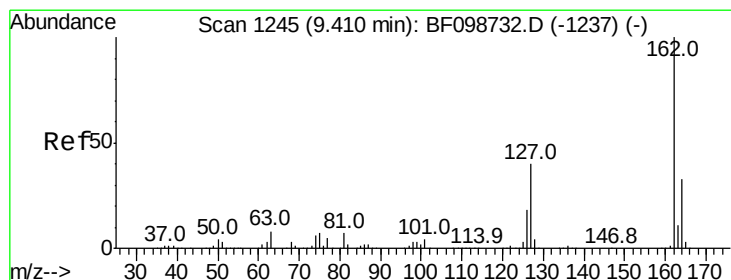
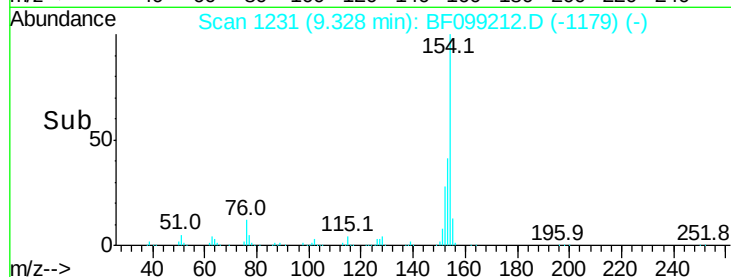
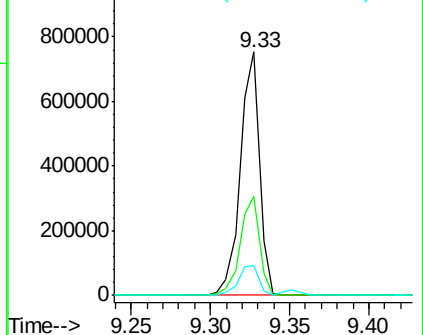
Tot Ion:	154	Resp:	629998
Ion Ratio	Lower	Upper	
154	100		
153	40.5	21.3	61.3
76	12.1	0.0	34.0

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



#46

2-Chloronaphthalene

Concen: 40.624 ng

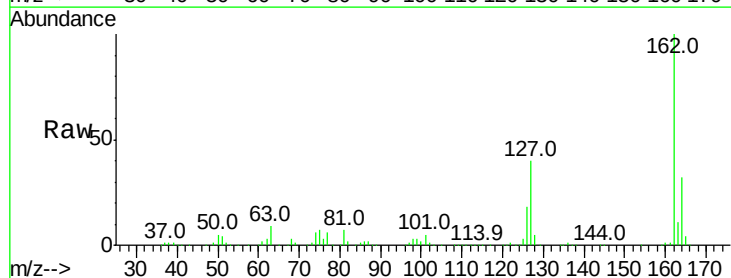
RT: 9.35 min Scan# 1235

Delta R.T. -0.00 min

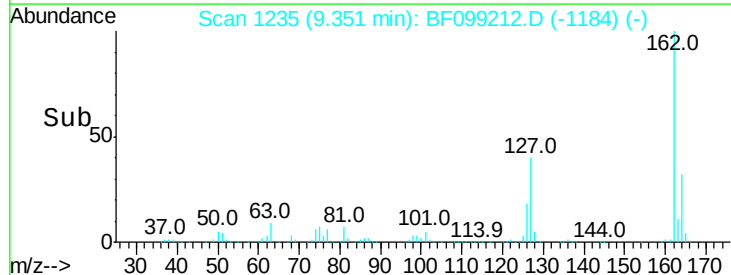
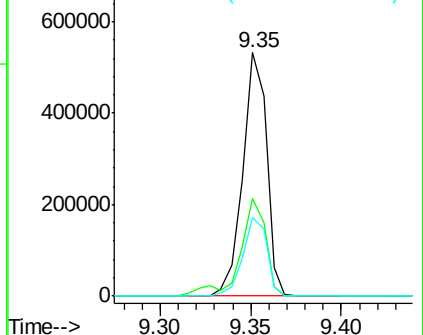
Lab File: BF099212.D

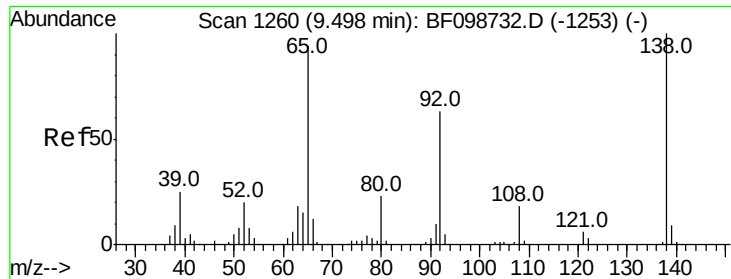
Acq: 8 Oct 2017 1:02

Tgt Ion:	162	Resp:	485657
Ion Ratio	Lower	Upper	
162	100		
127	40.1	33.9	50.9
164	32.5	26.5	39.7



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





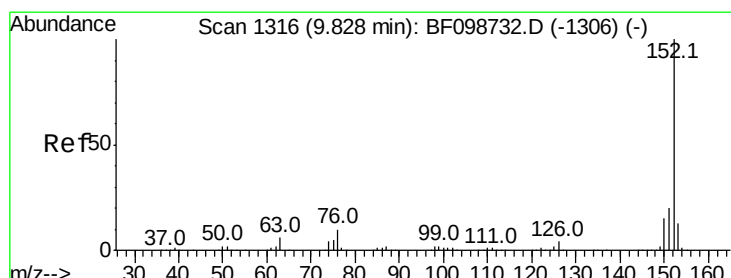
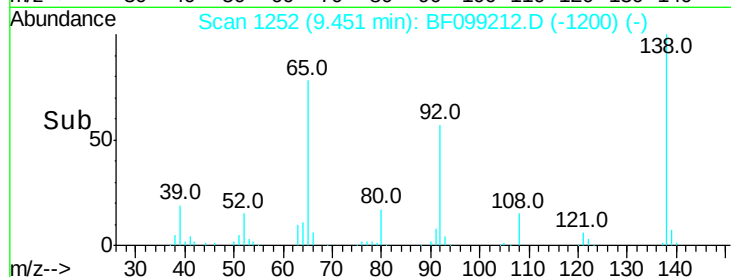
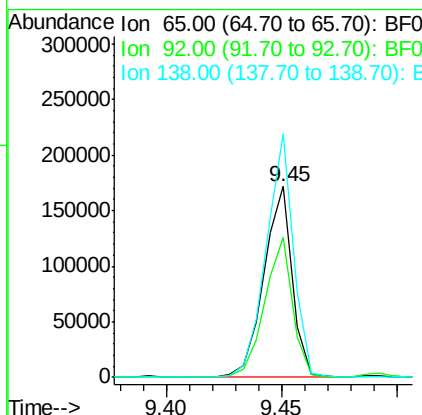
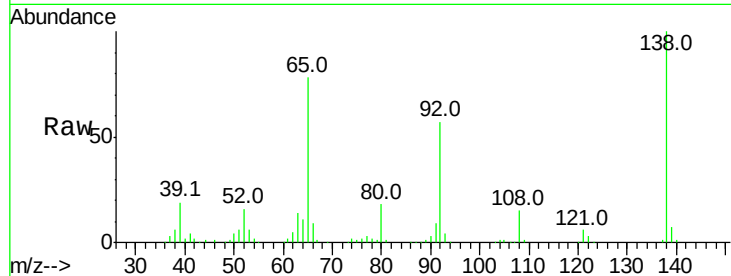
#47
2-Nitroaniline
Concen: 40.118 ng
RT: 9.45 min Scan# 1252
Delta R.T. 0.01 min
Lab File: BF099212.D
Acq: 8 Oct 2017 1:02

Instrument :
BNA_F
ClientSampleId :
PB103045BS

Tot Ion	Ratio	Lower	Upper
65	100		
92	73.3	55.8	83.6
138	127.7	91.2	136.8

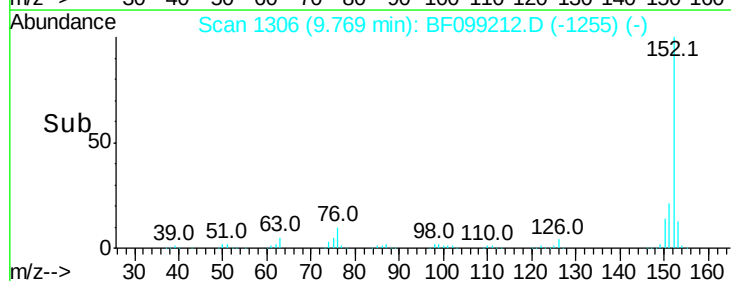
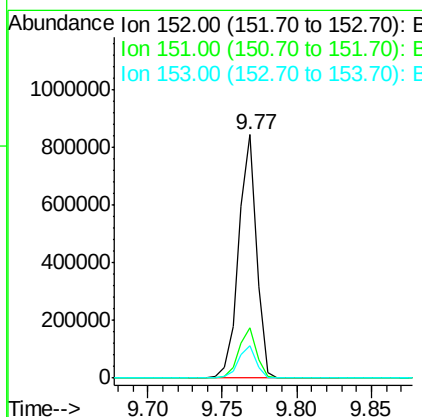
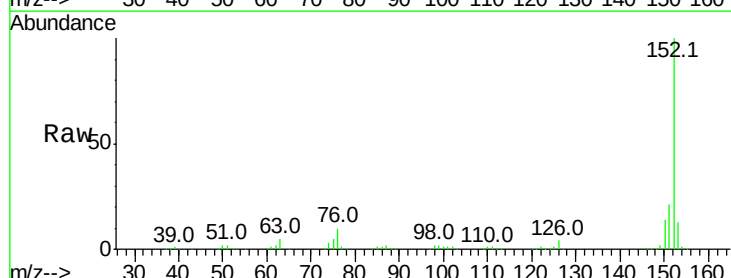
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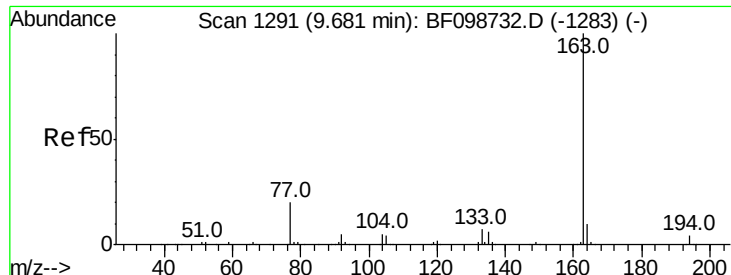
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#48
Acenaphthylene
Concen: 38.667 ng
RT: 9.77 min Scan# 1306
Delta R.T. -0.00 min
Lab File: BF099212.D
Acq: 8 Oct 2017 1:02

Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.6	16.3	24.5
153	13.3	10.7	16.1





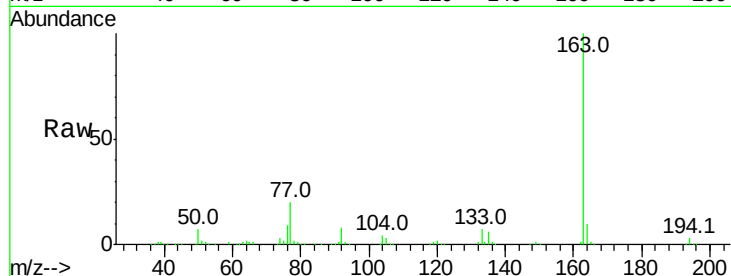
#49
 Dimethylphthalate
 Concen: 41.782 ng
 RT: 9.62 min Scan# 1281
 Delta R.T. -0.00 min
 Lab File: BF099212.D
 Acq: 8 Oct 2017 1:02

Instrument :
 BNA_F
 ClientSampleId :
 PB103045BS

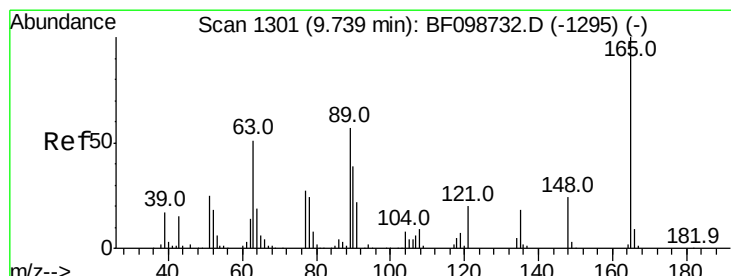
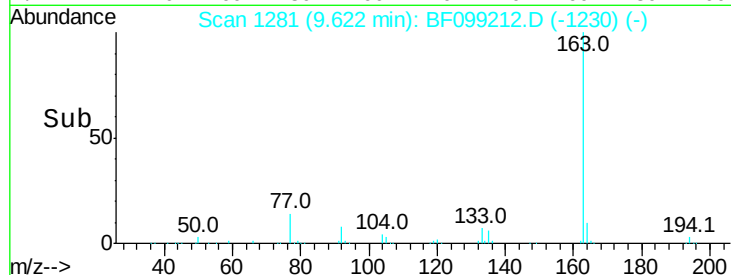
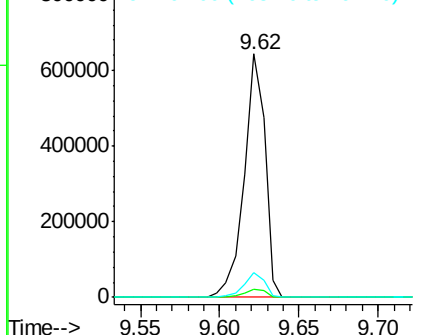
Tot Ion	Ratio	Resp	Lower	Upper
163	100			
194	3.4	2.7	4.1	
164	10.3	8.2	12.2	

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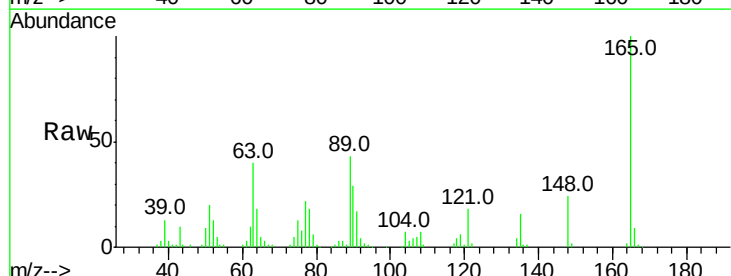


Abundance Ion 163.00 (162.70 to 163.70): E
 Ion 194.00 (193.70 to 194.70): E
 Ion 164.00 (163.70 to 164.70): E

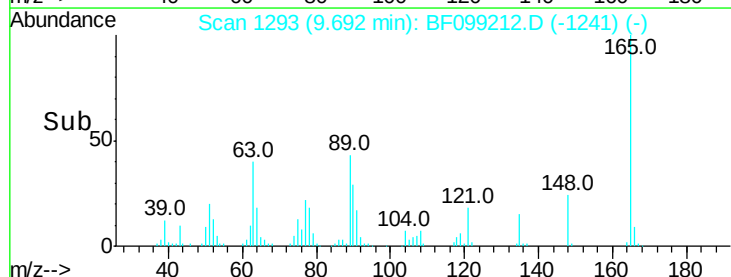
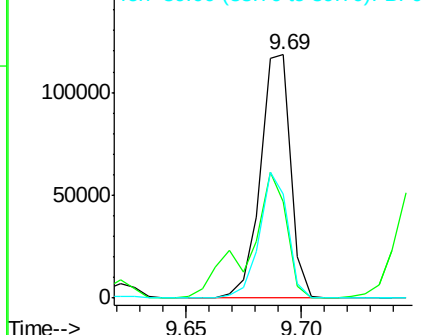


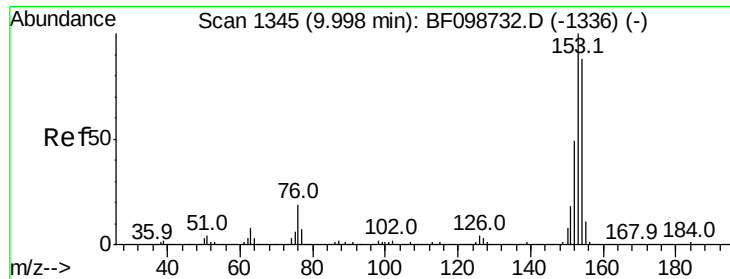
#50
 2,6-Dinitrotoluene
 Concen: 35.591 ng
 RT: 9.69 min Scan# 1293
 Delta R.T. 0.01 min
 Lab File: BF099212.D
 Acq: 8 Oct 2017 1:02

Tgt Ion	Ratio	Resp	Lower	Upper
165	100			
63	39.7	44.7	67.1#	
89	42.6	44.0	66.0#	



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





#51

Acenaphthene

Concen: 35.998 ng

RT: 9.94 min Scan# 1335

Delta R.T. -0.00 min

Lab File: BF099212.D

Acq: 8 Oct 2017 1:02

Instrument :

BNA_F

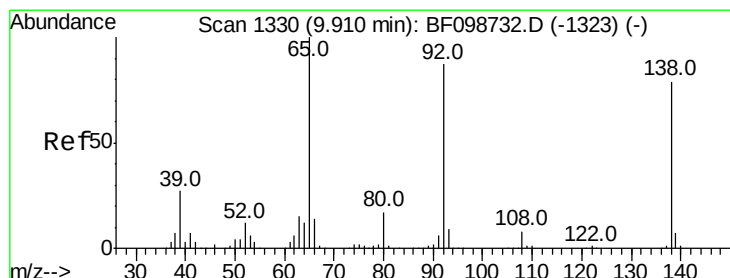
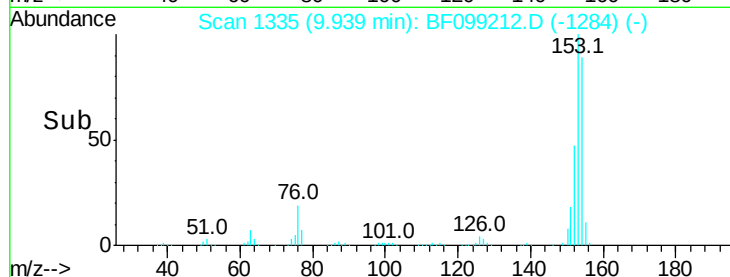
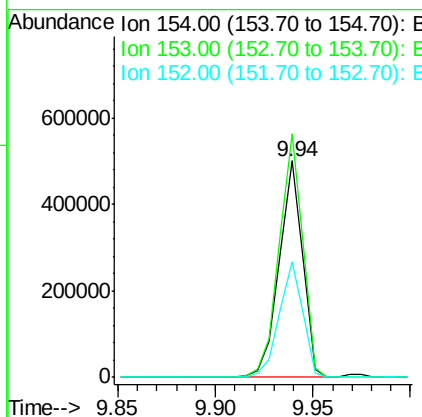
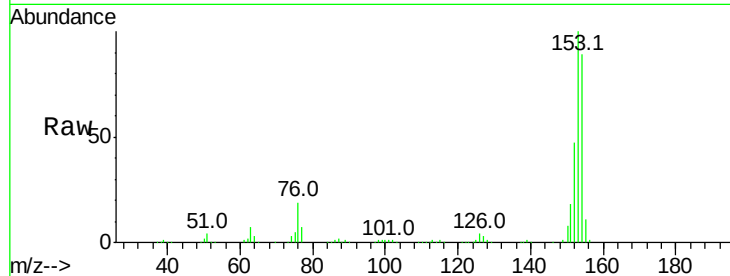
ClientSampleId :

PB103045BS

Tot Ion:	154	Resp:	417319
Ion Ratio	Lower	Upper	
154	100		
153	112.4	91.2	136.8
152	53.1	43.8	65.8

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#52

3-Nitroaniline

Concen: 42.422 ng

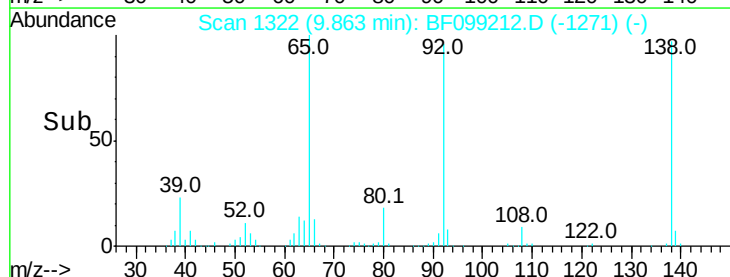
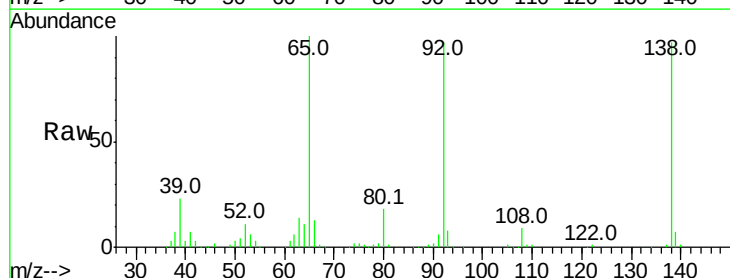
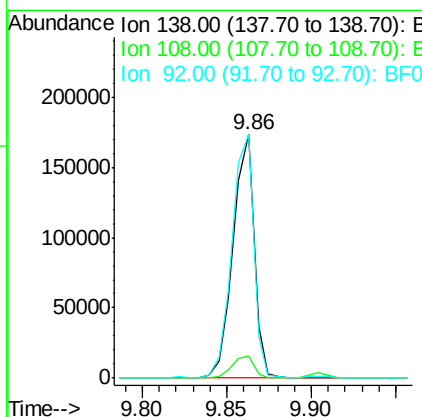
RT: 9.86 min Scan# 1322

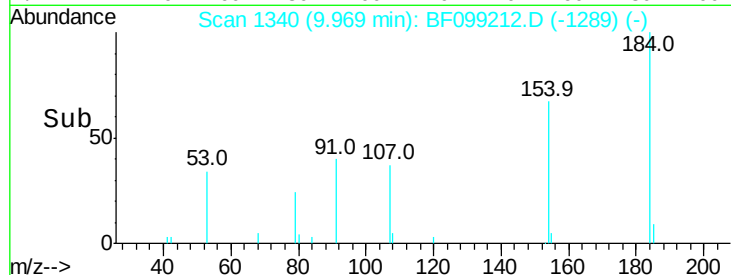
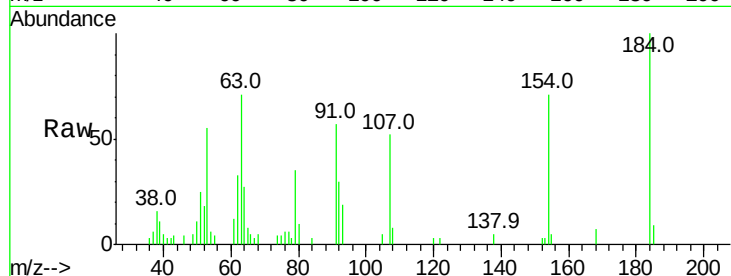
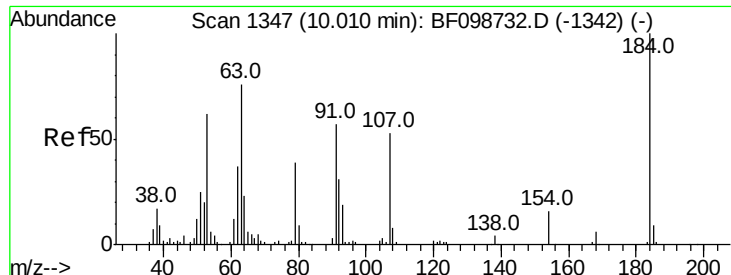
Delta R.T. -0.00 min

Lab File: BF099212.D

Acq: 8 Oct 2017 1:02

Tgt Ion:	138	Resp:	150579
Ion Ratio	Lower	Upper	
138	100		
108	9.3	9.4	14.0#
92	99.9	89.4	134.2





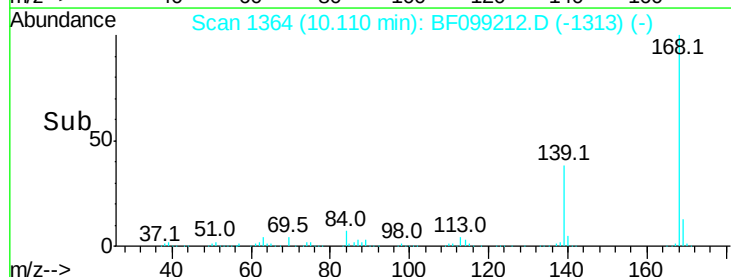
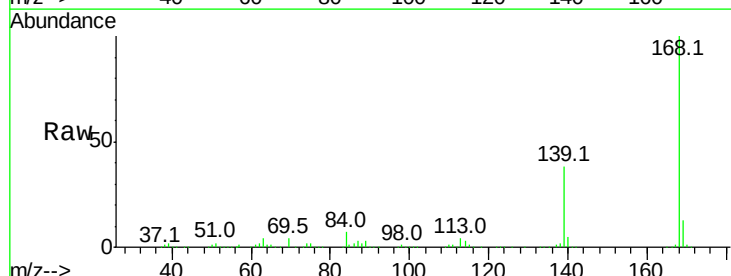
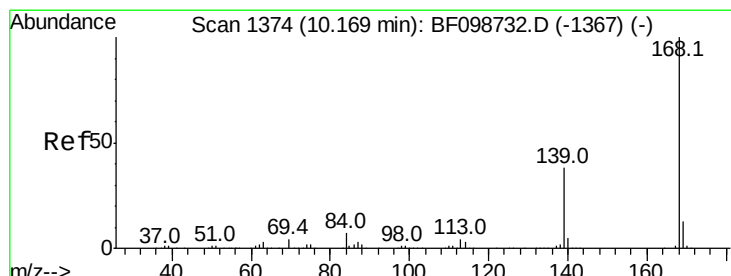
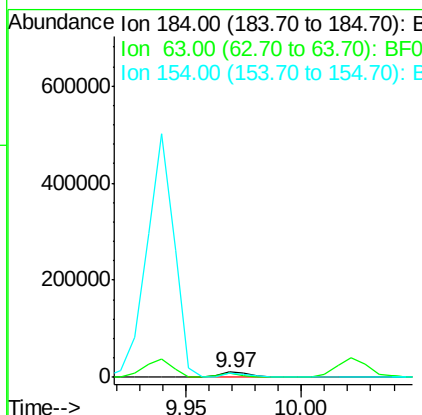
#53
2,4-Dinitrophenol
Concen: 12.205 ng
RT: 9.97 min Scan# 1340
Delta R.T. -0.00 min
Lab File: BF099212.D
Acq: 8 Oct 2017 1:02

Tot Ion	Ratio	Resp	Lower	Upper
184	100			
63	71.2	54.2	81.2	
154	70.7	53.5	80.3	

Instrument :
BNA_F
ClientSampleId :
PB103045BS

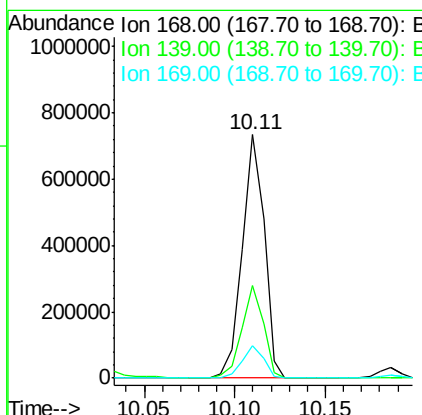
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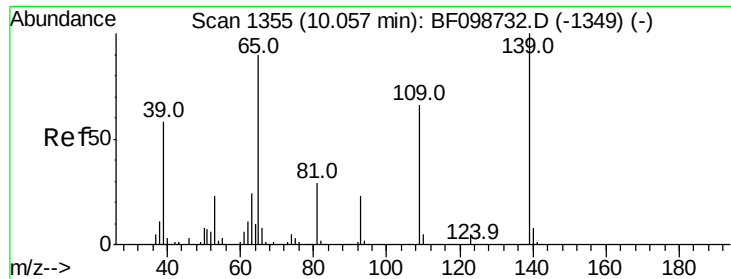
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#54
Dibenzofuran
Concen: 40.163 ng
RT: 10.11 min Scan# 1364
Delta R.T. -0.00 min
Lab File: BF099212.D
Acq: 8 Oct 2017 1:02

Tgt Ion	Ratio	Resp	Lower	Upper
168	100			
139	38.1	30.1	45.1	
169	13.5	10.9	16.3	





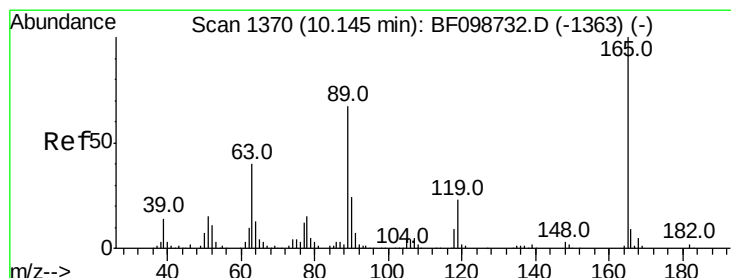
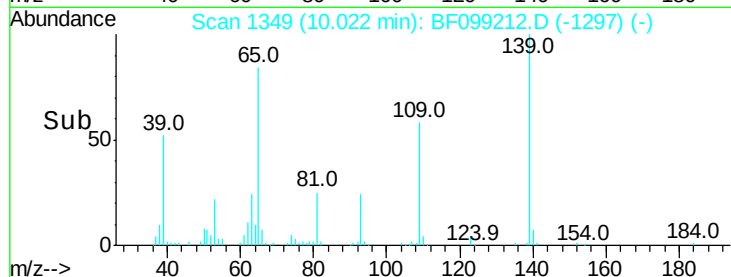
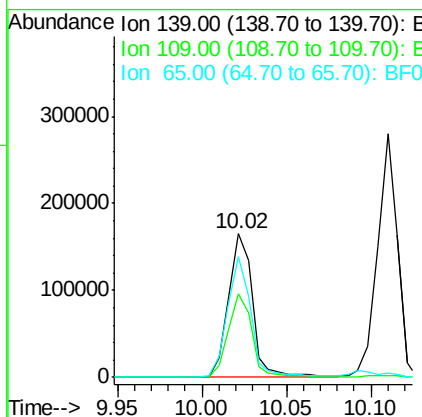
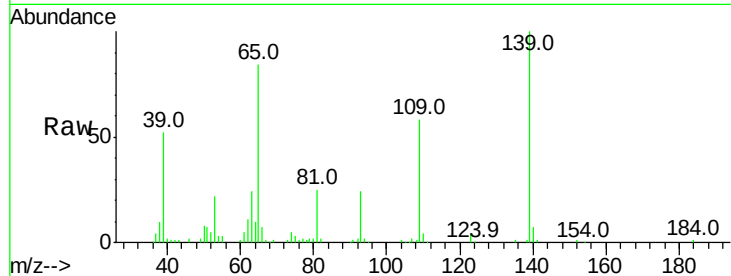
#55
4-Nitrophenol
Concen: 54.773 ng
RT: 10.02 min Scan# 1349
Delta R.T. 0.01 min
Lab File: BF099212.D
Acq: 8 Oct 2017 1:02

Instrument :
BNA_F
ClientSampleId :
PB103045BS

Tot Ion	Ratio	Resp	Lower	Upper
139	100	164395		
109	58.4	48.4	88.4	
65	84.3	72.6	112.6	

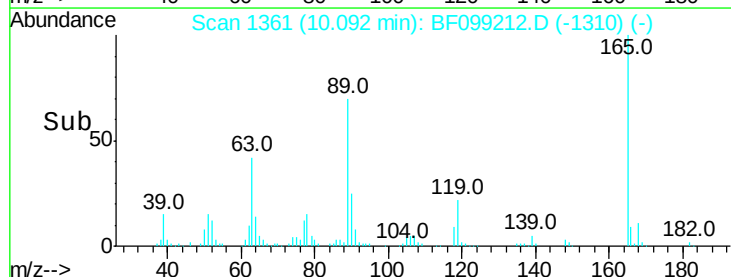
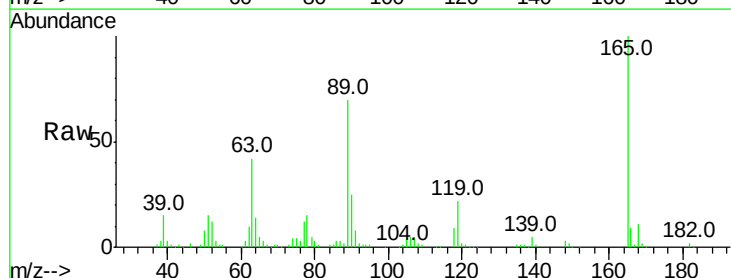
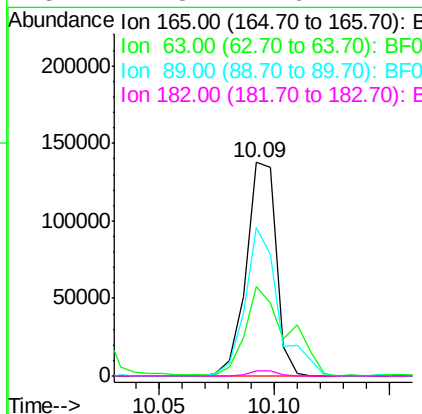
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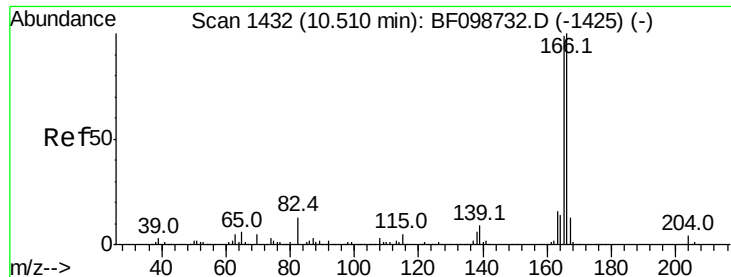
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#56
2,4-Dinitrotoluene
Concen: 31.753 ng
RT: 10.09 min Scan# 1361
Delta R.T. -0.00 min
Lab File: BF099212.D
Acq: 8 Oct 2017 1:02

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	125449		
63	42.1	36.4	54.6	
89	69.6	57.8	86.6	
182	2.3	1.6	2.4	





#57

Fluorene

Concen: 37.484 ng

RT: 10.45 min Scan# 1422

Delta R.T. -0.00 min

Lab File: BF099212.D

Acq: 8 Oct 2017 1:02

Instrument :

BNA_F

ClientSampleId :

PB103045BS

Tot Ion:166 Resp: 465035

Ion Ratio Lower Upper

166 100

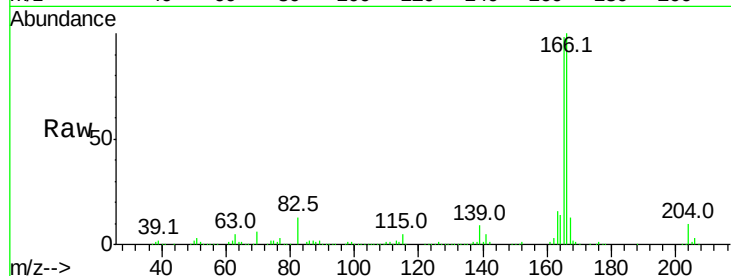
165 98.0 79.8 119.8

167 13.5 10.6 16.0

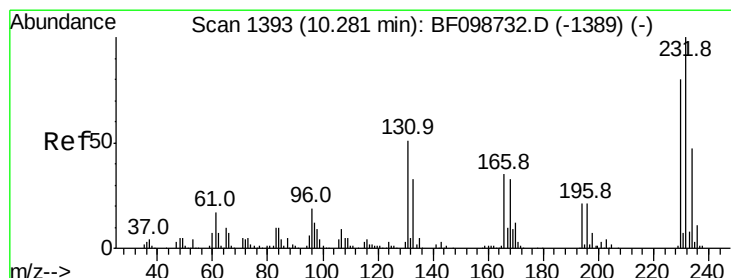
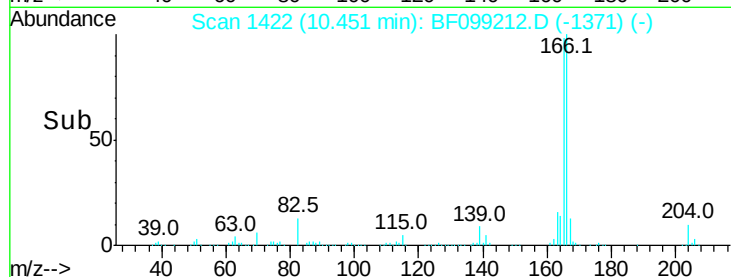
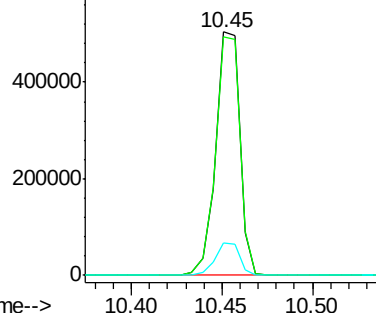
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Abundance Ion 166.00 (165.70 to 166.70): E
Ion 165.00 (164.70 to 165.70): E
Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 37.916 ng

RT: 10.23 min Scan# 1384

Delta R.T. -0.00 min

Lab File: BF099212.D

Acq: 8 Oct 2017 1:02

Tgt Ion:232 Resp: 102343

Ion Ratio Lower Upper

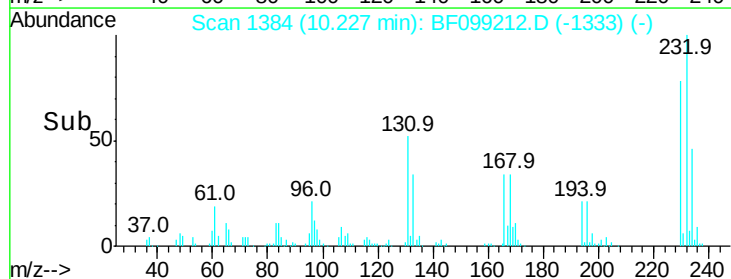
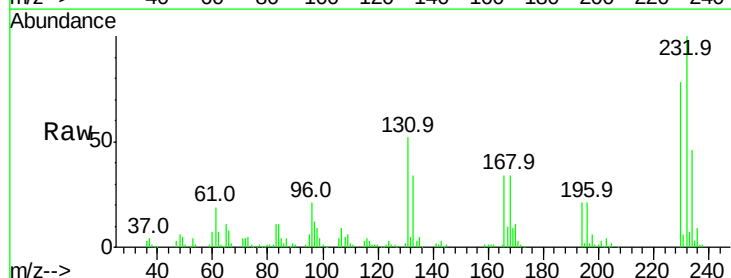
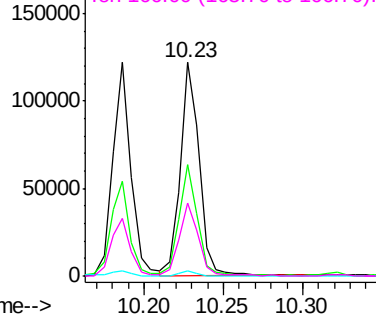
232 100

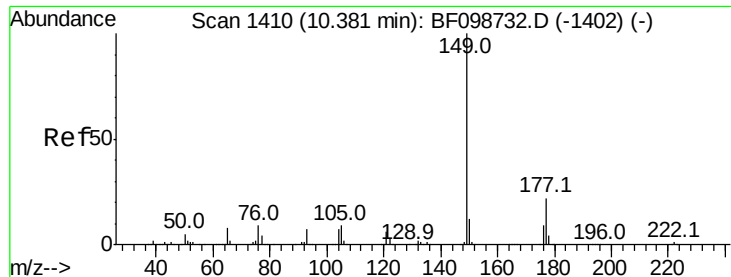
131 52.7 43.8 65.8

130 2.2 2.1 3.1

166 35.5 27.8 41.6

Abundance Ion 232.00 (231.70 to 232.70): E
Ion 131.00 (130.70 to 131.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 166.00 (165.70 to 166.70): E





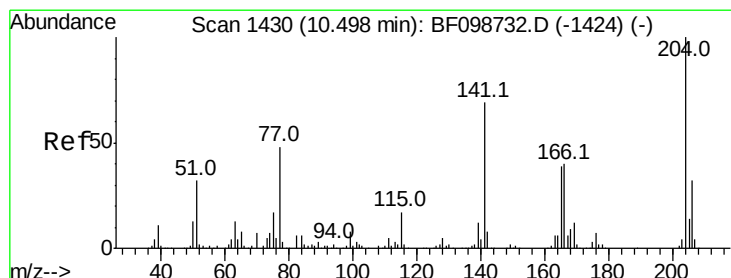
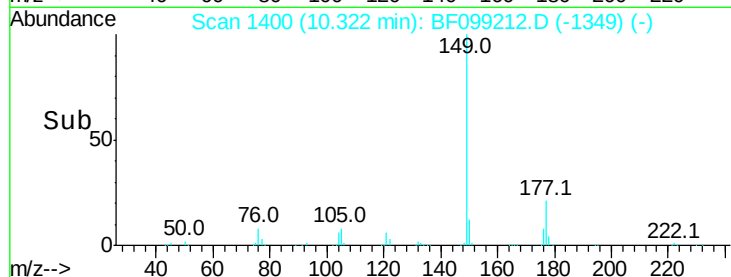
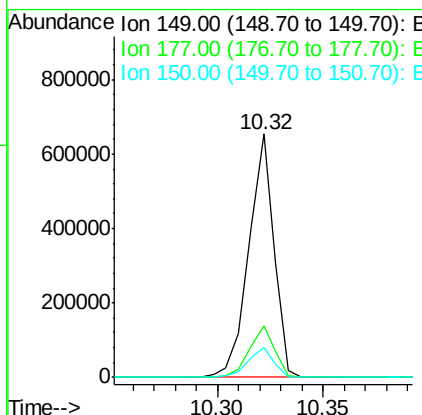
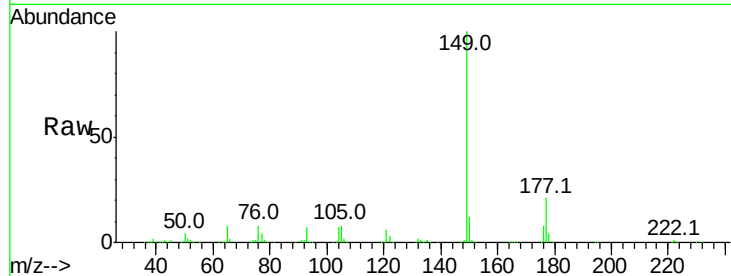
#59
Diethylphthalate
Concen: 39.795 ng
RT: 10.32 min Scan# 1400
Delta R.T. -0.00 min
Lab File: BF099212.D
Acq: 8 Oct 2017 1:02

Instrument :
BNA_F
ClientSampled :
PB103045BS

Tot Ion	Ratio	Resp	Lower	Upper
149	100	543738		
177	21.4		16.1	24.1
150	12.1		10.1	15.1

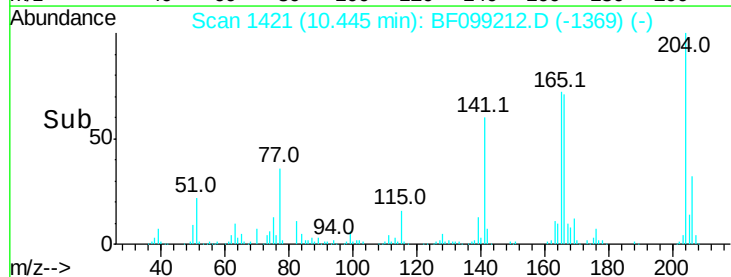
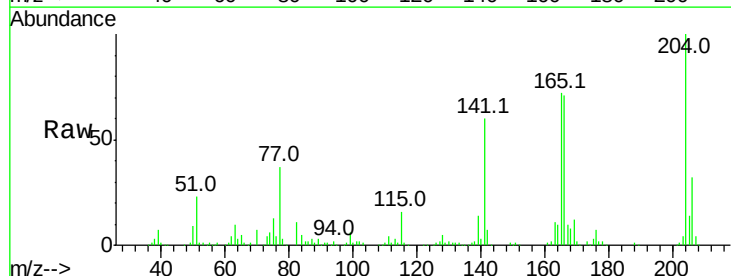
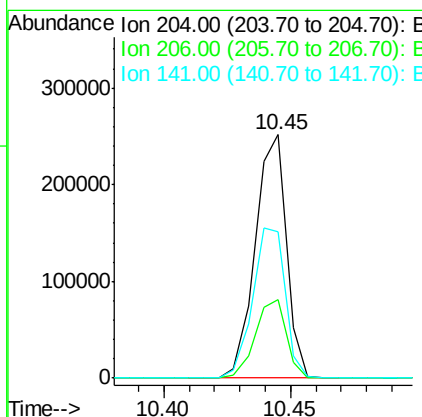
Manual Integrations
APPROVED

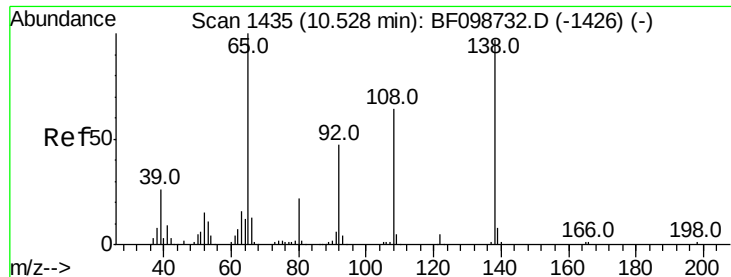
Sohil
10/9/2017 6:35:03 PM



#60
4-Chlorophenyl-phenylether
Concen: 38.990 ng
RT: 10.45 min Scan# 1421
Delta R.T. 0.01 min
Lab File: BF099212.D
Acq: 8 Oct 2017 1:02

Tgt Ion	Ratio	Resp	Lower	Upper
204	100	217289		
206	32.4		26.5	39.7
141	60.0		54.6	81.8





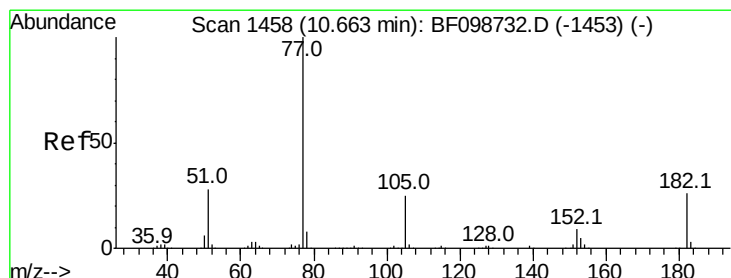
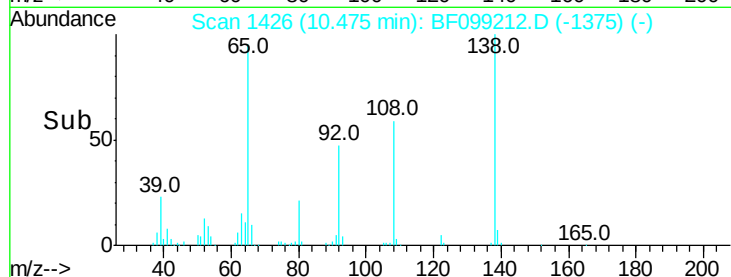
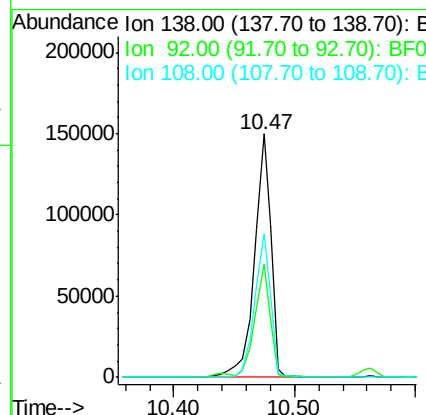
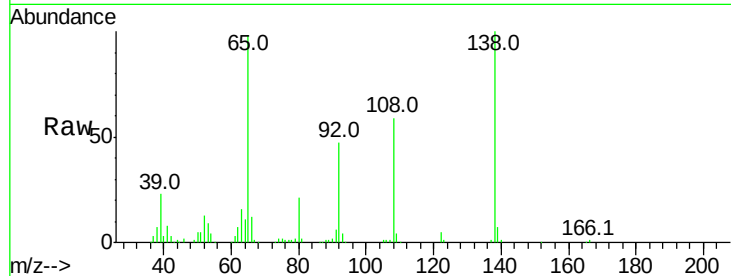
#61
4-Nitroaniline
Concen: 41.893 ng
RT: 10.47 min Scan# 1426
Delta R.T. -0.00 min
Lab File: BF099212.D
Acq: 8 Oct 2017 1:02

Instrument :
BNA_F
ClientSampleId :
PB103045BS

Tot Ion	Ratio	Resp	Lower	Upper
138	100	143461		
92	46.6	30.2	70.2	
108	59.3	52.5	92.5	

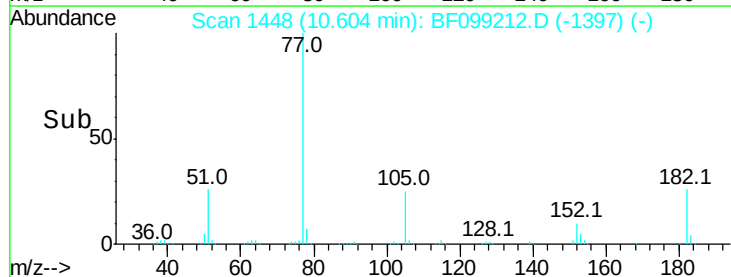
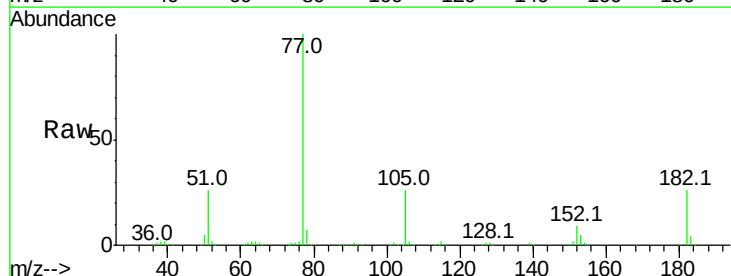
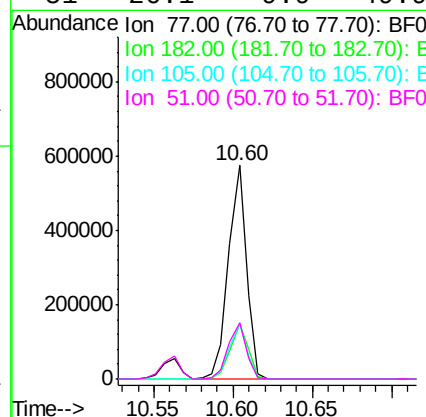
Manual Integrations
APPROVED

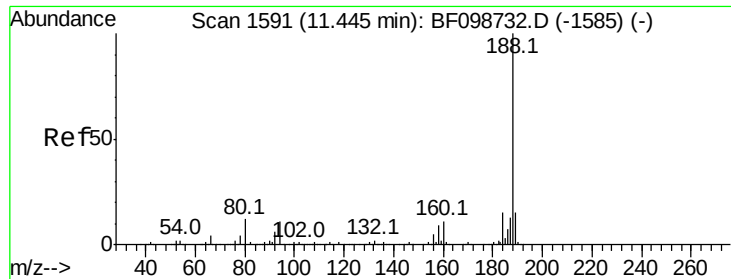
Sohil
10/9/2017 6:35:03 PM



#62
Azobenzene
Concen: 36.339 ng
RT: 10.60 min Scan# 1448
Delta R.T. -0.00 min
Lab File: BF099212.D
Acq: 8 Oct 2017 1:02

Tgt Ion	Ratio	Resp	Lower	Upper
77	100	456525		
182	25.8	1.7	41.7	
105	25.8	3.0	43.0	
51	26.1	9.9	49.9	





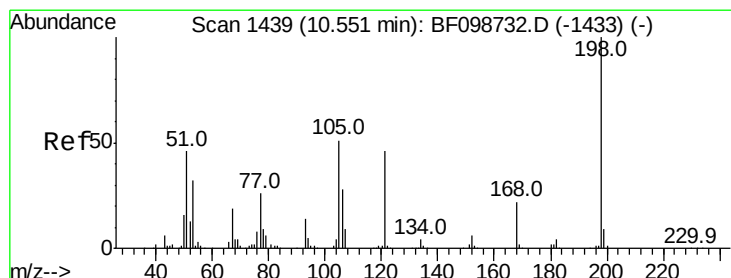
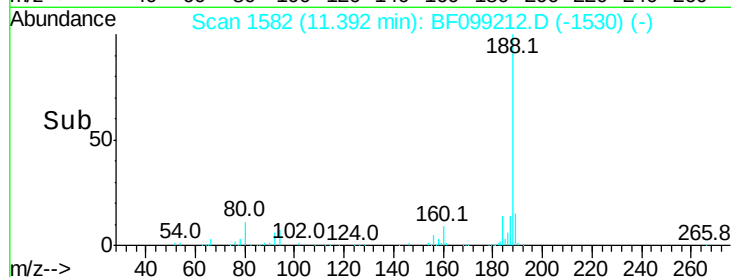
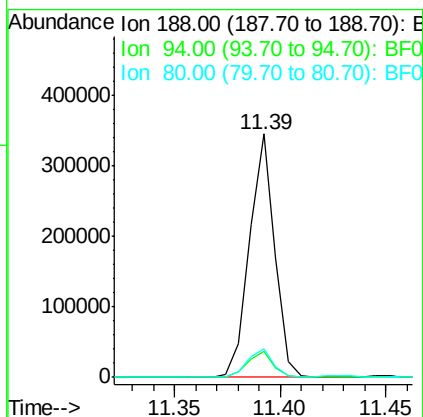
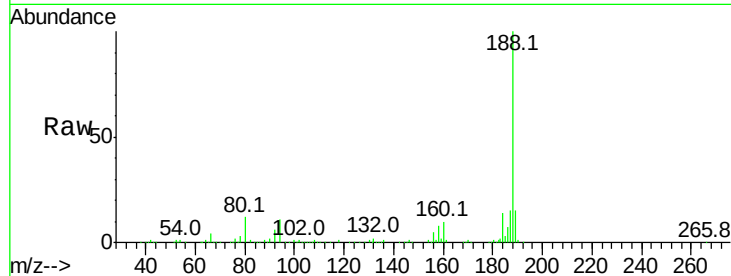
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.39 min Scan# 1582
Delta R.T. 0.01 min
Lab File: BF099212.D
Acq: 8 Oct 2017 1:02

Instrument :
BNA_F
ClientSampleId :
PB103045BS

Tot Ion	Ratio	Resp	Lower	Upper
188	100	285812		
94	10.7		8.5	12.7
80	11.6		9.2	13.8

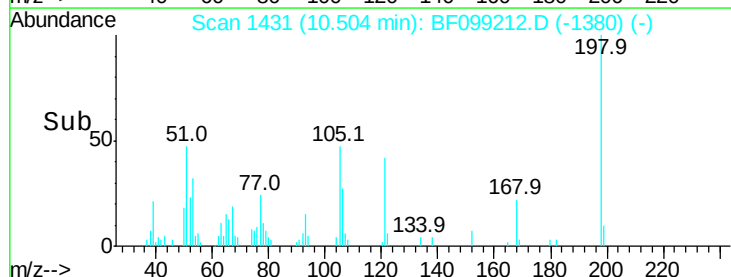
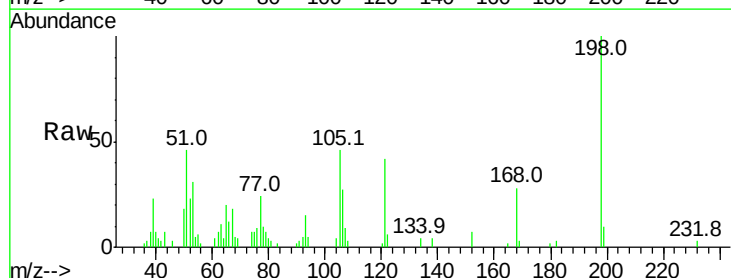
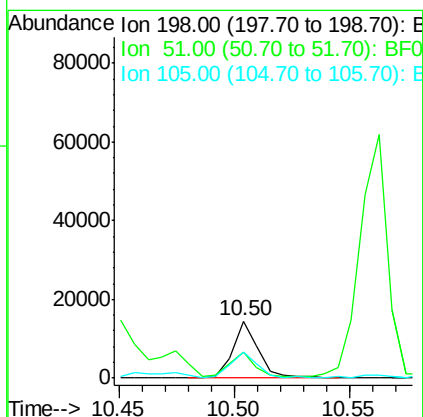
Manual Integrations
APPROVED

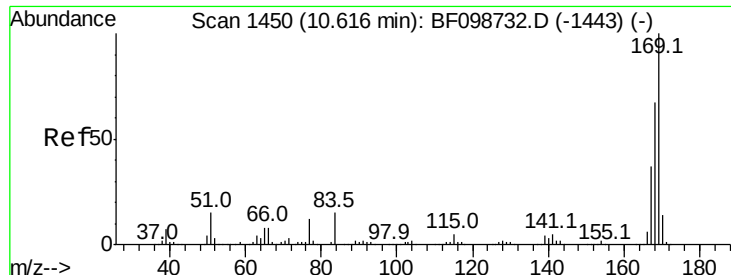
Sohil
10/9/2017 6:35:03 PM



#64
4,6-Dinitro-2-methylphenol
Concen: 6.412 ng
RT: 10.50 min Scan# 1431
Delta R.T. -0.00 min
Lab File: BF099212.D
Acq: 8 Oct 2017 1:02

Tgt Ion	Ratio	Resp	Lower	Upper
198	100	11151		
51	45.9		37.7	77.7
105	46.2		36.3	76.3





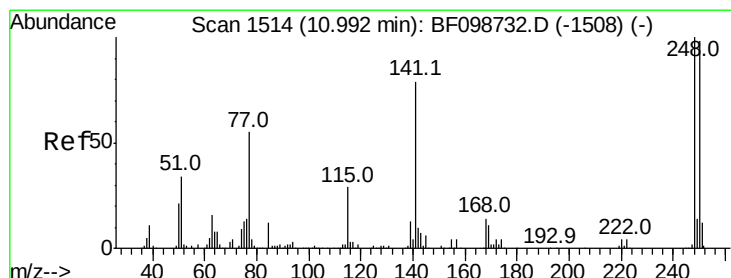
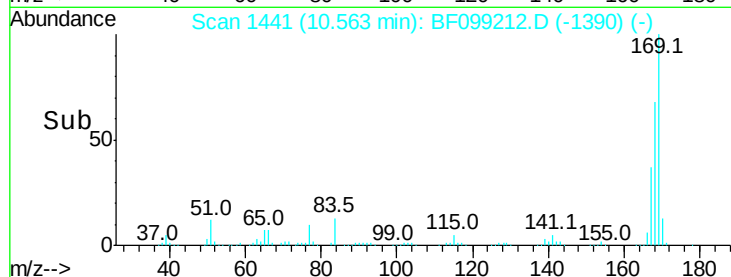
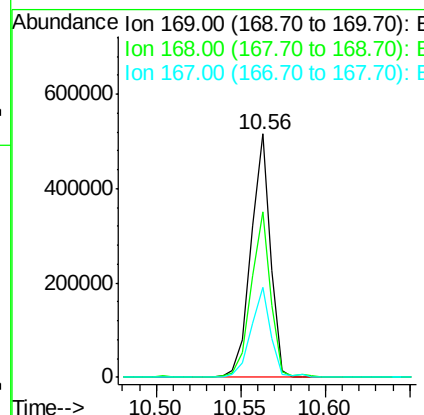
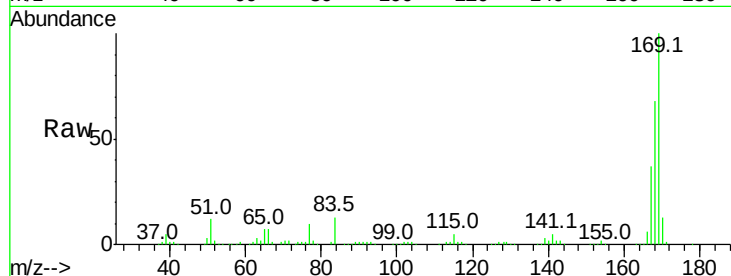
#65
n-Nitrosodiphenylamine
Concen: 42.048 ng
RT: 10.56 min Scan# 1441
Delta R.T. -0.00 min
Lab File: BF099212.D
Acq: 8 Oct 2017 1:02

Instrument :
BNA_F
ClientSampleId :
PB103045BS

Tot Ion	Ratio	Lower	Upper
169	100		
168	68.0	54.4	81.6
167	36.8	29.8	44.6

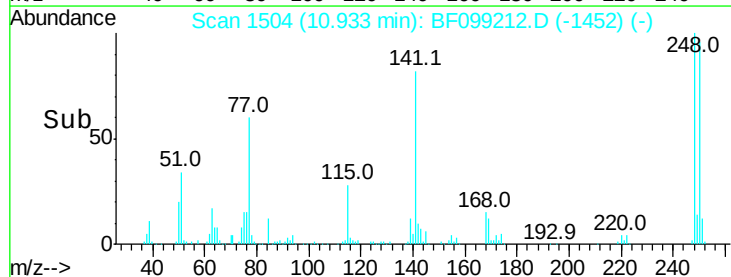
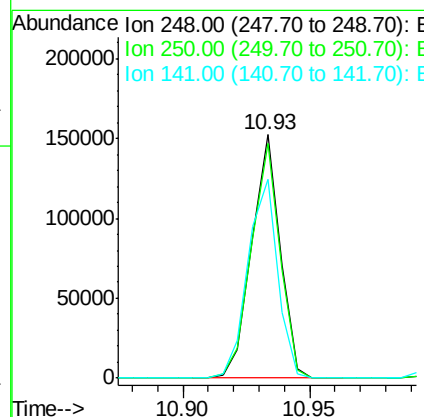
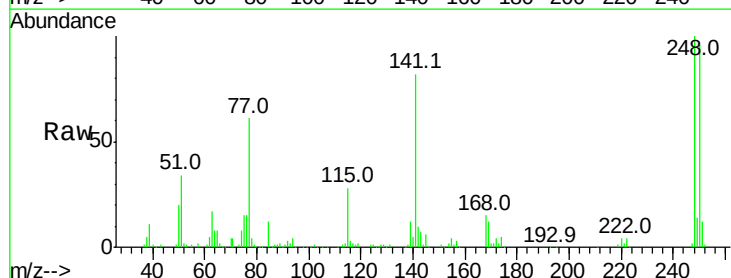
Manual Integrations
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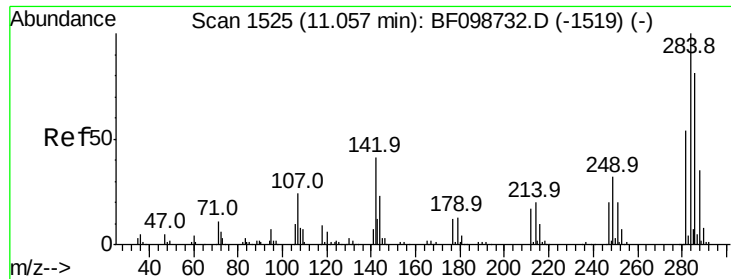
Sohil
10/9/2017 6:35:03 PM



#66
4-Bromophenyl-phenylether
Concen: 42.529 ng
RT: 10.93 min Scan# 1504
Delta R.T. 0.01 min
Lab File: BF099212.D
Acq: 8 Oct 2017 1:02

Tgt Ion	Ratio	Lower	Upper
248	100		
250	96.3	76.9	115.3
141	81.9	74.4	111.6





#67

Hexachlorobenzene

Concen: 38.630 ng

RT: 11.00 min Scan# 1516

Delta R.T. 0.01 min

Lab File: BF099212.D

Acq: 8 Oct 2017 1:02

Instrument :

BNA_F

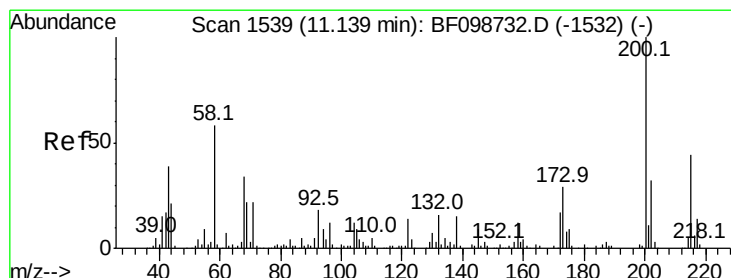
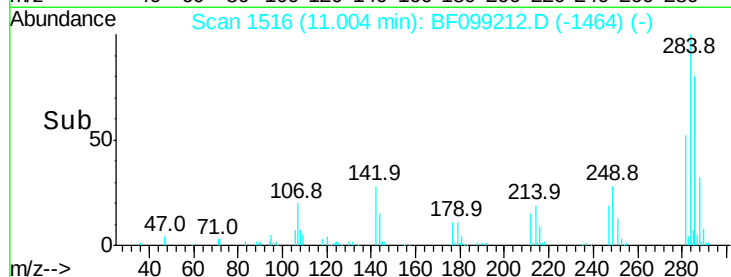
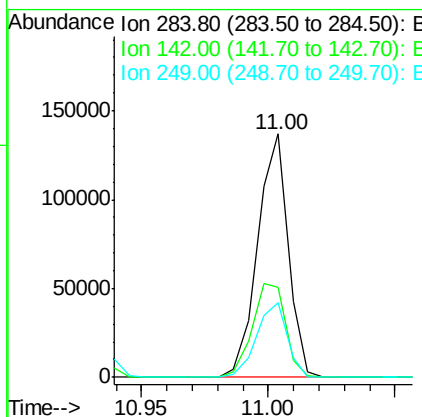
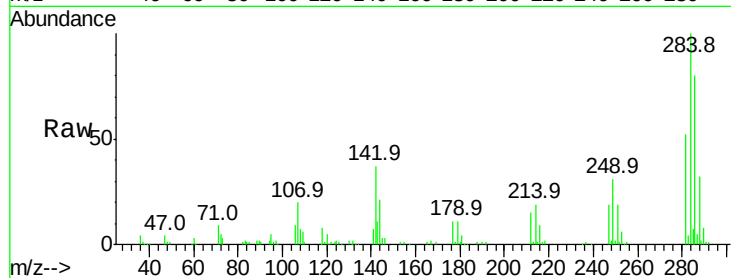
ClientSampleId :

PB103045BS

Tot Ion:	284	Resp:	115427
Ion Ratio	Lower	Upper	
284	100		
142	37.1	34.6	52.0
249	30.6	24.8	37.2

Manual Integrations
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#68

Atrazine

Concen: 41.362 ng

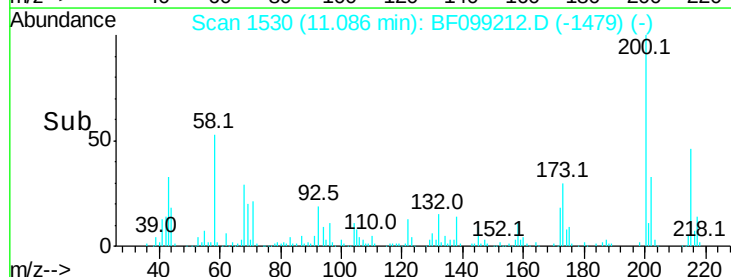
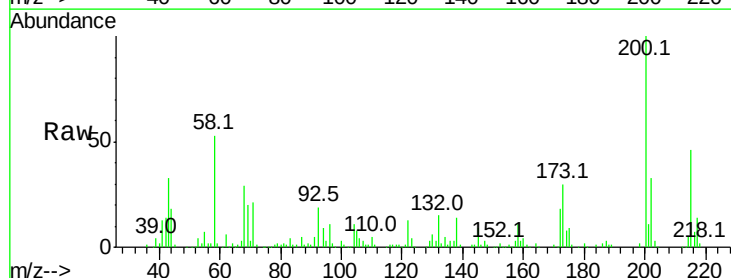
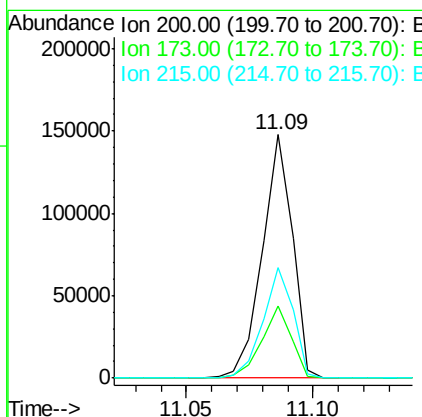
RT: 11.09 min Scan# 1530

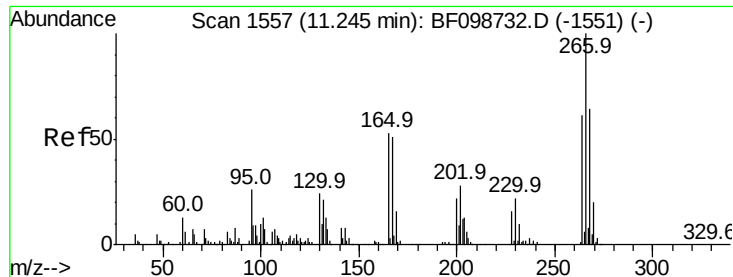
Delta R.T. -0.00 min

Lab File: BF099212.D

Acq: 8 Oct 2017 1:02

Tgt Ion:	200	Resp:	123218
Ion Ratio	Lower	Upper	
200	100		
173	29.8	8.6	48.6
215	45.6	25.1	65.1





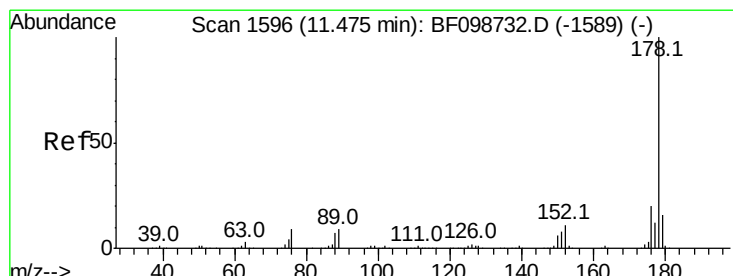
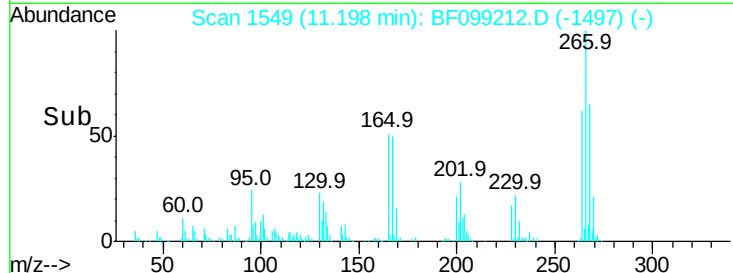
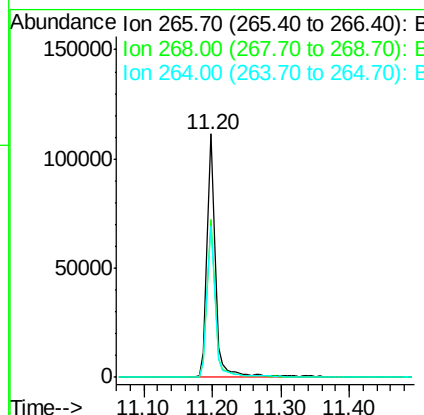
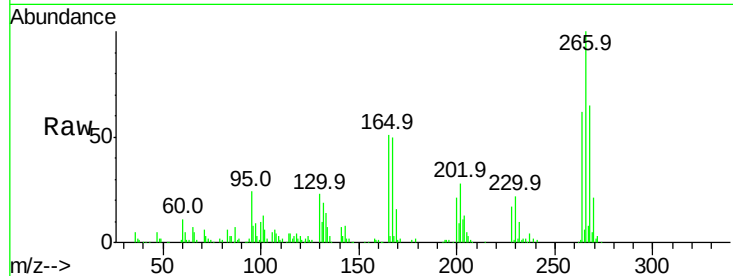
#69
 Pentachlorophenol
 Concen: 55.863 ng
 RT: 11.20 min Scan# 1549
 Delta R.T. 0.01 min
 Lab File: BF099212.D
 Acq: 8 Oct 2017 1:02

Instrument :
 BNA_F
 ClientSampleId :
 PB103045BS

Tot Ion:	266	Resp:	103883
Ion Ratio		Lower	Upper
266	100		
268	64.8	51.1	76.7
264	62.0	49.5	74.3

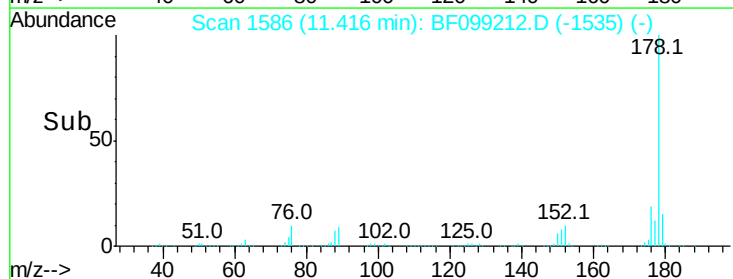
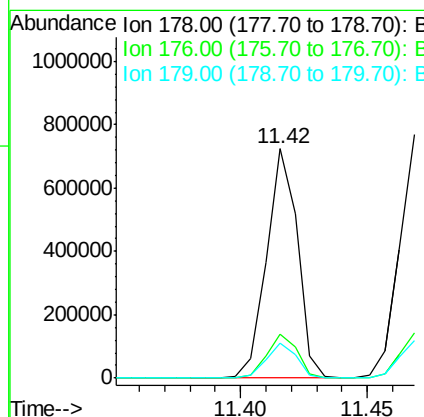
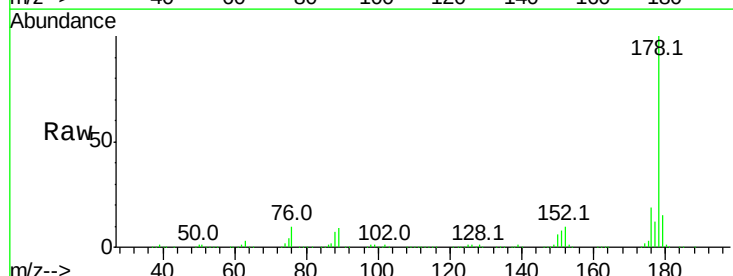
Manual Integrations
 APPROVED

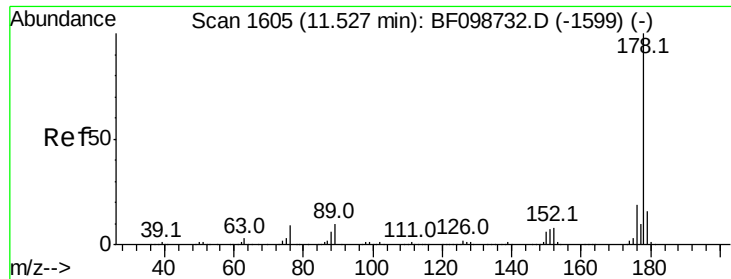
Sohil
 10/9/2017 6:35:03 PM



#70
 Phenanthrene
 Concen: 40.375 ng
 RT: 11.42 min Scan# 1586
 Delta R.T. -0.00 min
 Lab File: BF099212.D
 Acq: 8 Oct 2017 1:02

Tgt Ion:	178	Resp:	617691
Ion Ratio		Lower	Upper
178	100		
176	19.2	15.8	23.8
179	15.3	13.0	19.6





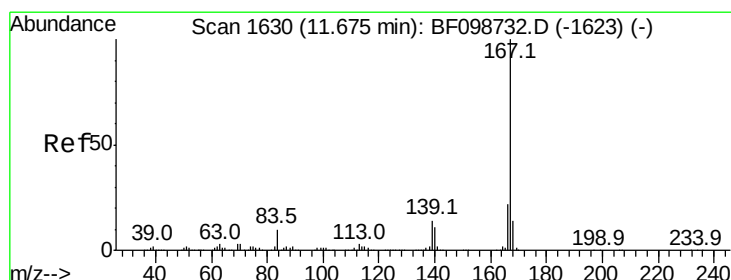
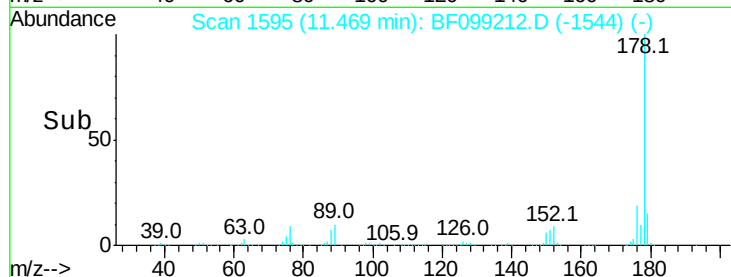
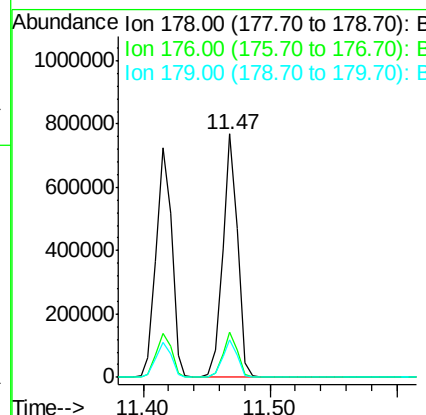
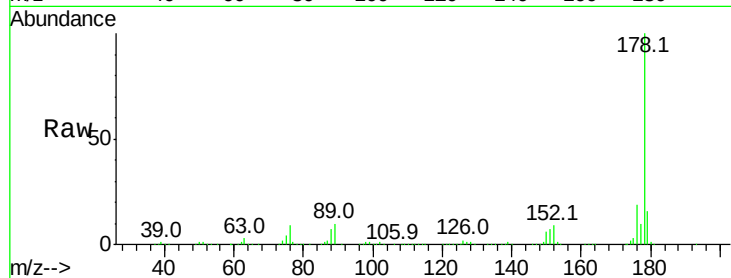
#71
 Anthracene
 Concen: 40.728 ng
 RT: 11.47 min Scan# 1595
 Delta R.T. -0.00 min
 Lab File: BF099212.D
 Acq: 8 Oct 2017 1:02

Instrument :
 BNA_F
 ClientSampled :
 PB103045BS

Tot Ion	Ratio	Lower	Upper
178	100		
176	18.8	15.4	23.2
179	15.6	12.6	19.0

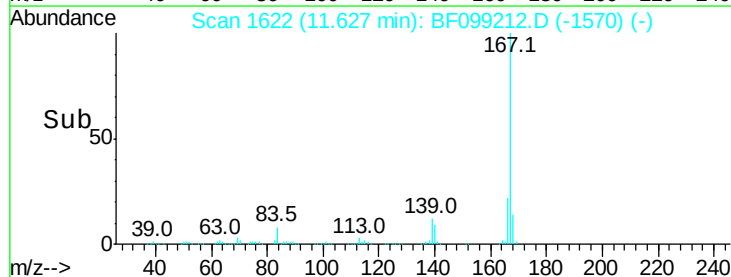
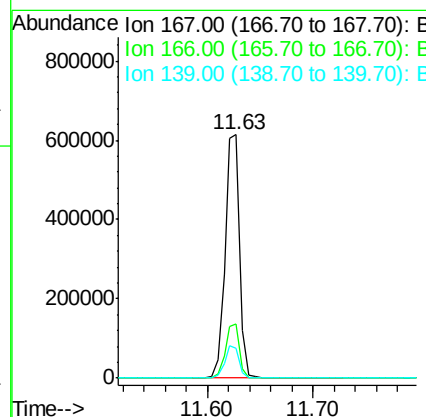
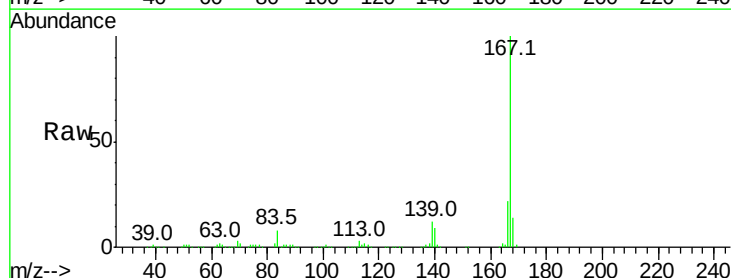
Manual Integrations
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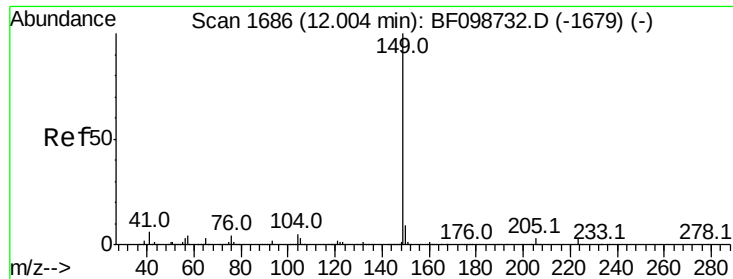
Sohil
 10/9/2017 6:35:03 PM



#72
 Carbazole
 Concen: 38.557 ng
 RT: 11.63 min Scan# 1622
 Delta R.T. 0.01 min
 Lab File: BF099212.D
 Acq: 8 Oct 2017 1:02

Tgt Ion	Ratio	Lower	Upper
167	100		
166	22.2	17.6	26.4
139	12.2	10.9	16.3





#73

Di-n-butylphthalate

Concen: 40.971 ng

RT: 11.95 min Scan# 1676

Delta R.T. -0.00 min

Lab File: BF099212.D

Acq: 8 Oct 2017 1:02

Instrument :

BNA_F

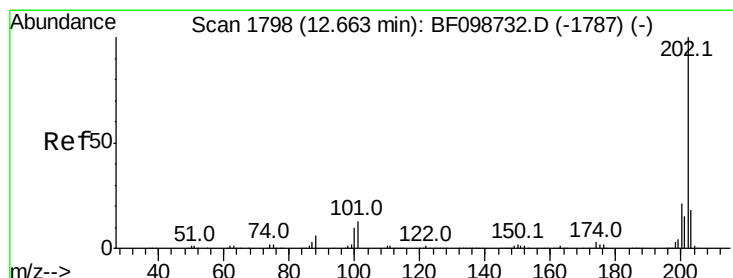
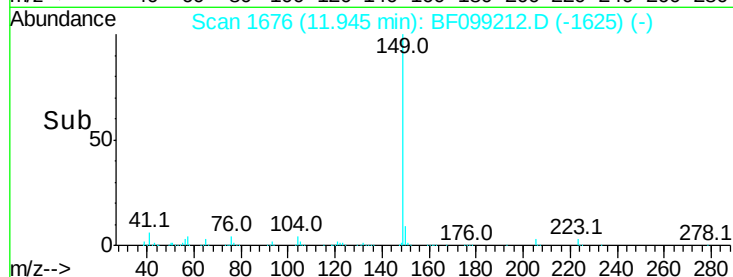
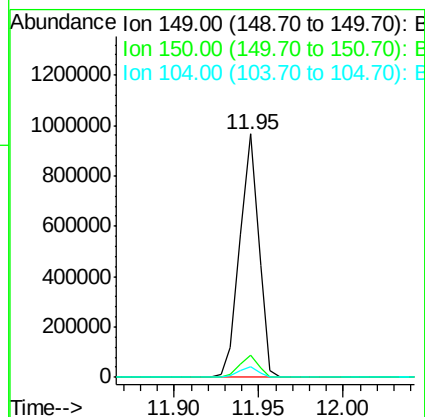
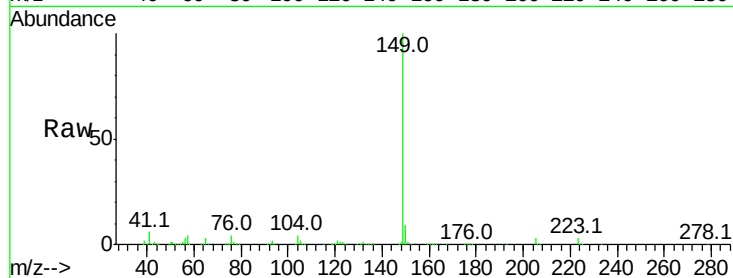
ClientSampleId :

PB103045BS

Tot Ion:	149	Resp:	755951
Ion Ratio	Lower	Upper	
149	100		
150	9.2	7.8	11.6
104	4.3	3.8	5.8

Manual Integrations
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10/9/2017 6:35:03 PM



#74

Fluoranthene

Concen: 39.711 ng

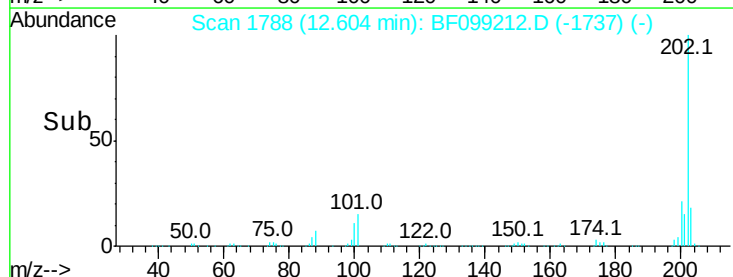
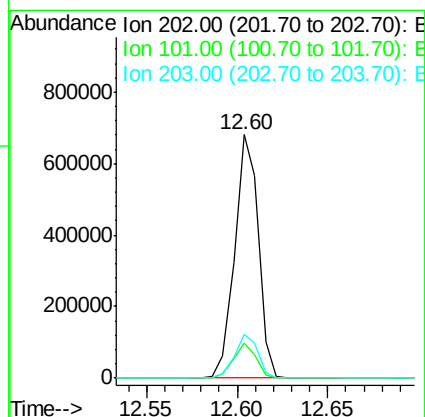
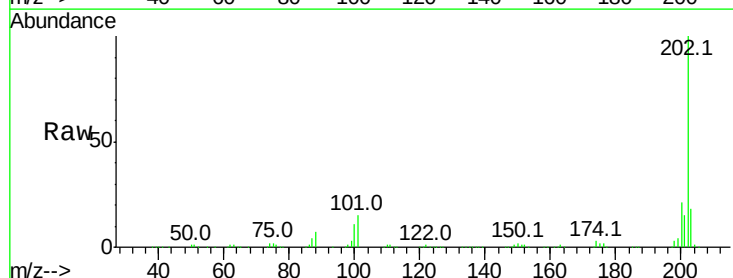
RT: 12.60 min Scan# 1788

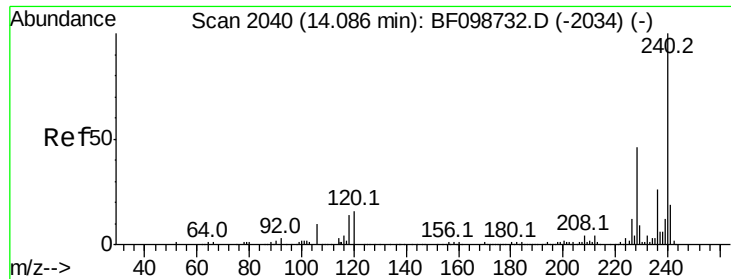
Delta R.T. -0.00 min

Lab File: BF099212.D

Acq: 8 Oct 2017 1:02

Tgt Ion:	202	Resp:	615191
Ion Ratio	Lower	Upper	
202	100		
101	14.5	0.0	34.1
203	17.9	0.0	38.1





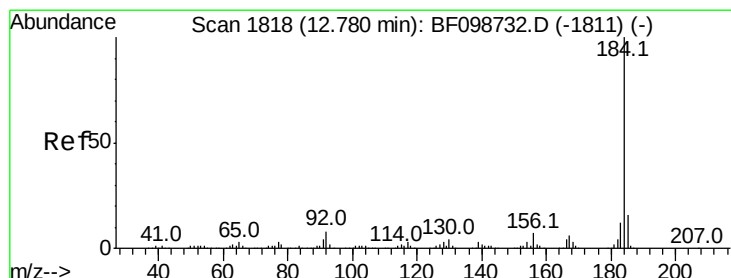
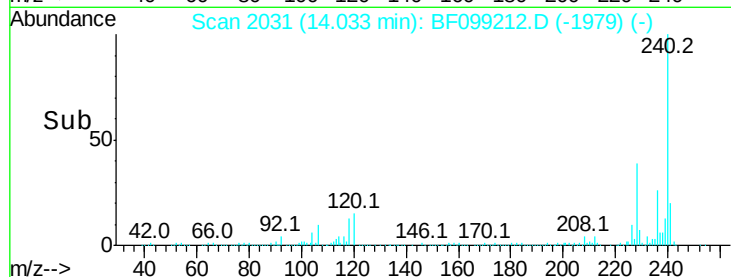
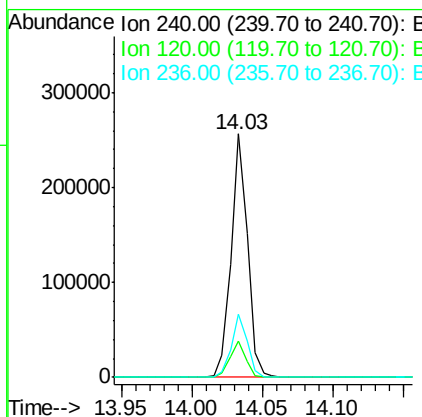
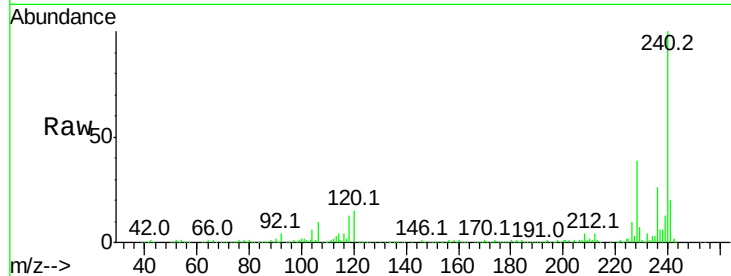
#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.03 min Scan# 2031
Delta R.T. 0.01 min
Lab File: BF099212.D
Acq: 8 Oct 2017 1:02

Instrument :
BNA_F
ClientSampleId :
PB103045BS

Tot Ion	Ratio	Lower	Upper
240	100		
120	14.7	9.5	14.3#
236	25.8	20.7	31.1

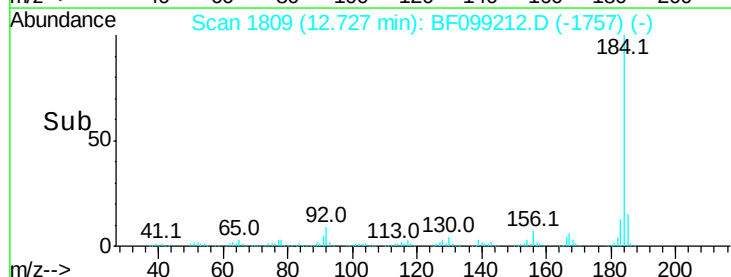
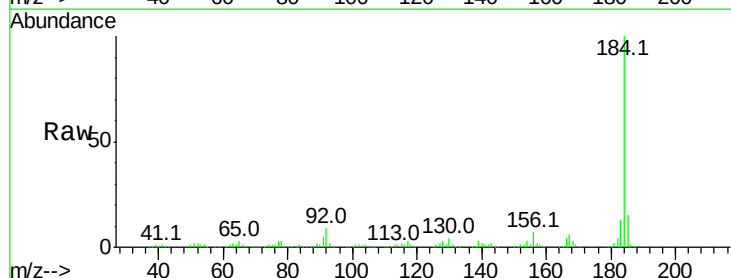
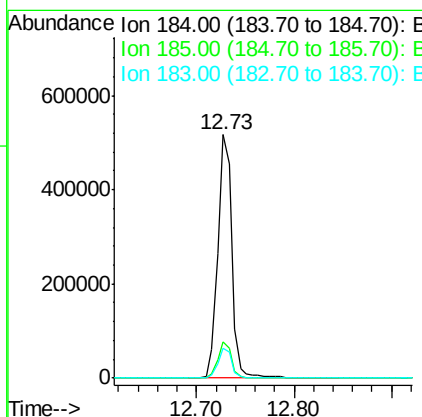
Manual Integrations
APPROVED

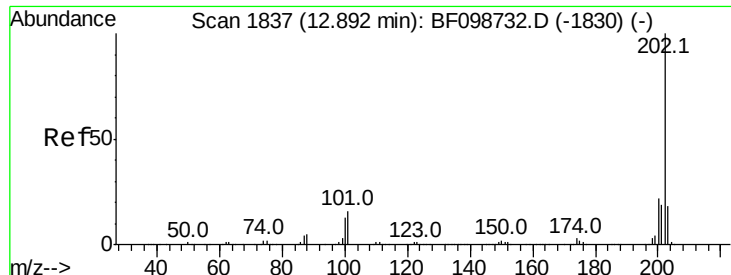
Sohil
10/9/2017 6:35:03 PM



#76
Benzidine
Concen: 67.479 ng
RT: 12.73 min Scan# 1809
Delta R.T. 0.01 min
Lab File: BF099212.D
Acq: 8 Oct 2017 1:02

Tgt Ion	Ratio	Lower	Upper
184	100		
185	14.7	12.6	18.8
183	12.5	9.3	13.9





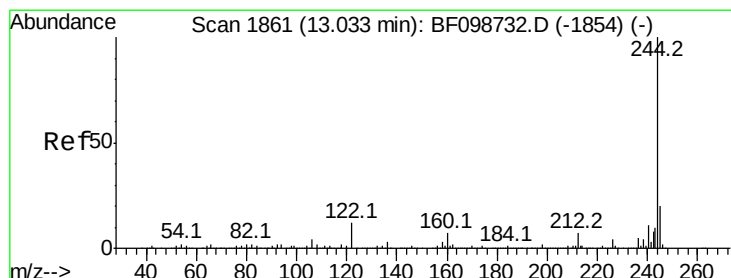
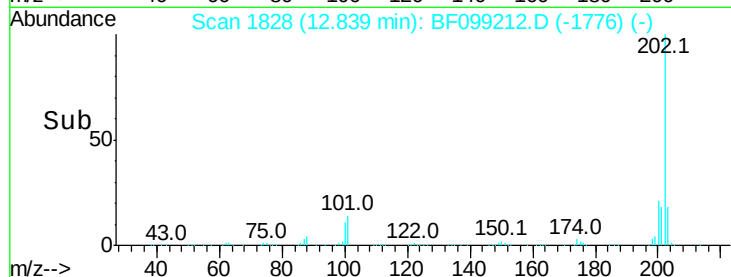
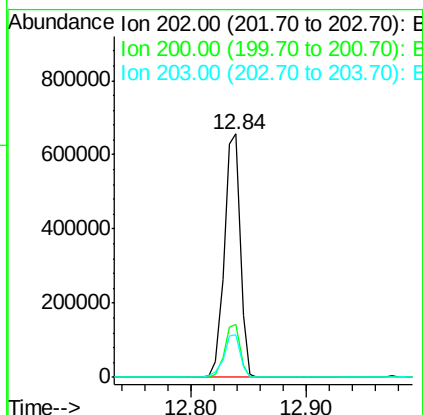
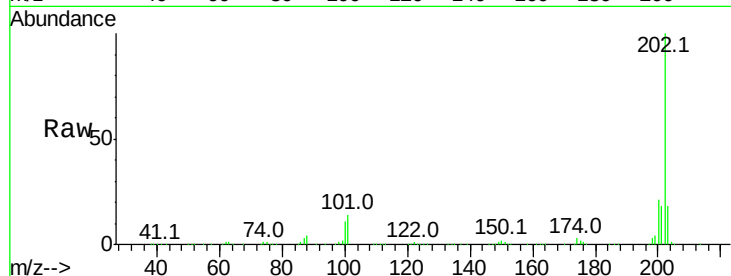
#77
Pvrene
Concen: 39.632 ng
RT: 12.84 min Scan# 1828
Delta R.T. 0.01 min
Lab File: BF099212.D
Acq: 8 Oct 2017 1:02

Instrument :
BNA_F
ClientSampleId :
PB103045BS

Tot Ion	Ratio	Lower	Upper
202	100		
200	21.5	17.4	26.2
203	17.5	14.3	21.5

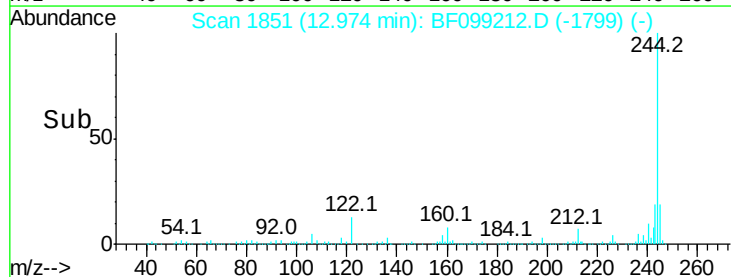
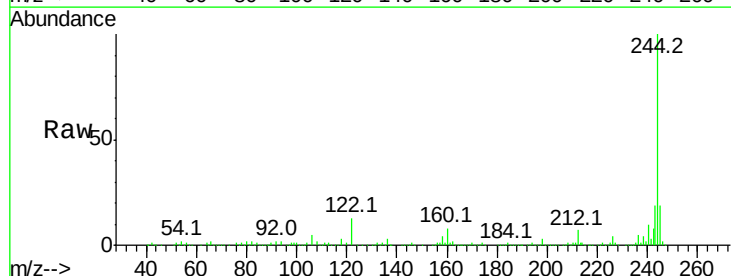
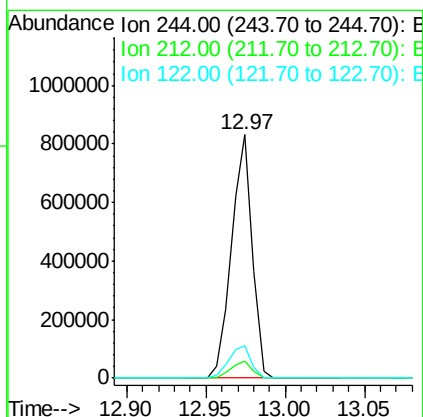
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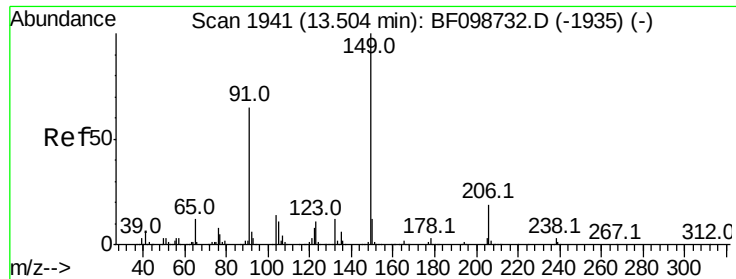
Sohil
10/9/2017 6:35:03 PM



#78
Terphenyl-d14
Concen: 82.105 ng
RT: 12.97 min Scan# 1851
Delta R.T. 0.01 min
Lab File: BF099212.D
Acq: 8 Oct 2017 1:02

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.0	5.4	8.0
122	13.2	11.0	16.4





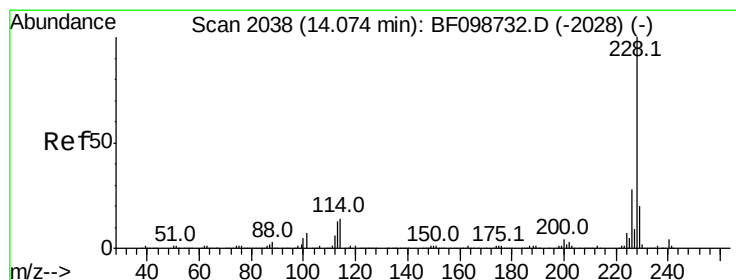
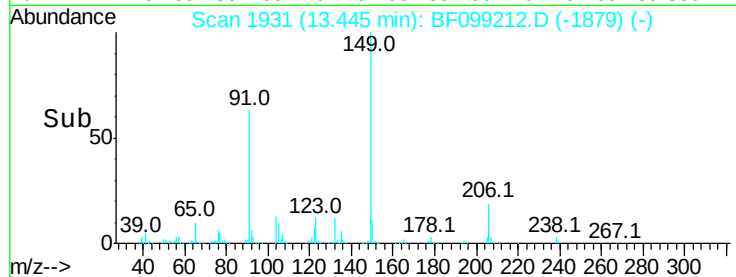
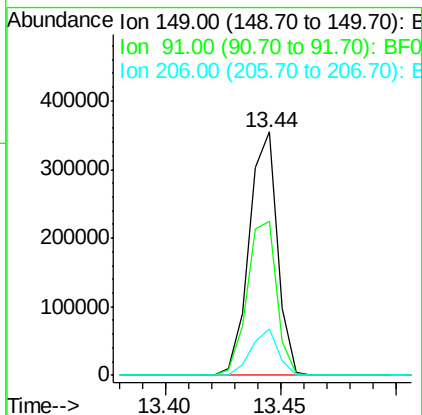
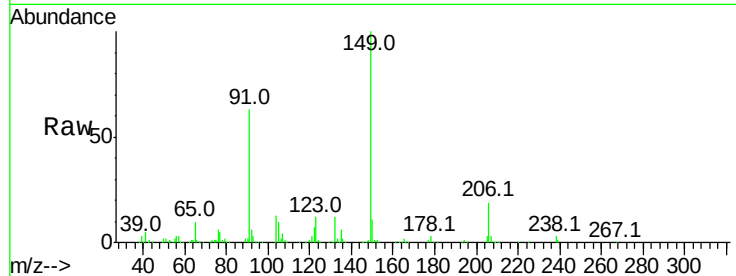
#79
Butylbenzylphthalate
Concen: 40.843 ng
RT: 13.44 min Scan# 1931
Delta R.T. 0.01 min
Lab File: BF099212.D
Acq: 8 Oct 2017 1:02

Instrument :
BNA_F
ClientSampleId :
PB103045BS

Tot Ion:	149	Resp:	304530
Ion Ratio	Lower	Upper	
149	100		
91	63.3	56.8	85.2
206	19.3	14.1	21.1

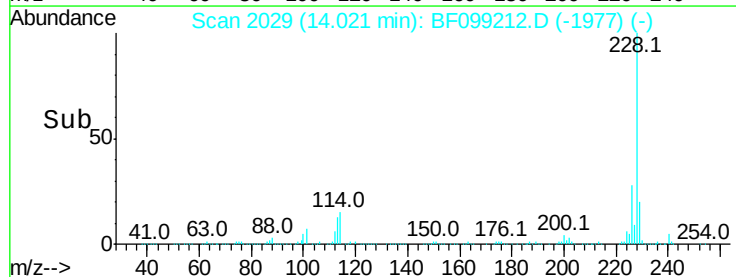
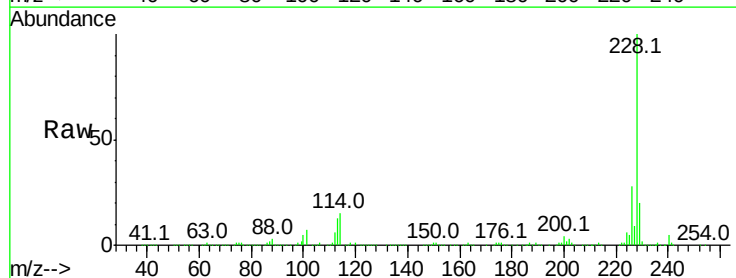
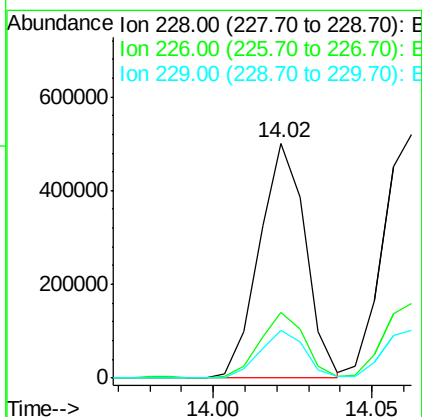
Manual Integrations
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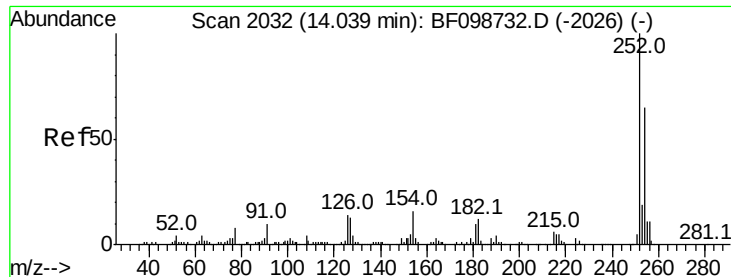
Sohil
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#80
Benzo(a)anthracene
Concen: 40.223 ng
RT: 14.02 min Scan# 2029
Delta R.T. 0.01 min
Lab File: BF099212.D
Acq: 8 Oct 2017 1:02

Tgt Ion:	228	Resp:	506741
Ion Ratio	Lower	Upper	
228	100		
226	27.8	22.6	33.8
229	20.4	15.8	23.6





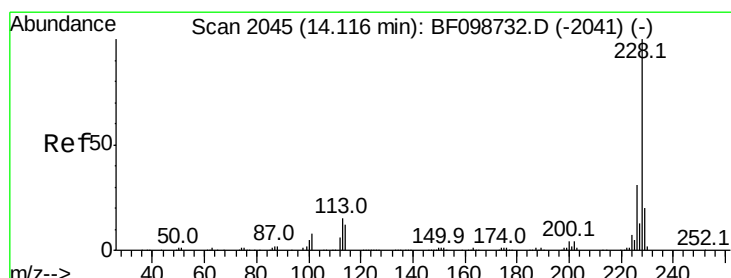
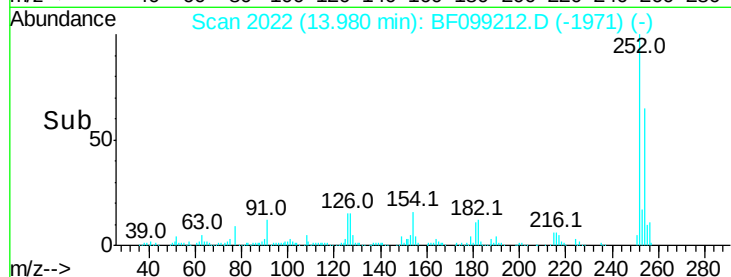
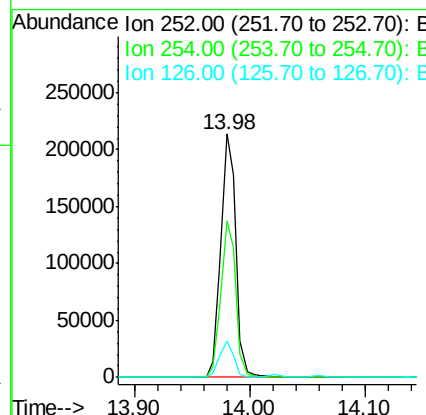
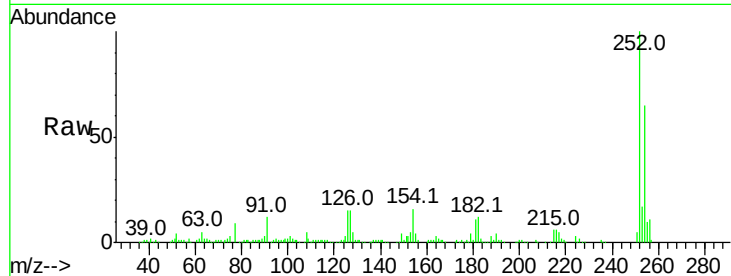
#81
 3,3'-Dichlorobenzidine
 Concen: 41.815 ng
 RT: 13.98 min Scan# 2022
 Delta R.T. -0.00 min
 Lab File: BF099212.D
 Acq: 8 Oct 2017 1:02

Instrument :
 BNA_F
 ClientSampled :
 PB103045BS

Tot Ion	Ratio	Resp Lower	Resp Upper
252	100		
254	64.6	50.4	75.6
126	14.9	11.3	16.9

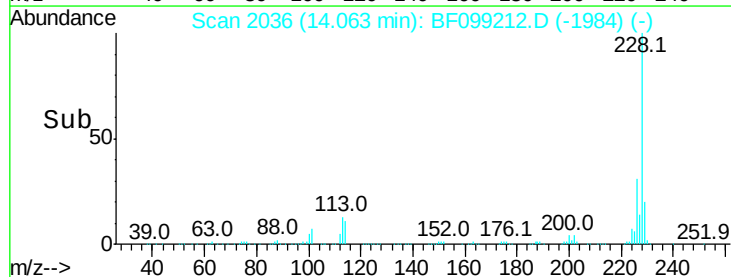
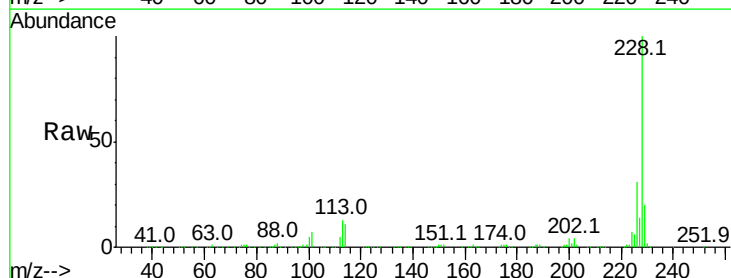
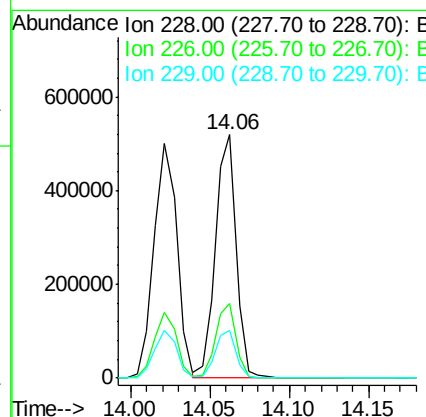
Manual Integrations
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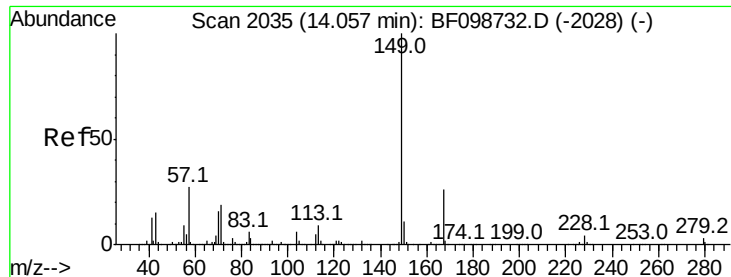
Sohil
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#82
 Chrysene
 Concen: 39.401 ng
 RT: 14.06 min Scan# 2036
 Delta R.T. 0.01 min
 Lab File: BF099212.D
 Acq: 8 Oct 2017 1:02

Tgt Ion	Ratio	Resp Lower	Resp Upper
228	100		
226	30.6	25.0	37.6
229	19.6	16.2	24.4





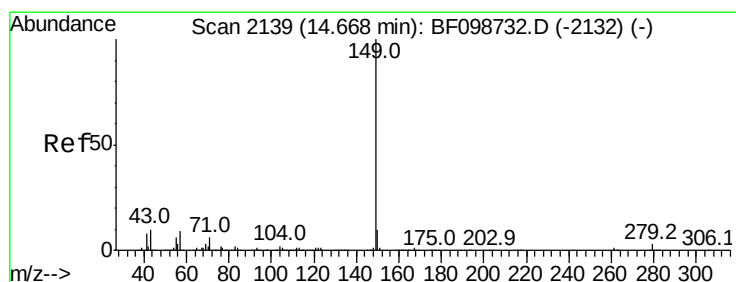
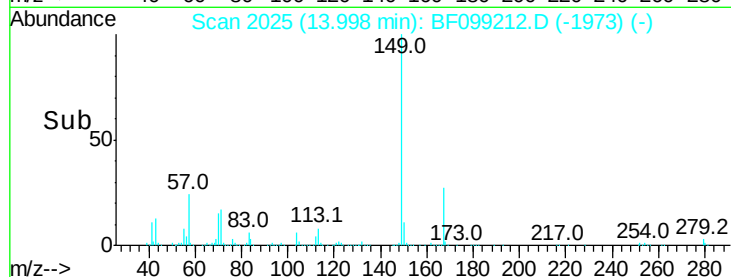
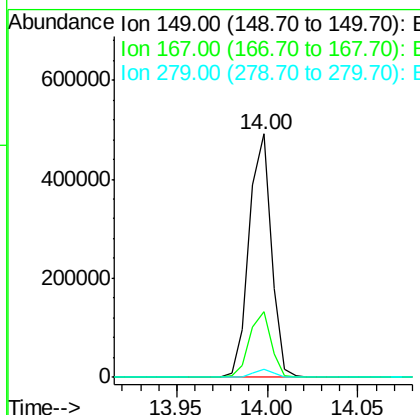
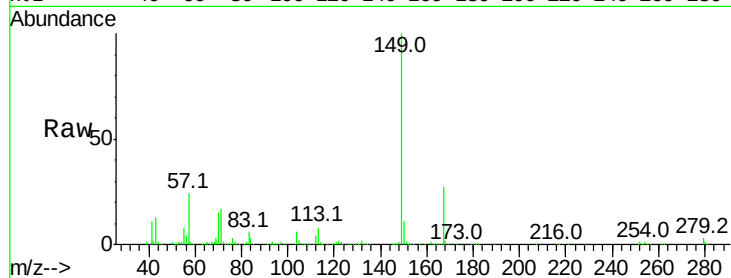
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 40.864 ng
 RT: 14.00 min Scan# 2025
 Delta R.T. 0.01 min
 Lab File: BF099212.D
 Acq: 8 Oct 2017 1:02

Instrument :
 BNA_F
 ClientSampleId :
 PB103045BS

Tot Ion	Ratio	Resp	Lower	Upper
149	100	419542		
167	27.1	21.3	31.9	
279	3.2	3.0	4.4	

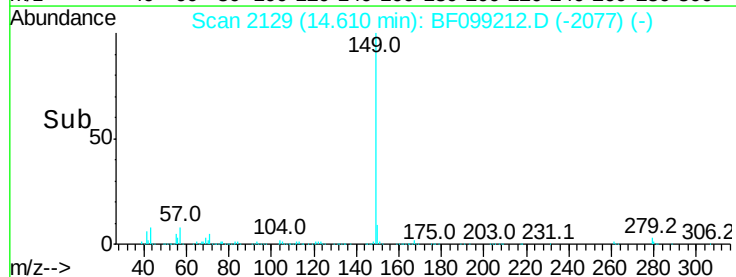
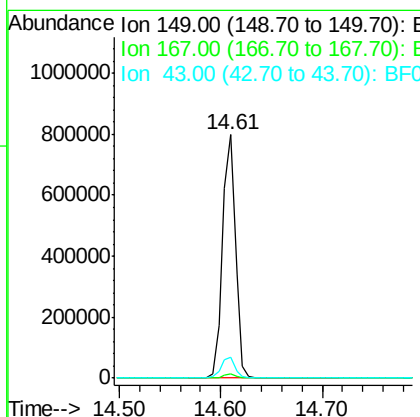
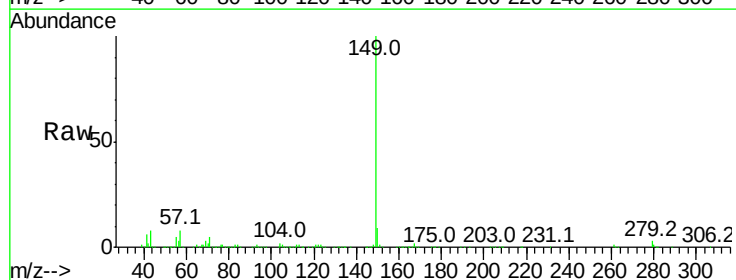
Manual Integrations
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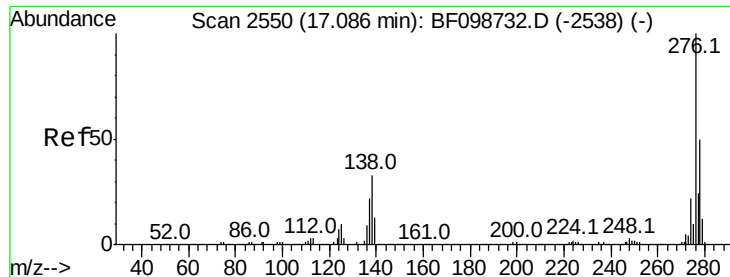
Sohil
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#84
 Di-n-octyl phthalate
 Concen: 42.744 ng
 RT: 14.61 min Scan# 2129
 Delta R.T. 0.01 min
 Lab File: BF099212.D
 Acq: 8 Oct 2017 1:02

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	706634		
167	1.6	1.2	1.8	
43	8.5	8.4	12.6	





#85

Indeno(1,2,3-cd)pyrene

Concen: 36.982 ng

RT: 17.00 min Scan# 2535

Delta R.T. 0.01 min

Lab File: BF099212.D

Acq: 8 Oct 2017 1:02

Instrument :

BNA_F

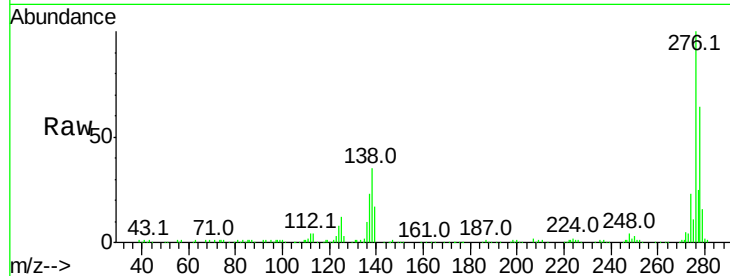
ClientSampleId :

PB103045BS

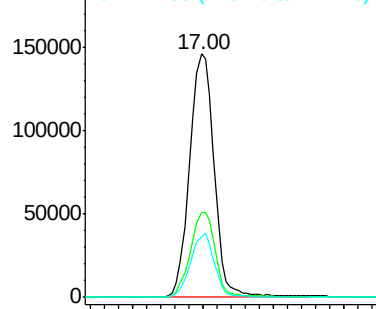
Tot Ion:	276	Resp:	354829
Ion Ratio	Lower	Upper	
276	100		
138	35.7	25.0	37.6
277	25.3	20.1	30.1

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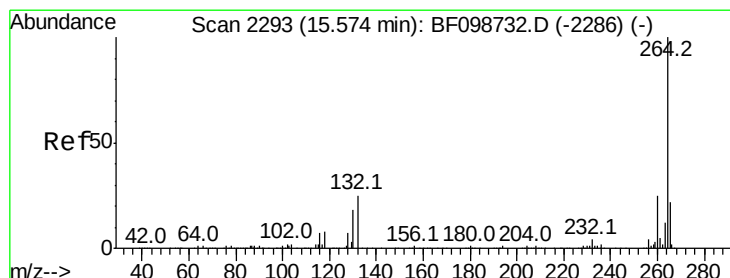
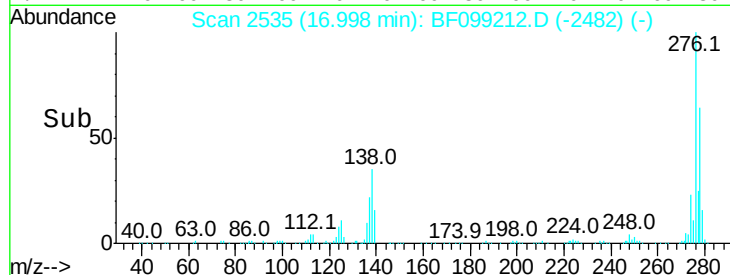
Sohil
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Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E



Time-->



#86

Perylene-d12

Concen: 20.000 ng

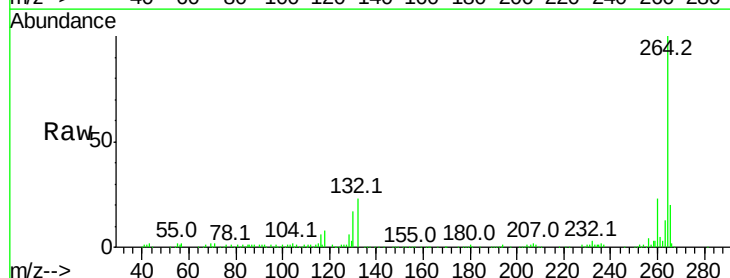
RT: 15.51 min Scan# 2282

Delta R.T. 0.01 min

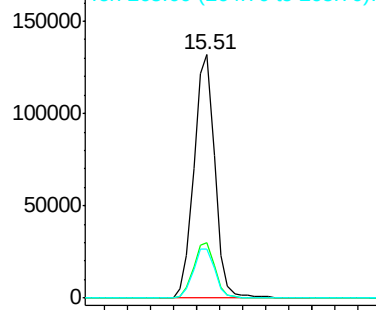
Lab File: BF099212.D

Acq: 8 Oct 2017 1:02

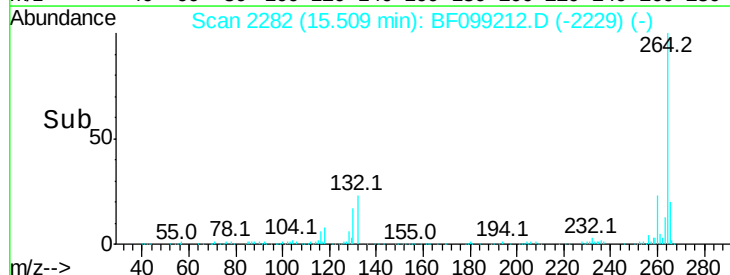
Tgt Ion:	264	Resp:	165705
Ion Ratio	Lower	Upper	
264	100		
260	23.0	19.2	28.8
265	20.2	17.5	26.3

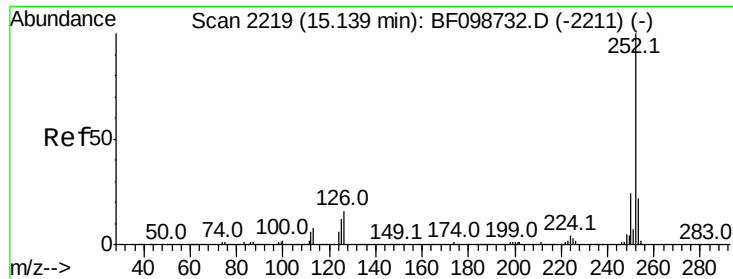


Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E



Time-->





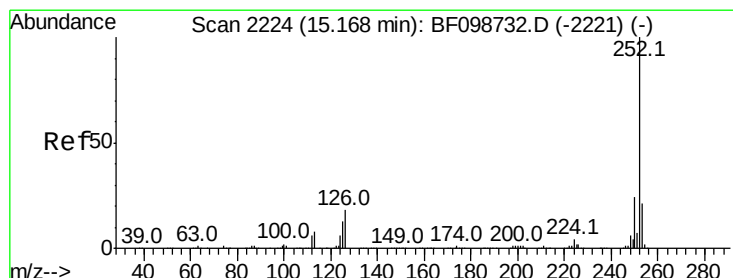
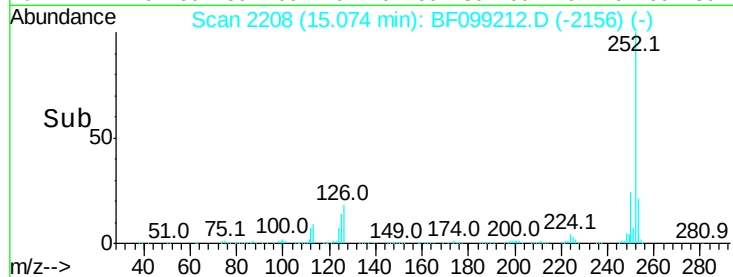
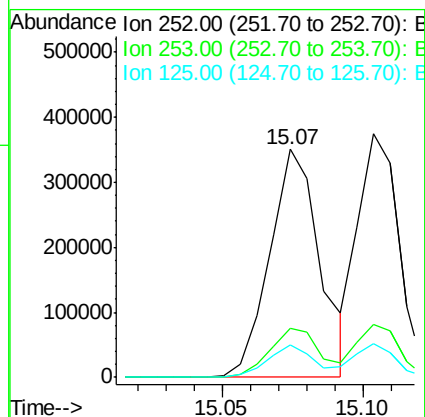
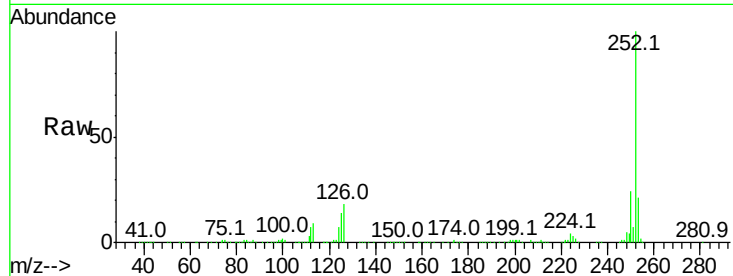
#87
Benzo(b)fluoranthene
Concen: 42.484 ng
RT: 15.07 min Scan# 2208
Delta R.T. 0.01 min
Lab File: BF099212.D
Acq: 8 Oct 2017 1:02

Instrument :
BNA_F
ClientSampleId :
PB103045BS

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.3	17.0	25.6
125	14.3	9.0	13.6

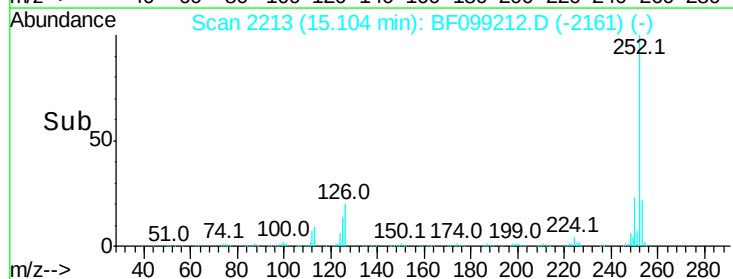
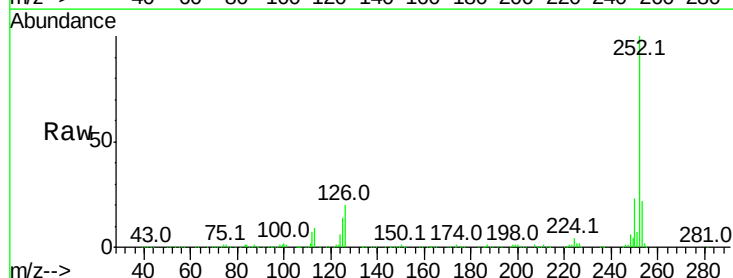
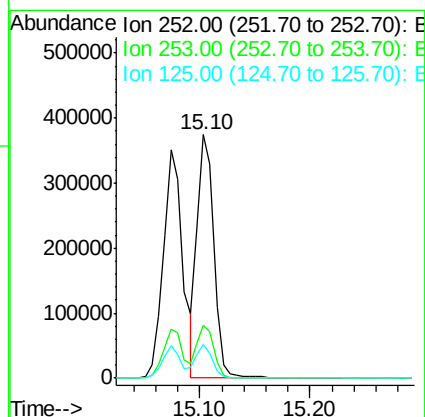
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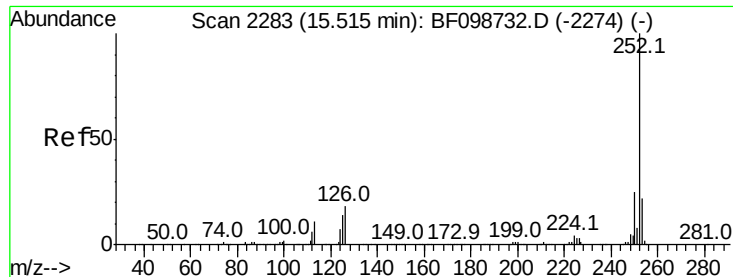
Sohil
10/9/2017 6:35:03 PM



#88
Benzo(k)fluoranthene
Concen: 38.203 ng
RT: 15.10 min Scan# 2213
Delta R.T. 0.01 min
Lab File: BF099212.D
Acq: 8 Oct 2017 1:02

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.7	17.9	26.9
125	14.0	10.2	15.2





#89

Benzo(a)pyrene

Concen: 40.330 ng

RT: 15.44 min Scan# 2271

Delta R.T. 0.01 min

Lab File: BF099212.D

Acq: 8 Oct 2017 1:02

Instrument :

BNA_F

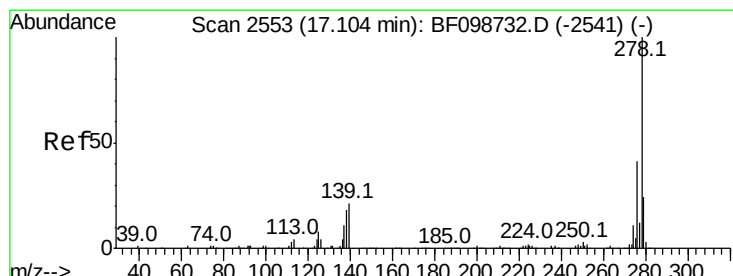
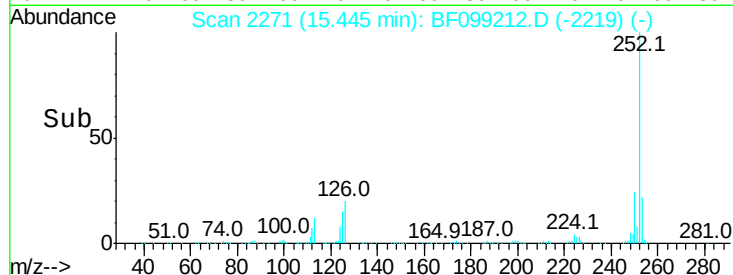
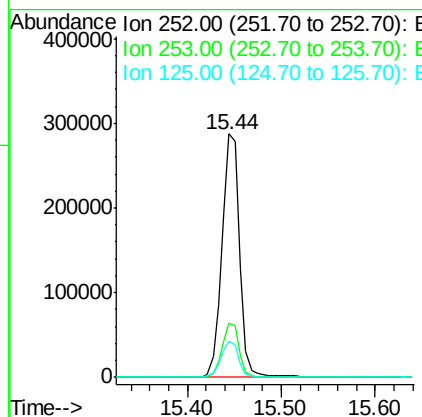
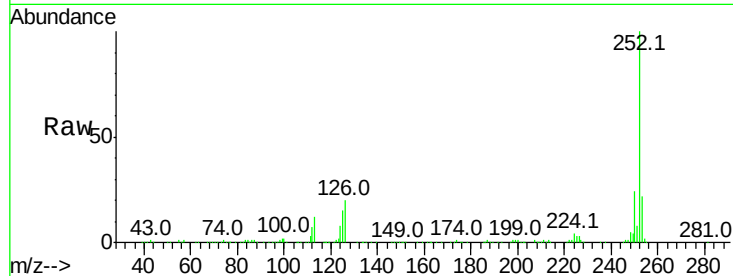
ClientSampleId :

PB103045BS

Tot Ion:	252	Resp:	377168
Ion Ratio	Lower	Upper	
252	100		
253	22.3	17.1	25.7
125	15.0	9.8	14.6

Manual Integrations
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#90

Dibenzo(a,h)anthracene

Concen: 39.981 ng

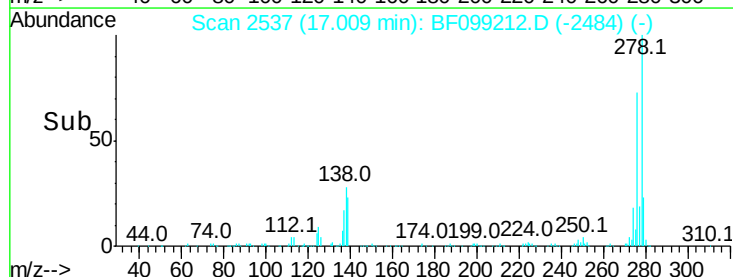
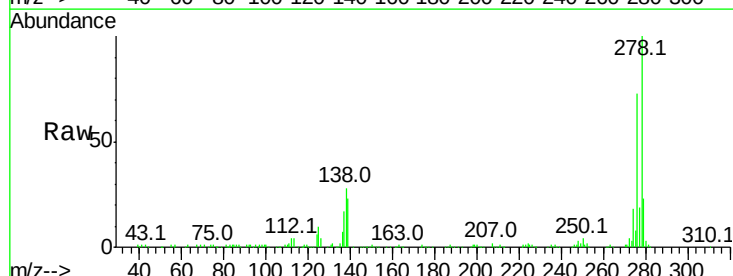
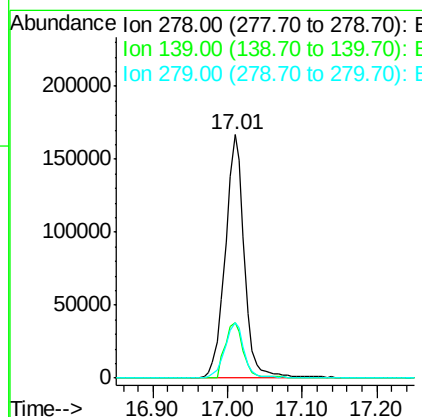
RT: 17.01 min Scan# 2537

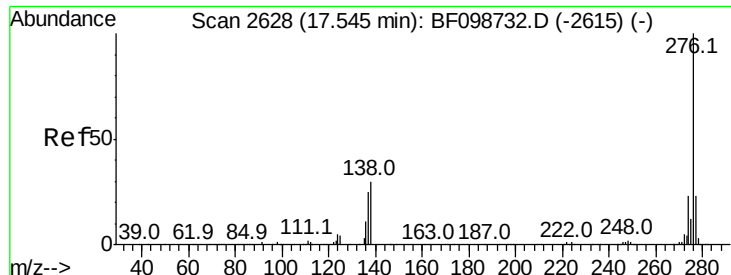
Delta R.T. 0.01 min

Lab File: BF099212.D

Acq: 8 Oct 2017 1:02

Tgt Ion:	278	Resp:	299232
Ion Ratio	Lower	Upper	
278	100		
139	22.7	15.9	23.9
279	22.6	19.0	28.4





#91
 Benzo(a,h,i)perylene
 Concen: 38.576 ng
 RT: 17.45 min Scan# 2612
 Delta R.T. 0.02 min
 Lab File: BF099212.D
 Acq: 8 Oct 2017 1:02

Instrument :
 BNA_F
 ClientSampleId :
 PB103045BS

Tot Ion:	276	Resp:	285391
Ion Ratio		Lower	Upper
276	100		
277	23.6	17.9	26.9
138	29.9	21.8	32.8

Manual Integrations
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