

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF021419\
 Data File : BF112561.D
 Acq On : 14 Feb 2019 12:13
 Operator : JU/SJ
 Sample : PB117100BS
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB117100BS

Manual Integrations
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Sohil
 2/15/2019 4:52:57 PM

Quant Time: Feb 15 06:07:36 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF012519.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jan 28 10:38:18 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.83	152	112379	20.00	ng	-0.02
21) Naphthalene-d8	8.12	136	443795	20.00	ng	-0.01
39) Acenaphthene-d10	9.87	164	218569	20.00	ng	-0.02
64) Phenanthrene-d10	11.36	188	404932	20.00	ng	0.00
76) Chrysene-d12	14.01	240	314731	20.00	ng	0.00
87) Perylene-d12	15.49	264	236247	20.00	ng	0.01

System Monitoring Compounds

5) 2-Fluorophenol	5.48	112	863482	163.21	ng	0.00
7) Phenol-d6	6.49	99	1077927	146.62	ng	0.00
23) Nitrobenzene-d5	7.40	82	599892	77.89	ng	-0.01
42) 2,4,6-Tribromophenol	10.67	330	352303	138.48	ng	-0.01
45) 2-Fluorobiphenyl	9.19	172	1236782	80.03	ng	-0.01
79) Terphenyl-d14	12.94	244	1430453	85.60	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.70	88	100560	47.713	ng	94
3) Pyridine	3.46	79	256437	47.832	ng	98
4) n-Nitrosodimethylamine	3.40	42	126703	56.251	ng	87
6) Aniline	6.50	93	271467	31.041	ng	# 36
8) 2-Chlorophenol	6.63	128	305274	42.891	ng	99
9) Benzaldehyde	6.39	77	128797	33.518	ng	95
10) Phenol	6.50	94	348756	43.239	ng	97
11) bis(2-Chloroethyl)ether	6.57	93	265607	41.828	ng	97
12) 1,3-Dichlorobenzene	6.77	146	331986	40.052	ng	99
13) 1,4-Dichlorobenzene	6.85	146	338678	39.701	ng	96
14) 1,2-Dichlorobenzene	7.00	146	321738	40.283	ng	97
15) Benzyl Alcohol	6.98	79	255526	41.231	ng	95
16) 2,2'-oxybis(1-Chloropropan	7.10	45	316846	38.862	ng	# 19
17) 2-Methylphenol	7.10	107	235344	41.712	ng	# 88
18) Hexachloroethane	7.34	117	123937	41.373	ng	94
19) n-Nitroso-di-n-propylamine	7.25	70	210591	41.542	ng	99
20) 3+4-Methylphenols	7.26	107	311530	43.178	ng	# 64
22) Acetophenone	7.25	105	422863	39.131	ng	# 96
24) Nitrobenzene	7.42	77	309811	40.276	ng	100
25) Isophorone	7.66	82	543834	45.008	ng	97
26) 2-Nitrophenol	7.73	139	169237	41.169	ng	91
27) 2,4-Dimethylphenol	7.77	122	258852	45.703	ng	94
28) bis(2-Chloroethoxy)methane	7.86	93	342123	41.583	ng	98
29) 2,4-Dichlorophenol	7.99	162	261681	41.287	ng	98
30) 1,2,4-Trichlorobenzene	8.06	180	282777	38.814	ng	98
31) Naphthalene	8.14	128	892778	43.018	ng	98
32) Benzoic acid	7.94	122	156640	48.485	ng	97
33) 4-Chloroaniline	8.19	127	193252	21.385	ng	98
34) Hexachlorobutadiene	8.25	225	162202	37.940	ng	99
35) Caprolactam	8.57	113	76989m	34.433	ng	
36) 4-Chloro-3-methylphenol	8.69	107	270609	40.331	ng	98
37) 2-Methylnaphthalene	8.83	142	627703	44.181	ng	98
38) 1-Methylnaphthalene	8.93	142	588003	43.179	ng	97
40) 1,2,4,5-Tetrachlorobenzene	9.00	216	284498	39.644	ng	98

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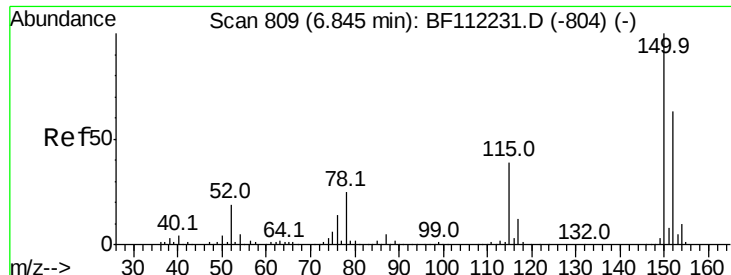
Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.98	237	159790	61.275	nq	98
43) 2,4,6-Trichlorophenol	9.12	196	173377	39.194	nq	97
44) 2,4,5-Trichlorophenol	9.17	196	176295	38.132	nq	95
46) 1,1'-Biphenyl	9.29	154	771596	40.381	nq	98
47) 2-Chloronaphthalene	9.32	162	579227	39.090	nq	97
48) 2-Nitroaniline	9.42	65	159870	39.584	nq	89
49) Acenaphthylene	9.73	152	912922	42.035	nq	98
50) Dimethylphthalate	9.59	163	666890	39.271	nq	99
51) 2,6-Dinitrotoluene	9.66	165	149754	39.375	nq #	86
52) Acenaphthene	9.90	154	531245	40.947	nq	98
53) 3-Nitroaniline	9.83	138	106357	25.813	nq	91
54) 2,4-Dinitrophenol	9.96	184	109100	89.385	nq	93
55) Dibenzofuran	10.08	168	788865	39.789	nq	94
56) 4-Nitrophenol	10.03	139	135175	62.053	nq	92
57) 2,4-Dinitrotoluene	10.08	165	196972	40.681	nq #	77
58) Fluorene	10.42	166	642874	43.330	nq	98
59) 2,3,4,6-Tetrachlorophenol	10.21	232	147667	42.265	nq	95
60) Diethylphthalate	10.29	149	687963	40.823	nq	98
61) 4-Chlorophenyl-phenylether	10.41	204	311514	38.598	nq	94
62) 4-Nitroaniline	10.46	138	140466	34.756	nq	92
63) Azobenzene	10.57	77	599187	40.427	nq	99
65) 4,6-Dinitro-2-methylphenol	10.50	198	84997	37.439	nq	97
66) n-Nitrosodiphenylamine	10.53	169	560304	41.056	nq	99
67) 4-Bromophenyl-phenylether	10.90	248	189907	39.875	nq	97
68) Hexachlorobenzene	10.98	284	206278	40.370	nq	98
69) Atrazine	11.06	200	179836	40.839	nq	94
70) Pentachlorophenol	11.18	266	127563	64.160	nq	99
71) Phenanthrene	11.39	178	899118	42.710	nq	98
72) Anthracene	11.44	178	932763	44.480	nq	99
73) Carbazole	11.60	167	824636	39.865	nq	99
74) Di-n-butylphthalate	11.91	149	1082139	42.147	nq	99
75) Fluoranthene	12.58	202	943519	41.787	nq	98
77) Benzidine	12.69	184	358926	41.435	nq	96
78) Pyrene	12.81	202	948259	43.518	nq	98
80) Butylbenzylphthalate	13.41	149	456378	43.289	nq	95
81) Benzo(a)anthracene	14.00	228	801148	43.302	nq	98
82) 3,3'-Dichlorobenzidine	13.95	252	181410	26.200	nq	98
83) Chrysene	14.04	228	742426	42.038	nq	97
84) Bis(2-ethylhexyl)phthalate	13.96	149	635508	42.467	nq #	95
85) Di-n-octyl phthalate	14.57	149	968509	42.065	nq	97
86) Indeno(1,2,3-cd)pyrene	16.99	276	584720	41.784	nq	96
88) Benzo(b)fluoranthene	15.06	252	651337	46.100	nq	98
89) Benzo(k)fluoranthene	15.09	252	601867	44.473	nq	99
90) Benzo(a)pyrene	15.43	252	584095	45.945	nq	99
91) Dibenzo(a,h)anthracene	16.98	278	493833	48.198	nq	97
92) Benzo(g,h,i)perylene	17.43	276	481096	49.770	nq	97

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 6.83 min Scan# 806

Delta R.T. -0.02 min

Lab File: BF112561.D

Acq: 14 Feb 2019 12:13

Instrument :

BNA_F

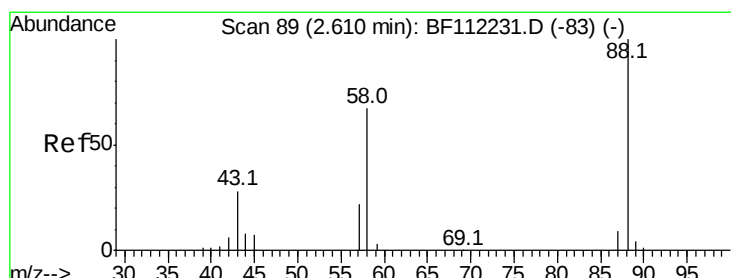
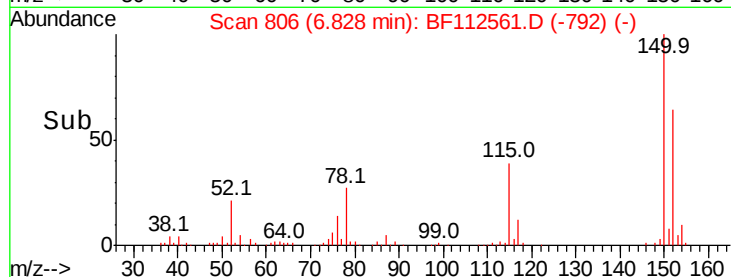
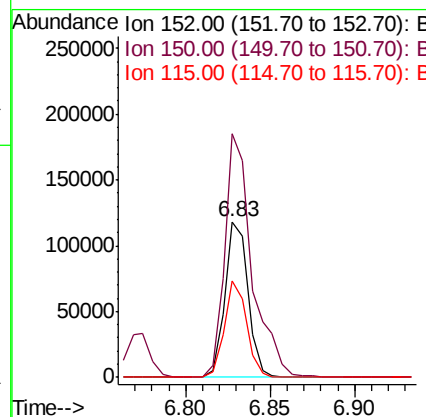
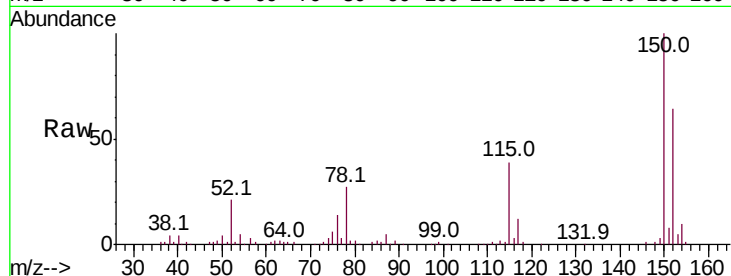
ClientSampleId :

PB117100BS

Tot Ion:	152	Resp:	112379
Ion Ratio	Lower	Upper	
152	100		
150	156.6	127.4	191.0
115	61.7	45.5	68.3

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#2

1,4-Dioxane

Concen: 47.713 ng

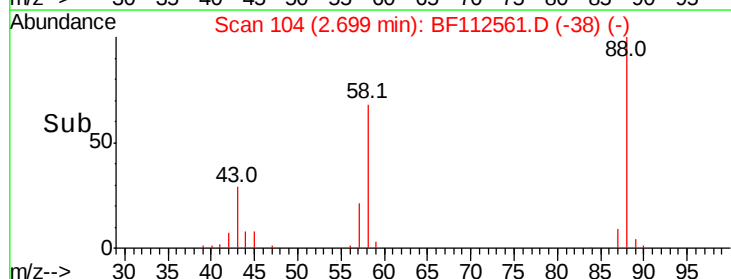
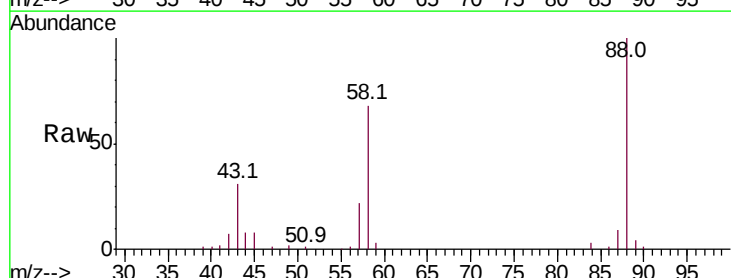
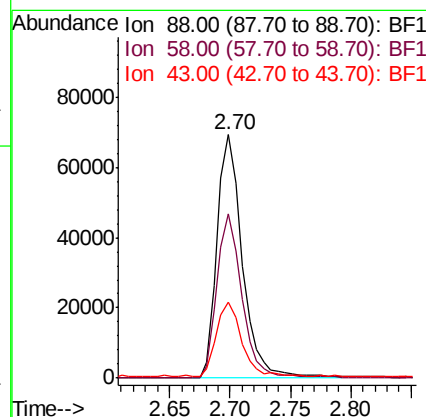
RT: 2.70 min Scan# 104

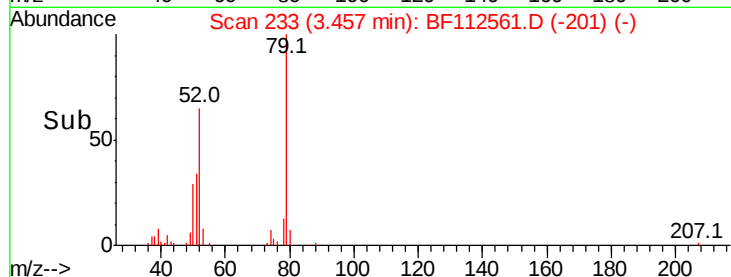
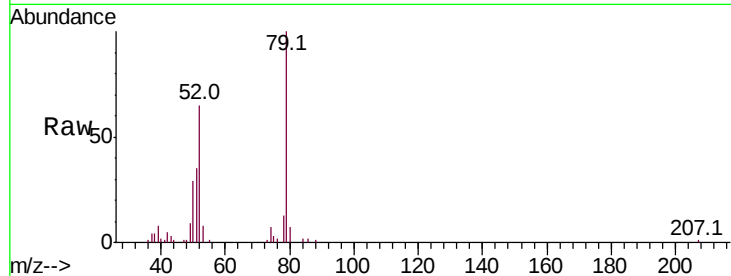
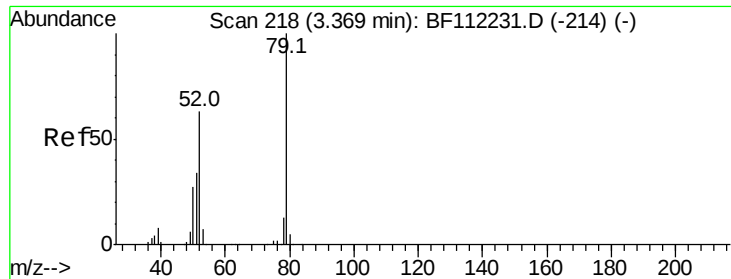
Delta R.T. 0.09 min

Lab File: BF112561.D

Acq: 14 Feb 2019 12:13

Tgt Ion:	88	Resp:	100560
Ion Ratio	Lower	Upper	
88	100		
58	66.7	57.4	86.2
43	30.1	22.2	33.4





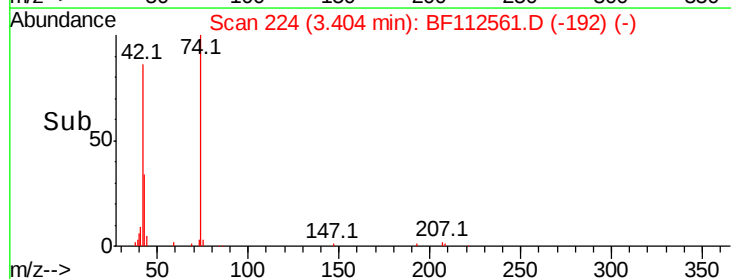
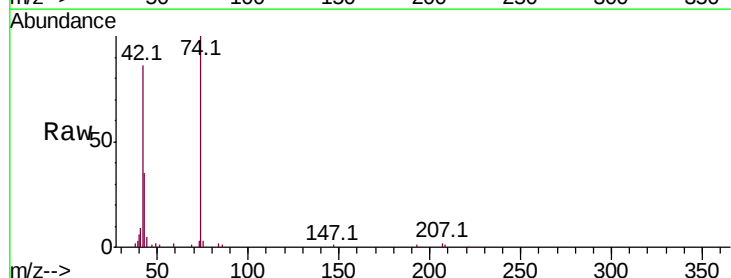
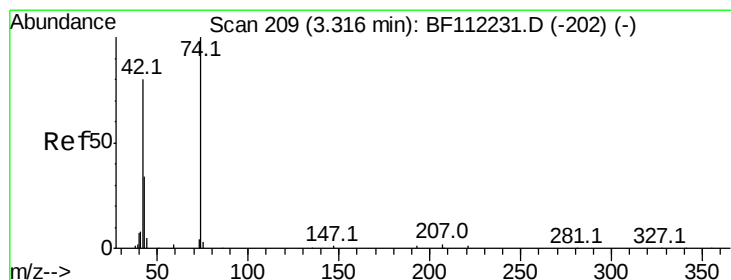
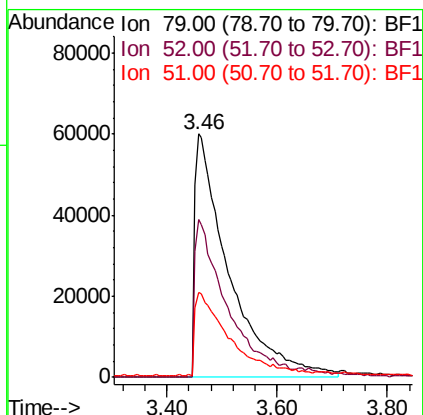
#3
Pvridine
Concen: 47.832 ng
RT: 3.46 min Scan# 233
Delta R.T. 0.09 min
Lab File: BF112561.D
Acq: 14 Feb 2019 12:13

Tot Ion	Ratio	Lower	Upper
79	100		
52	64.9	52.4	78.6
51	35.0	26.1	39.1

Instrument :
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PB117100BS

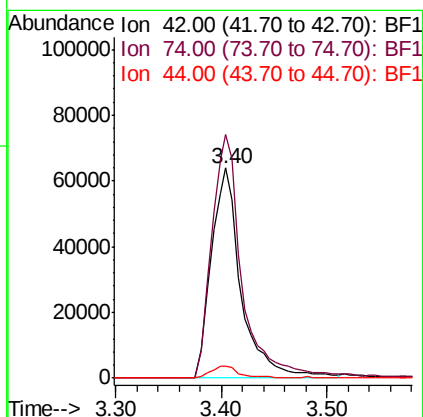
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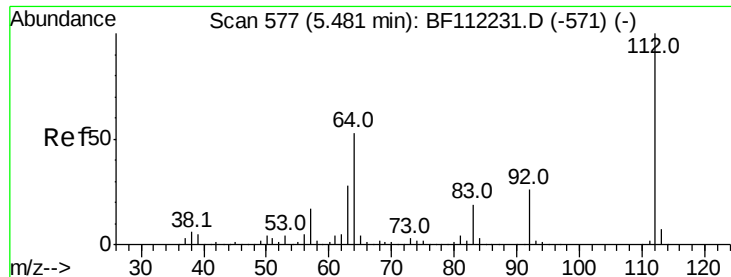
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#4
n-Nitrosodimethylamine
Concen: 56.251 ng
RT: 3.40 min Scan# 224
Delta R.T. 0.09 min
Lab File: BF112561.D
Acq: 14 Feb 2019 12:13

Tgt Ion	Ratio	Lower	Upper
42	100		
74	115.9	105.6	158.4
44	6.0	5.4	8.2





#5

2-Fluorophenol

Concen: 163.206 ng

RT: 5.48 min Scan# 577

Delta R.T. 0.00 min

Lab File: BF112561.D

Acq: 14 Feb 2019 12:13

Instrument :

BNA_F

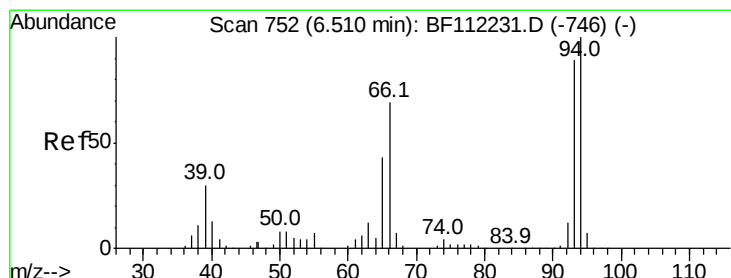
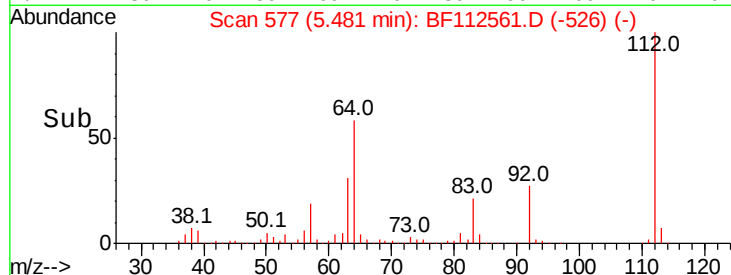
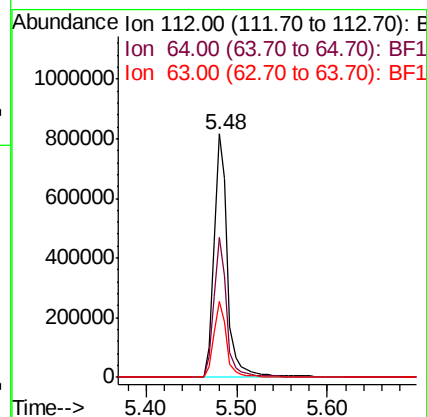
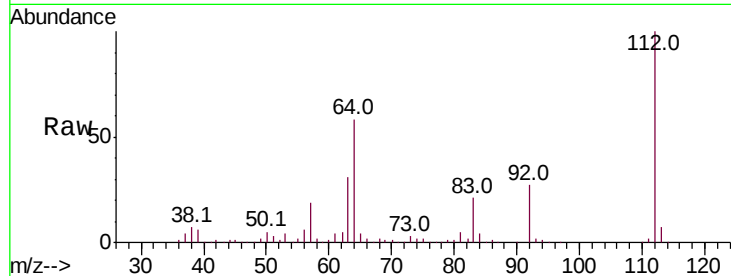
ClientSampled :

PB117100BS

Tot Ion:	112	Resp:	863482
Ion Ratio	Lower	Upper	
112	100		
64	57.7	45.7	68.5
63	31.4	23.6	35.4

Manual Integrations
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#6

Aniline

Concen: 31.041 ng

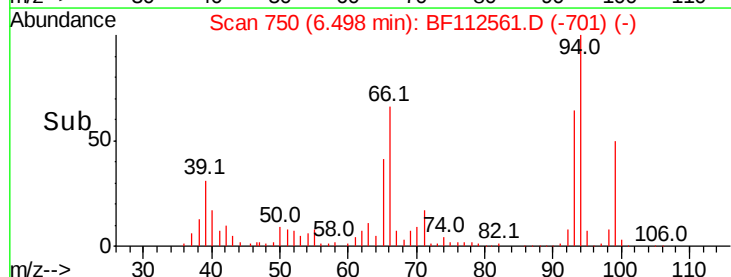
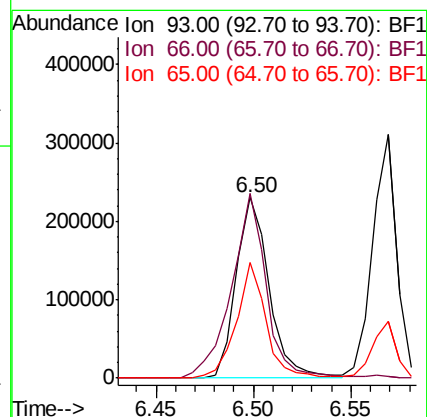
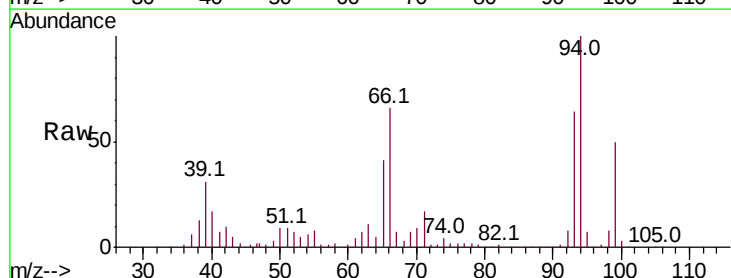
RT: 6.50 min Scan# 750

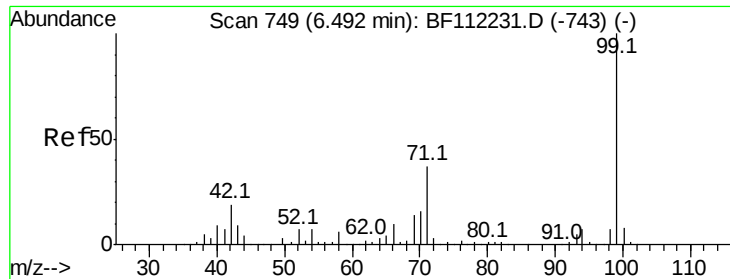
Delta R.T. -0.01 min

Lab File: BF112561.D

Acq: 14 Feb 2019 12:13

Tgt Ion:	93	Resp:	271467
Ion Ratio	Lower	Upper	
93	100		
66	102.2	43.4	65.2#
65	64.4	25.3	37.9#





#7

Phenol-d6

Concen: 146.621 ng

RT: 6.49 min Scan# 748

Delta R.T. -0.01 min

Lab File: BF112561.D

Acq: 14 Feb 2019 12:13

Instrument :

BNA_F

ClientSampled :

PB117100BS

Tot Ion: 99 Resp: 1077927

Ion Ratio Lower Upper

99 100

42 20.2 15.1 22.7

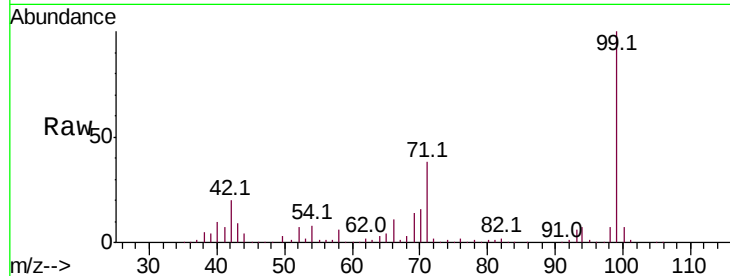
71 37.8 26.9 40.3

Manual Integrations

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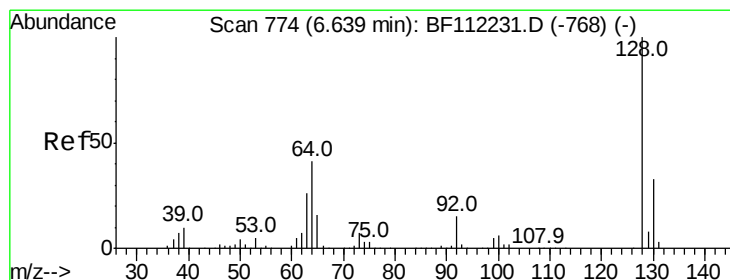
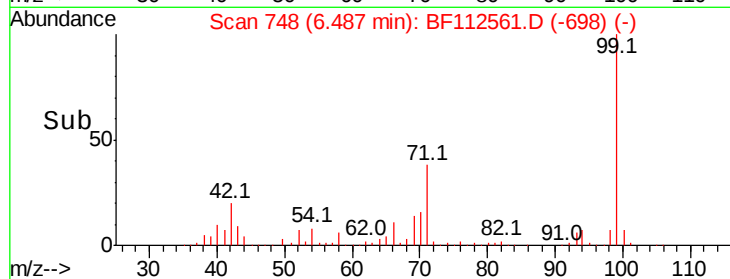
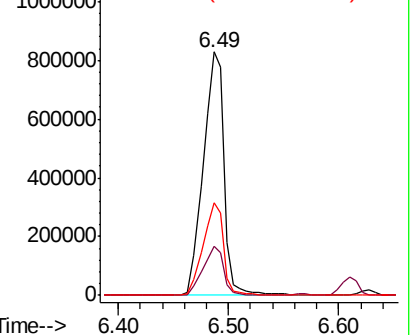
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Abundance Ion 99.00 (98.70 to 99.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 71.00 (70.70 to 71.70): BF1



#8

2-Chlorophenol

Concen: 42.891 ng

RT: 6.63 min Scan# 772

Delta R.T. -0.01 min

Lab File: BF112561.D

Acq: 14 Feb 2019 12:13

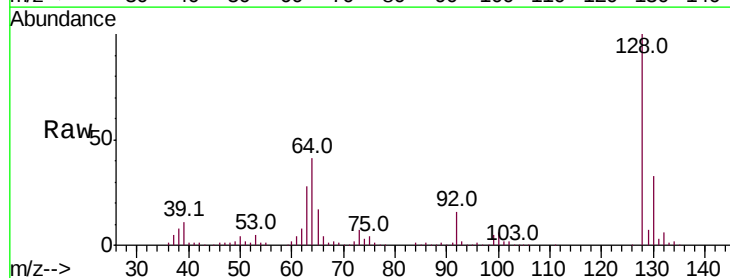
Tgt Ion:128 Resp: 305274

Ion Ratio Lower Upper

128 100

130 32.9 13.4 53.4

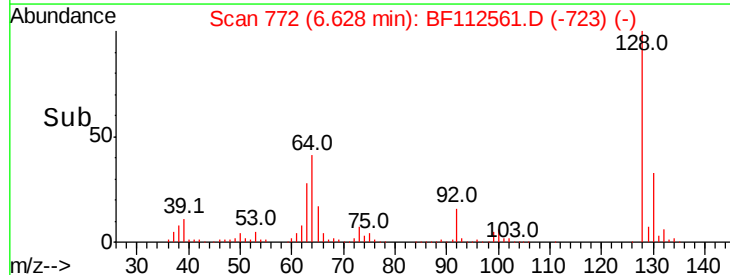
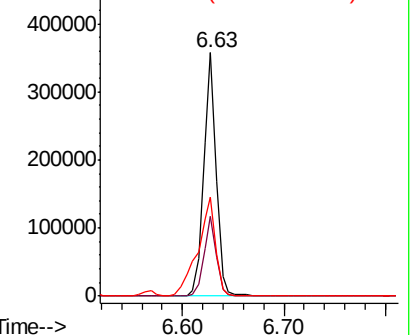
64 40.8 20.5 60.5

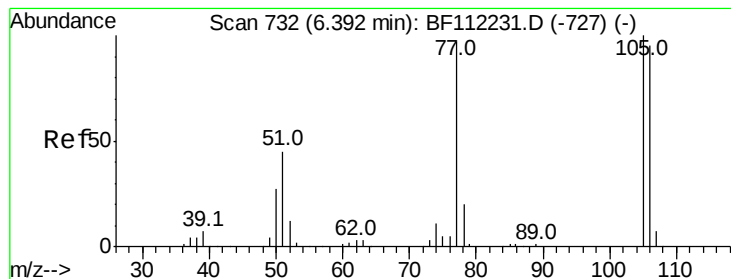


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF1





#9

Benzaldehyde

Concen: 33.518 ng

RT: 6.39 min Scan# 731

Delta R.T. -0.01 min

Lab File: BF112561.D

Acq: 14 Feb 2019 12:13

Instrument :

BNA_F

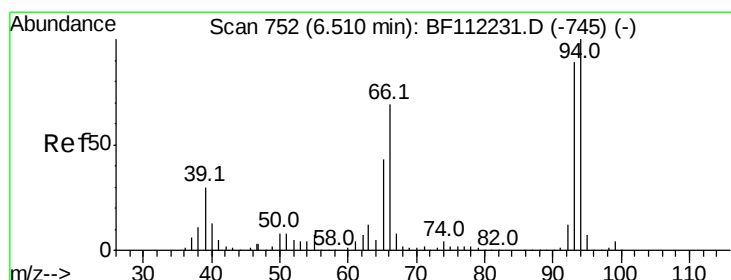
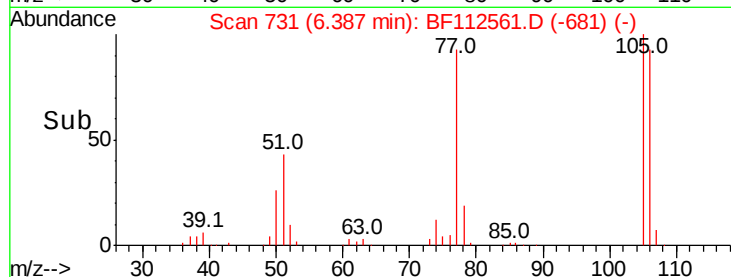
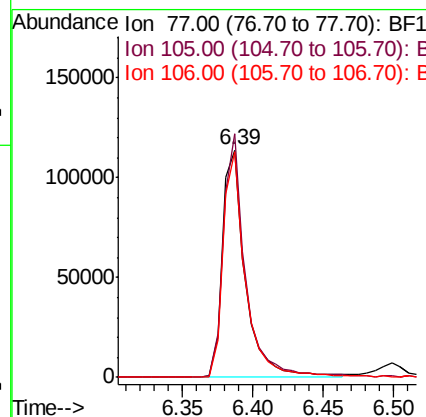
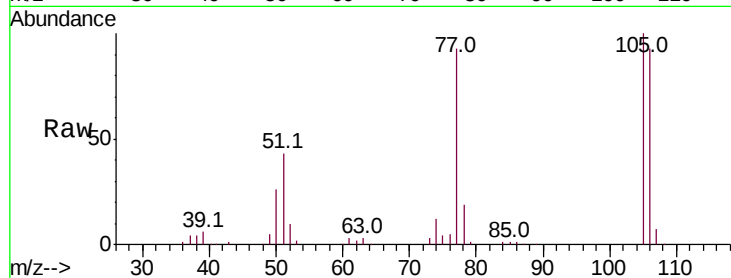
ClientSampleId :

PB117100BS

Tot Ion:	77	Resp:	128797
Ion Ratio	Lower	Upper	
77	100		
105	107.0	80.8	120.8
106	99.2	75.7	115.7

Manual Integrations
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#10

Phenol

Concen: 43.239 ng

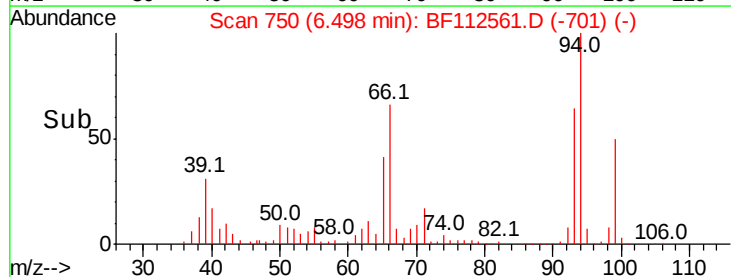
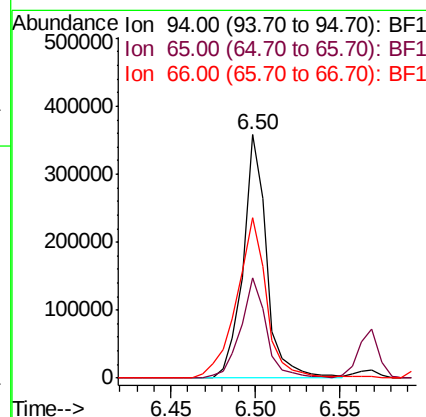
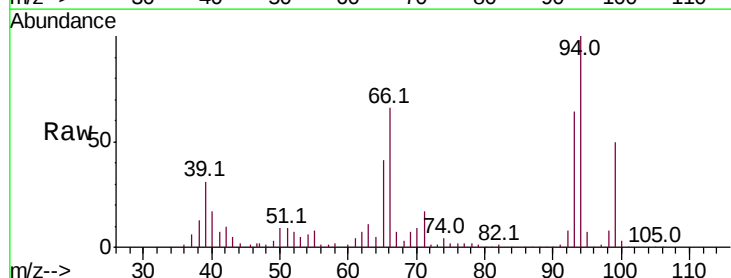
RT: 6.50 min Scan# 750

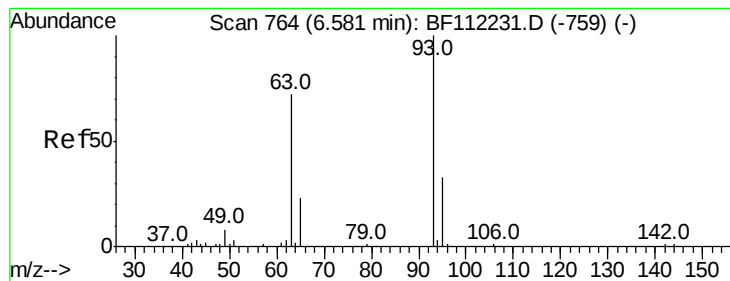
Delta R.T. -0.01 min

Lab File: BF112561.D

Acq: 14 Feb 2019 12:13

Tgt Ion:	94	Resp:	348756
Ion Ratio	Lower	Upper	
94	100		
65	41.4	20.3	60.3
66	65.7	42.4	82.4





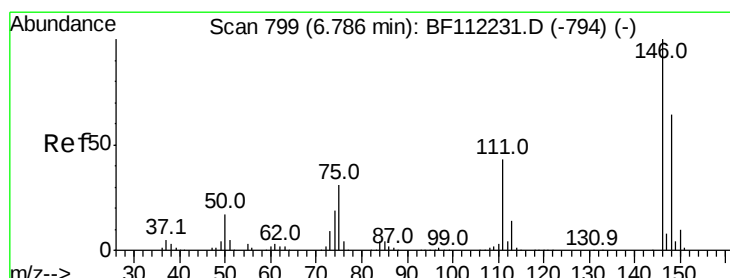
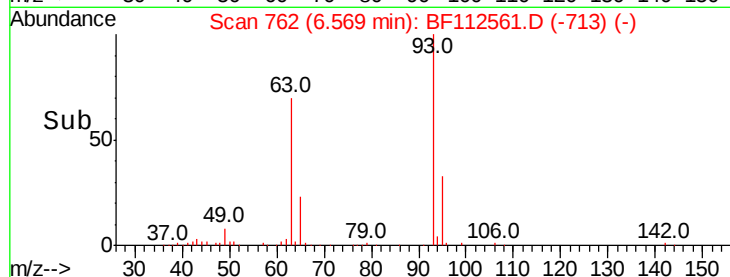
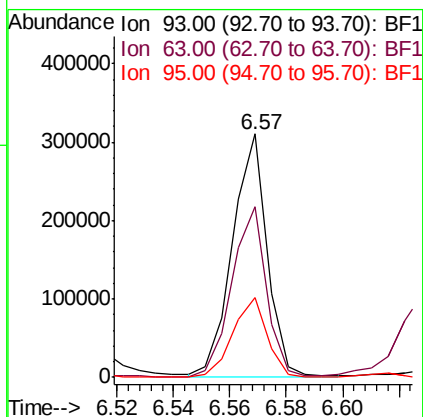
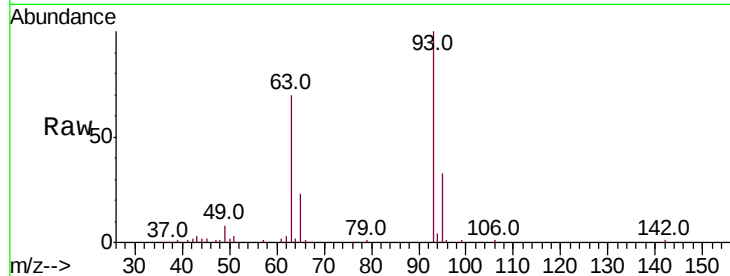
#11
bis(2-Chloroethyl)ether
Concen: 41.828 ng
RT: 6.57 min Scan# 762
Delta R.T. -0.01 min
Lab File: BF112561.D
Acq: 14 Feb 2019 12:13

Instrument :
BNA_F
ClientSampleId :
PB117100BS

Tot Ion	Ratio	Resp	Lower	Upper
93	100	265607		
63	70.3		53.3	93.3
95	32.5		13.4	53.4

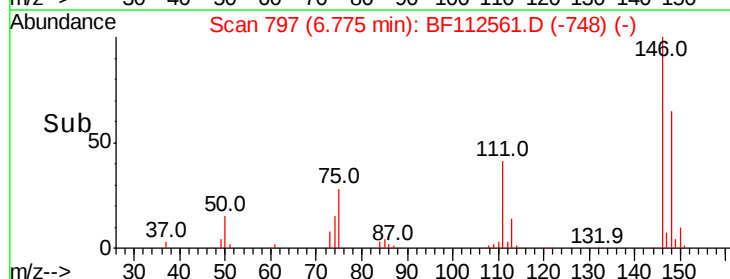
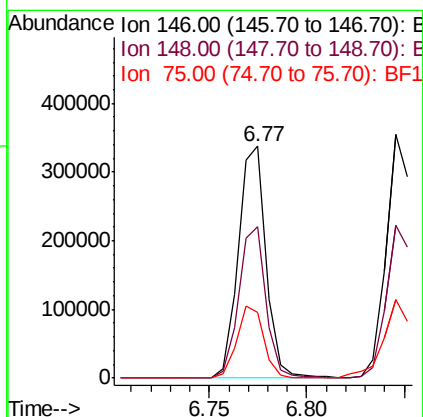
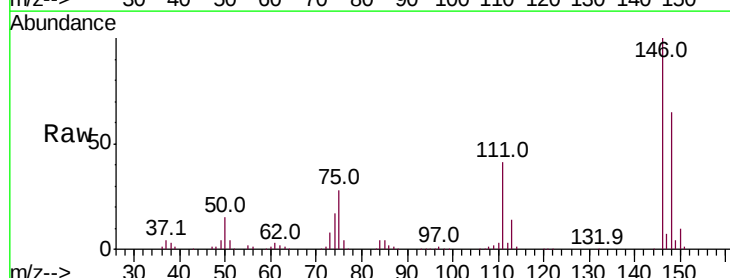
Manual Integrations
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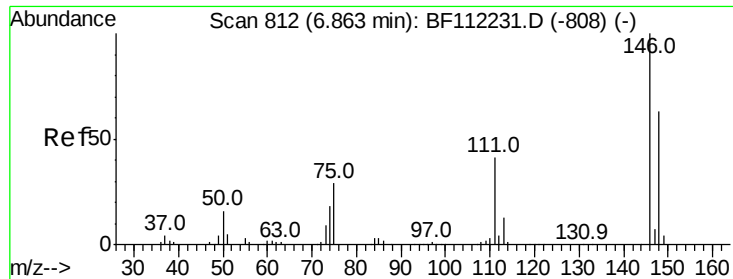
Sohil
2/15/2019 4:52:57 PM



#12
1,3-Dichlorobenzene
Concen: 40.052 ng
RT: 6.77 min Scan# 797
Delta R.T. -0.01 min
Lab File: BF112561.D
Acq: 14 Feb 2019 12:13

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	331986		
148	65.2		51.8	77.8
75	28.2		23.1	34.7





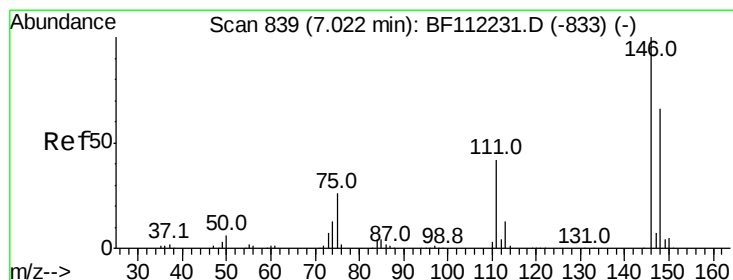
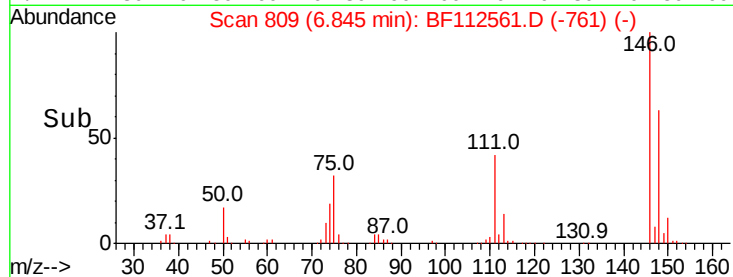
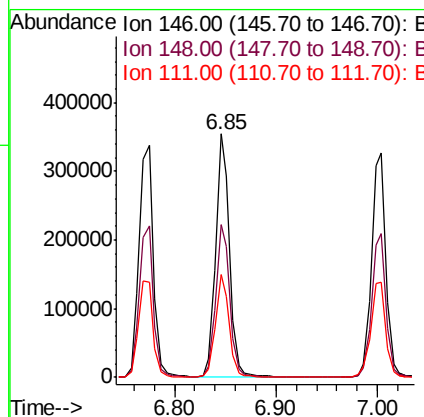
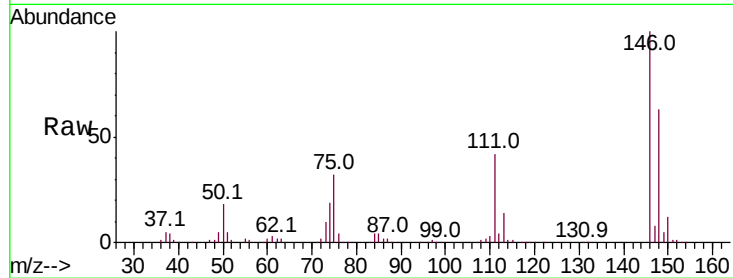
#13
 1,4-Dichlorobenzene
 Concen: 39.701 ng
 RT: 6.85 min Scan# 809
 Delta R.T. -0.02 min
 Lab File: BF112561.D
 Acq: 14 Feb 2019 12:13

Instrument :
 BNA_F
 ClientSampled :
 PB117100BS

Tot Ion	Ratio	Lower	Upper
146	100		
148	62.9	52.0	78.0
111	42.2	31.2	46.8

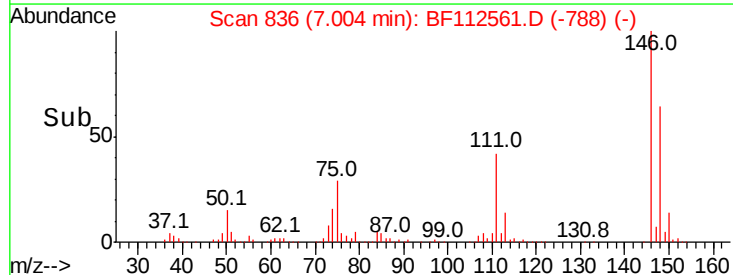
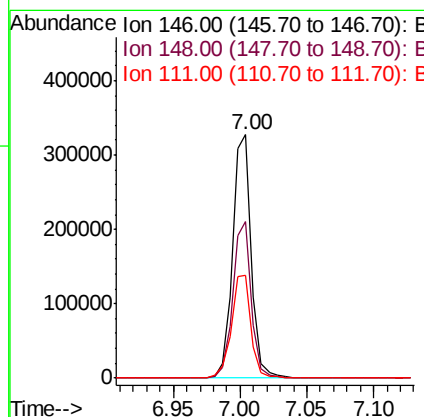
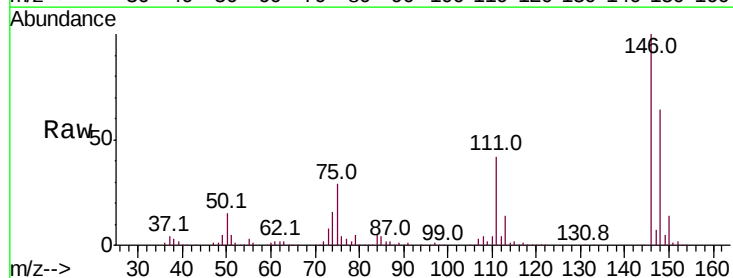
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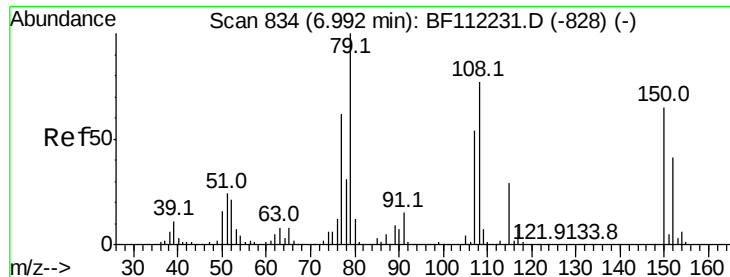
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#14
 1,2-Dichlorobenzene
 Concen: 40.283 ng
 RT: 7.00 min Scan# 836
 Delta R.T. -0.02 min
 Lab File: BF112561.D
 Acq: 14 Feb 2019 12:13

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.1	52.2	78.4
111	42.2	31.2	46.8





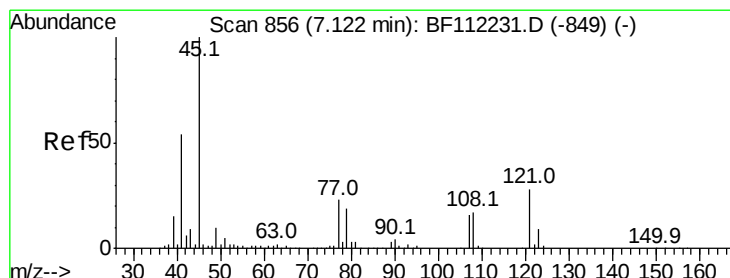
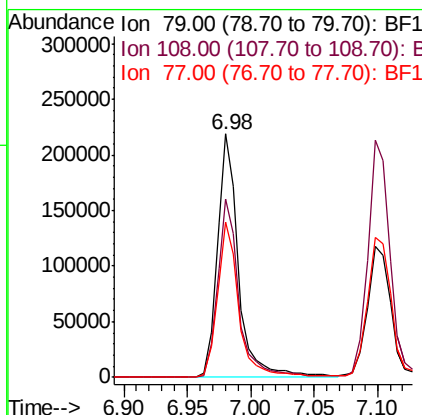
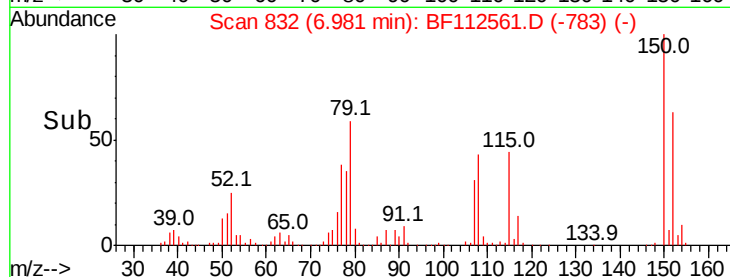
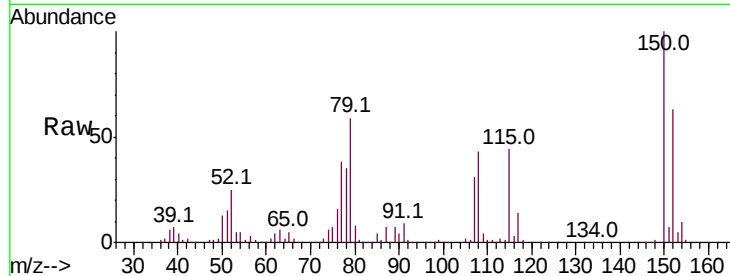
#15
Benzyl Alcohol
Concen: 41.231 ng
RT: 6.98 min Scan# 832
Delta R.T. -0.01 min
Lab File: BF112561.D
Acq: 14 Feb 2019 12:13

Instrument :
BNA_F
ClientSampled :
PB117100BS

Tot Ion	Ratio	Resp Lower	Upper
79	100		
108	73.1	64.2	96.2
77	63.9	50.3	75.5

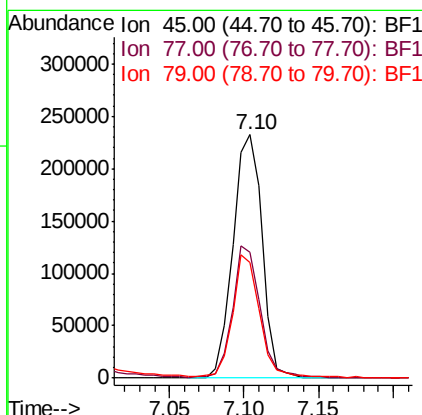
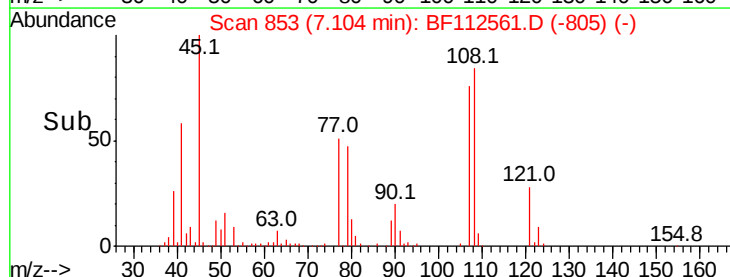
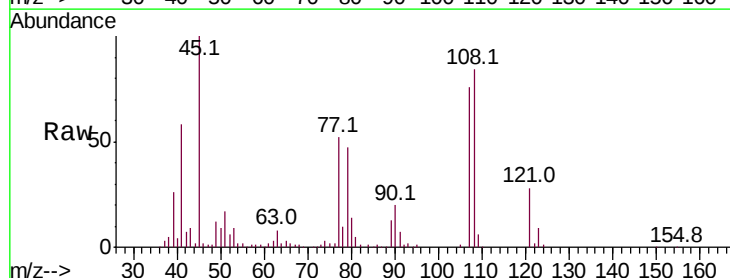
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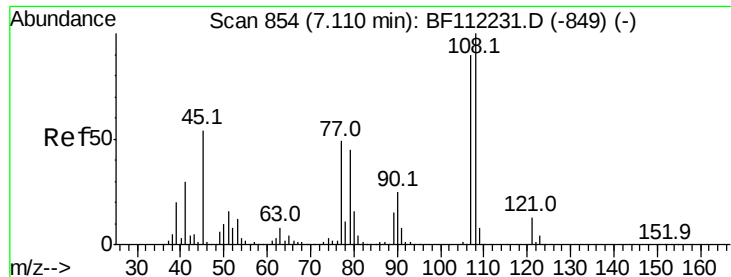
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#16
2,2'-oxybis(1-Chloropropane)
Concen: 38.862 ng
RT: 7.10 min Scan# 853
Delta R.T. -0.02 min
Lab File: BF112561.D
Acq: 14 Feb 2019 12:13

Tgt Ion	Ratio	Resp Lower	Upper
45	100		
77	51.5	0.0	36.9#
79	47.3	0.0	34.0#





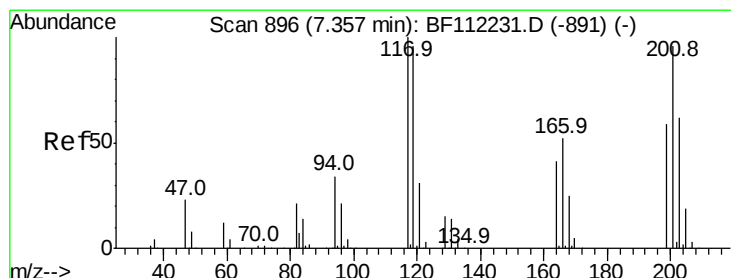
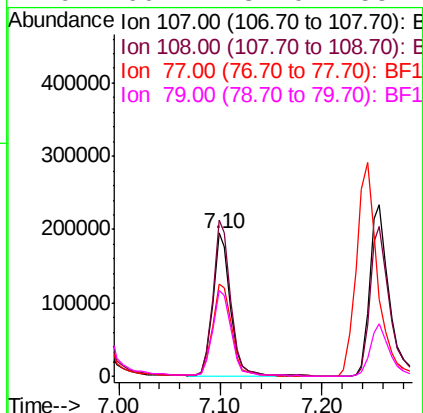
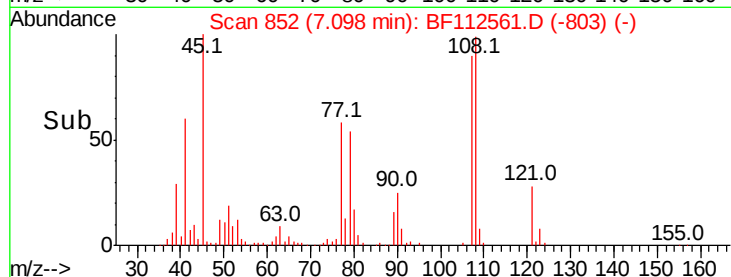
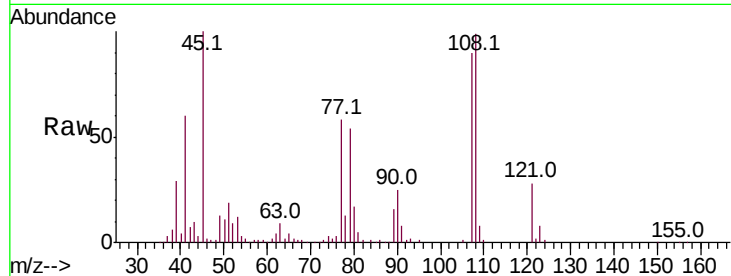
#17
2-Methylphenol
Concen: 41.712 ng
RT: 7.10 min Scan# 852
Delta R.T. -0.01 min
Lab File: BF112561.D
Acq: 14 Feb 2019 12:13

Instrument :
BNA_F
ClientSampled :
PB117100BS

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	109.5	91.3	136.9	
77	64.6	39.0	58.6#	
79	60.1	37.0	55.4#	

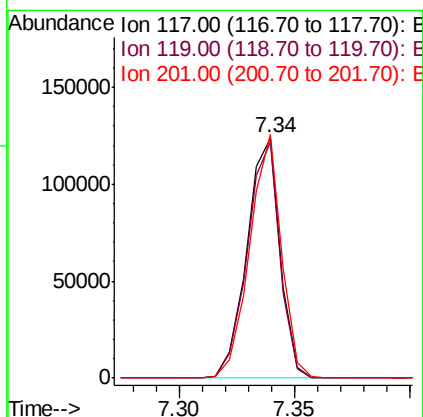
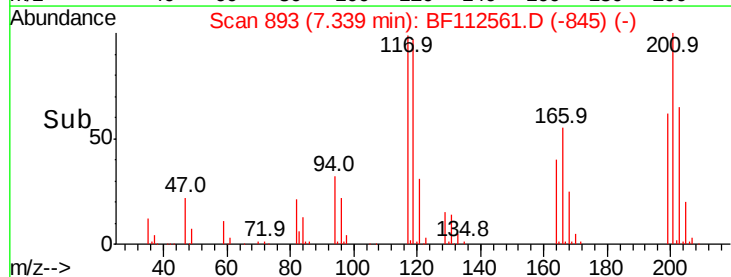
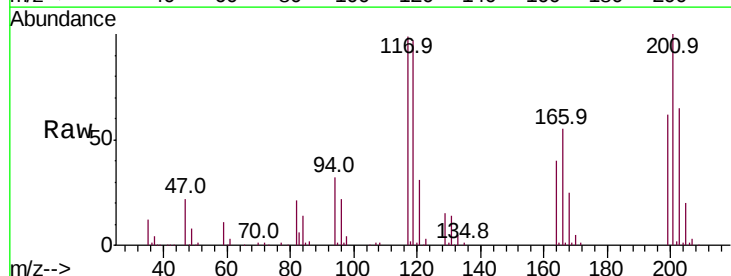
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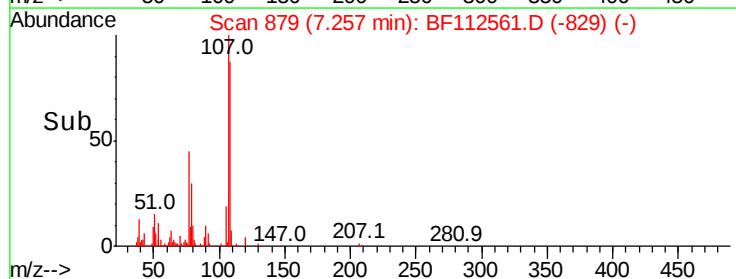
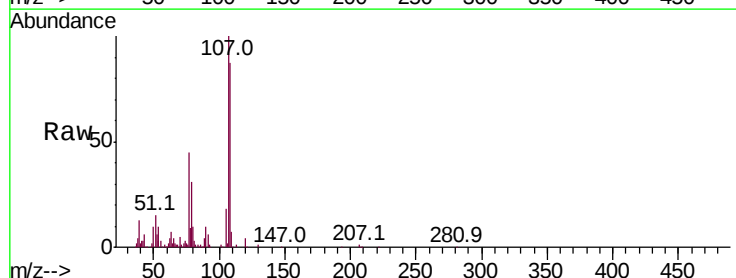
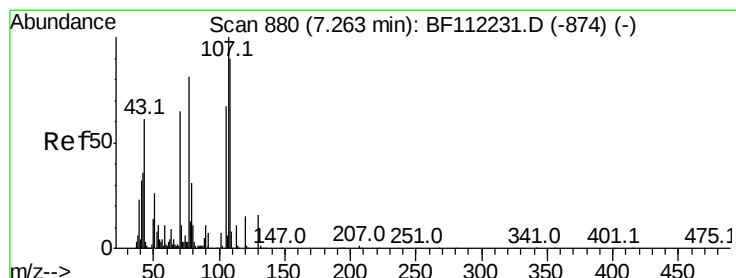
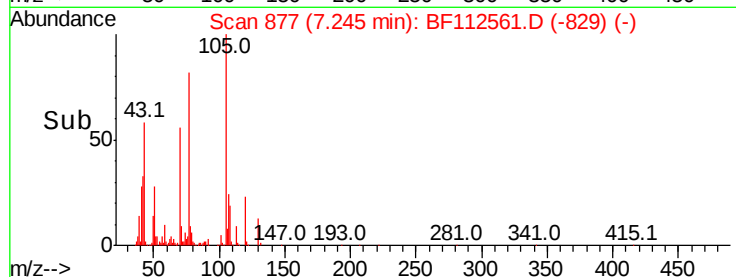
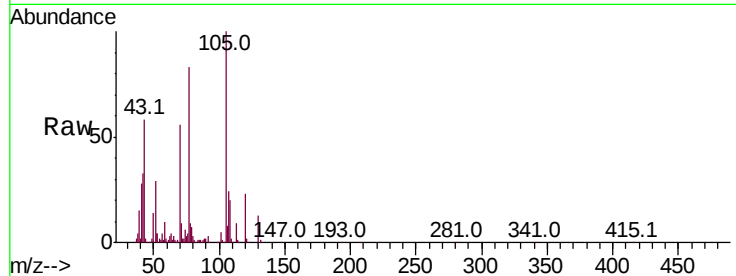
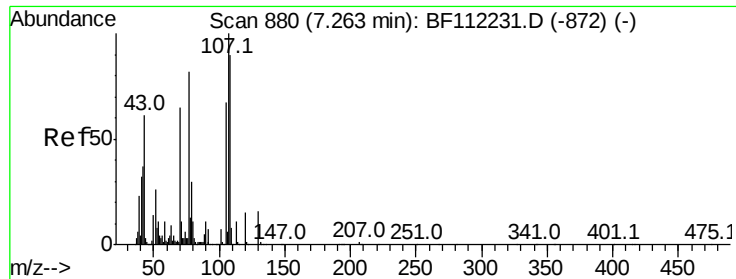
Sohil
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#18
Hexachloroethane
Concen: 41.373 ng
RT: 7.34 min Scan# 893
Delta R.T. -0.02 min
Lab File: BF112561.D
Acq: 14 Feb 2019 12:13

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	98.2	77.0	115.4	
201	101.5	74.1	111.1	





#19

n-Nitroso-di-n-propylamine

Concen: 41.542 ng

RT: 7.25 min Scan# 877

Delta R.T. -0.02 min

Lab File: BF112561.D

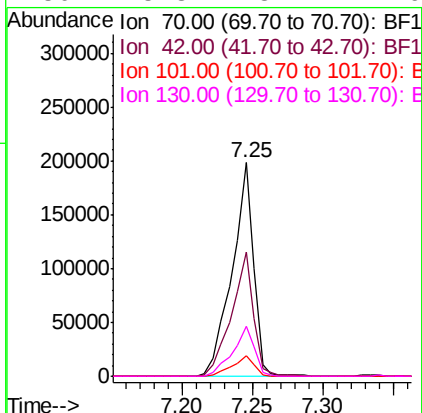
Acq: 14 Feb 2019 12:13

Instrument :
BNA_F
ClientSampleId :
PB117100BS

Tot Ion	Ratio	Resp	Lower	Upper
70	100			
42	58.0		47.6	71.4
101	9.7		7.9	11.9
130	23.3		18.4	27.6

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#20

3+4-Methylphenols

Concen: 43.178 ng

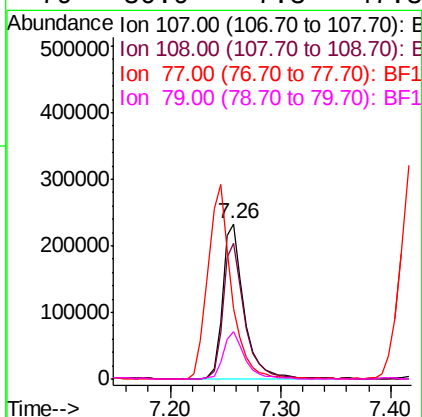
RT: 7.26 min Scan# 879

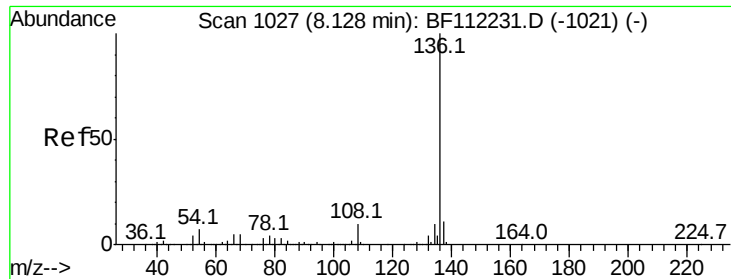
Delta R.T. -0.01 min

Lab File: BF112561.D

Acq: 14 Feb 2019 12:13

Tgt Ion	Ratio	Resp	Lower	Upper
107	100			
108	87.3		68.2	108.2
77	45.3		100.7	140.7#
79	30.9		7.3	47.3





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.12 min Scan# 1025

Delta R.T. -0.01 min

Lab File: BF112561.D

Acq: 14 Feb 2019 12:13

Instrument :

BNA_F

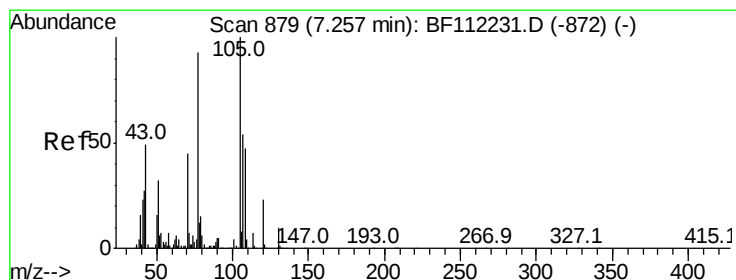
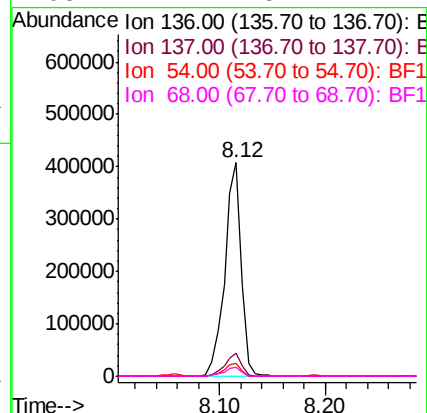
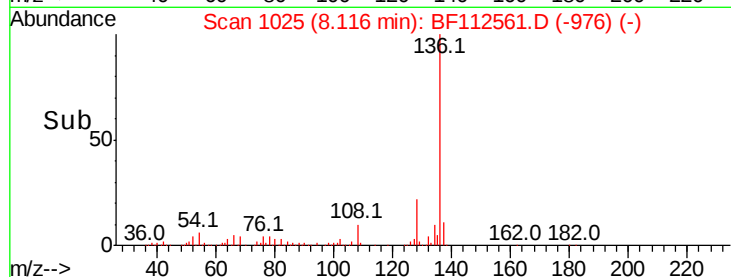
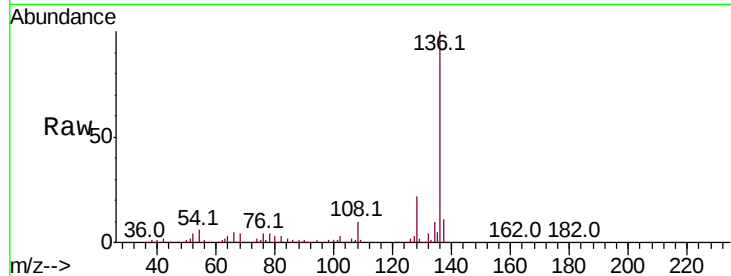
ClientSampleId :

PB117100BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
136	100		443795		
137	10.6	9.1	13.7		
54	5.8	5.9	8.9#		
68	4.4	5.1	7.7#		

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#22

Acetophenone

Concen: 39.131 ng

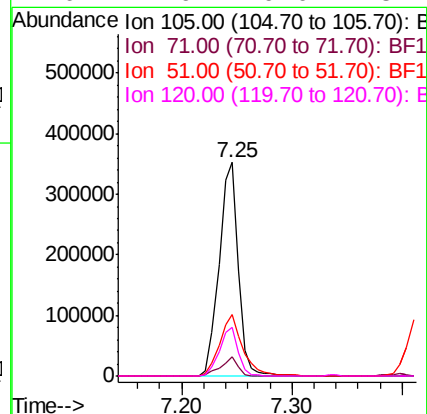
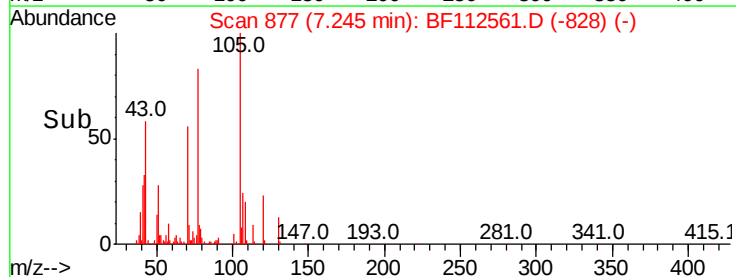
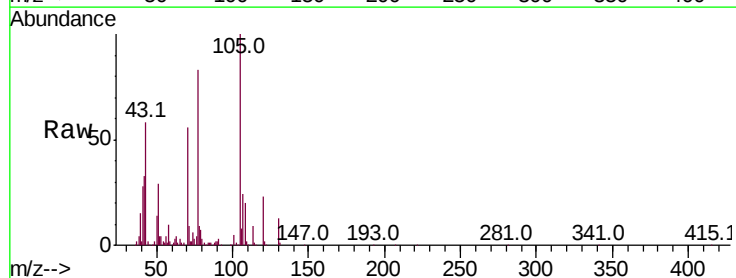
RT: 7.25 min Scan# 877

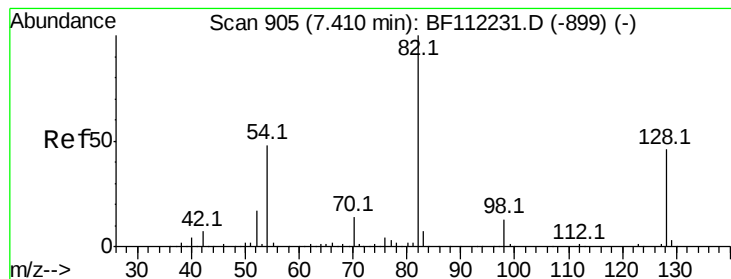
Delta R.T. -0.01 min

Lab File: BF112561.D

Acq: 14 Feb 2019 12:13

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
105	100		422863		
71	9.3	4.6	6.8#		
51	28.5	25.0	37.6		
120	22.9	19.0	28.4		





#23

Nitrobenzene-d5

Concen: 77.887 ng

RT: 7.40 min Scan# 903

Delta R.T. -0.01 min

Lab File: BF112561.D

Acq: 14 Feb 2019 12:13

Instrument :

BNA_F

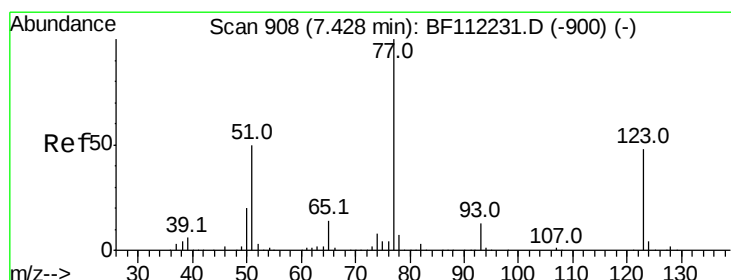
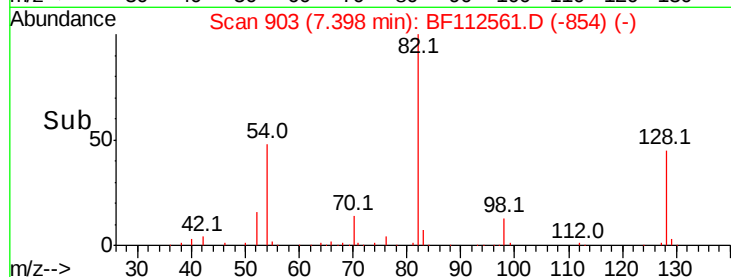
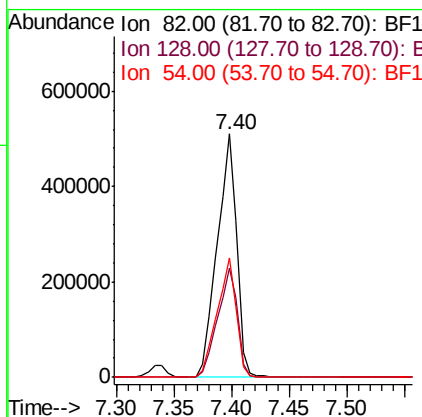
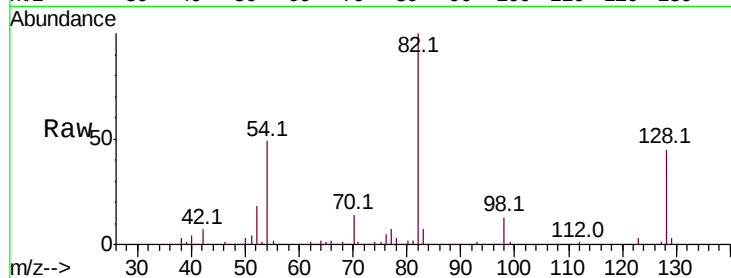
ClientSampleId :

PB117100BS

Tot Ion:	82	Resp:	599892
Ion Ratio	Lower	Upper	
82	100		
128	44.8	37.8	56.8
54	49.0	39.7	59.5

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#24

Nitrobenzene

Concen: 40.276 ng

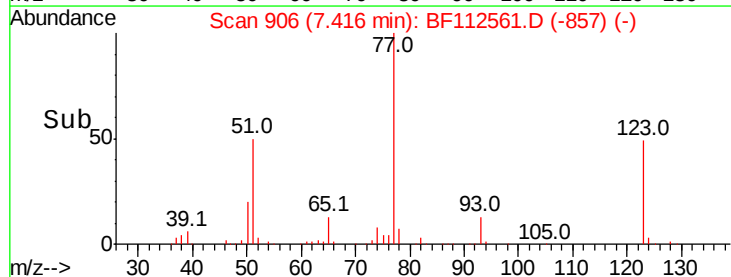
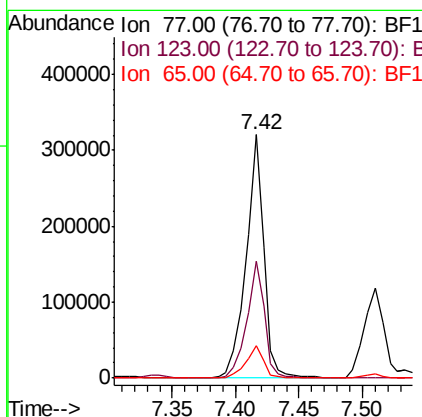
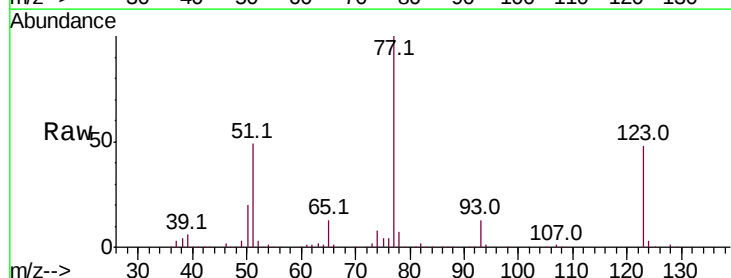
RT: 7.42 min Scan# 906

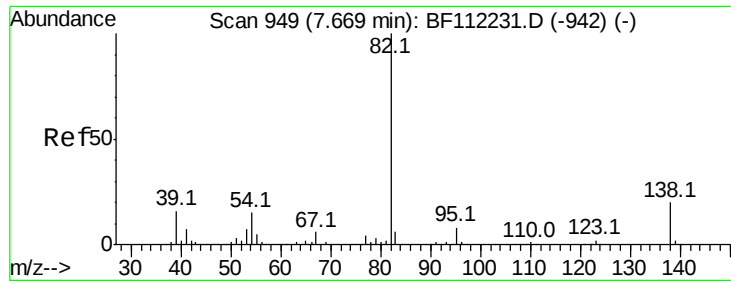
Delta R.T. -0.01 min

Lab File: BF112561.D

Acq: 14 Feb 2019 12:13

Tgt Ion:	77	Resp:	309811
Ion Ratio	Lower	Upper	
77	100		
123	47.9	38.4	57.6
65	13.3	10.6	15.8





#25

Isophorone

Concen: 45.008 ng

RT: 7.66 min Scan# 947

Delta R.T. -0.01 min

Lab File: BF112561.D

Acq: 14 Feb 2019 12:13

Instrument :

BNA_F

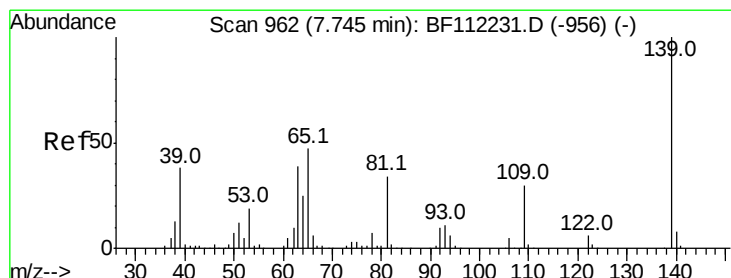
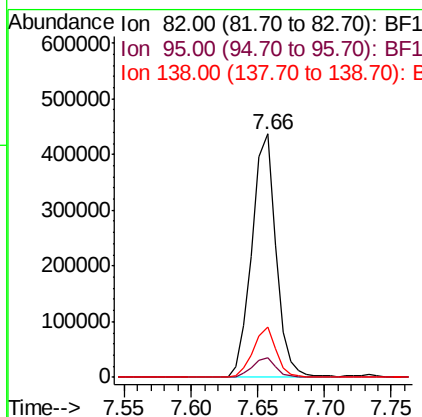
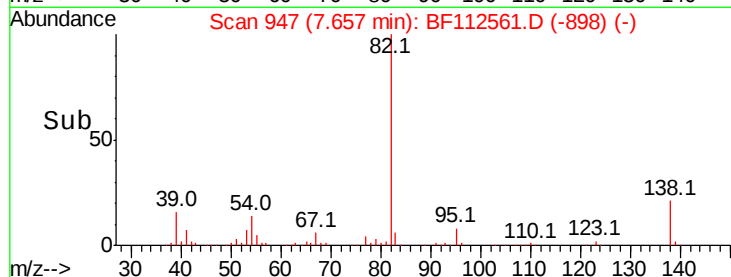
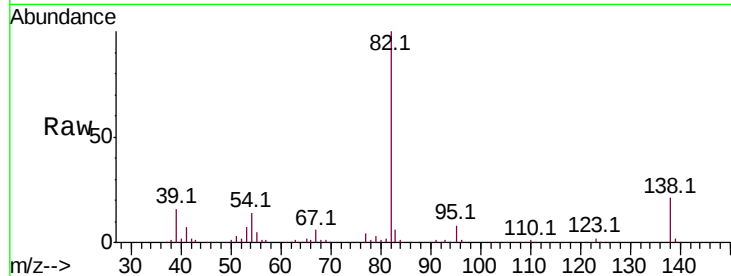
ClientSampleId :

PB117100BS

Tot Ion:	82	Resp:	543834
Ion Ratio	Lower	Upper	
82	100		
95	8.1	5.7	8.5
138	20.7	15.4	23.0

Manual Integrations
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#26

2-Nitrophenol

Concen: 41.169 ng

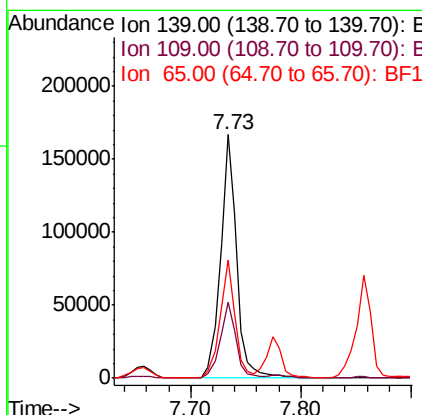
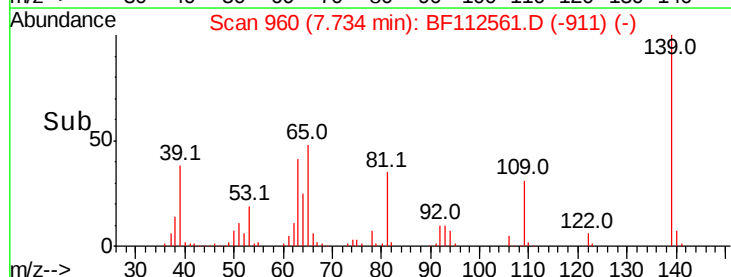
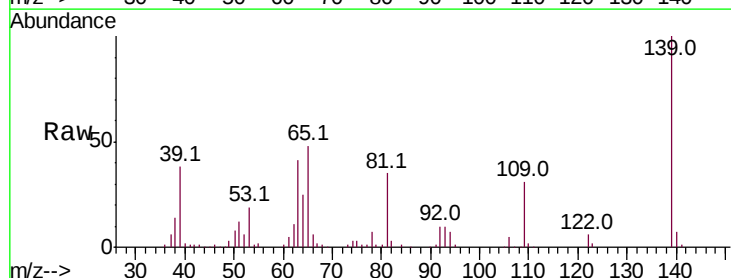
RT: 7.73 min Scan# 960

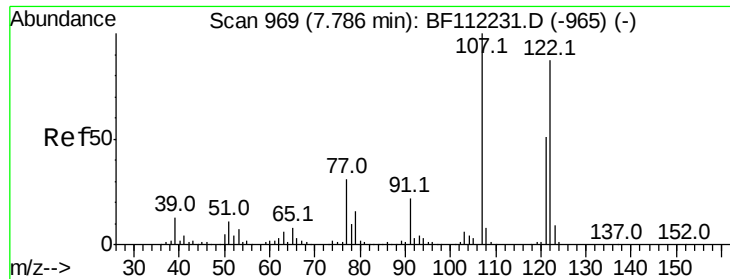
Delta R.T. -0.01 min

Lab File: BF112561.D

Acq: 14 Feb 2019 12:13

Tgt Ion:	139	Resp:	169237
Ion Ratio	Lower	Upper	
139	100		
109	31.0	20.8	31.2
65	48.5	34.4	51.6





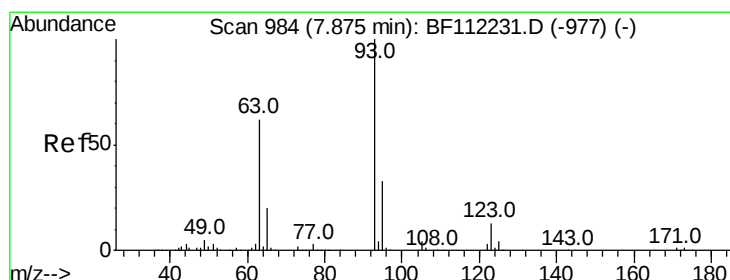
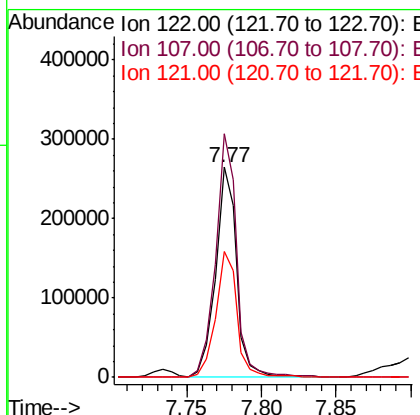
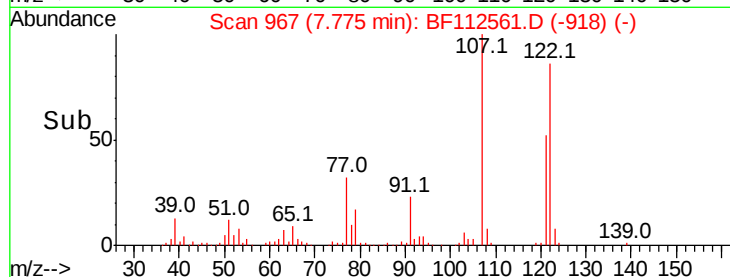
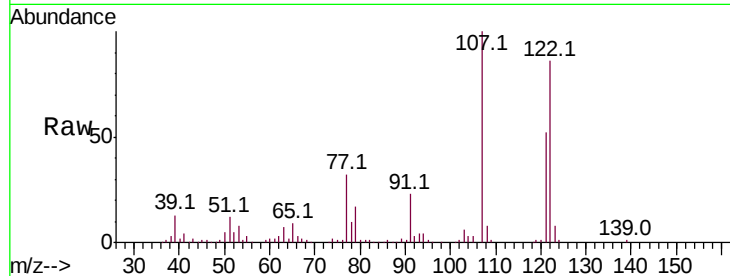
#27
2,4-Dimethylphenol
Concen: 45.703 ng
RT: 7.77 min Scan# 967
Delta R.T. -0.01 min
Lab File: BF112561.D
Acq: 14 Feb 2019 12:13

Instrument :
BNA_F
ClientSampleId :
PB117100BS

Tot Ion	Ratio	Resp	Lower	Upper
122	100	258852		
107	116.0	85.4	128.0	
121	59.9	47.0	70.4	

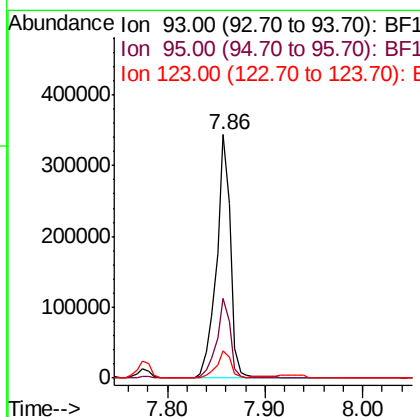
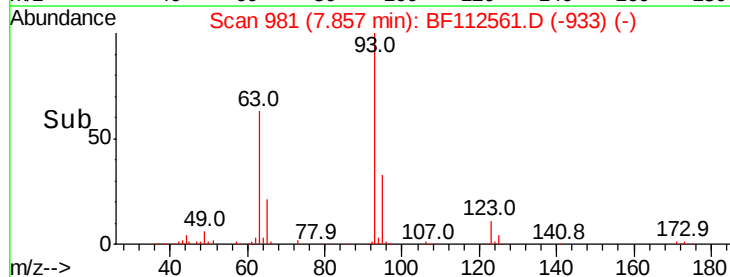
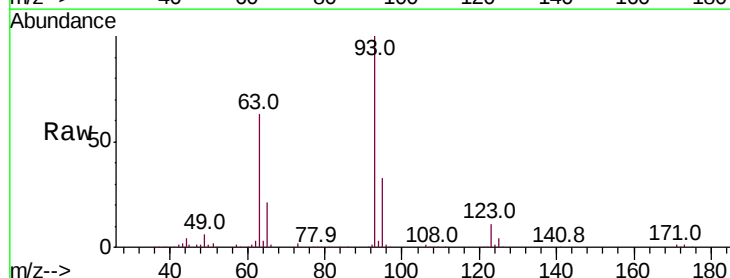
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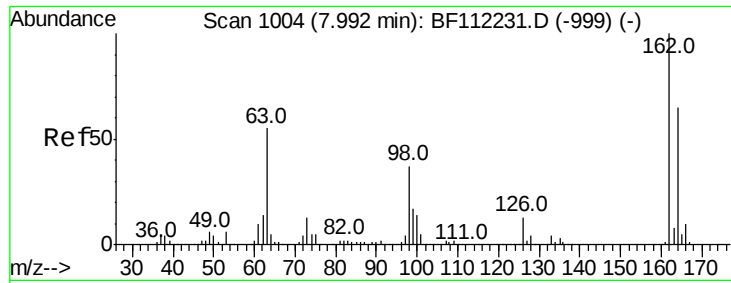
Sohil
2/15/2019 4:52:57 PM



#28
bis(2-Chloroethoxy)methane
Concen: 41.583 ng
RT: 7.86 min Scan# 981
Delta R.T. -0.02 min
Lab File: BF112561.D
Acq: 14 Feb 2019 12:13

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	342123		
95	32.7	26.8	40.2	
123	11.4	10.2	15.2	





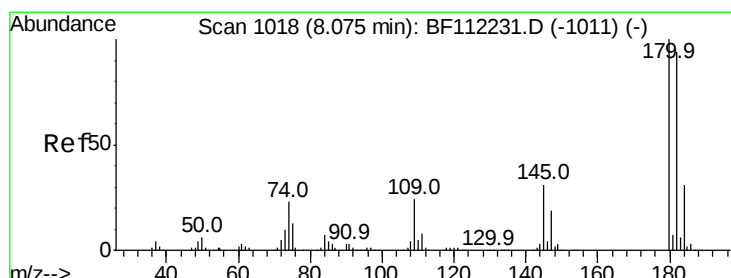
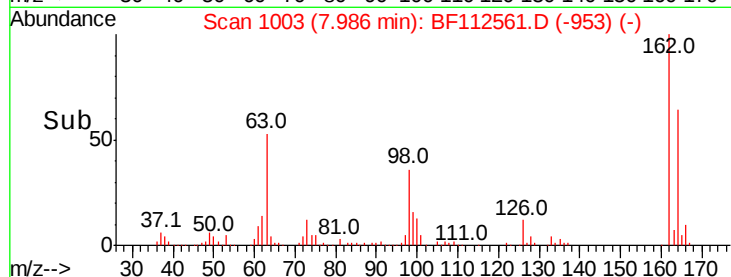
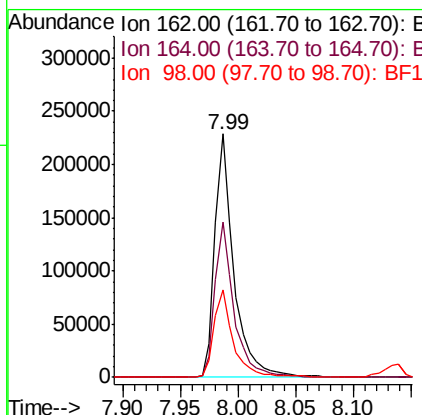
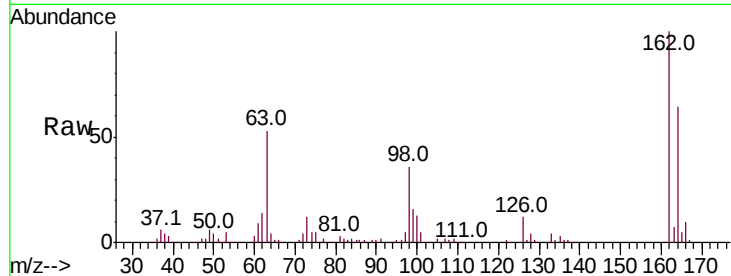
#29
 2,4-Dichlorophenol
 Concen: 41.287 ng
 RT: 7.99 min Scan# 1003
 Delta R.T. -0.01 min
 Lab File: BF112561.D
 Acq: 14 Feb 2019 12:13

Instrument :
 BNA_F
 ClientSampleId :
 PB117100BS

Tot Ion	Ratio	Resp Lower	Upper
162	100		
164	63.7	44.6	84.6
98	35.9	14.6	54.6

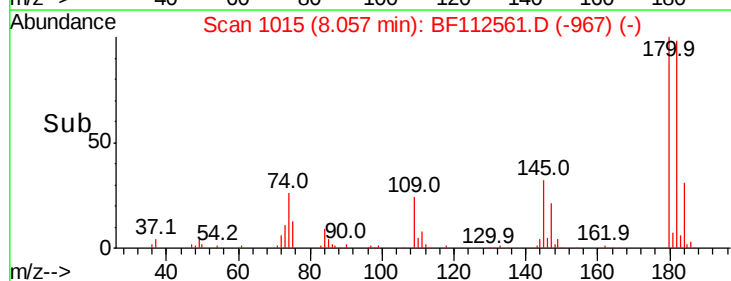
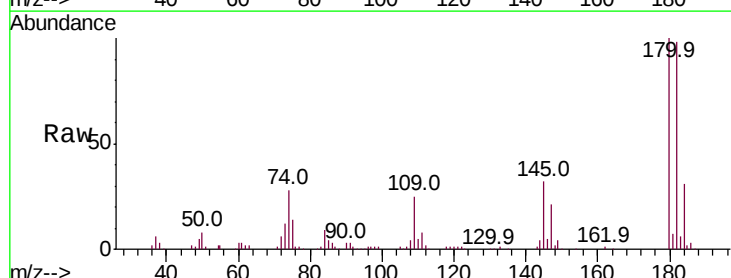
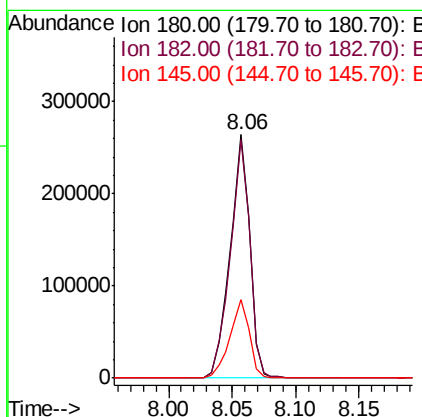
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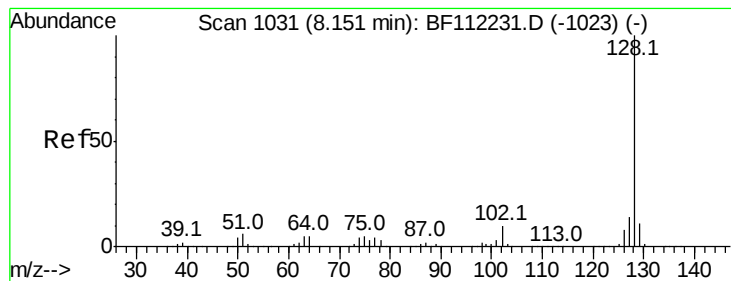
Sohil
 2/15/2019 4:52:57 PM



#30
 1,2,4-Trichlorobenzene
 Concen: 38.814 ng
 RT: 8.06 min Scan# 1015
 Delta R.T. -0.02 min
 Lab File: BF112561.D
 Acq: 14 Feb 2019 12:13

Tgt Ion	Ratio	Resp Lower	Upper
180	100		
182	97.7	76.4	114.6
145	32.2	25.0	37.4





#31

Naphthalene

Concen: 43.018 ng

RT: 8.14 min Scan# 1029

Delta R.T. -0.01 min

Lab File: BF112561.D

Acq: 14 Feb 2019 12:13

Instrument :

BNA_F

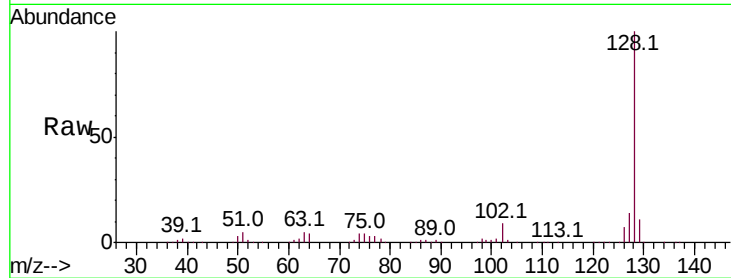
ClientSampled :

PB117100BS

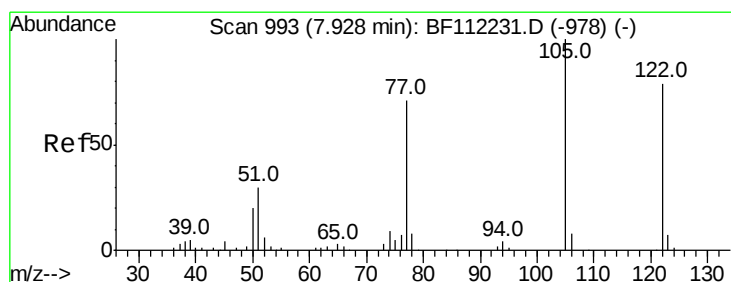
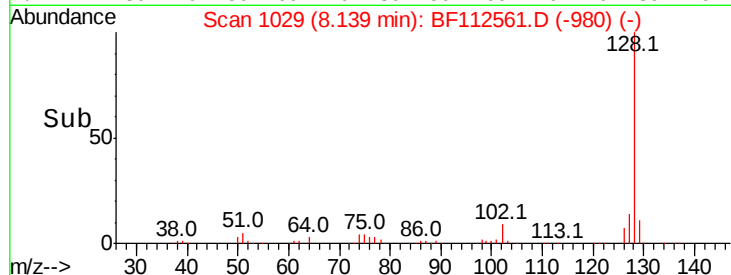
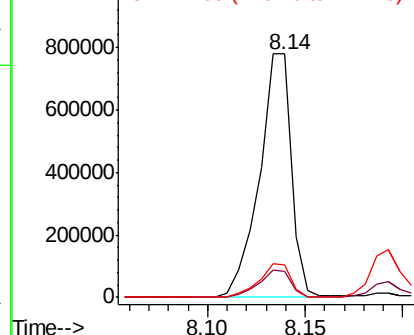
Tot Ion	Ratio	Lower	Upper
128	100		
129	10.7	9.6	14.4
127	13.5	11.1	16.7

Manual Integrations
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Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 48.485 ng

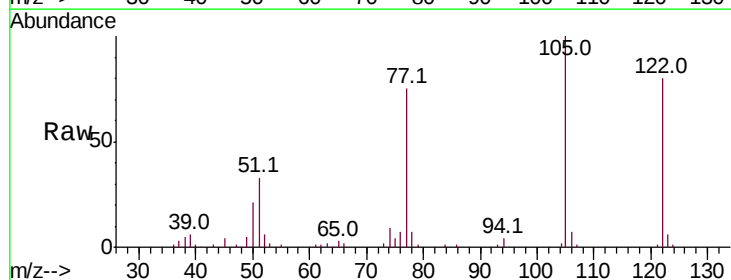
RT: 7.94 min Scan# 995

Delta R.T. 0.01 min

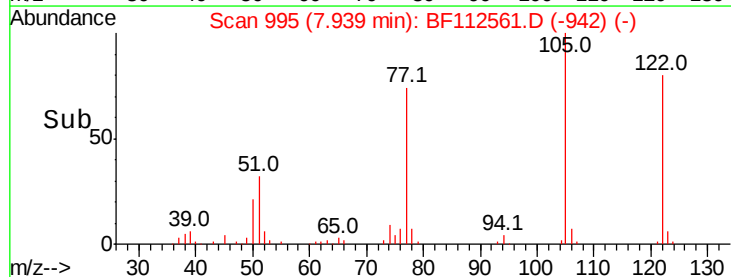
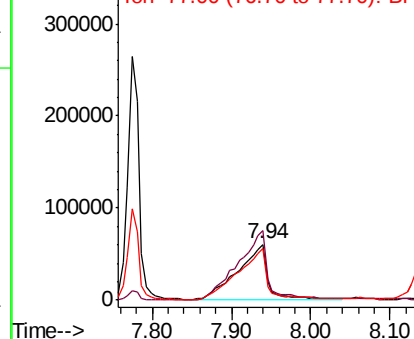
Lab File: BF112561.D

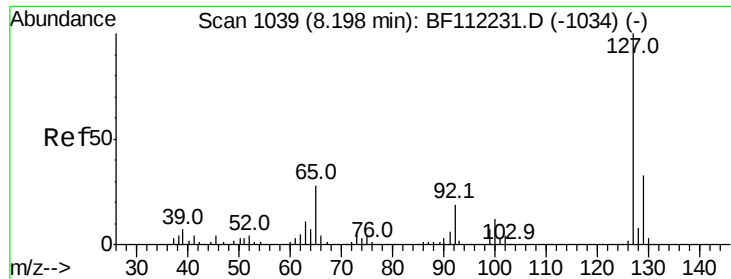
Acq: 14 Feb 2019 12:13

Tgt Ion	Ratio	Lower	Upper
122	100		
105	124.6	101.2	141.2
77	92.9	70.4	110.4



Abundance Ion 122.00 (121.70 to 122.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BF1





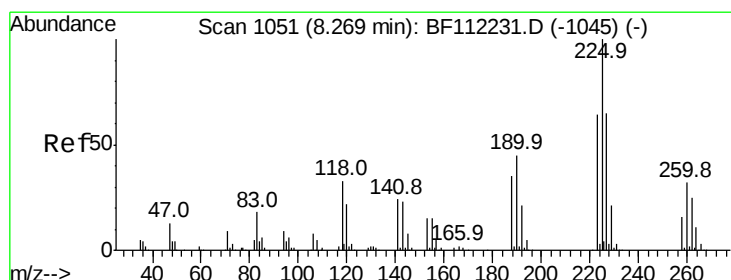
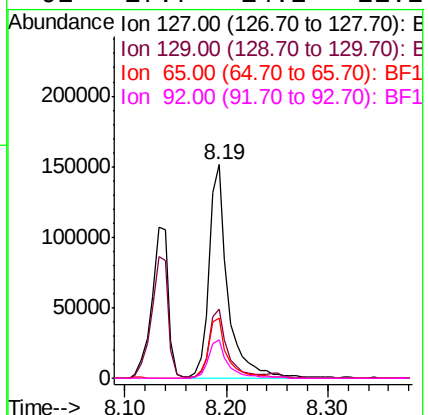
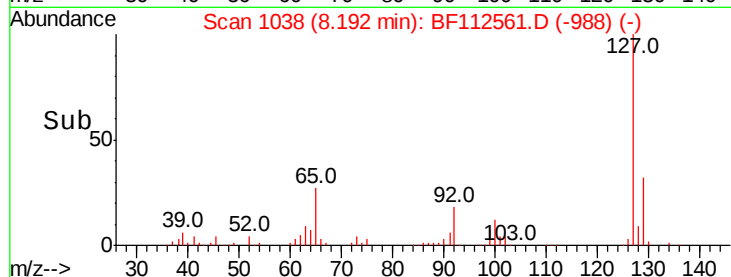
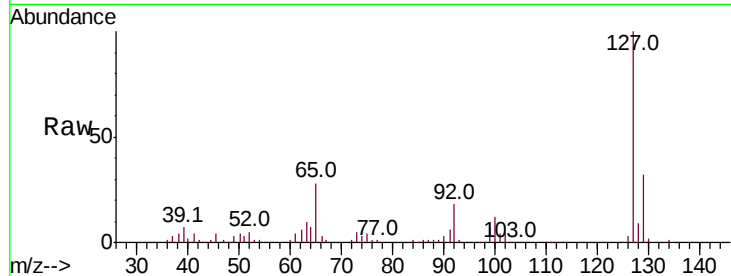
#33
4-Chloroaniline
Concen: 21.385 ng
RT: 8.19 min Scan# 1038
Delta R.T. -0.01 min
Lab File: BF112561.D
Acq: 14 Feb 2019 12:13

Instrument :
BNA_F
ClientSampleId :
PB117100BS

Tot Ion	Ratio	Lower	Upper
127	100		
129	32.4	26.6	39.8
65	28.2	21.4	32.2
92	17.7	14.2	21.2

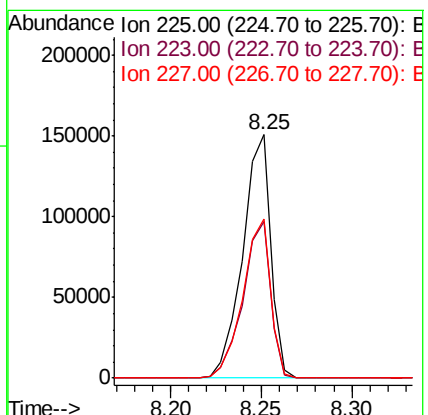
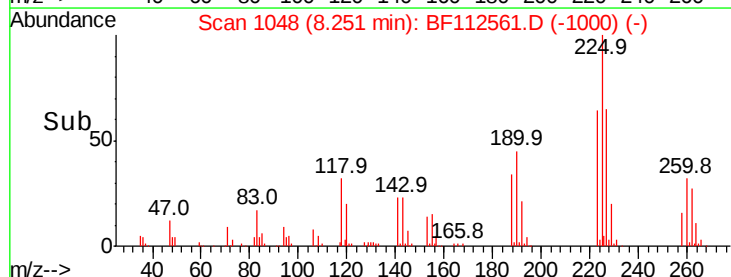
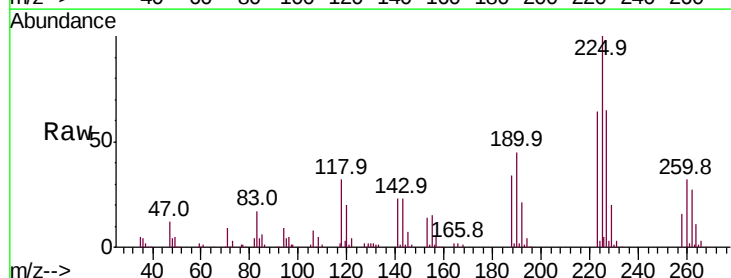
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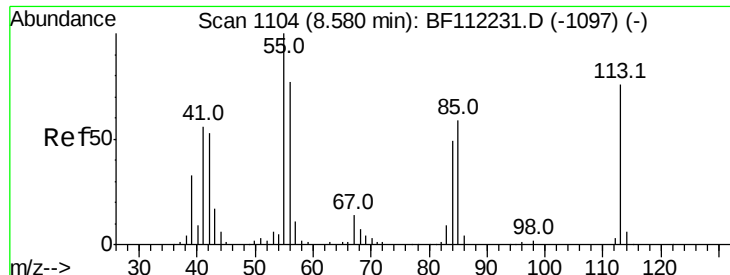
Sohil
2/15/2019 4:52:57 PM



#34
Hexachlorobutadiene
Concen: 37.940 ng
RT: 8.25 min Scan# 1048
Delta R.T. -0.02 min
Lab File: BF112561.D
Acq: 14 Feb 2019 12:13

Tgt Ion	Ratio	Lower	Upper
225	100		
223	64.2	50.3	75.5
227	65.2	51.8	77.8





#35

Caprolactam

Concen: 34.433 ng m

RT: 8.57 min Scan# 1102

Delta R.T. -0.01 min

Lab File: BF112561.D

Acq: 14 Feb 2019 12:13

Instrument :

BNA_F

ClientSampled :

PB117100BS

Tot Ion:113 Resp: 76989

Ion Ratio Lower Upper

113 100

55 140.2 121.6 161.6

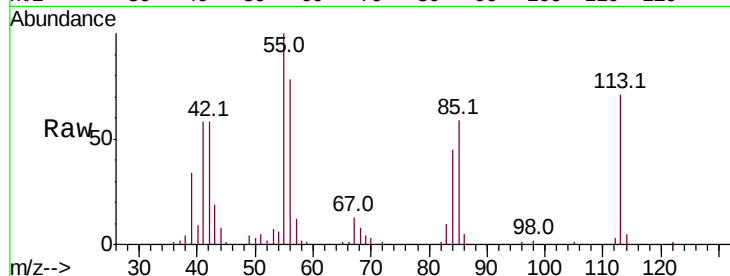
56 109.1 86.7 126.7

Manual Integrations

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Sohil

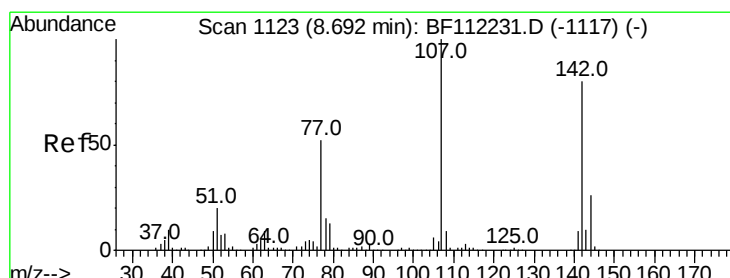
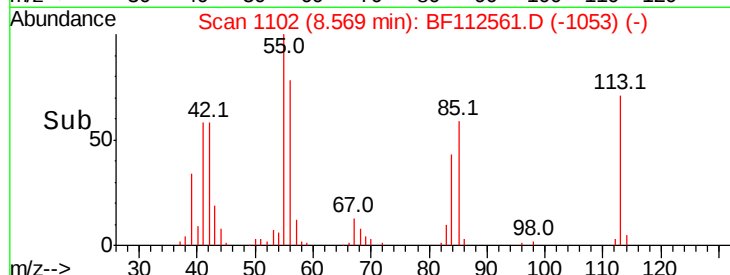
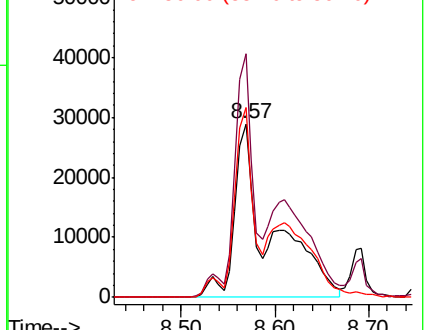
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Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF1

Ion 56.00 (55.70 to 56.70): BF1



#36

4-Chloro-3-methylphenol

Concen: 40.331 ng

RT: 8.69 min Scan# 1123

Delta R.T. 0.00 min

Lab File: BF112561.D

Acq: 14 Feb 2019 12:13

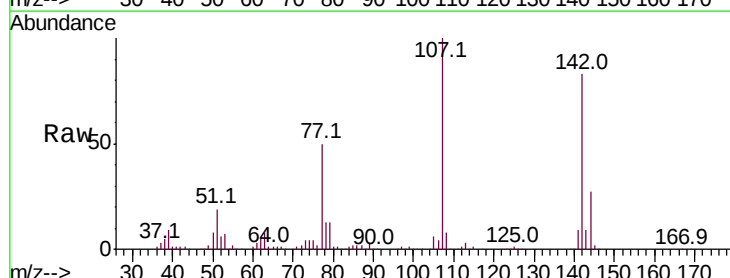
Tgt Ion:107 Resp: 270609

Ion Ratio Lower Upper

107 100

144 27.1 22.2 33.2

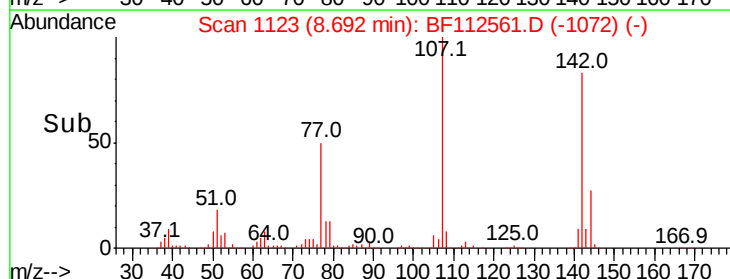
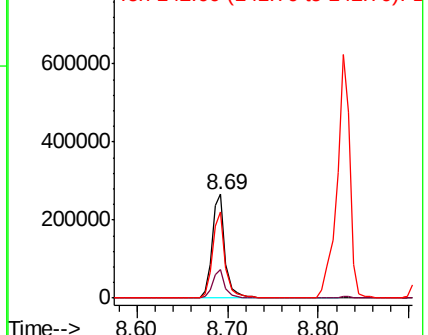
142 82.8 67.7 101.5

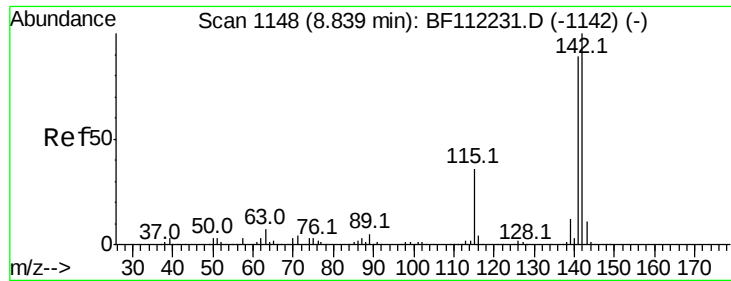


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





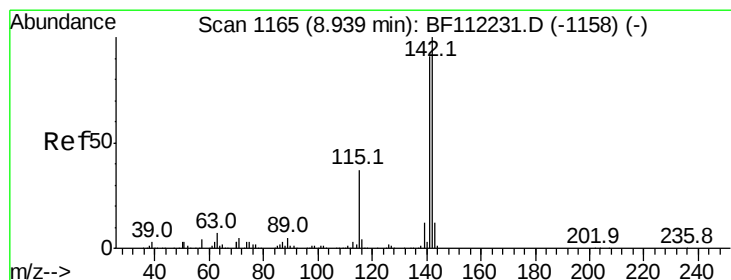
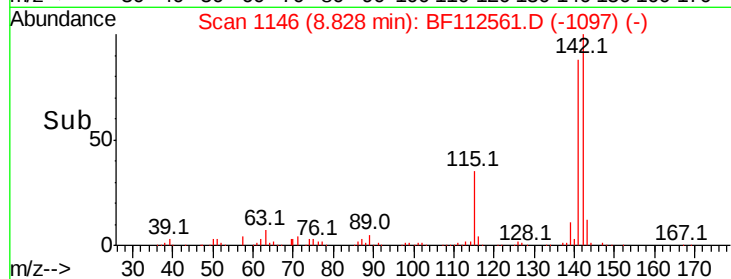
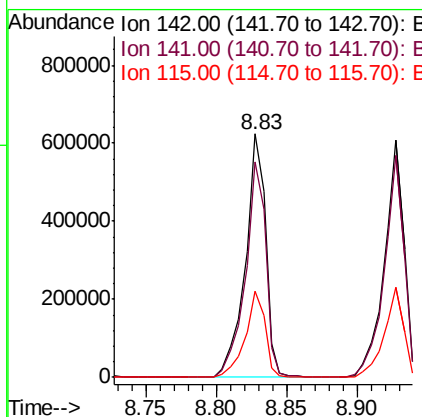
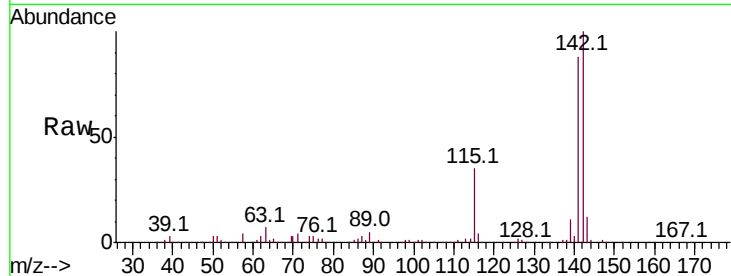
#37
2-Methylnaphthalene
Concen: 44.181 ng
RT: 8.83 min Scan# 1146
Delta R.T. -0.01 min
Lab File: BF112561.D
Acq: 14 Feb 2019 12:13

Instrument :
BNA_F
ClientSampleId :
PB117100BS

Tot Ion	Ratio	Resp	Lower	Upper
142	100	627703		
141	88.5	70.9	106.3	
115	35.5	24.9	37.3	

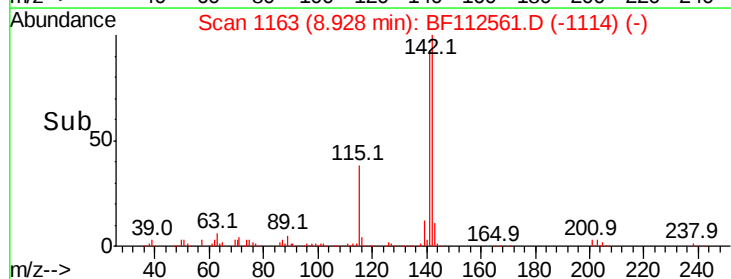
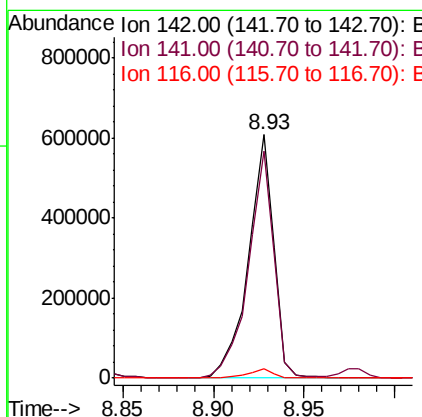
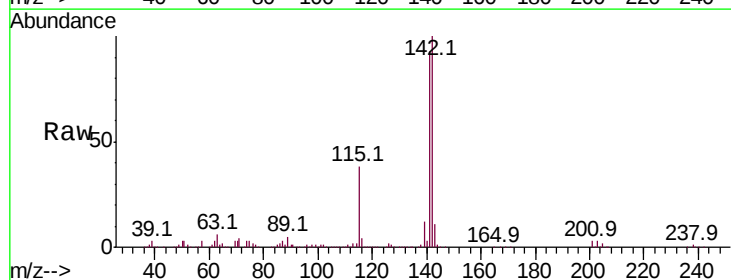
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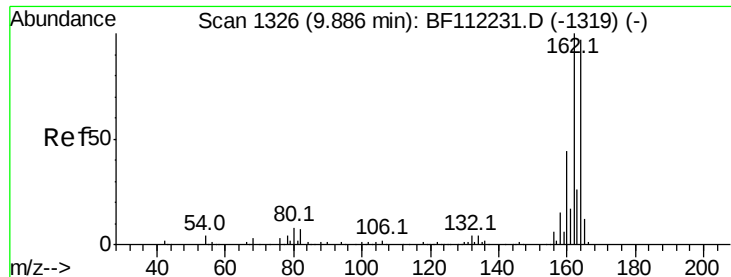
Sohil
2/15/2019 4:52:57 PM



#38
1-Methylnaphthalene
Concen: 43.179 ng
RT: 8.93 min Scan# 1163
Delta R.T. -0.01 min
Lab File: BF112561.D
Acq: 14 Feb 2019 12:13

Tgt Ion	Ratio	Resp	Lower	Upper
142	100	588003		
141	93.3	72.6	108.8	
116	3.8	2.8	4.2	





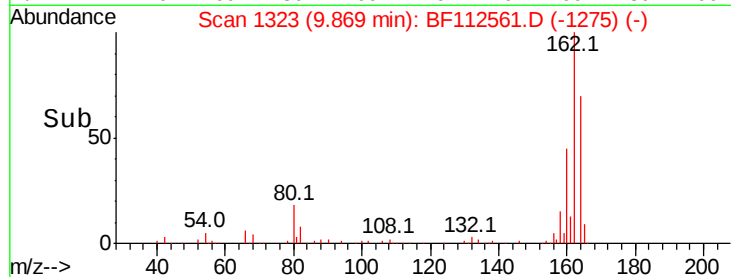
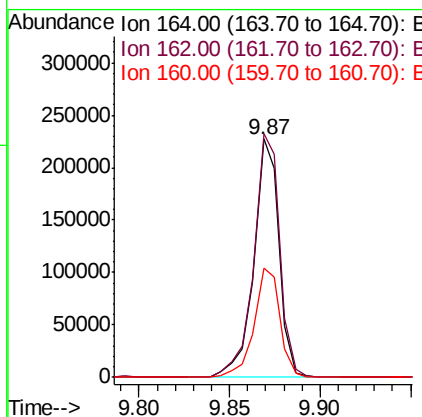
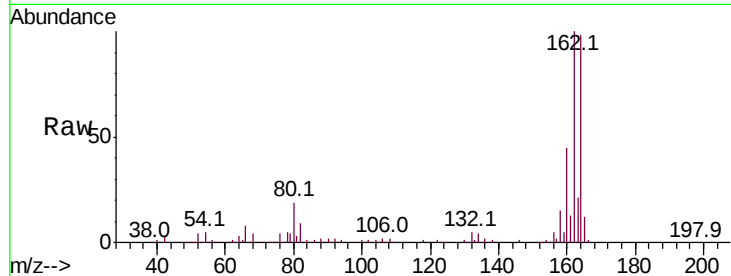
#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.87 min Scan# 1323
 Delta R.T. -0.02 min
 Lab File: BF112561.D
 Acq: 14 Feb 2019 12:13

Instrument :
 BNA_F
 ClientSampleId :
 PB117100BS

Tot Ion	Ratio	Lower	Upper
164	100		
162	102.2	82.2	123.4
160	45.7	36.2	54.4

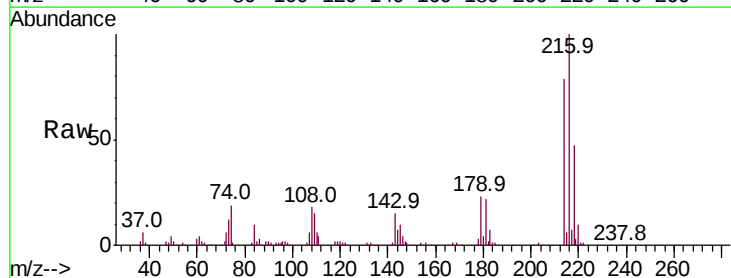
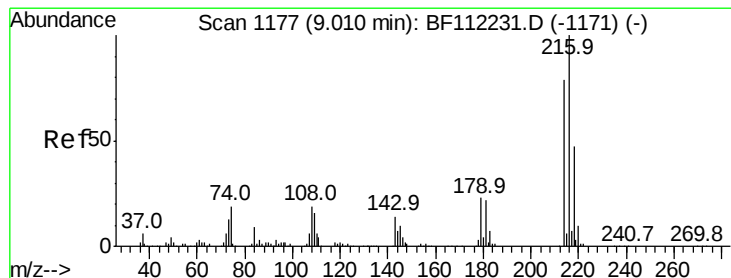
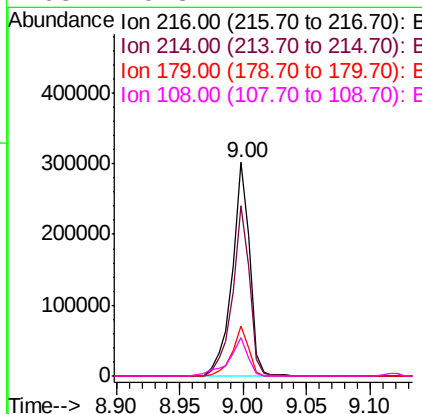
Manual Integrations
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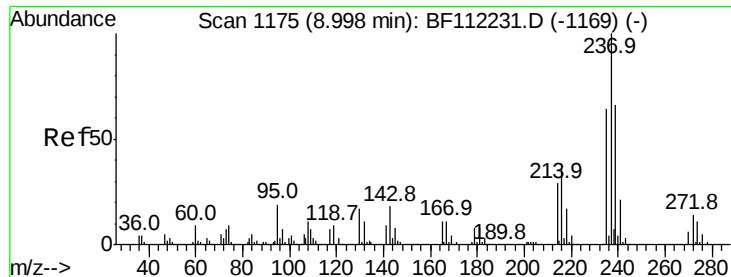
Sohil
 2/15/2019 4:52:57 PM



#40
 1,2,4,5-Tetrachlorobenzene
 Concen: 39.644 ng
 RT: 9.00 min Scan# 1175
 Delta R.T. -0.01 min
 Lab File: BF112561.D
 Acq: 14 Feb 2019 12:13

Tgt Ion	Ratio	Lower	Upper
216	100		
214	78.2	63.8	95.6
179	22.2	16.9	25.3
108	19.3	14.2	21.4





#41

Hexachlorocyclopentadiene

Concen: 61.275 ng

RT: 8.98 min Scan# 1172

Delta R.T. -0.02 min

Lab File: BF112561.D

Acq: 14 Feb 2019 12:13

Instrument :

BNA_F

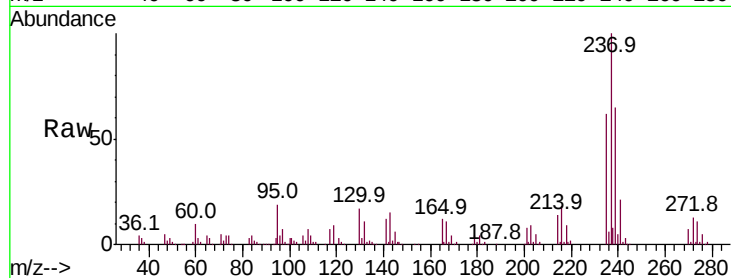
ClientSampleId :

PB117100BS

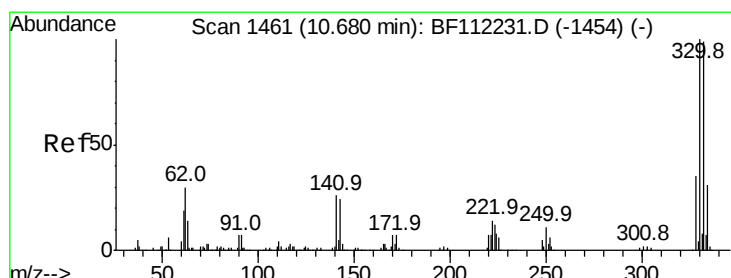
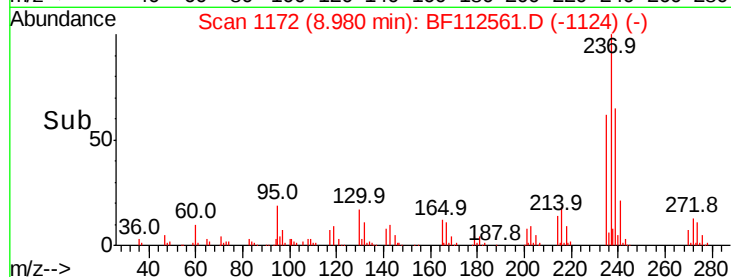
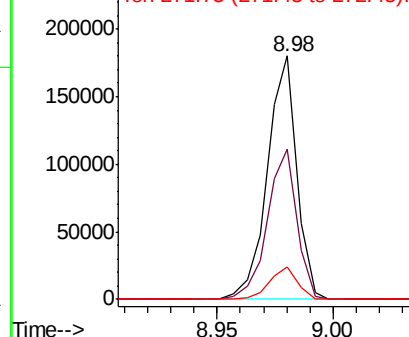
Tot Ion:	237	Resp:	159790
Ion Ratio	Lower	Upper	
237	100		
235	61.9	44.0	84.0
272	13.3	0.0	33.3

Manual Integrations
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2/15/2019 4:52:57 PM



Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E



#42

2,4,6-Tribromophenol

Concen: 138.479 ng

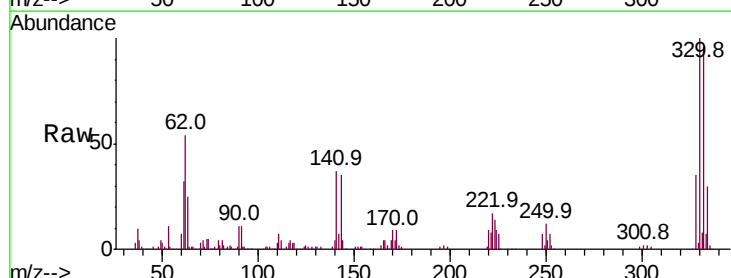
RT: 10.67 min Scan# 1459

Delta R.T. -0.01 min

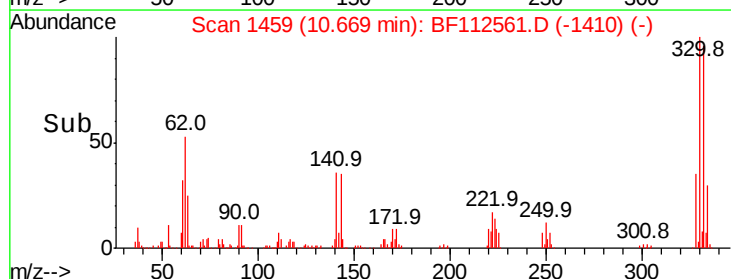
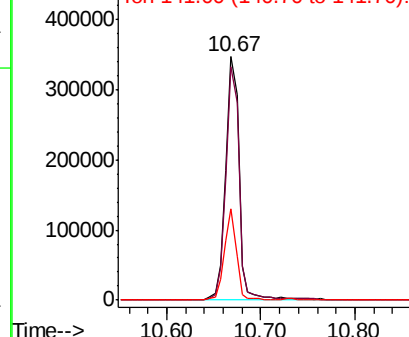
Lab File: BF112561.D

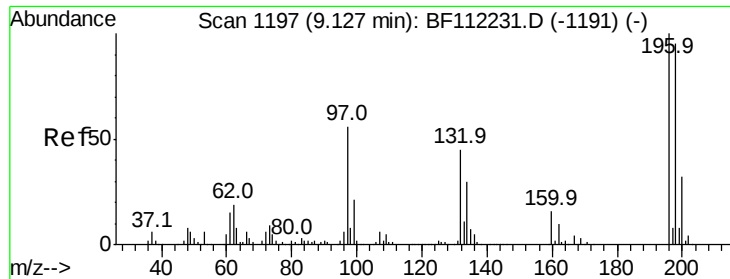
Acq: 14 Feb 2019 12:13

Tgt Ion:	330	Resp:	352303
Ion Ratio	Lower	Upper	
330	100		
332	95.7	76.6	114.8
141	33.2	24.3	36.5



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





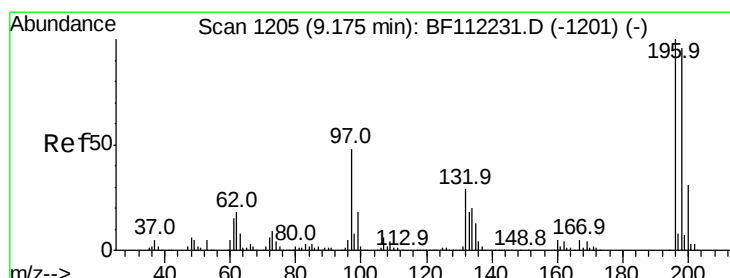
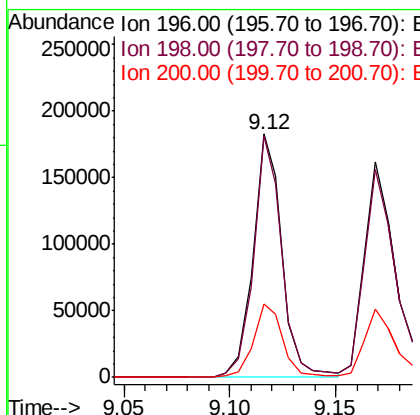
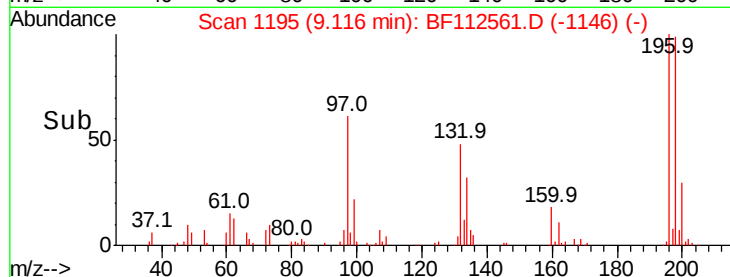
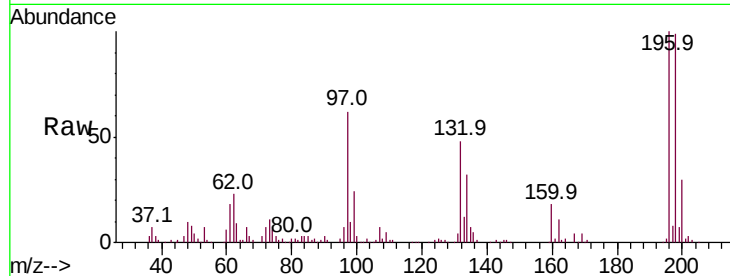
#43
 2,4,6-Trichlorophenol
 Concen: 39.194 ng
 RT: 9.12 min Scan# 1195
 Delta R.T. -0.01 min
 Lab File: BF112561.D
 Acq: 14 Feb 2019 12:13

Instrument :
 BNA_F
 ClientSampleId :
 PB117100BS

Tot Ion	Ratio	Resp	Lower	Upper
196	100	173377		
198	99.1	76.2	114.4	
200	30.3	24.3	36.5	

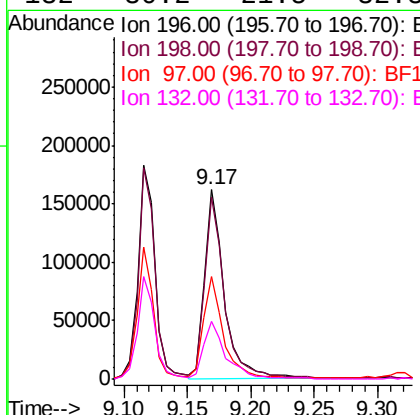
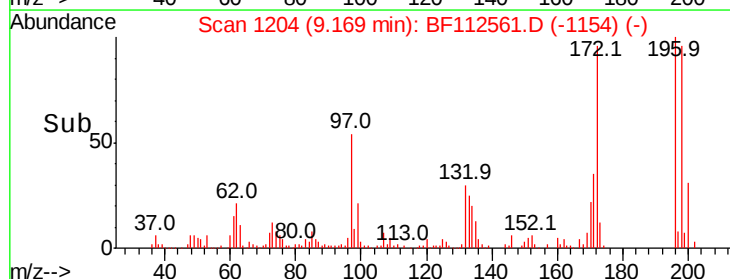
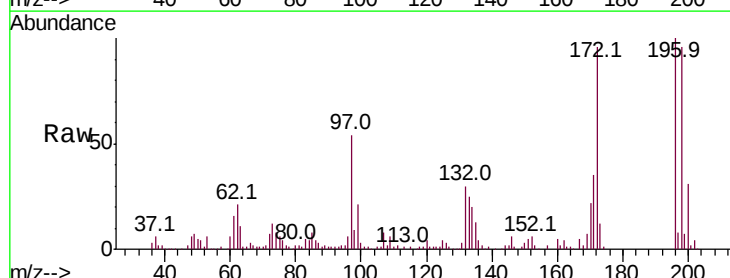
Manual Integrations
 APPROVED

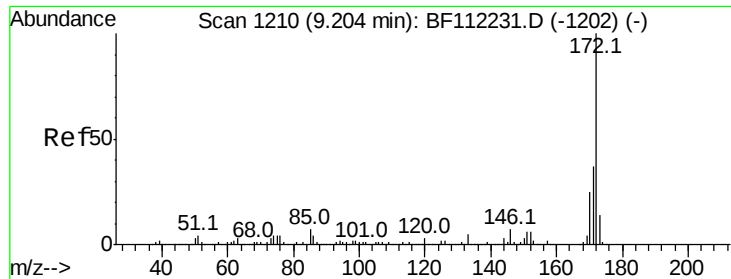
Sohil
 2/15/2019 4:52:57 PM



#44
 2,4,5-Trichlorophenol
 Concen: 38.132 ng
 RT: 9.17 min Scan# 1204
 Delta R.T. -0.01 min
 Lab File: BF112561.D
 Acq: 14 Feb 2019 12:13

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	176295		
198	96.0	76.0	114.0	
97	54.4	36.4	54.6	
132	30.2	21.5	32.3	





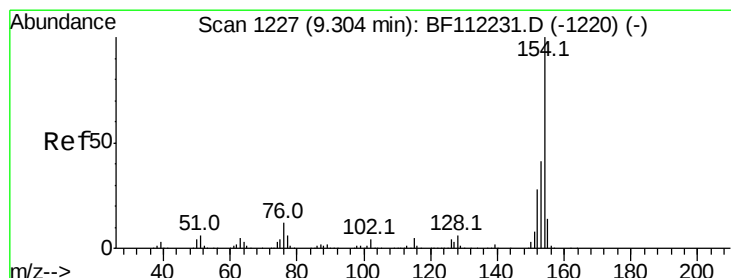
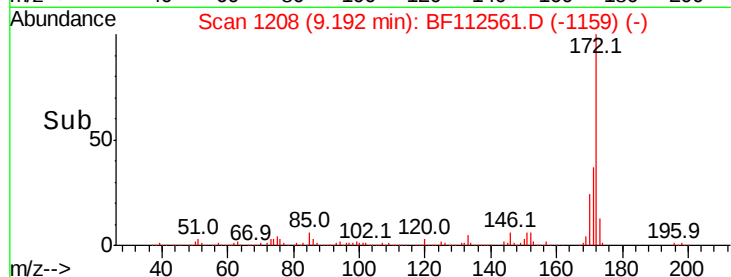
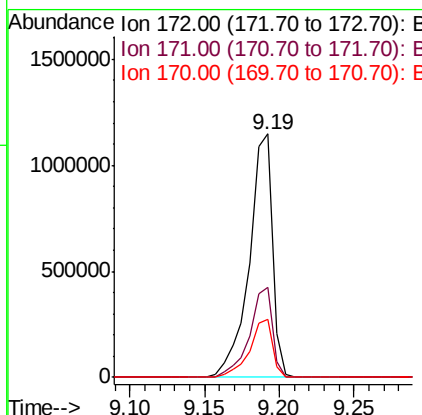
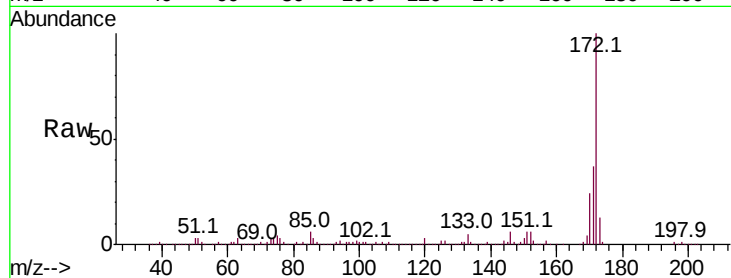
#45
2-Fluorobiphenyl
Concen: 80.031 ng
RT: 9.19 min Scan# 1208
Delta R.T. -0.01 min
Lab File: BF112561.D
Acq: 14 Feb 2019 12:13

Instrument :
BNA_F
ClientSampleId :
PB117100BS

Tot Ion	Ratio	Lower	Upper
172	100		
171	36.8	30.5	45.7
170	23.9	20.2	30.4

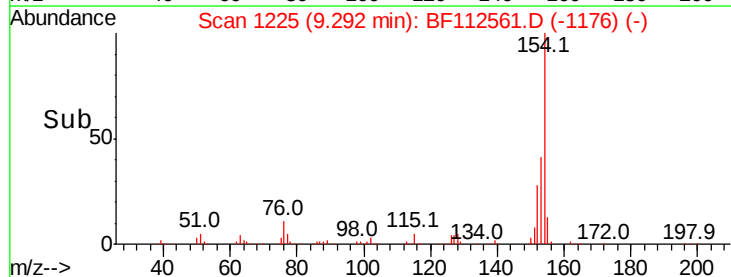
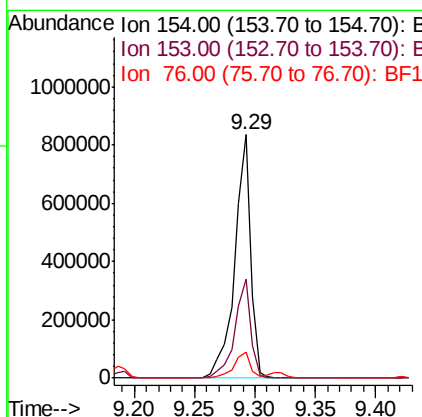
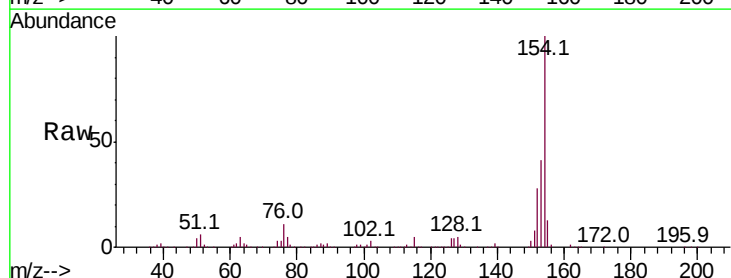
Manual Integrations
APPROVED

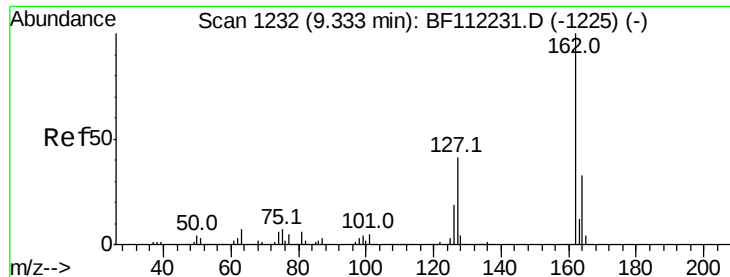
Sohil
2/15/2019 4:52:57 PM



#46
1,1'-Biphenyl
Concen: 40.381 ng
RT: 9.29 min Scan# 1225
Delta R.T. -0.01 min
Lab File: BF112561.D
Acq: 14 Feb 2019 12:13

Tgt Ion	Ratio	Lower	Upper
154	100		
153	40.7	21.5	61.5
76	10.7	0.0	33.1





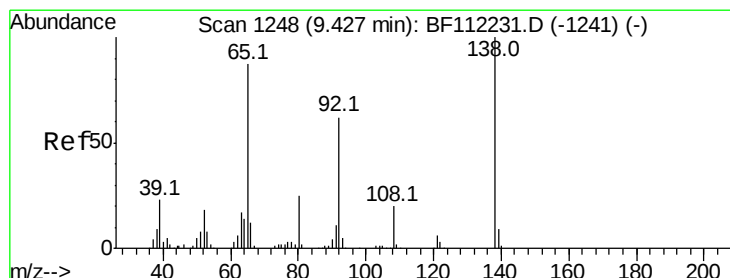
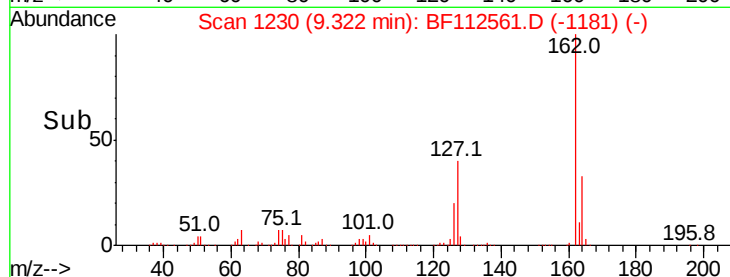
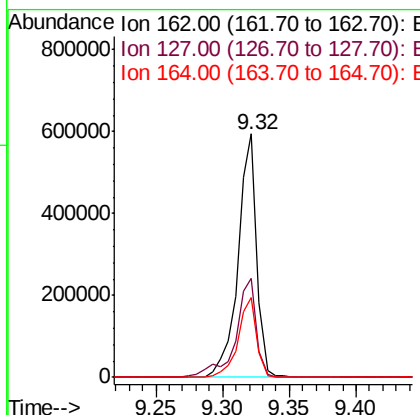
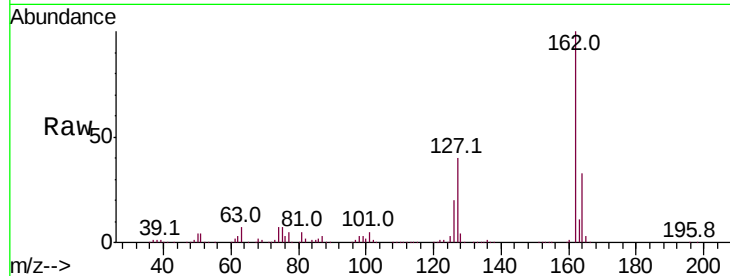
#47
2-Chloronaphthalene
Concen: 39.090 ng
RT: 9.32 min Scan# 1230
Delta R.T. -0.01 min
Lab File: BF112561.D
Acq: 14 Feb 2019 12:13

Instrument :
BNA_F
ClientSampleId :
PB117100BS

Tot Ion	Ratio	Resp Lower	Upper
162	100		
127	40.4	30.4	45.6
164	32.9	27.4	41.2

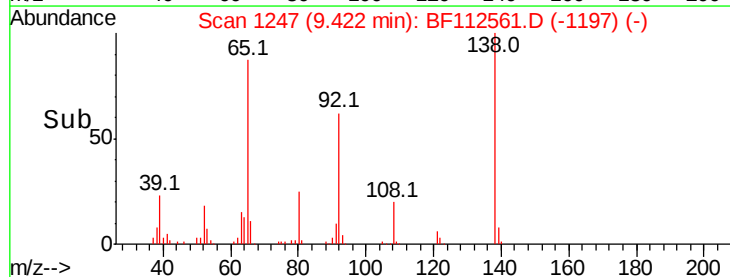
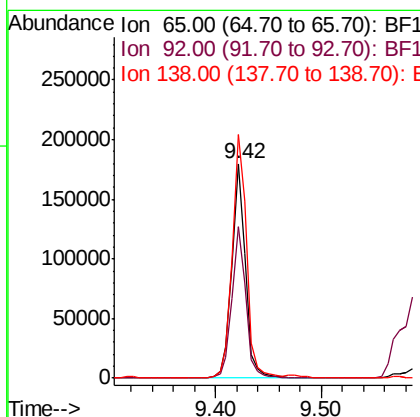
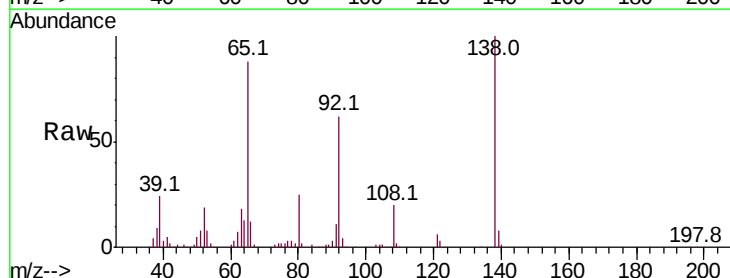
Manual Integrations
APPROVED

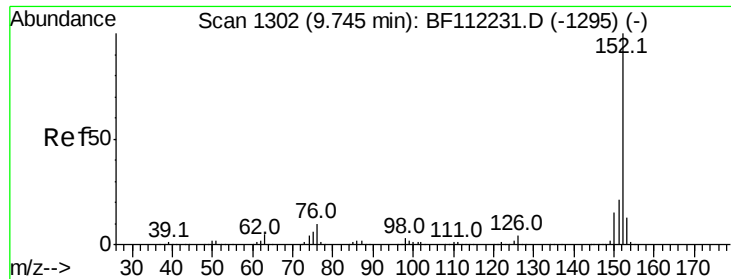
Sohil
2/15/2019 4:52:57 PM



#48
2-Nitroaniline
Concen: 39.584 ng
RT: 9.42 min Scan# 1247
Delta R.T. -0.01 min
Lab File: BF112561.D
Acq: 14 Feb 2019 12:13

Tgt Ion	Ratio	Resp Lower	Upper
65	100		
92	70.6	60.4	90.6
138	113.6	104.4	156.6





#49

Acenaphthylene

Concen: 42.035 ng

RT: 9.73 min Scan# 1300

Delta R.T. -0.01 min

Lab File: BF112561.D

Acq: 14 Feb 2019 12:13

Instrument :

BNA_F

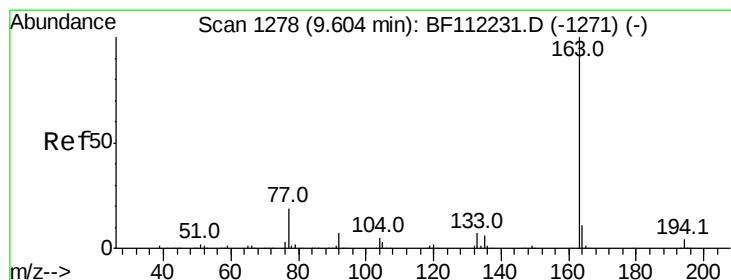
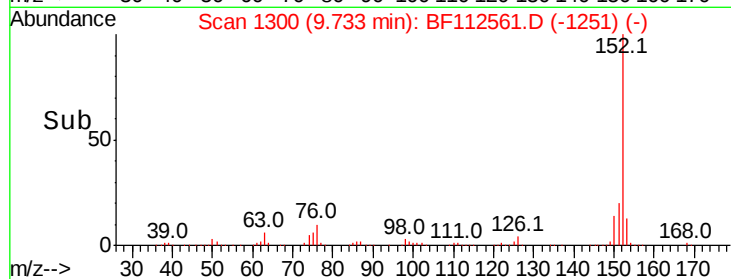
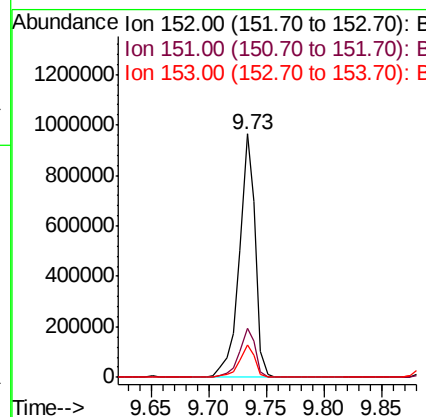
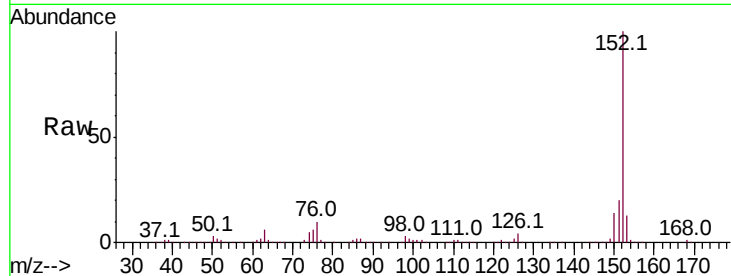
ClientSampleId :

PB117100BS

Tot Ion:	152	Resp:	912922
Ion Ratio	Lower	Upper	
152	100		
151	20.4	17.0	25.6
153	13.2	11.2	16.8

Manual Integrations
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Sohil
2/15/2019 4:52:57 PM



#50

Dimethylphthalate

Concen: 39.271 ng

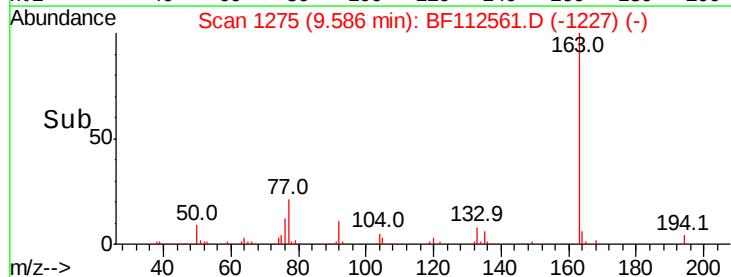
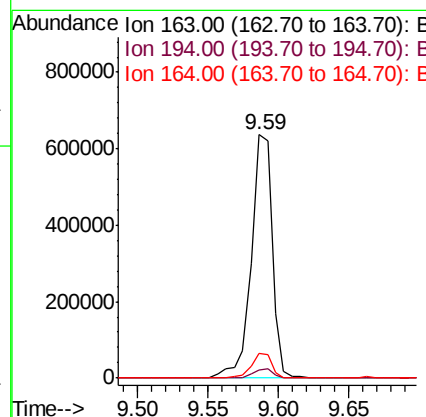
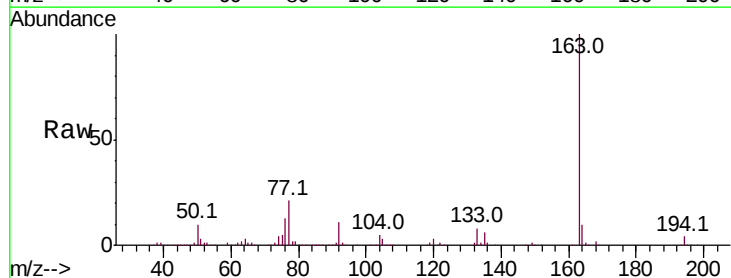
RT: 9.59 min Scan# 1275

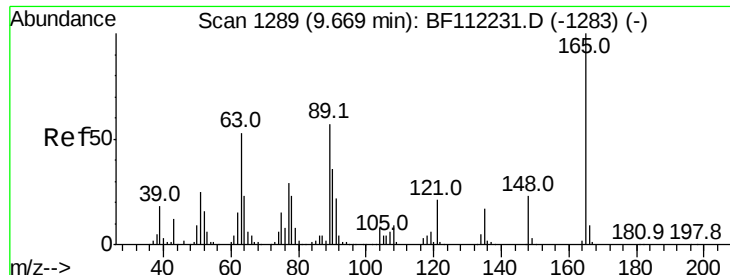
Delta R.T. -0.02 min

Lab File: BF112561.D

Acq: 14 Feb 2019 12:13

Tgt Ion:	163	Resp:	666890
Ion Ratio	Lower	Upper	
163	100		
194	3.5	3.3	4.9
164	10.3	8.5	12.7





#51

2,6-Dinitrotoluene

Concen: 39.375 ng

RT: 9.66 min Scan# 1288

Delta R.T. -0.01 min

Lab File: BF112561.D

Acq: 14 Feb 2019 12:13

Instrument :

BNA_F

ClientSampled :

PB117100BS

Tot Ion:165 Resp: 149754

Ion Ratio Lower Upper

165 100

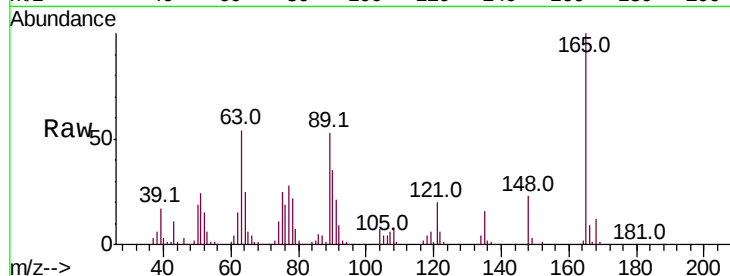
63 54.4 33.8 50.8#

89 52.8 36.9 55.3

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Sohil

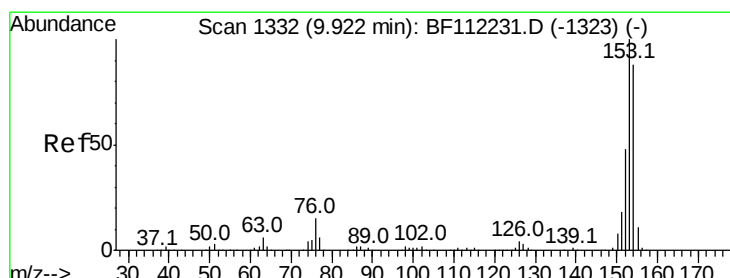
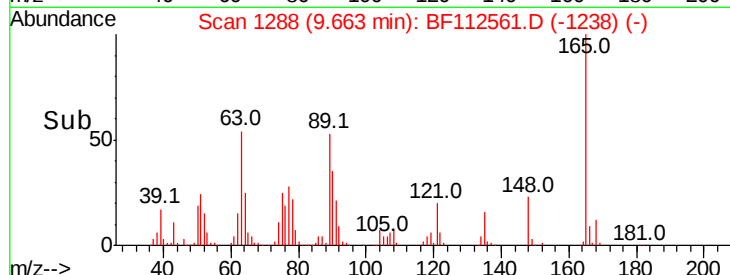
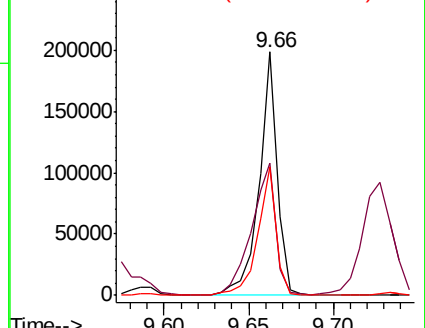
2/15/2019 4:52:57 PM



Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1



#52

Acenaphthene

Concen: 40.947 ng

RT: 9.90 min Scan# 1329

Delta R.T. -0.02 min

Lab File: BF112561.D

Acq: 14 Feb 2019 12:13

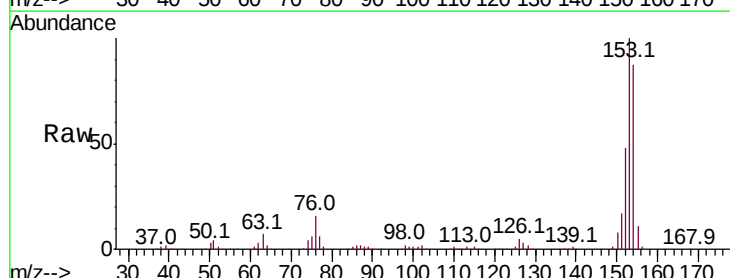
Tgt Ion:154 Resp: 531245

Ion Ratio Lower Upper

154 100

153 115.5 89.8 134.6

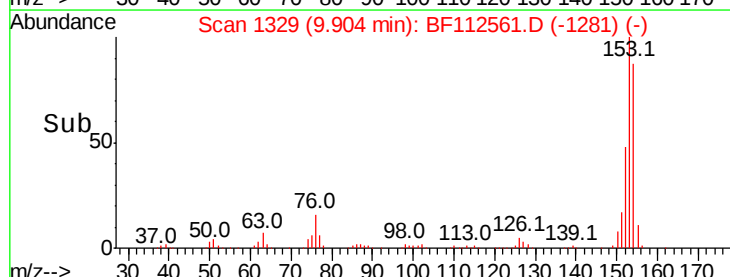
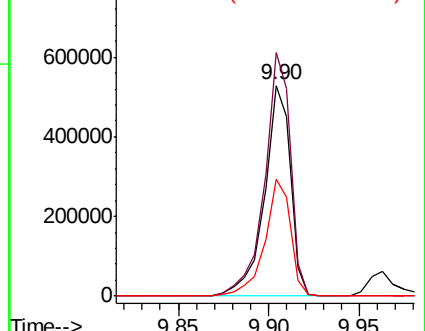
152 55.3 43.5 65.3

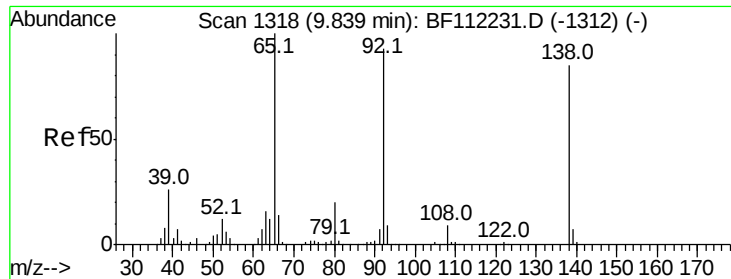


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E





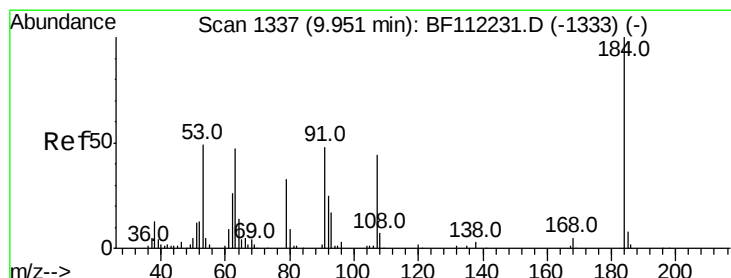
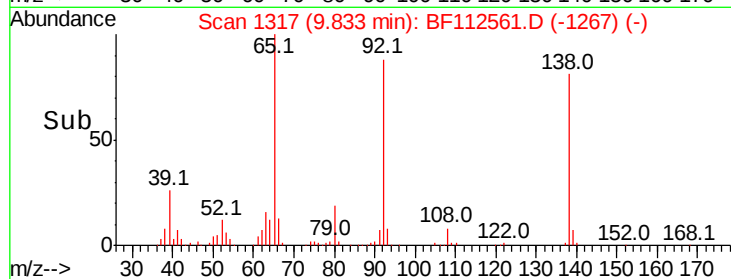
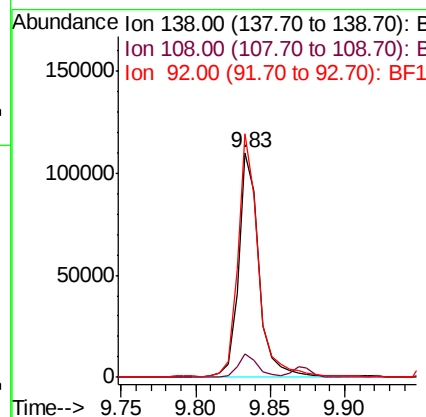
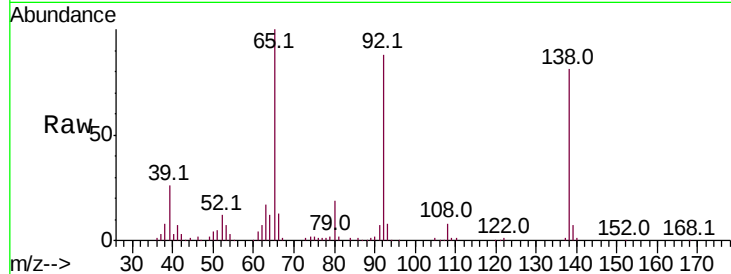
#53
3-Nitroaniline
Concen: 25.813 ng
RT: 9.83 min Scan# 1317
Delta R.T. -0.01 min
Lab File: BF112561.D
Acq: 14 Feb 2019 12:13

Instrument :
BNA_F
ClientSampleId :
PB117100BS

Tot Ion	Ratio	Lower	Upper
138	100		
108	10.4	9.8	14.6
92	108.5	79.4	119.2

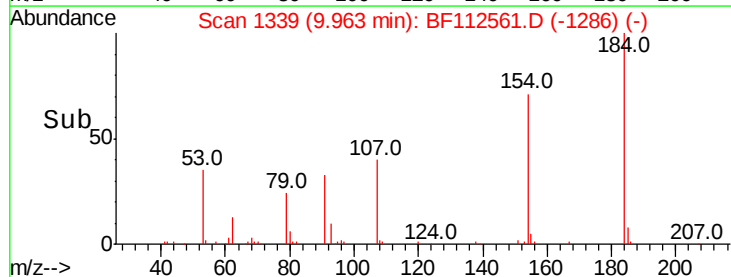
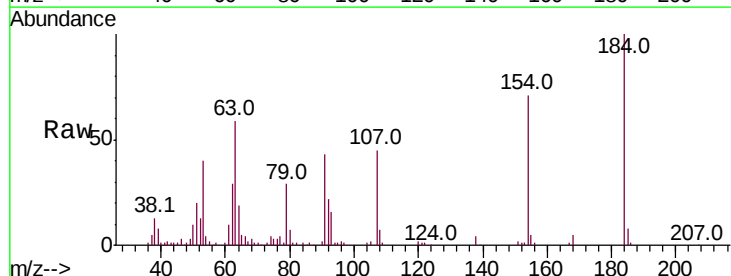
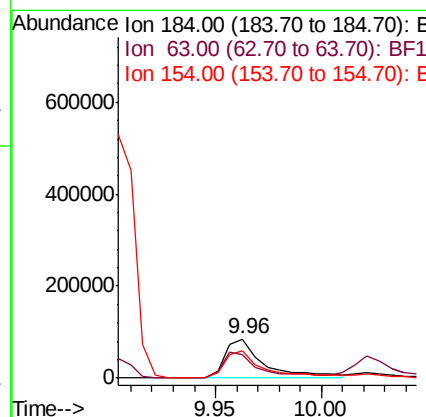
Manual Integrations
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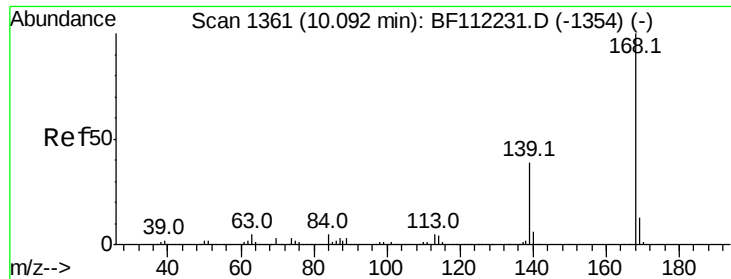
Sohil
2/15/2019 4:52:57 PM



#54
2,4-Dinitrophenol
Concen: 89.385 ng
RT: 9.96 min Scan# 1339
Delta R.T. 0.01 min
Lab File: BF112561.D
Acq: 14 Feb 2019 12:13

Tgt Ion	Ratio	Lower	Upper
184	100		
63	58.7	47.1	70.7
154	70.9	48.9	73.3





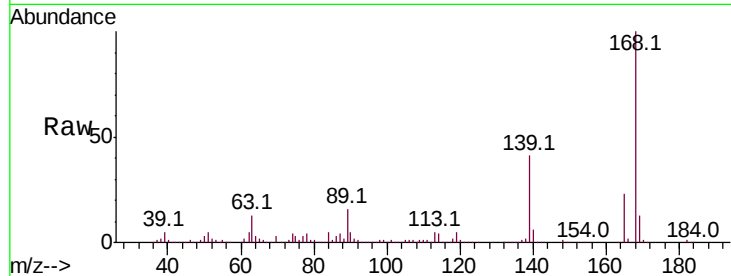
#55
Dibenzofuran
Concen: 39.789 ng
RT: 10.08 min Scan# 1359
Delta R.T. -0.01 min
Lab File: BF112561.D
Acq: 14 Feb 2019 12:13

Instrument :
BNA_F
ClientSampleId :
PB117100BS

Tot Ion	Ratio	Resp	Lower	Upper
168	100			
139	41.1	29.2	43.8	
169	13.2	11.4	17.0	

Manual Integrations
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2/15/2019 4:52:57 PM

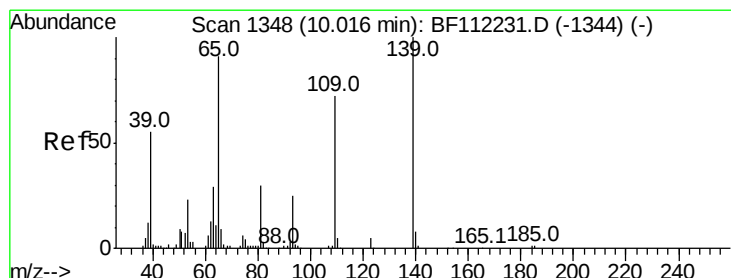
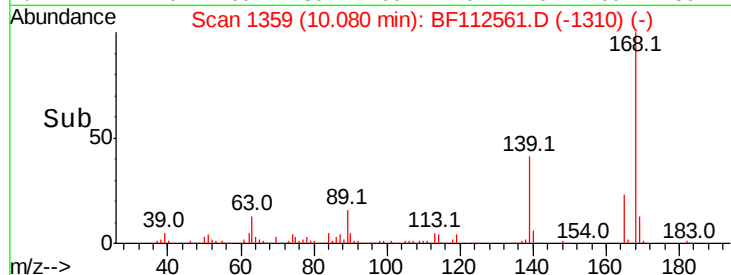
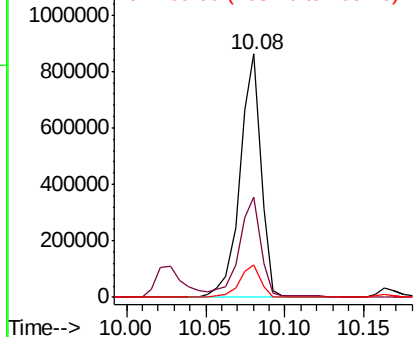


Abundance

Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



#56
4-Nitrophenol
Concen: 62.053 ng
RT: 10.03 min Scan# 1350
Delta R.T. 0.01 min
Lab File: BF112561.D
Acq: 14 Feb 2019 12:13

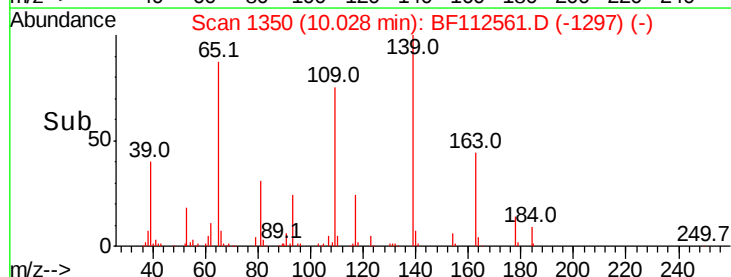
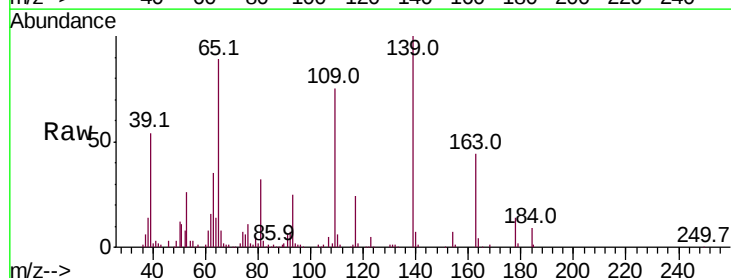
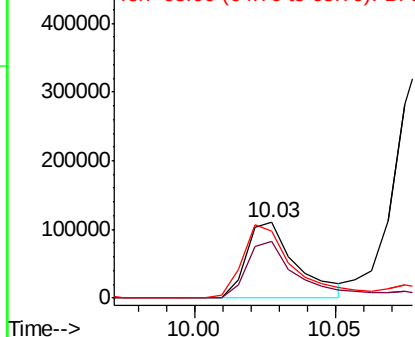
Tgt Ion	Ratio	Resp	Lower	Upper
139	100			
109	74.6	42.8	82.8	
65	89.1	66.1	106.1	

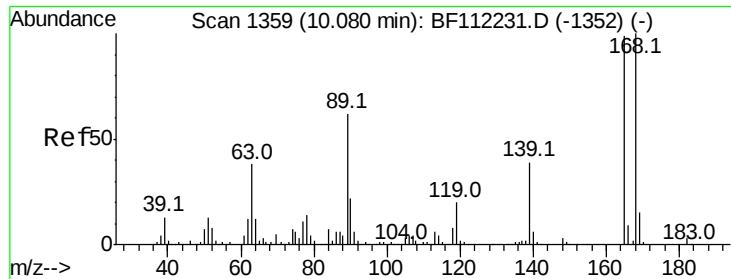
Abundance

Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF1





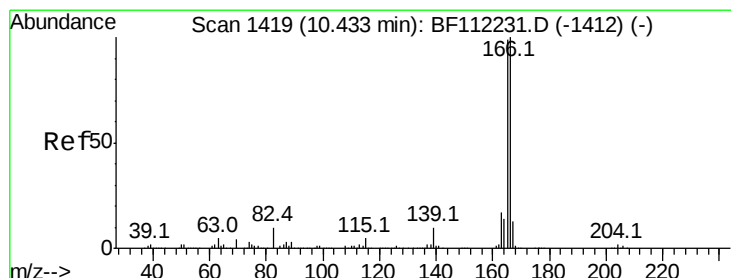
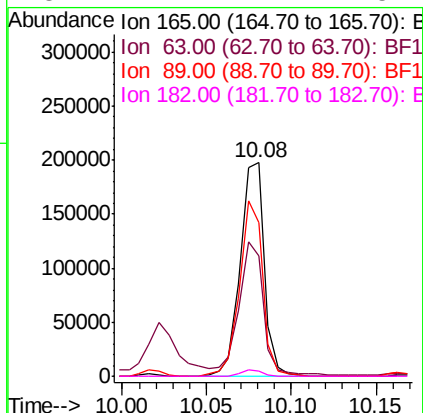
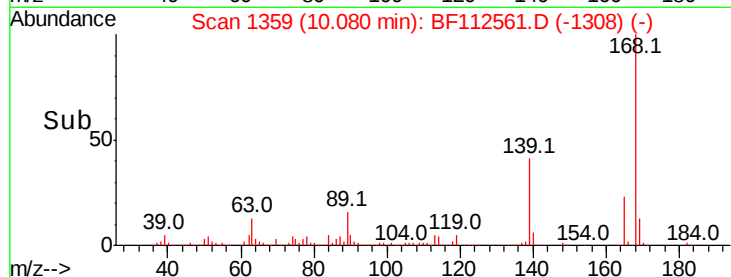
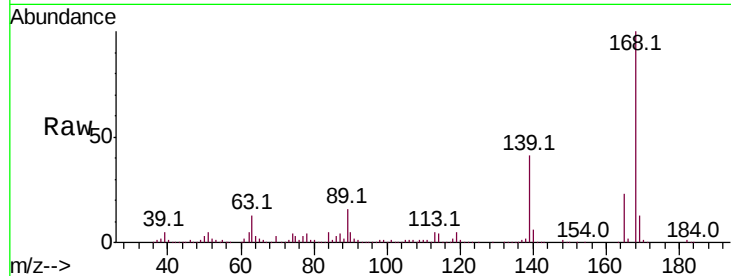
#57
2,4-Dinitrotoluene
Concen: 40.681 ng
RT: 10.08 min Scan# 1359
Delta R.T. 0.00 min
Lab File: BF112561.D
Acq: 14 Feb 2019 12:13

Instrument :
BNA_F
ClientSampleId :
PB117100BS

Tot Ion	Ratio	Resp	Lower	Upper
165	100			
63	56.6	27.9	41.9	
89	71.7	47.9	71.9	
182	2.7	2.2	3.4	

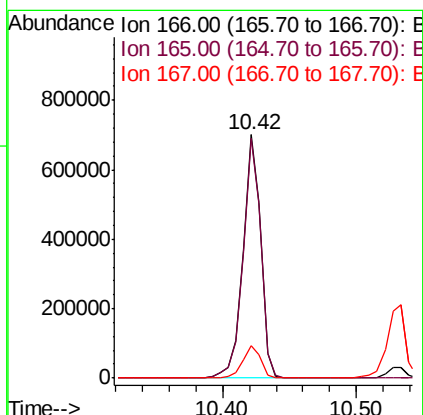
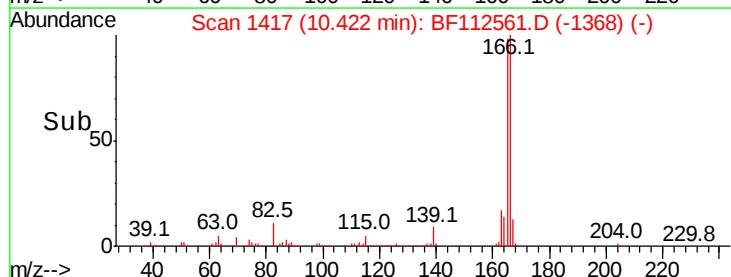
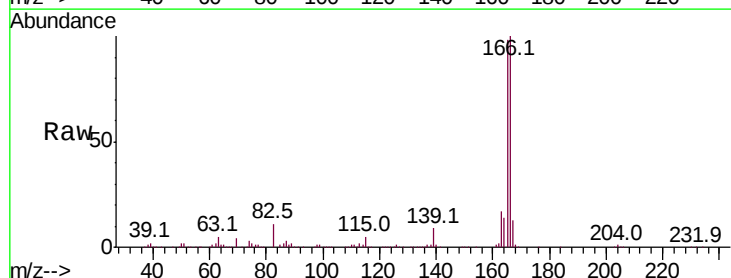
Manual Integrations
APPROVED

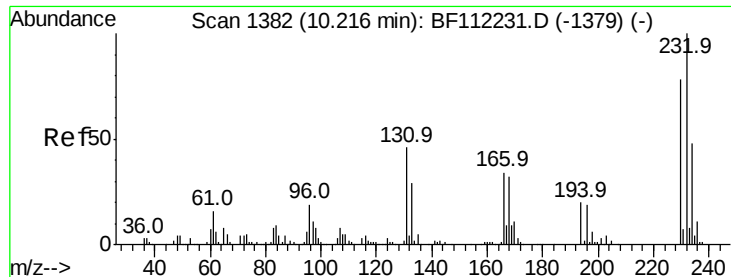
Sohil
2/15/2019 4:52:57 PM



#58
Fluorene
Concen: 43.330 ng
RT: 10.42 min Scan# 1417
Delta R.T. -0.01 min
Lab File: BF112561.D
Acq: 14 Feb 2019 12:13

Tgt Ion	Ratio	Resp	Lower	Upper
166	100			
165	98.4	77.1	115.7	
167	13.3	11.3	16.9	





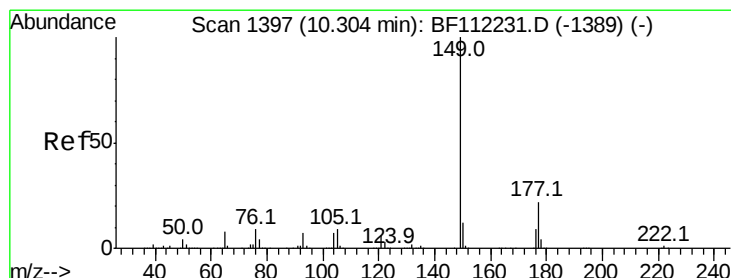
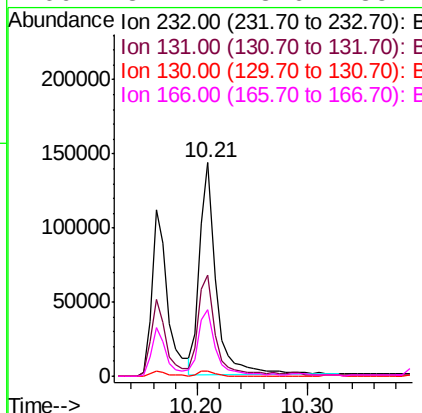
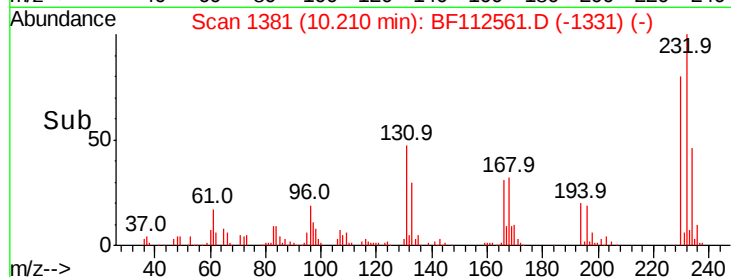
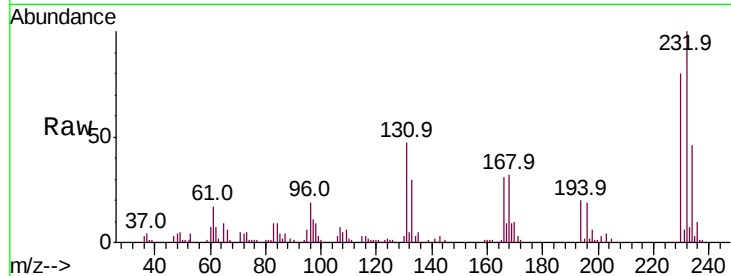
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 42.265 ng
 RT: 10.21 min Scan# 1381
 Delta R.T. -0.01 min
 Lab File: BF112561.D
 Acq: 14 Feb 2019 12:13

Instrument :
 BNA_F
 ClientSampleId :
 PB117100BS

Tot Ion	Ratio	Resp	Lower	Upper
232	100	147667		
131	46.4	33.9	50.9	
130	2.6	1.8	2.6	
166	31.1	23.6	35.4	

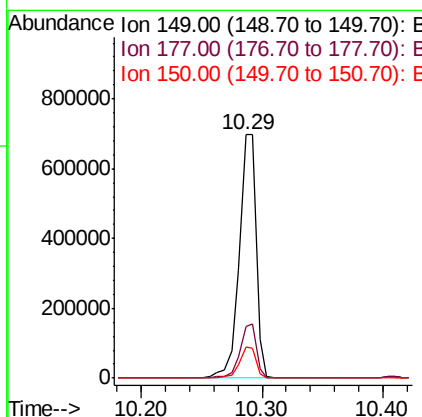
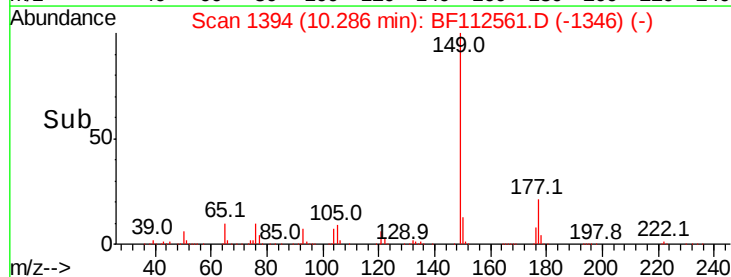
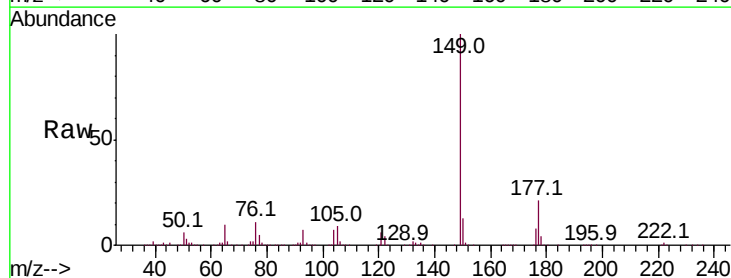
Manual Integrations
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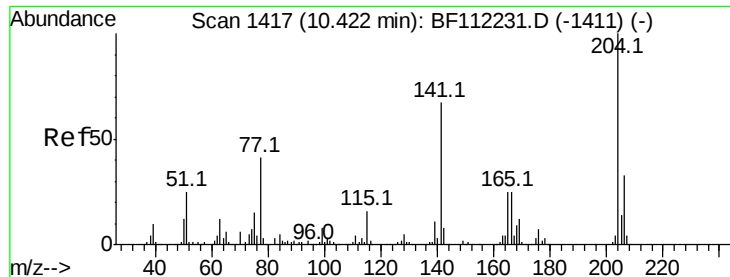
Sohil
 2/15/2019 4:52:57 PM



#60
 Diethylphthalate
 Concen: 40.823 ng
 RT: 10.29 min Scan# 1394
 Delta R.T. -0.02 min
 Lab File: BF112561.D
 Acq: 14 Feb 2019 12:13

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	687963		
177	21.2	18.2	27.2	
150	12.8	10.4	15.6	





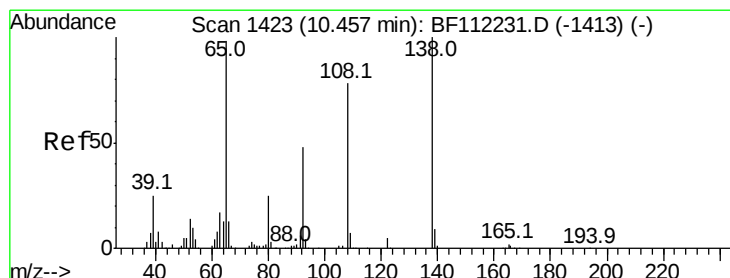
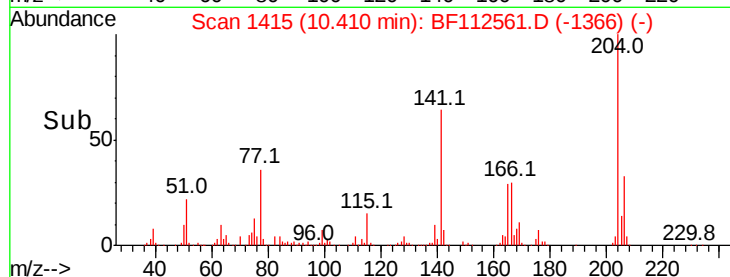
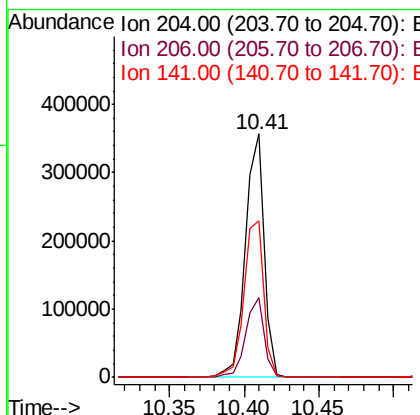
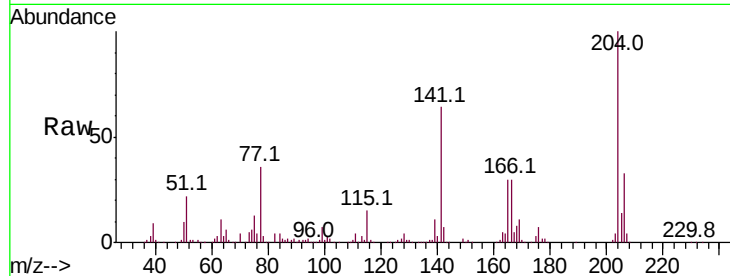
#61
4-Chlorophenyl-phenylether
Concen: 38.598 ng
RT: 10.41 min Scan# 1415
Delta R.T. -0.01 min
Lab File: BF112561.D
Acq: 14 Feb 2019 12:13

Instrument :
BNA_F
ClientSampleId :
PB117100BS

Tot Ion	Ratio	Lower	Upper
204	100		
206	32.6	26.5	39.7
141	64.5	45.9	68.9

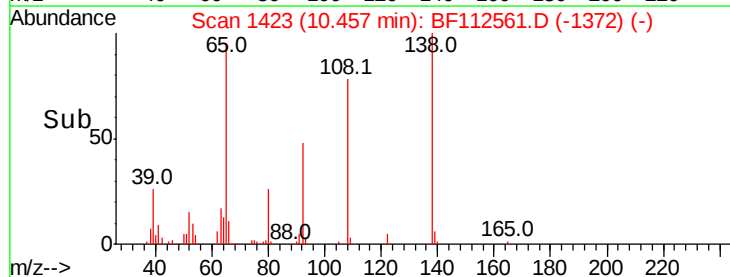
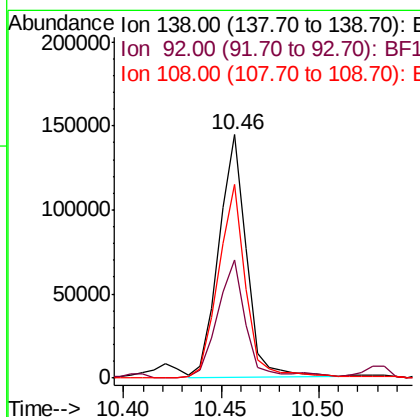
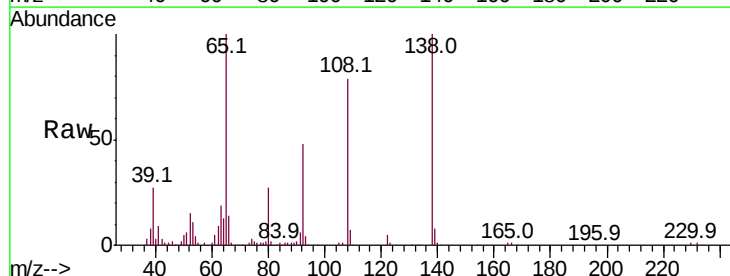
Manual Integrations
APPROVED

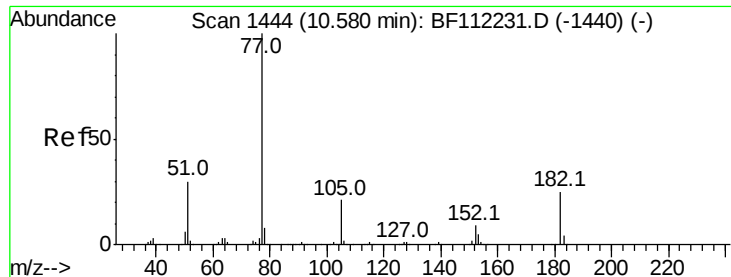
Sohil
2/15/2019 4:52:57 PM



#62
4-Nitroaniline
Concen: 34.756 ng
RT: 10.46 min Scan# 1423
Delta R.T. 0.00 min
Lab File: BF112561.D
Acq: 14 Feb 2019 12:13

Tgt Ion	Ratio	Lower	Upper
138	100		
92	48.7	30.6	70.6
108	79.6	50.0	90.0





#63

Azobenzene

Concen: 40.427 ng

RT: 10.57 min Scan# 1442

Delta R.T. -0.01 min

Lab File: BF112561.D

Acq: 14 Feb 2019 12:13

Instrument :

BNA_F

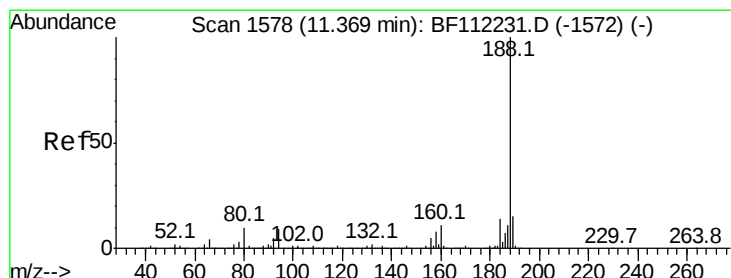
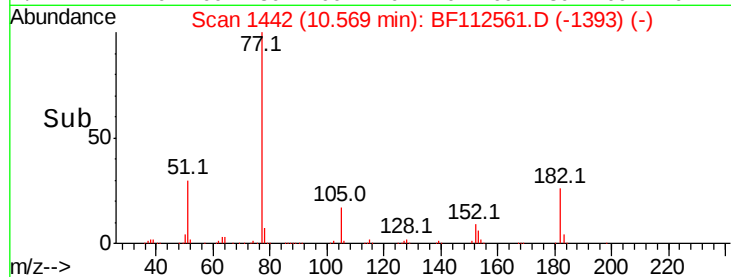
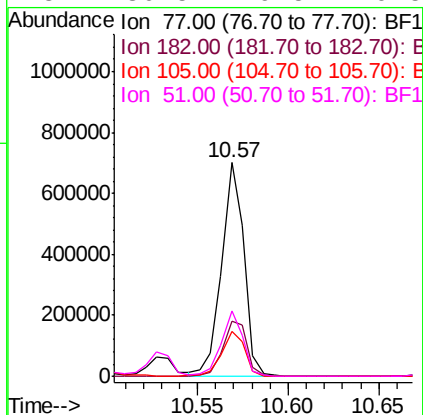
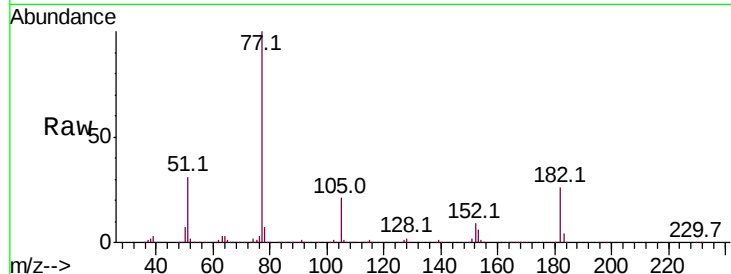
ClientSampleId :

PB117100BS

Tot Ion	Ratio	Resp	Lower	Upper
77	100			
182	25.6	5.7	45.7	
105	20.8	1.4	41.4	
51	30.5	9.5	49.5	

Manual Integrations
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#64

Phenanthrene-d10

Concen: 20.000 ng

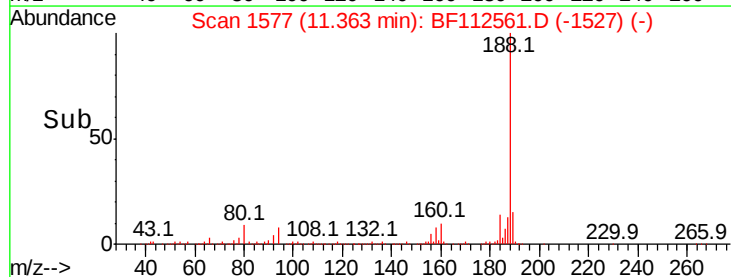
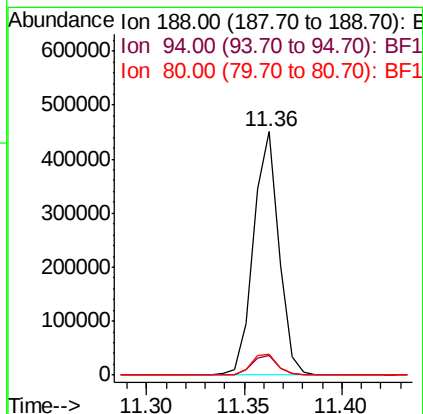
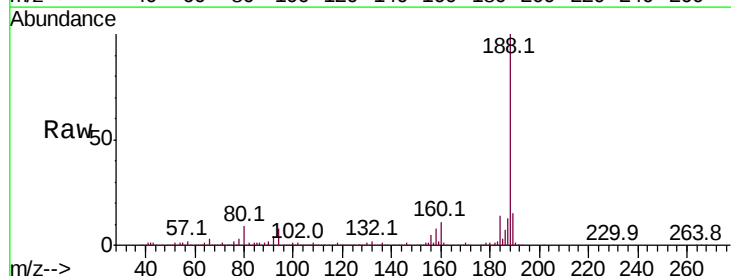
RT: 11.36 min Scan# 1577

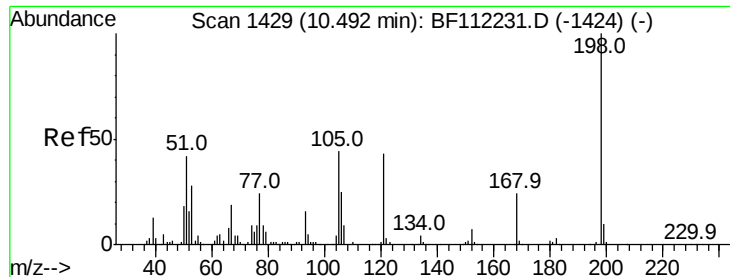
Delta R.T. -0.01 min

Lab File: BF112561.D

Acq: 14 Feb 2019 12:13

Tgt Ion	Ratio	Resp	Lower	Upper
188	100			
94	7.9	8.2	12.2#	
80	8.7	8.9	13.3#	





#65

4,6-Dinitro-2-methylphenol

Concen: 37.439 ng

RT: 10.50 min Scan# 1430

Delta R.T. 0.01 min

Lab File: BF112561.D

Acq: 14 Feb 2019 12:13

Instrument :

BNA_F

ClientSampled :

PB117100BS

Tot Ion:198 Resp: 84997

Ion Ratio Lower Upper

198 100

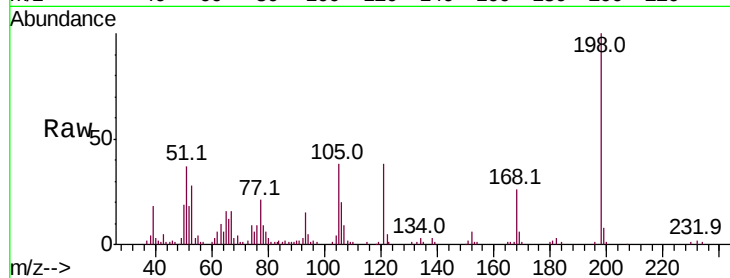
51 37.3 17.2 57.2

105 38.2 21.9 61.9

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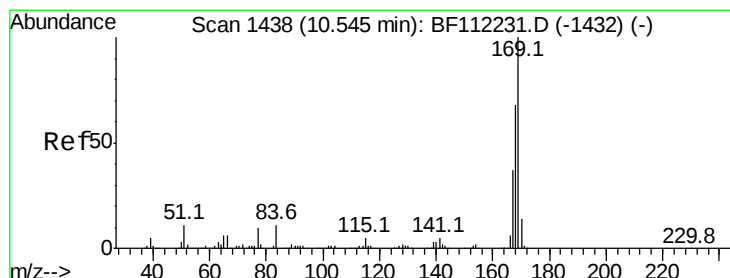
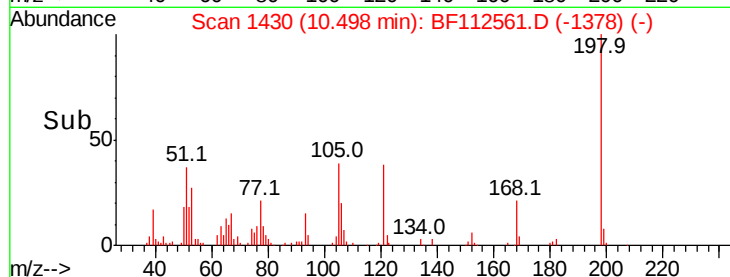
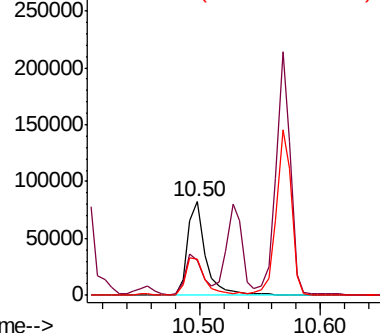
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Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF1

Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 41.056 ng

RT: 10.53 min Scan# 1436

Delta R.T. -0.01 min

Lab File: BF112561.D

Acq: 14 Feb 2019 12:13

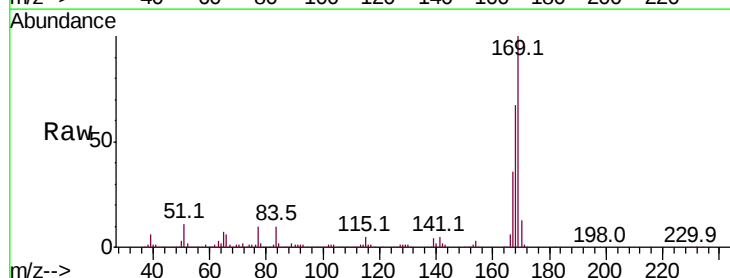
Tgt Ion:169 Resp: 560304

Ion Ratio Lower Upper

169 100

168 66.8 53.9 80.9

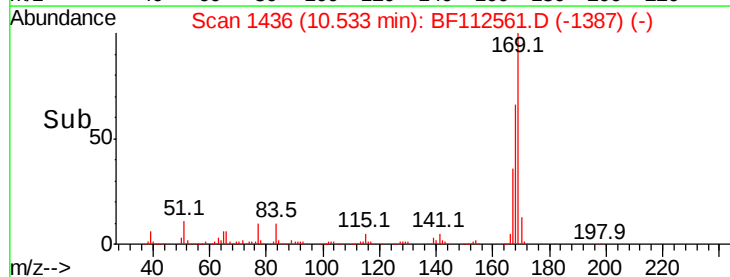
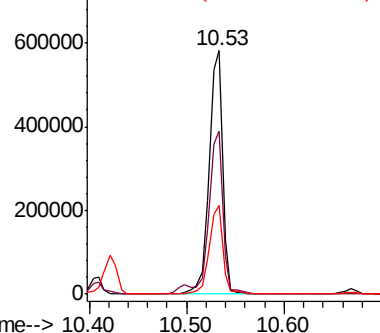
167 36.4 28.9 43.3

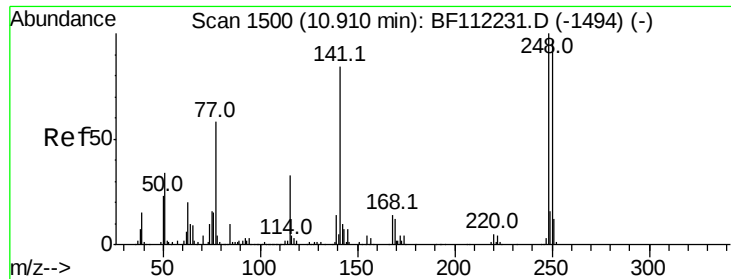


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E





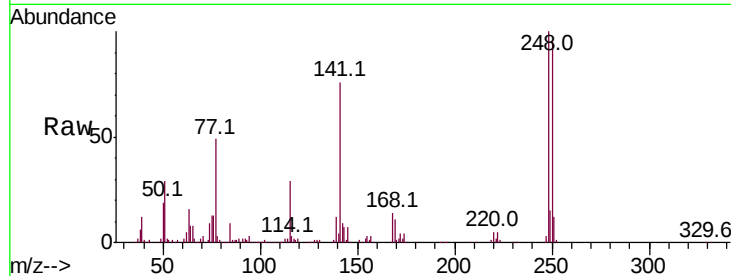
#67
4-Bromophenyl-phenylether
Concen: 39.875 ng
RT: 10.90 min Scan# 1498
Delta R.T. -0.01 min
Lab File: BF112561.D
Acq: 14 Feb 2019 12:13

Instrument :
BNA_F
ClientSampleId :
PB117100BS

Tot Ion	Ratio	Lower	Upper
248	100		
250	95.4	79.7	119.5
141	76.1	60.3	90.5

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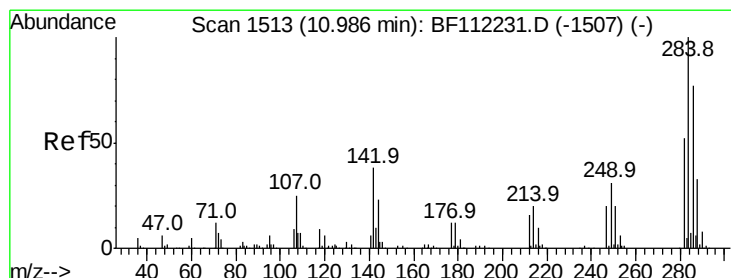
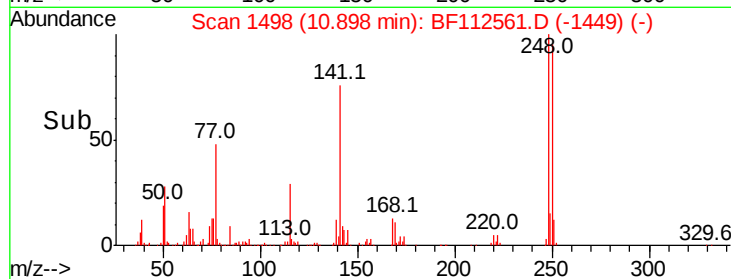
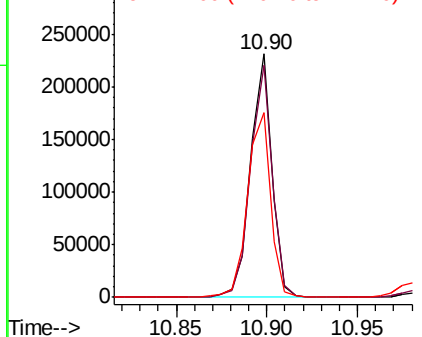


Abundance

Ion 248.00 (247.70 to 248.70): E

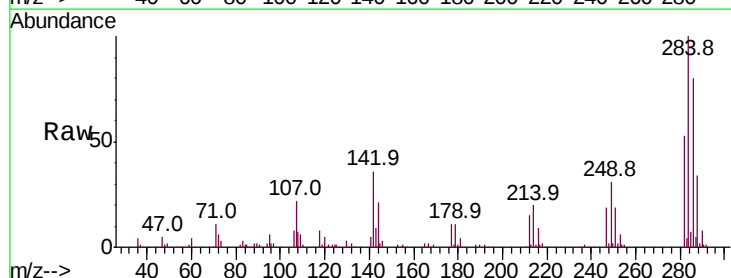
Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



#68
Hexachlorobenzene
Concen: 40.370 ng
RT: 10.98 min Scan# 1512
Delta R.T. -0.01 min
Lab File: BF112561.D
Acq: 14 Feb 2019 12:13

Tgt Ion	Ratio	Lower	Upper
284	100		
142	36.1	27.6	41.4
249	31.1	24.1	36.1

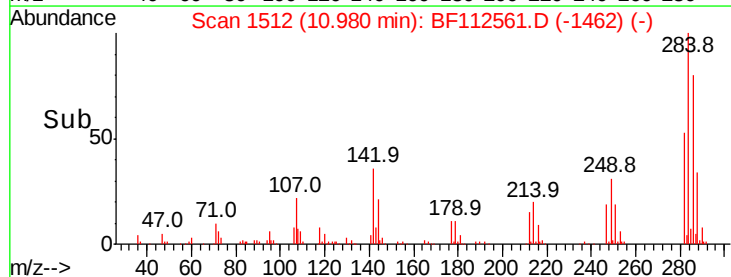
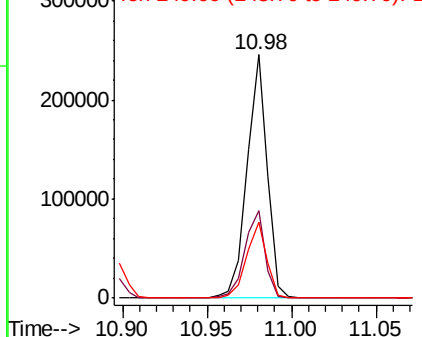


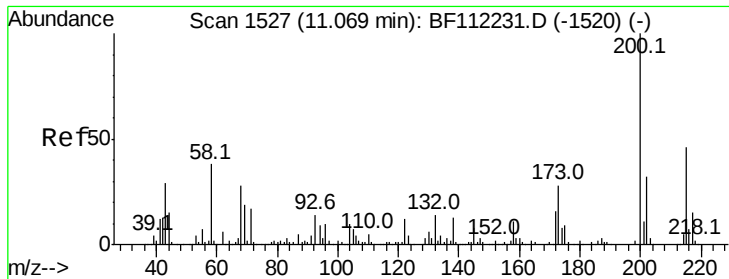
Abundance

Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E





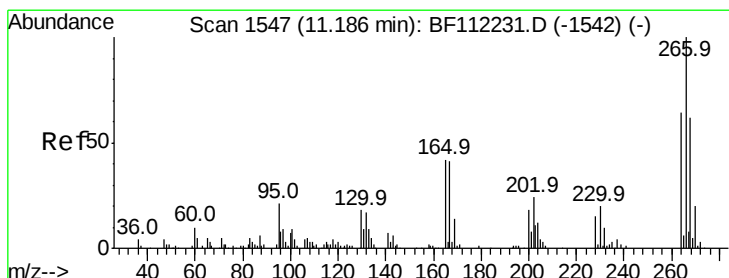
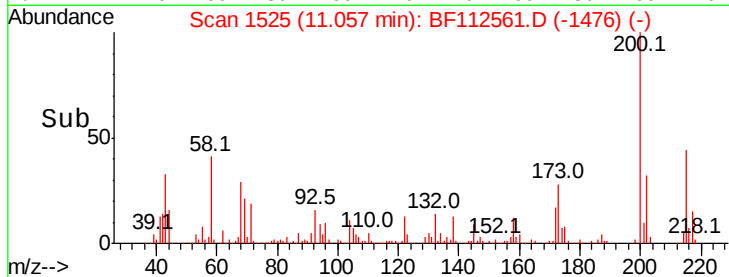
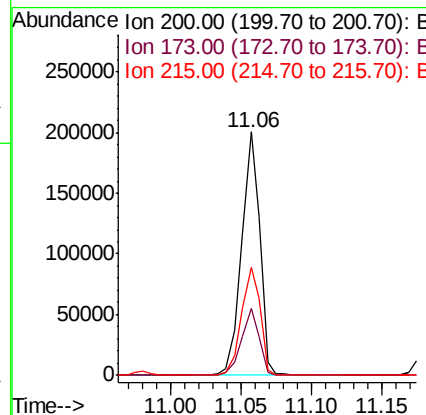
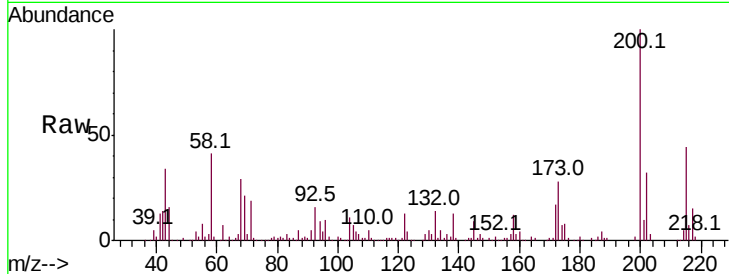
#69
Atrazine
Concen: 40.839 ng
RT: 11.06 min Scan# 1525
Delta R.T. -0.01 min
Lab File: BF112561.D
Acq: 14 Feb 2019 12:13

Instrument :
BNA_F
ClientSampled :
PB117100BS

Tot Ion	Ratio	Resp Lower	Upper
200	100		
173	27.8	7.1	47.1
215	44.4	30.4	70.4

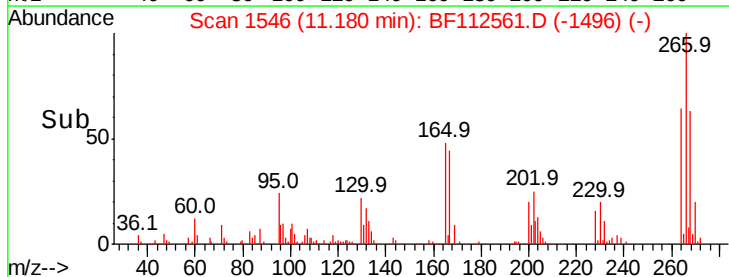
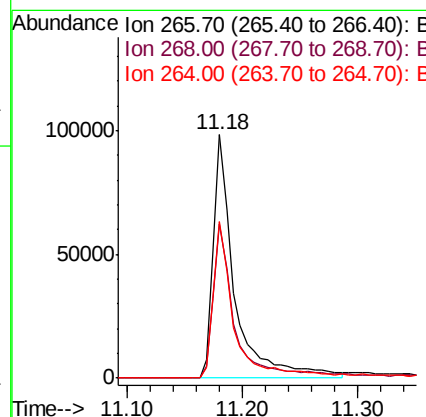
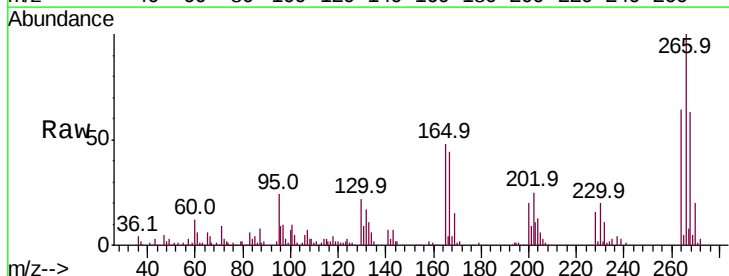
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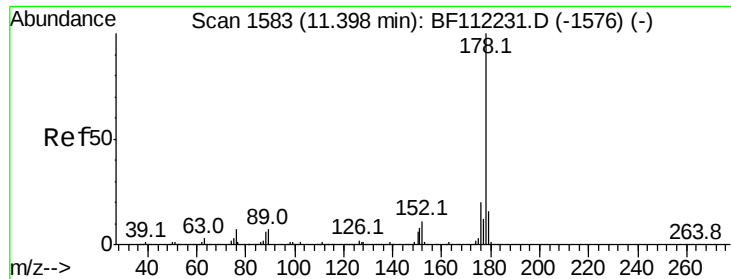
Sohil
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#70
Pentachlorophenol
Concen: 64.160 ng
RT: 11.18 min Scan# 1546
Delta R.T. -0.01 min
Lab File: BF112561.D
Acq: 14 Feb 2019 12:13

Tgt Ion	Ratio	Resp Lower	Upper
266	100		
268	63.4	51.2	76.8
264	64.3	50.9	76.3





#71

Phenanthrene

Concen: 42.710 ng

RT: 11.39 min Scan# 1581

Delta R.T. -0.01 min

Lab File: BF112561.D

Acq: 14 Feb 2019 12:13

Instrument :

BNA_F

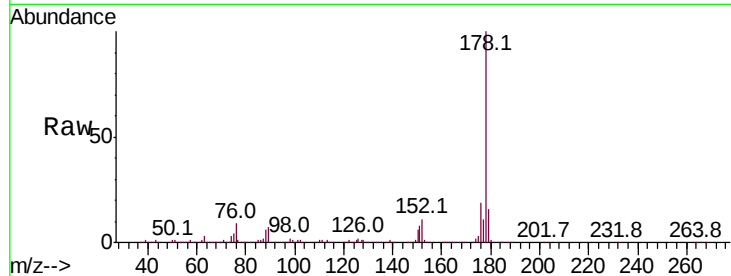
ClientSampled :

PB117100BS

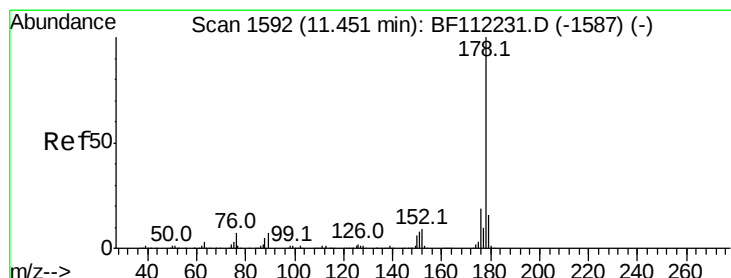
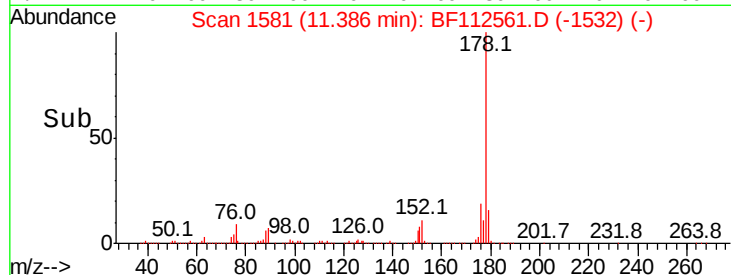
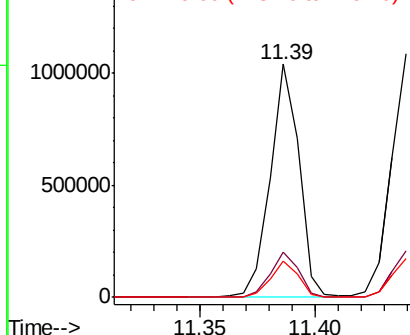
Tot Ion:	178	Resp:	899118
Ion Ratio	Lower	Upper	
178	100		
176	19.3	16.3	24.5
179	15.6	13.0	19.4

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Abundance Ion 178.00 (177.70 to 178.70): E
1500000
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E



#72

Anthracene

Concen: 44.480 ng

RT: 11.44 min Scan# 1590

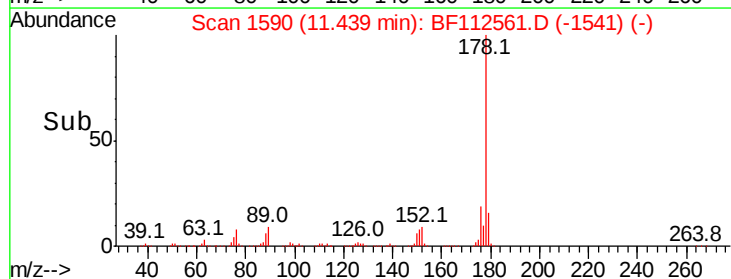
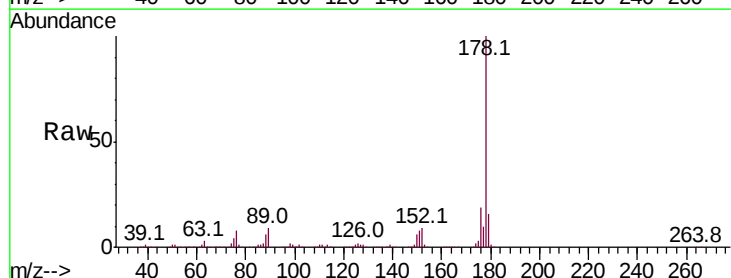
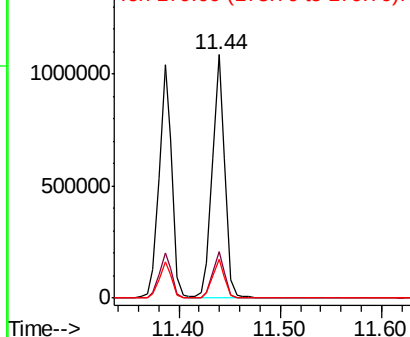
Delta R.T. -0.01 min

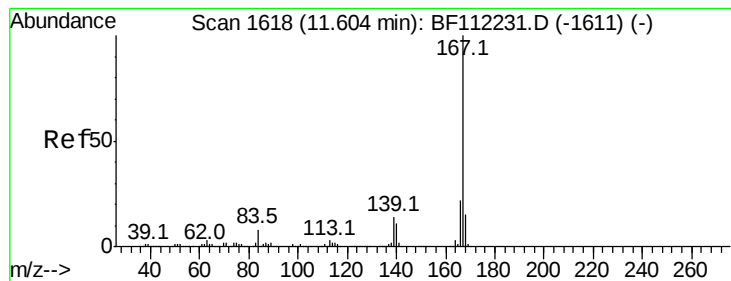
Lab File: BF112561.D

Acq: 14 Feb 2019 12:13

Tgt Ion:	178	Resp:	932763
Ion Ratio	Lower	Upper	
178	100		
176	19.1	15.5	23.3
179	15.9	12.8	19.2

Abundance Ion 178.00 (177.70 to 178.70): E
1500000
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E





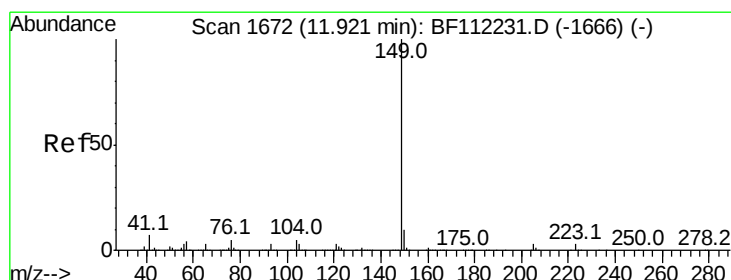
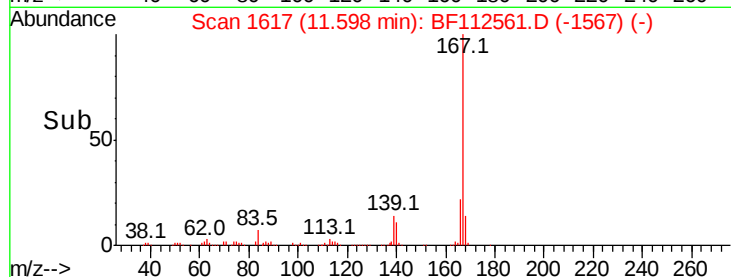
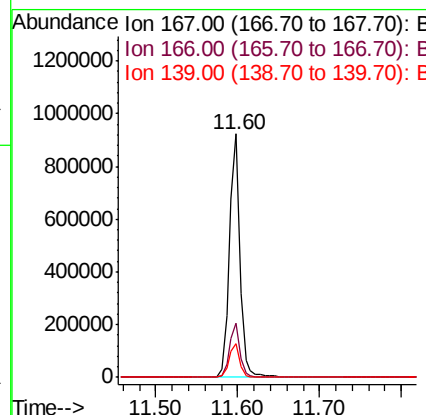
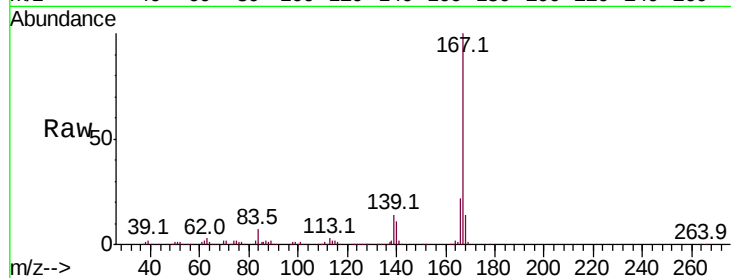
#73
 Carbazole
 Concen: 39.865 ng
 RT: 11.60 min Scan# 1617
 Delta R.T. -0.01 min
 Lab File: BF112561.D
 Acq: 14 Feb 2019 12:13

Instrument :
 BNA_F
 ClientSampleId :
 PB117100BS

Tot Ion	Ratio	Lower	Upper
167	100		
166	22.3	17.9	26.9
139	13.8	10.2	15.2

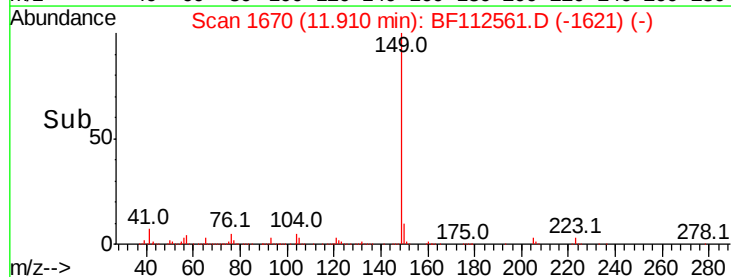
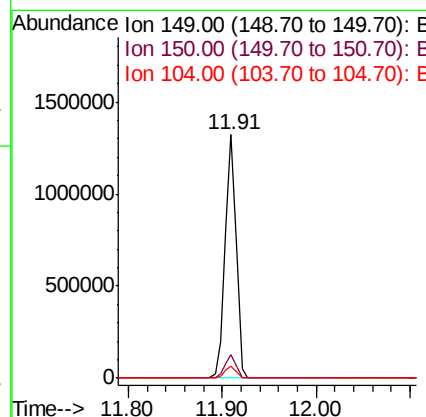
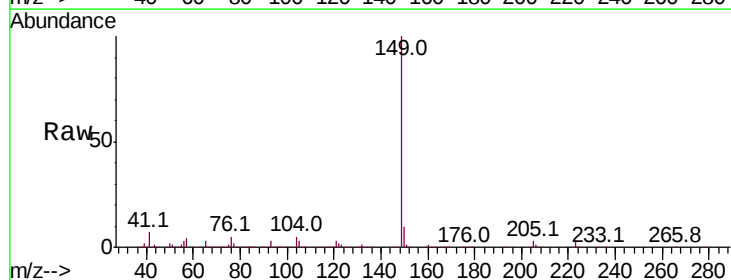
Manual Integrations
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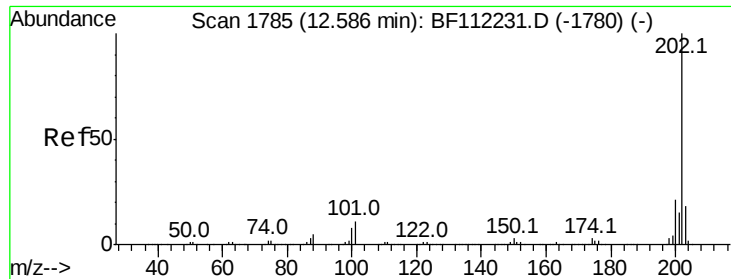
Sohil
 2/15/2019 4:52:57 PM



#74
 Di-n-butylphthalate
 Concen: 42.147 ng
 RT: 11.91 min Scan# 1670
 Delta R.T. -0.01 min
 Lab File: BF112561.D
 Acq: 14 Feb 2019 12:13

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.5	8.1	12.1
104	5.1	3.9	5.9





#75

Fluoranthene

Concen: 41.787 ng

RT: 12.58 min Scan# 1784

Delta R.T. -0.01 min

Lab File: BF112561.D

Acq: 14 Feb 2019 12:13

Instrument :

BNA_F

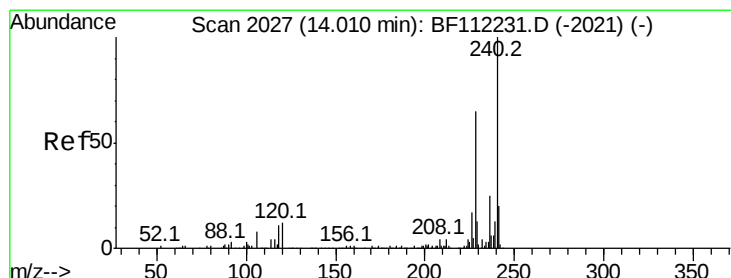
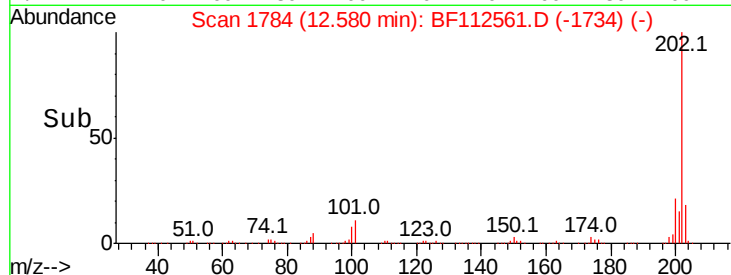
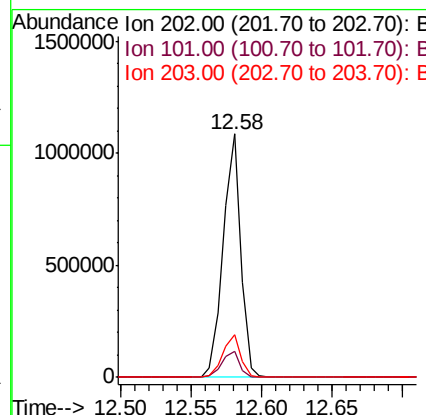
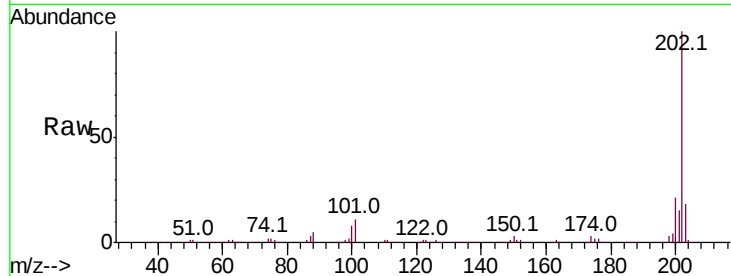
ClientSampled :

PB117100BS

Tot Ion	Ratio	Resp	Lower	Upper
202	100			
101	10.7	0.0	31.8	
203	17.7	0.0	38.4	

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#76

Chrysene-d12

Concen: 20.000 ng

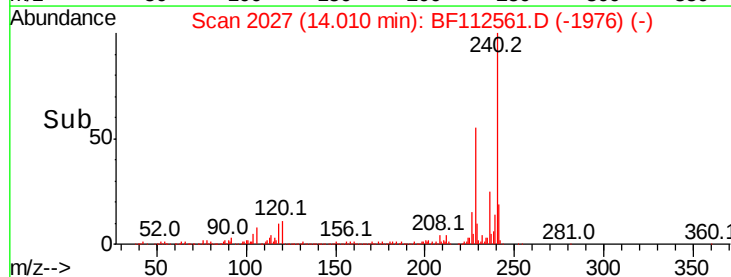
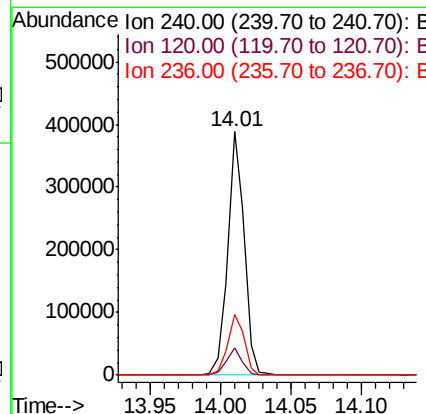
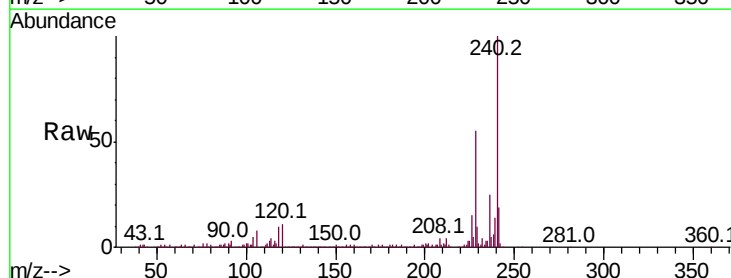
RT: 14.01 min Scan# 2027

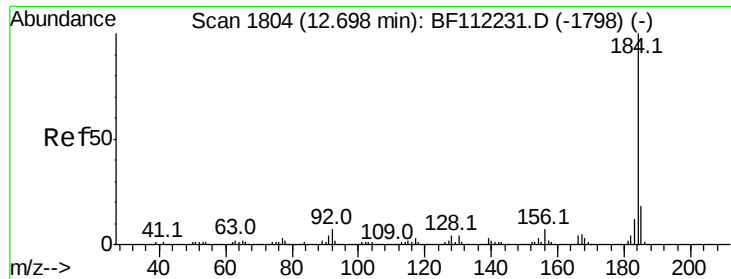
Delta R.T. 0.00 min

Lab File: BF112561.D

Acq: 14 Feb 2019 12:13

Tgt Ion	Ratio	Resp	Lower	Upper
240	100			
120	11.2	9.0	13.6	
236	25.1	20.7	31.1	





#77

Benzidine

Concen: 41.435 ng

RT: 12.69 min Scan# 1803

Delta R.T. -0.01 min

Lab File: BF112561.D

Acq: 14 Feb 2019 12:13

Instrument :

BNA_F

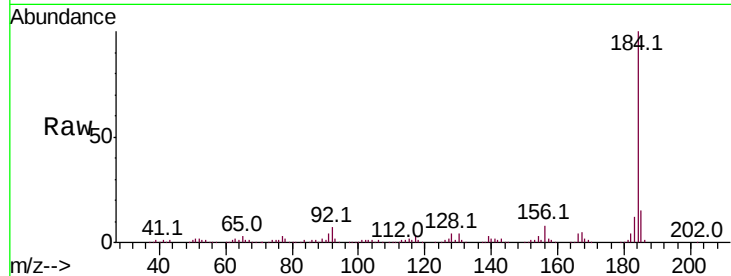
ClientSampleId :

PB117100BS

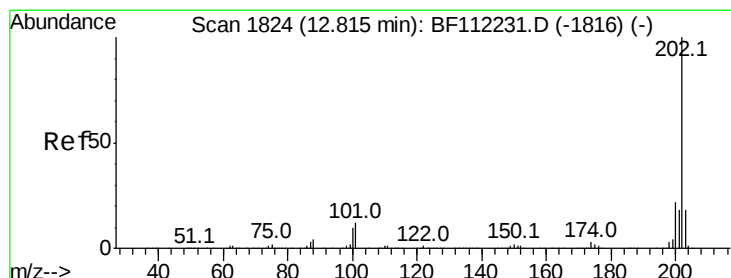
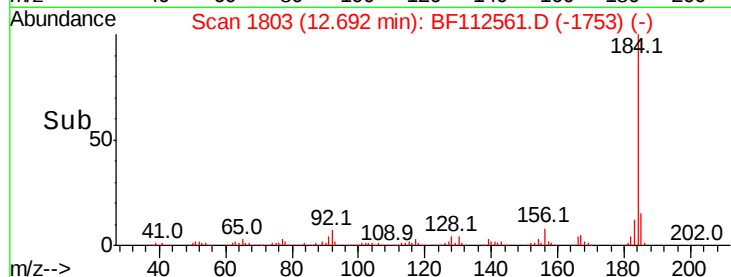
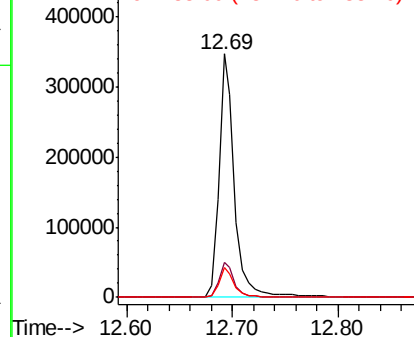
Tot Ion:	184	Resp:	358926
Ion Ratio	Lower	Upper	
184	100		
185	14.6	13.9	20.9
183	12.5	10.0	15.0

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Abundance Ion 184.00 (183.70 to 184.70): E
Ion 185.00 (184.70 to 185.70): E
Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 43.518 ng

RT: 12.81 min Scan# 1823

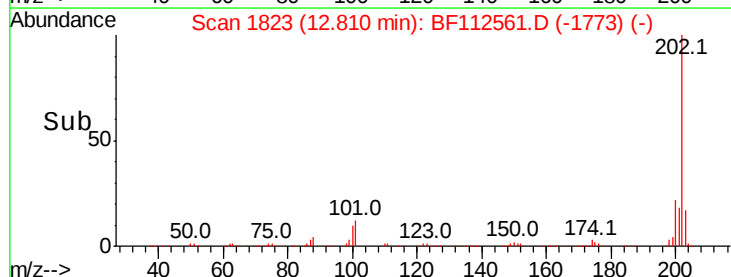
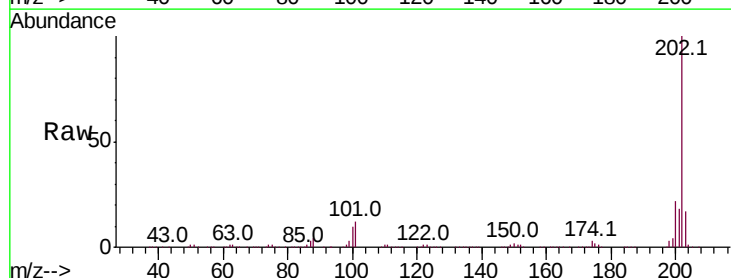
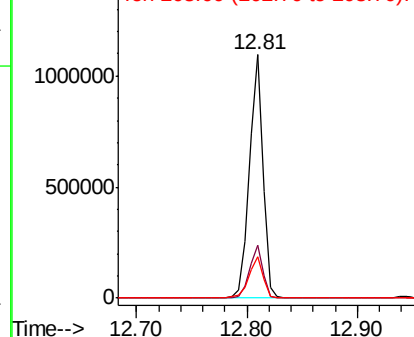
Delta R.T. -0.01 min

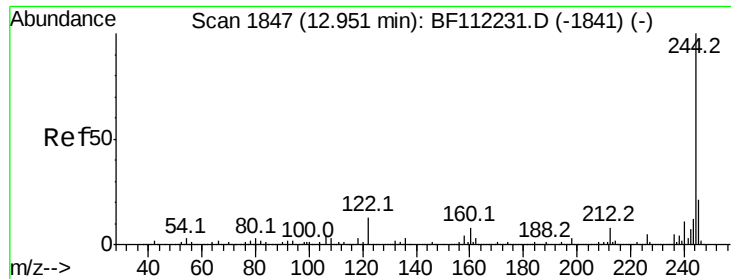
Lab File: BF112561.D

Acq: 14 Feb 2019 12:13

Tgt Ion:	202	Resp:	948259
Ion Ratio	Lower	Upper	
202	100		
200	21.6	17.7	26.5
203	17.2	14.6	22.0

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





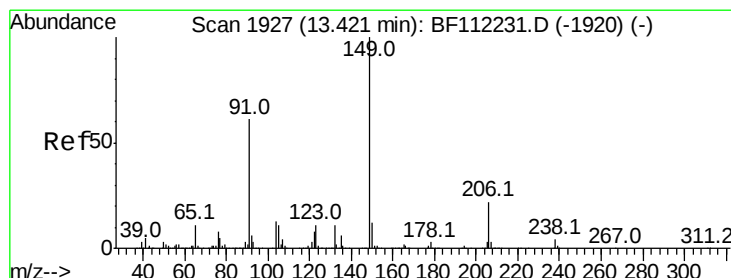
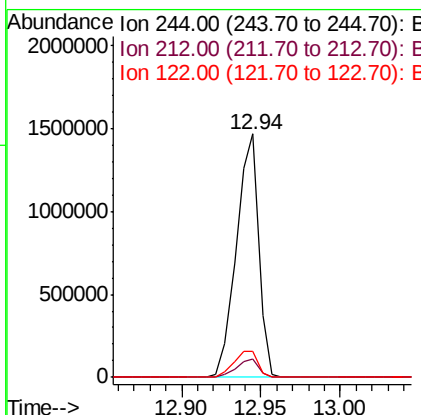
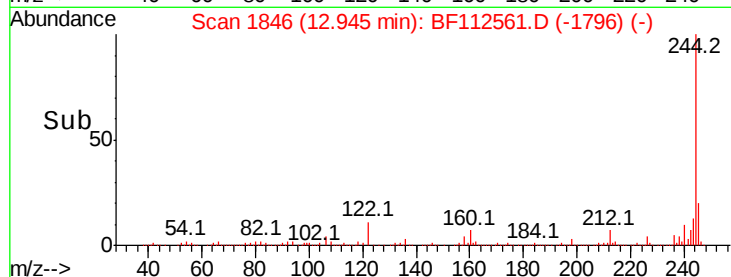
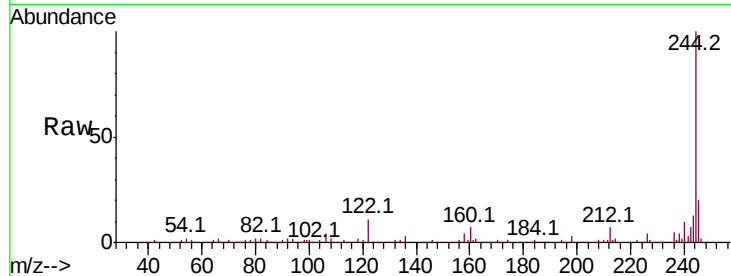
#79
 Terphenyl-d14
 Concen: 85.603 ng
 RT: 12.94 min Scan# 1846
 Delta R.T. -0.01 min
 Lab File: BF112561.D
 Acq: 14 Feb 2019 12:13

Instrument :
 BNA_F
 ClientSampleId :
 PB117100BS

Tot Ion:244 Resp: 1430453
 Ion Ratio Lower Upper
 244 100
 212 7.4 5.9 8.9
 122 10.8 9.8 14.6

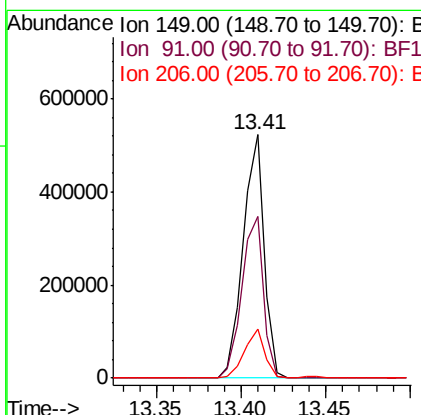
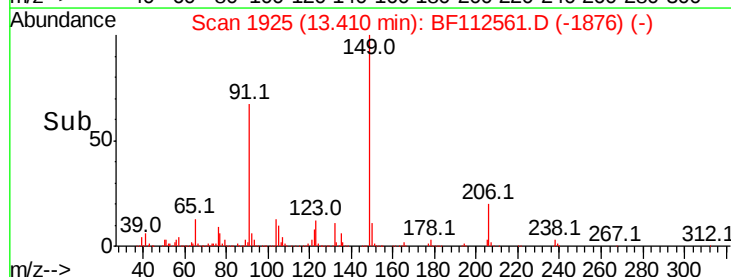
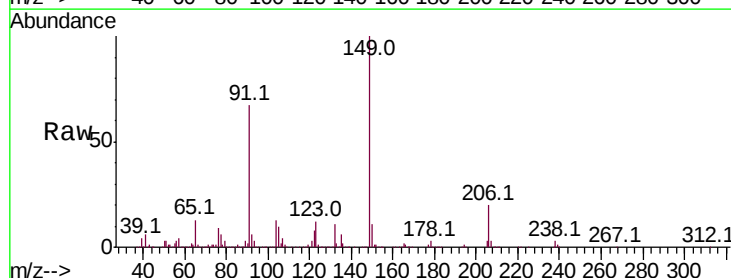
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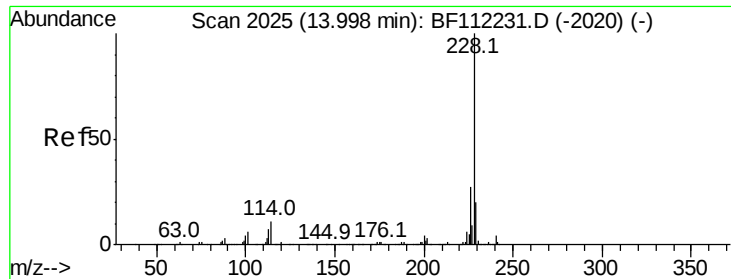
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#80
 Butylbenzylphthalate
 Concen: 43.289 ng
 RT: 13.41 min Scan# 1925
 Delta R.T. -0.01 min
 Lab File: BF112561.D
 Acq: 14 Feb 2019 12:13

Tgt Ion:149 Resp: 456378
 Ion Ratio Lower Upper
 149 100
 91 66.7 50.3 75.5
 206 19.9 18.2 27.4





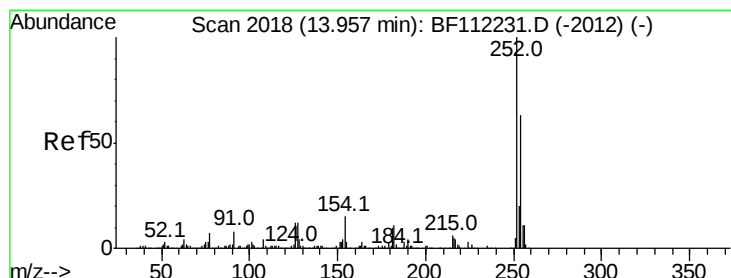
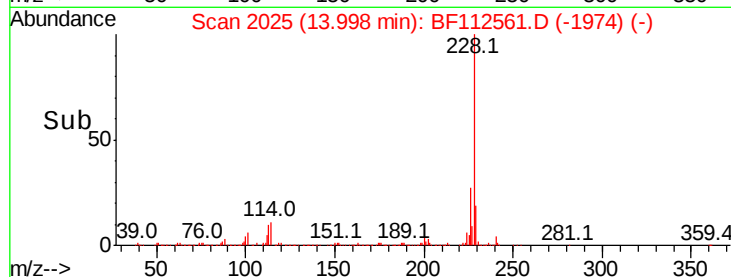
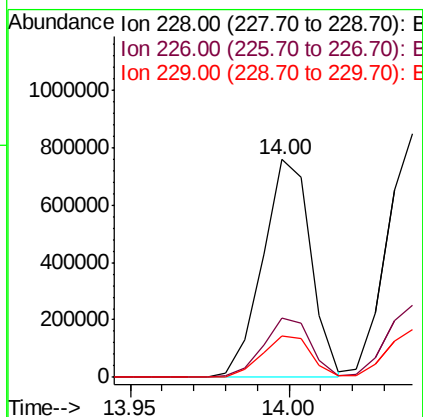
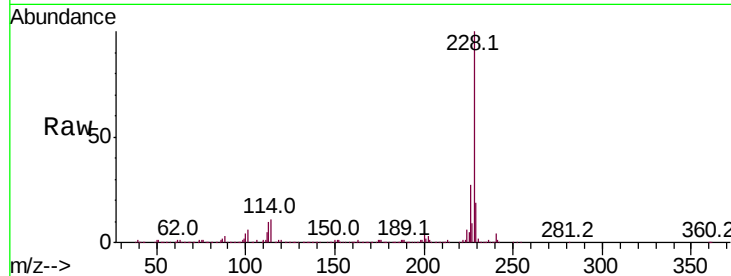
#81
Benzo(a)anthracene
Concen: 43.302 ng
RT: 14.00 min Scan# 2025
Delta R.T. 0.00 min
Lab File: BF112561.D
Acq: 14 Feb 2019 12:13

Instrument :
BNA_F
ClientSampleId :
PB117100BS

Tot Ion	Ratio	Lower	Upper
228	100		
226	27.5	22.6	34.0
229	19.2	16.5	24.7

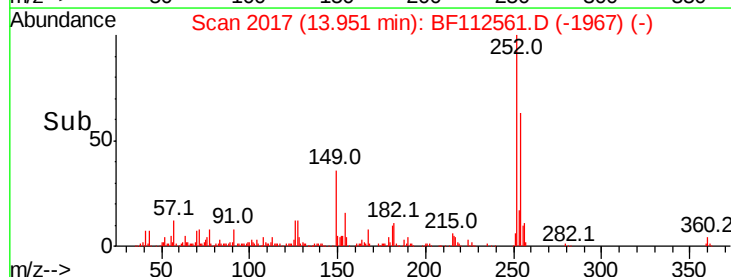
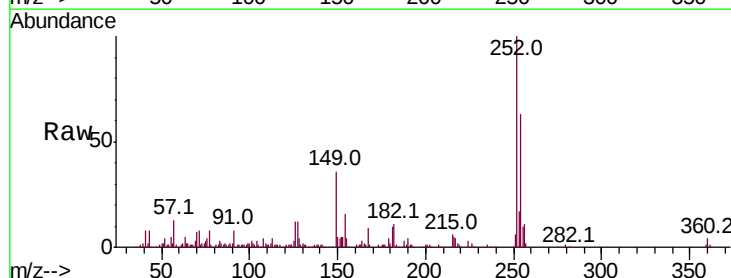
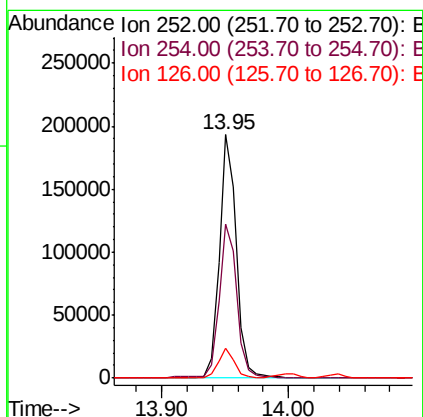
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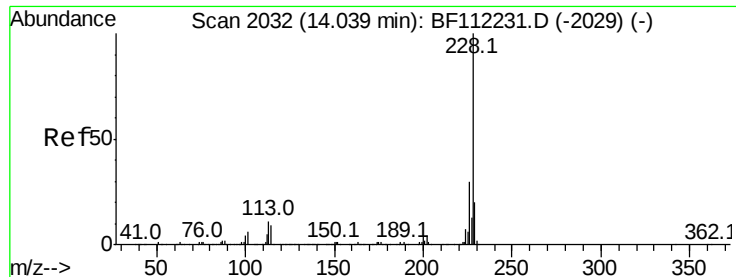
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#82
3,3'-Dichlorobenzidine
Concen: 26.200 ng
RT: 13.95 min Scan# 2017
Delta R.T. -0.01 min
Lab File: BF112561.D
Acq: 14 Feb 2019 12:13

Tgt Ion	Ratio	Lower	Upper
252	100		
254	63.3	51.6	77.4
126	12.3	8.6	12.8





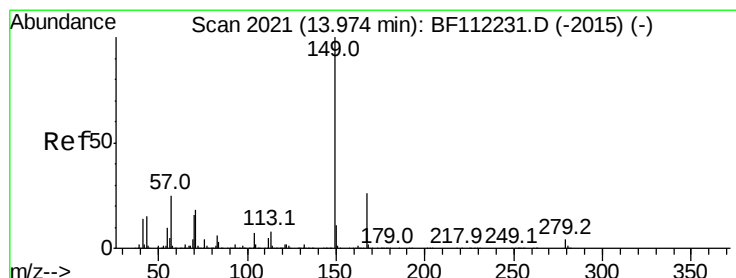
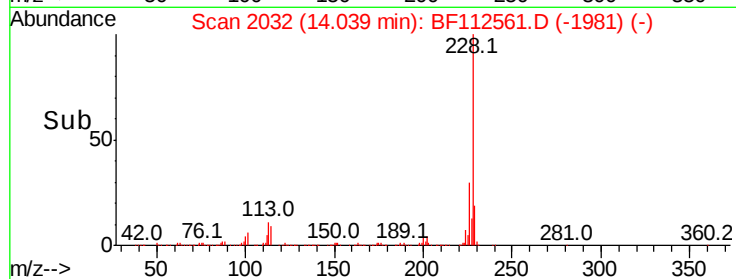
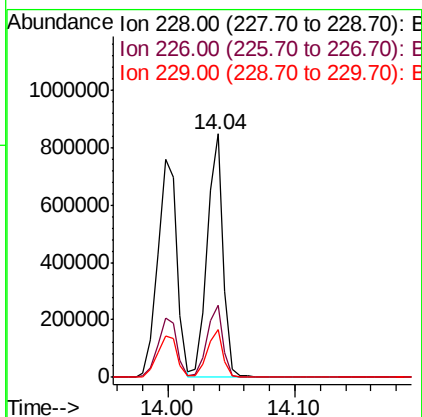
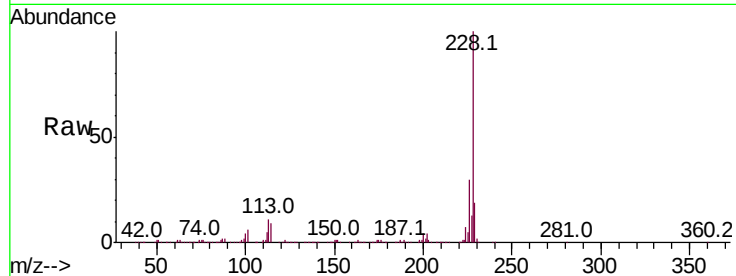
#83
Chrysene
Concen: 42.038 ng
RT: 14.04 min Scan# 2032
Delta R.T. 0.00 min
Lab File: BF112561.D
Acq: 14 Feb 2019 12:13

Instrument :
BNA_F
ClientSampled :
PB117100BS

Tot Ion:	228	Resp:	742426
Ion Ratio	Lower	Upper	
228	100		
226	29.8	25.0	37.6
229	19.5	16.6	24.8

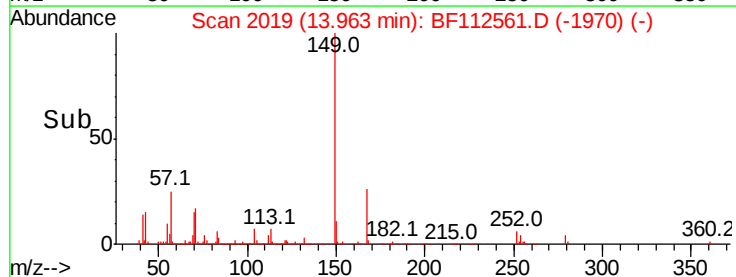
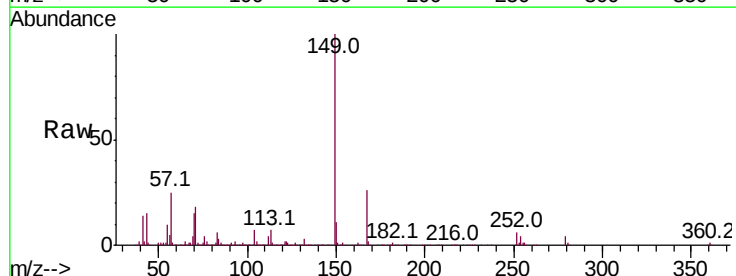
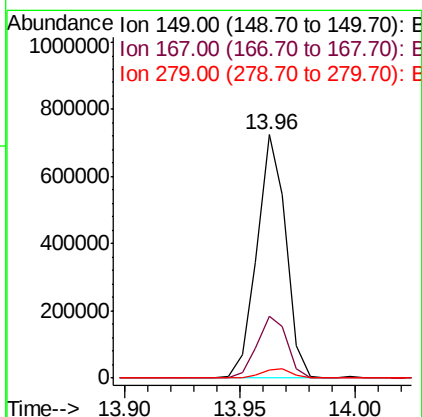
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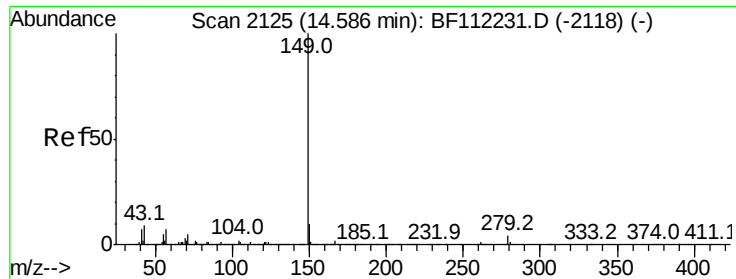
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#84
Bis(2-ethylhexyl)phthalate
Concen: 42.467 ng
RT: 13.96 min Scan# 2019
Delta R.T. -0.01 min
Lab File: BF112561.D
Acq: 14 Feb 2019 12:13

Tgt Ion:	149	Resp:	635508
Ion Ratio	Lower	Upper	
149	100		
167	25.6	22.5	33.7
279	3.5	3.8	5.6#





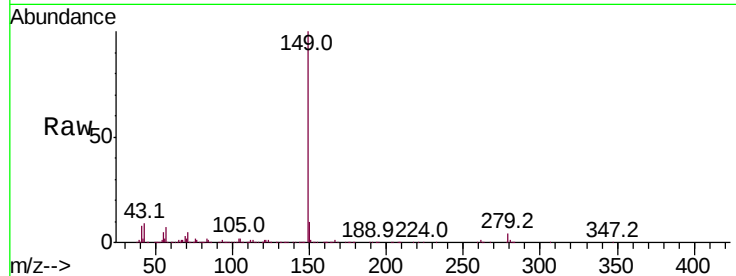
#85
Di-n-octyl phthalate
Concen: 42.065 ng
RT: 14.57 min Scan# 2123
Delta R.T. -0.01 min
Lab File: BF112561.D
Acq: 14 Feb 2019 12:13

Instrument :
BNA_F
ClientSampled :
PB117100BS

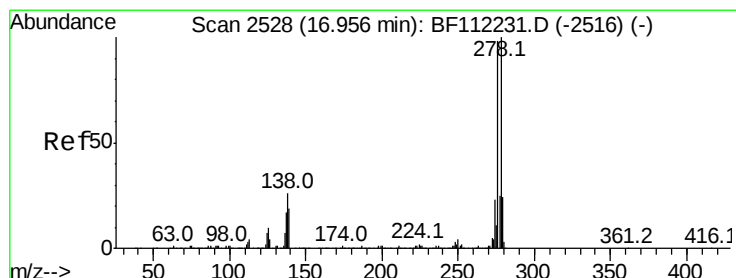
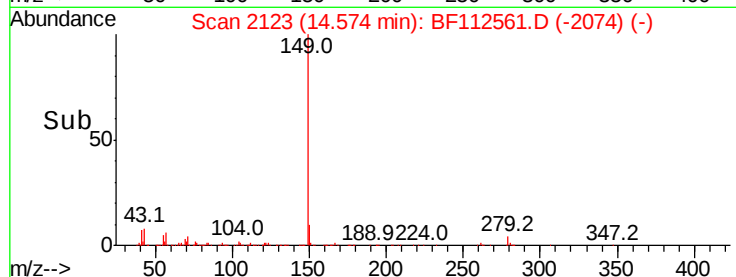
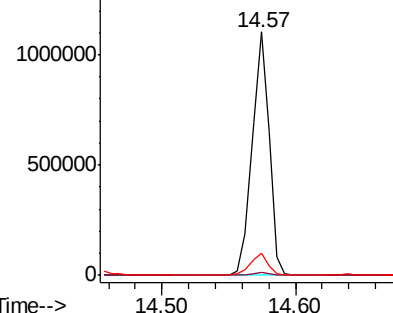
Tot Ion	Ratio	Resp Lower	Upper
149	100		
167	1.5	1.3	1.9
43	8.6	7.8	11.6

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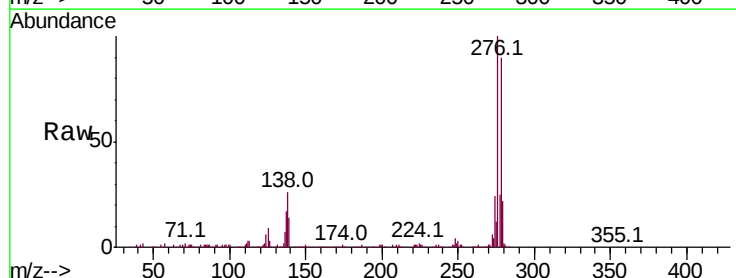


Abundance Ion 149.00 (148.70 to 149.70): E
1500000
Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): BF1

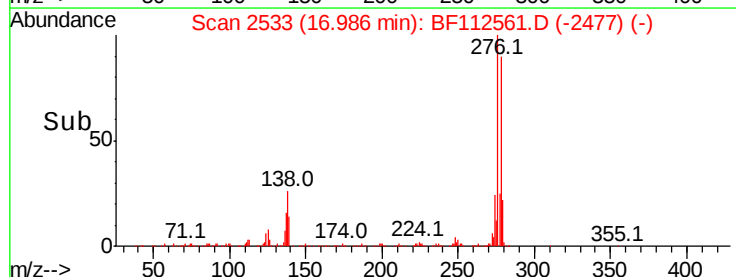
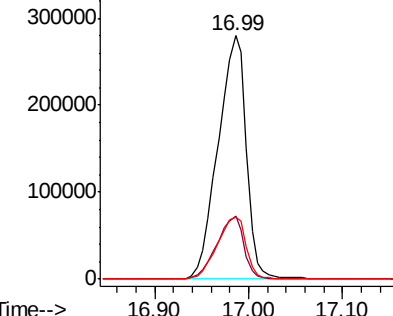


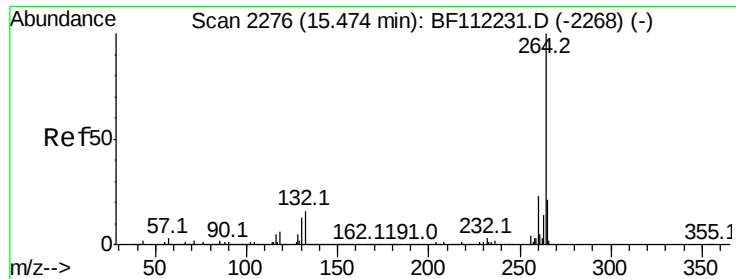
#86
Indeno(1,2,3-cd)pyrene
Concen: 41.784 ng
RT: 16.99 min Scan# 2533
Delta R.T. 0.03 min
Lab File: BF112561.D
Acq: 14 Feb 2019 12:13

Tgt Ion	Ratio	Resp Lower	Upper
276	100		
138	25.0	22.6	34.0
277	26.1	20.3	30.5



Abundance Ion 276.00 (275.70 to 276.70): E
300000
Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E





#87

Pervlene-d12

Concen: 20.000 ng

RT: 15.49 min Scan# 2278

Delta R.T. 0.01 min

Lab File: BF112561.D

Acq: 14 Feb 2019 12:13

Instrument :

BNA_F

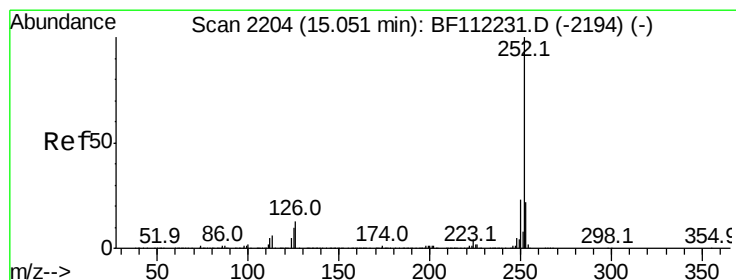
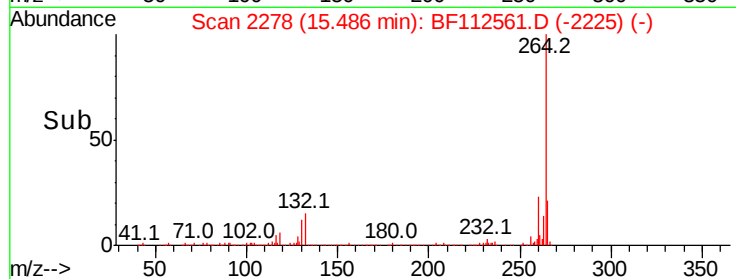
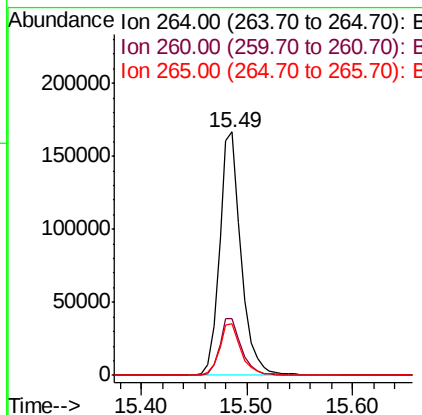
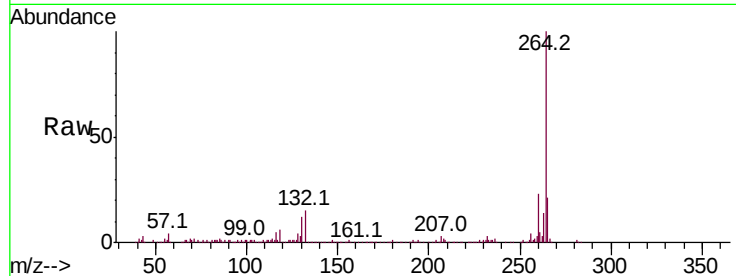
ClientSampleId :

PB117100BS

Tot Ion:	264	Resp:	236247
Ion Ratio	Lower	Upper	
264	100		
260	23.2	18.2	27.2
265	21.0	17.0	25.4

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#88

Benzo(b)fluoranthene

Concen: 46.100 ng

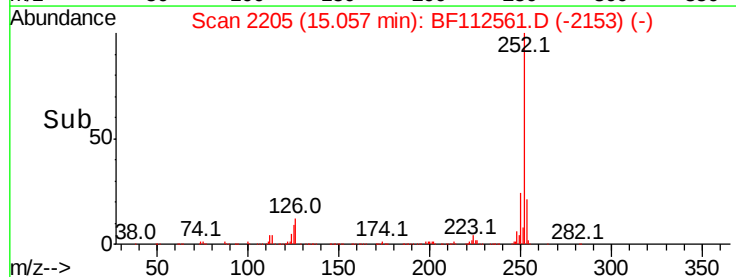
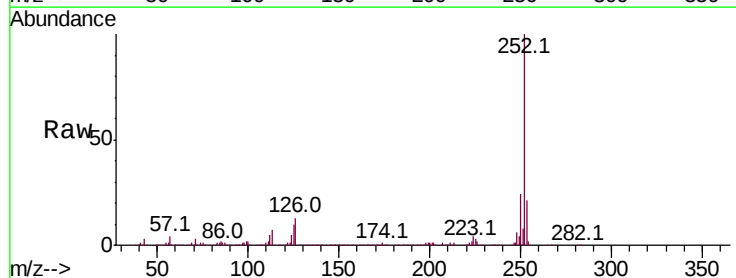
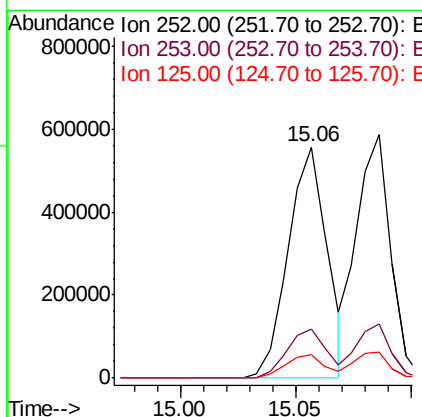
RT: 15.06 min Scan# 2205

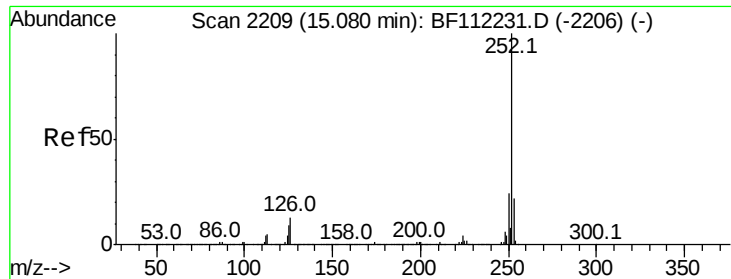
Delta R.T. 0.01 min

Lab File: BF112561.D

Acq: 14 Feb 2019 12:13

Tgt Ion:	252	Resp:	651337
Ion Ratio	Lower	Upper	
252	100		
253	21.4	18.0	27.0
125	10.2	8.7	13.1





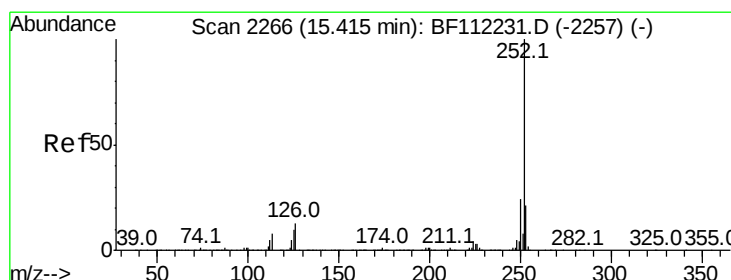
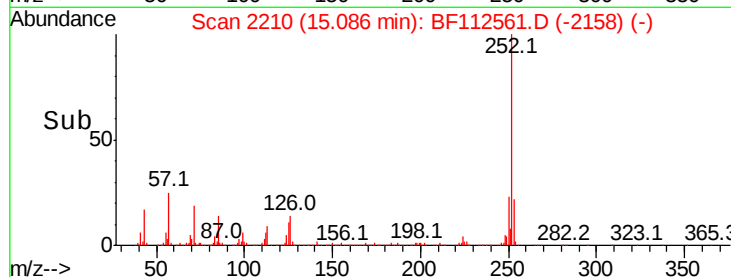
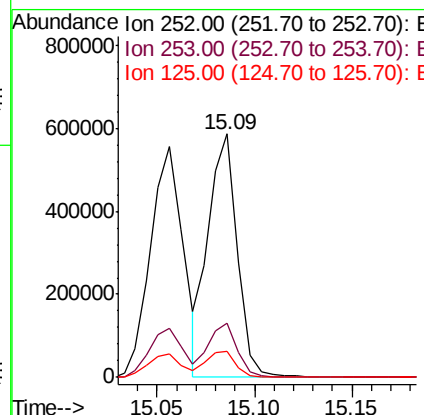
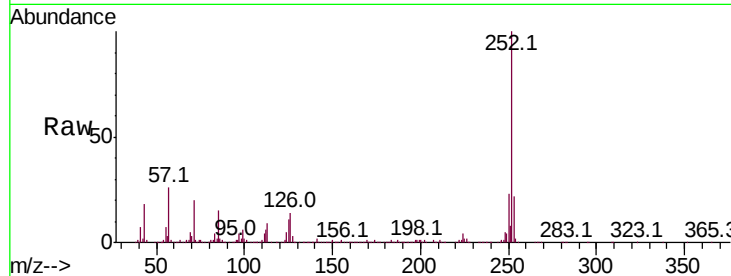
#89
Benzo(k)fluoranthene
Concen: 44.473 ng
RT: 15.09 min Scan# 2210
Delta R.T. 0.01 min
Lab File: BF112561.D
Acq: 14 Feb 2019 12:13

Instrument :
BNA_F
ClientSampleId :
PB117100BS

Tot Ion	Ratio	Resp	Lower	Upper
252	100	601867		
253	22.1	18.0	27.0	
125	10.7	9.1	13.7	

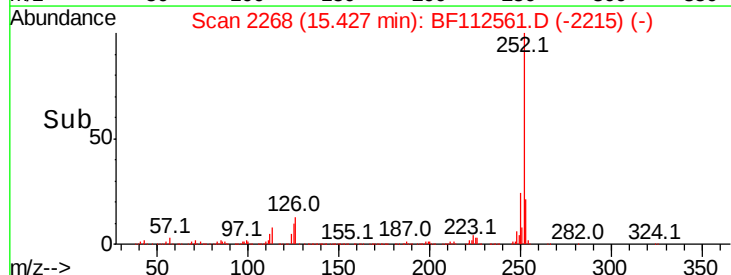
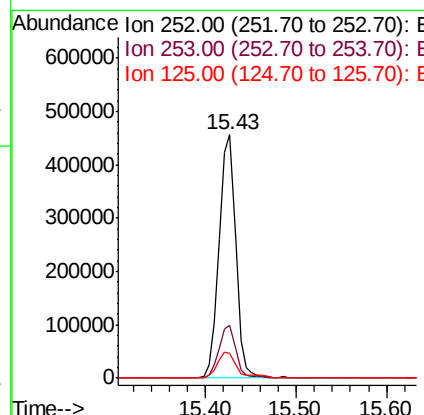
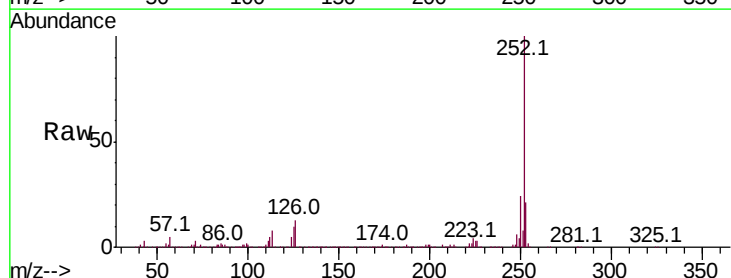
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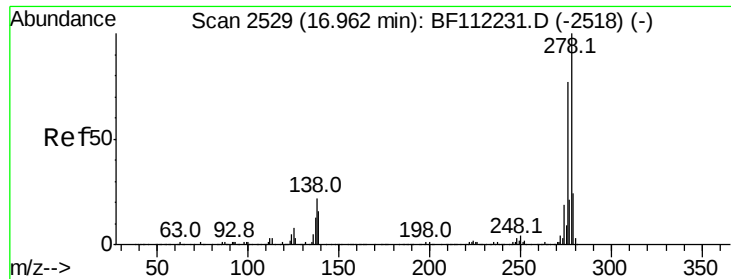
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#90
Benzo(a)pyrene
Concen: 45.945 ng
RT: 15.43 min Scan# 2268
Delta R.T. 0.01 min
Lab File: BF112561.D
Acq: 14 Feb 2019 12:13

Tgt Ion	Ratio	Resp	Lower	Upper
252	100	584095		
253	21.5	17.5	26.3	
125	10.4	9.0	13.4	





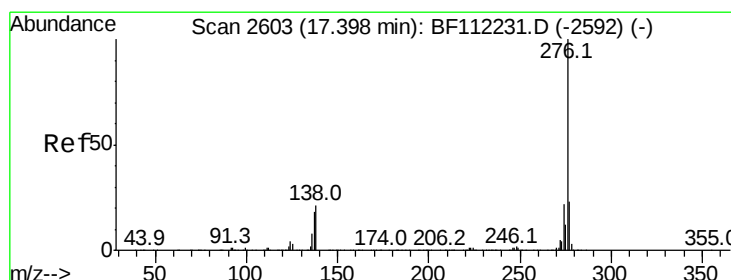
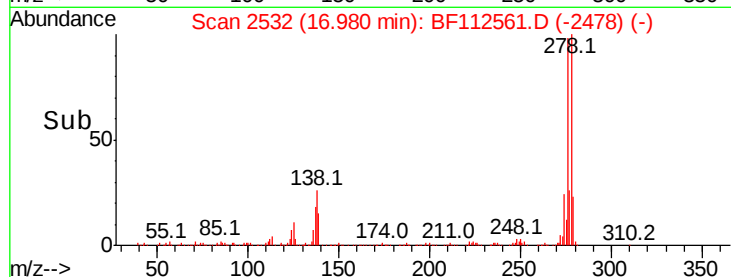
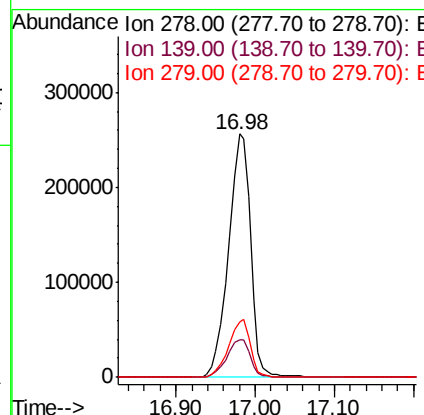
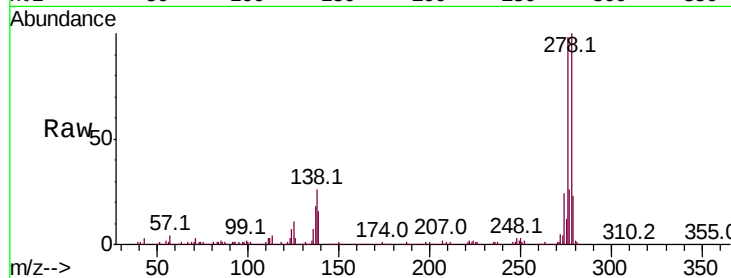
#91
Dibenzo(a,h)anthracene
Concen: 48.198 ng
RT: 16.98 min Scan# 2532
Delta R.T. 0.02 min
Lab File: BF112561.D
Acq: 14 Feb 2019 12:13

Instrument :
BNA_F
ClientSampleId :
PB117100BS

Tot Ion	Ratio	Lower	Upper
278	100		
139	15.6	13.7	20.5
279	22.9	19.0	28.6

Manual Integrations
APPROVED

Sohil
2/15/2019 4:52:57 PM



#92
Benzo(g,h,i)perylene
Concen: 49.770 ng
RT: 17.43 min Scan# 2609
Delta R.T. 0.04 min
Lab File: BF112561.D
Acq: 14 Feb 2019 12:13

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.6	19.4	29.0
138	21.3	19.1	28.7

