

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF101218\
 Data File : BF109831.D
 Acq On : 12 Oct 2018 14:06
 Operator : JU/SJ
 Sample : PB113692BS
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB113692BS

Manual Integrations
 APPROVED

Sohil
 10/15/2018 10:28:22 AM

Quant Time: Oct 12 14:45:16 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF100818.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Oct 08 16:02:11 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.70	152	85716	20.00	ng	0.00
21) Naphthalene-d8	7.97	136	371239	20.00	ng	0.00
38) Acenaphthene-d10	9.72	164	181793	20.00	ng	0.00
63) Phenanthrene-d10	11.20	188	343913	20.00	ng	0.00
75) Chrysene-d12	13.83	240	248163	20.00	ng	0.00
86) Perylene-d12	15.23	264	193366	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.33	112	659866	136.65	ng	0.00
7) Phenol-d6	6.35	99	850273	131.81	ng	0.00
23) Nitrobenzene-d5	7.26	82	534307	79.34	ng	0.00
41) 2,4,6-Tribromophenol	10.52	330	242353	122.35	ng	0.00
44) 2-Fluorobiphenyl	9.05	172	1032168	78.20	ng	0.00
78) Terphenyl-d14	12.78	244	795626	62.06	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.50	88	99053	39.084	ng	97
3) Pyridine	3.22	79	228417m	43.686	ng	
4) n-Nitrosodimethylamine	3.15	42	84535	44.793	ng	95
6) Aniline	6.36	93	249647	33.221	ng	# 57
8) 2-Chlorophenol	6.49	128	261640	44.055	ng	98
9) Benzaldehyde	6.25	77	129236	31.132	ng	98
10) Phenol	6.36	94	300367	40.605	ng	85
11) bis(2-Chloroethyl)ether	6.43	93	216359	35.280	ng	99
12) 1,3-Dichlorobenzene	6.63	146	276555	40.714	ng	98
13) 1,4-Dichlorobenzene	6.71	146	301996	40.786	ng	98
14) 1,2-Dichlorobenzene	6.86	146	272006	41.829	ng	100
15) Benzyl Alcohol	6.85	79	203968	42.649	ng	97
16) 2,2'-oxybis(1-Chloropropan	6.97	45	333901	41.061	ng	98
17) 2-Methylphenol	6.96	107	207128	44.102	ng	94
18) Hexachloroethane	7.20	117	108867	41.596	ng	97
19) n-Nitroso-di-n-propylamine	7.12	70	186918	41.318	ng	99
20) 3+4-Methylphenols	7.12	107	245964	42.502	ng	94
22) Acetophenone	7.11	105	383641	42.735	ng	# 98
24) Nitrobenzene	7.28	77	276254	39.421	ng	99
25) Isophorone	7.52	82	519452	46.449	ng	99
26) 2-Nitrophenol	7.60	139	134918	41.160	ng	97
27) 2,4-Dimethylphenol	7.65	122	222866	47.083	ng	99
28) bis(2-Chloroethoxy)methane	7.73	93	317882	42.023	ng	99
29) 2,4-Dichlorophenol	7.85	162	223821	42.156	ng	99
30) 1,2,4-Trichlorobenzene	7.92	180	230638	39.241	ng	99
31) Naphthalene	8.00	128	791706	46.113	ng	99
32) Benzoic acid	7.80	122	109402	32.327	ng	96
33) 4-Chloroaniline	8.06	127	196677	26.013	ng	98
34) Hexachlorobutadiene	8.12	225	143318	39.218	ng	99
35) Caprolactam	8.43	113	63800m	40.237	ng	
36) 4-Chloro-3-methylphenol	8.55	107	239270	42.693	ng	99
37) 2-Methylnaphthalene	8.69	142	511901	45.518	ng	99
39) 1,2,4,5-Tetrachlorobenzene	8.86	216	237146	38.322	ng	99
40) Hexachlorocyclopentadiene	8.85	237	222347	81.872	ng	99

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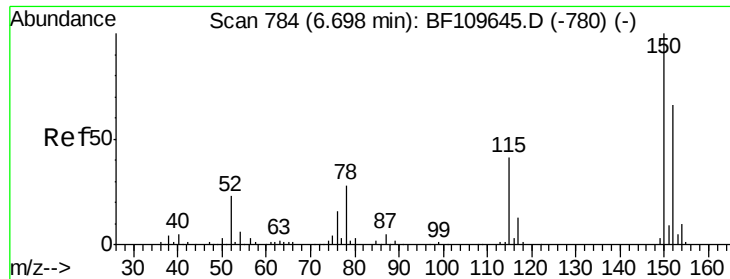
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	8.97	196	141434	38.232	ng	98
43) 2,4,5-Trichlorophenol	9.02	196	160406	37.712	ng	95
45) 1,1'-Biphenyl	9.15	154	630684	38.834	ng	100
46) 2-Chloronaphthalene	9.17	162	487434	40.061	ng	98
47) 2-Nitroaniline	9.28	65	149210	40.501	ng	90
48) Acenaphthylene	9.59	152	760139	42.853	ng	99
49) Dimethylphthalate	9.46	163	541570	40.619	ng	100
50) 2,6-Dinitrotoluene	9.52	165	117870	40.784	ng	90
51) Acenaphthene	9.76	154	425867	40.500	ng	99
52) 3-Nitroaniline	9.69	138	82728	25.536	ng	99
53) 2,4-Dinitrophenol	9.80	184	76971	82.547	ng	99
54) Dibenzofuran	9.93	168	638672	40.520	ng	99
55) 4-Nitrophenol	9.87	139	117915	66.495	ng	95
56) 2,4-Dinitrotoluene	9.93	165	146902	40.730	ng	# 87
57) Fluorene	10.27	166	505542	42.949	ng	100
58) 2,3,4,6-Tetrachlorophenol	10.06	232	138956	40.189	ng	98
59) Diethylphthalate	10.15	149	533315	40.371	ng	99
60) 4-Chlorophenyl-phenylether	10.26	204	246447	39.687	ng	98
61) 4-Nitroaniline	10.31	138	120091	40.027	ng	99
62) Azobenzene	10.43	77	561941	41.889	ng	98
64) 4,6-Dinitro-2-methylphenol	10.34	198	57449	34.320	ng	95
65) n-Nitrosodiphenylamine	10.39	169	466038	39.973	ng	99
66) 4-Bromophenyl-phenylether	10.75	248	153195	38.768	ng	95
67) Hexachlorobenzene	10.82	284	167500	39.145	ng	95
68) Atrazine	10.92	200	148644	40.853	ng	99
69) Pentachlorophenol	11.02	266	153588	63.787	ng	96
70) Phenanthrene	11.23	178	731470	42.501	ng	99
71) Anthracene	11.28	178	804644	45.227	ng	99
72) Carbazole	11.44	167	687361	39.835	ng	100
73) Di-n-butylphthalate	11.77	149	812037	40.575	ng	99
74) Fluoranthene	12.41	202	781642	43.473	ng	99
76) Benzidine	12.54	184	363830	39.467	ng	98
77) Pyrene	12.64	202	757049	41.637	ng	100
79) Butylbenzylphthalate	13.26	149	326498	41.419	ng	98
80) Benzo(a)anthracene	13.82	228	580301	42.374	ng	99
81) 3,3'-Dichlorobenzidine	13.79	252	146533	26.574	ng	99
82) Chrysene	13.86	228	620266	43.120	ng	99
83) Bis(2-ethylhexyl)phthalate	13.82	149	404846	42.095	ng	98
84) Di-n-octyl phthalate	14.42	149	636761	41.888	ng	100
85) Indeno(1,2,3-cd)pyrene	16.59	276	457411	44.426	ng	99
87) Benzo(b)fluoranthene	14.84	252	463531	43.378	ng	98
88) Benzo(k)fluoranthene	14.86	252	483711	45.053	ng	99
89) Benzo(a)pyrene	15.17	252	447560	46.154	ng	97
90) Dibenzo(a,h)anthracene	16.59	278	383388	48.140	ng	97
91) Benzo(g,h,i)perylene	16.99	276	386482	48.597	ng	98

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



#1

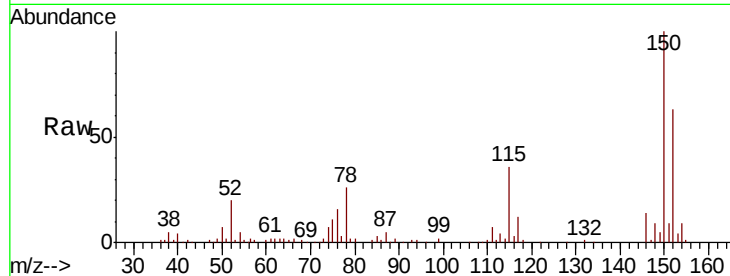
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.70 min Scan# 784
Delta R.T. -0.00 min
Lab File: BF109831.D
Acq: 12 Oct 2018 14:06

Instrument :
BNA_F
ClientSampleId :
PB113692BS

Tot Ion	Ratio	Lower	Upper
152	100		
150	158.3	122.7	184.1
115	57.6	49.1	73.7

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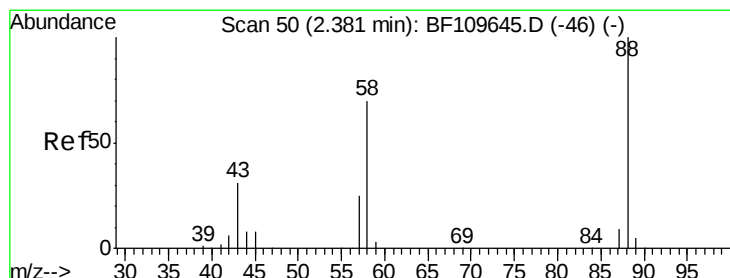
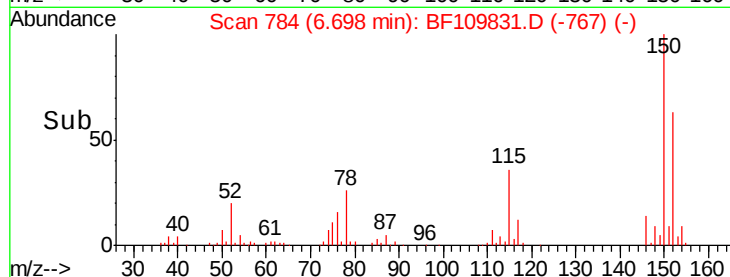
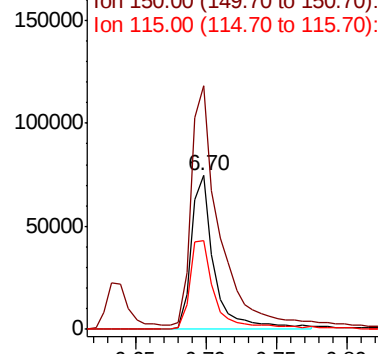


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

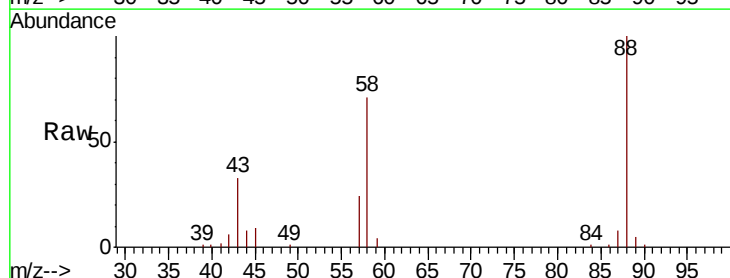
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 39.084 ng
RT: 2.50 min Scan# 70
Delta R.T. 0.12 min
Lab File: BF109831.D
Acq: 12 Oct 2018 14:06

Tgt Ion	Ratio	Lower	Upper
88	100		
58	69.3	57.1	85.7
43	28.0	24.1	36.1

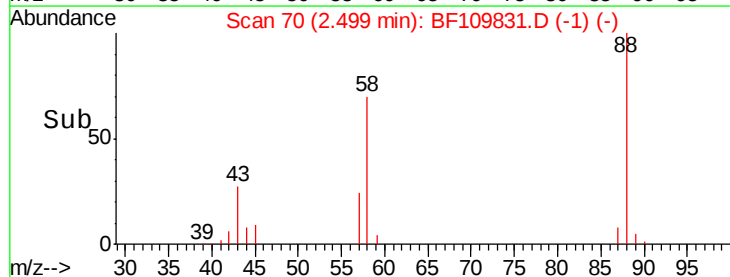
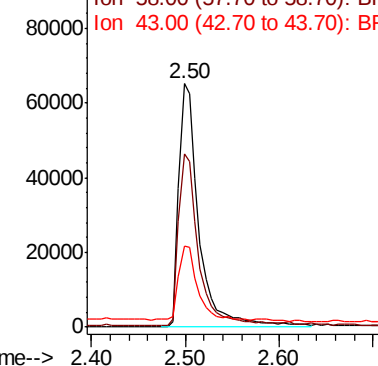


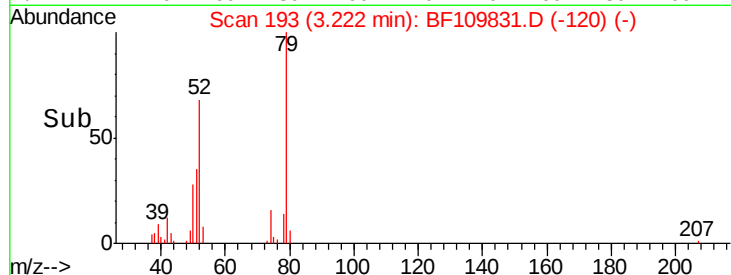
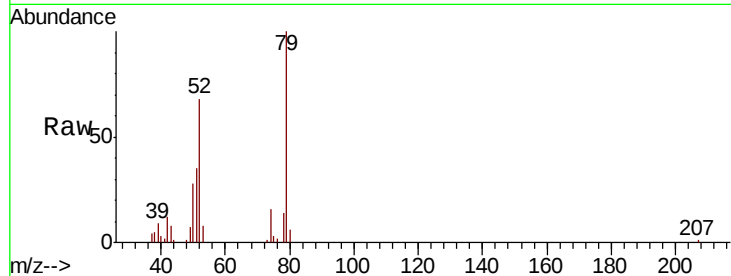
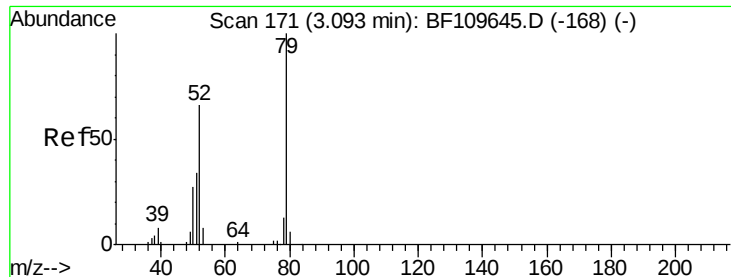
Abundance

Ion 88.00 (87.70 to 88.70): BF1

Ion 58.00 (57.70 to 58.70): BF1

Ion 43.00 (42.70 to 43.70): BF1





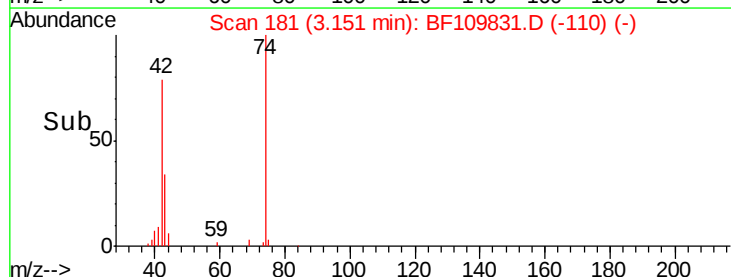
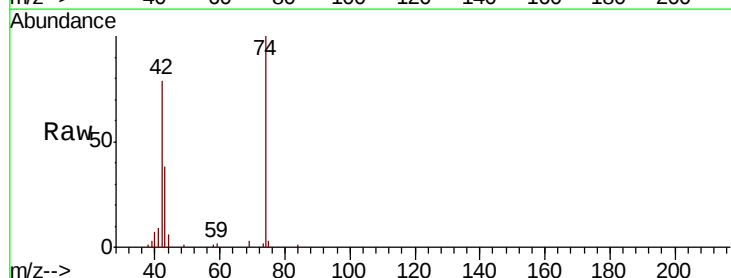
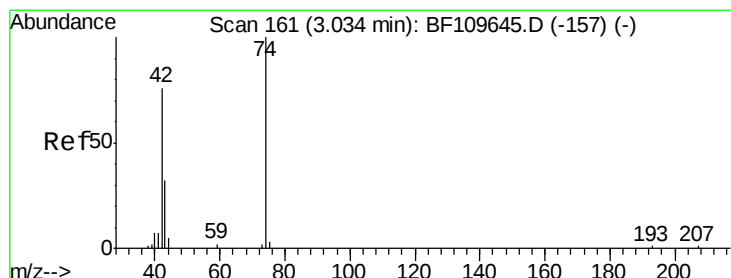
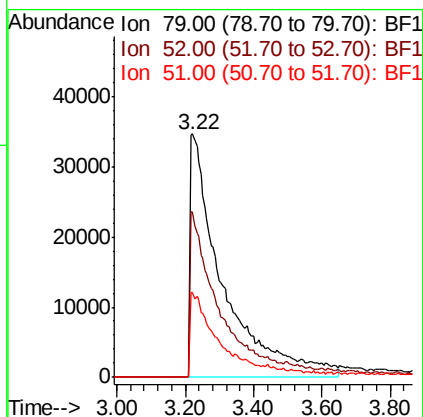
#3
Pvridine
Concen: 43.686 ng/ml
RT: 3.22 min Scan# 193
Delta R.T. 0.13 min
Lab File: BF109831.D
Acq: 12 Oct 2018 14:06

Tot Ion	Ratio	Lower	Upper
79	100		
52	67.8	53.1	79.7
51	35.0	27.4	41.2

Instrument :
BNA_F
ClientSampleID :
PB113692BS

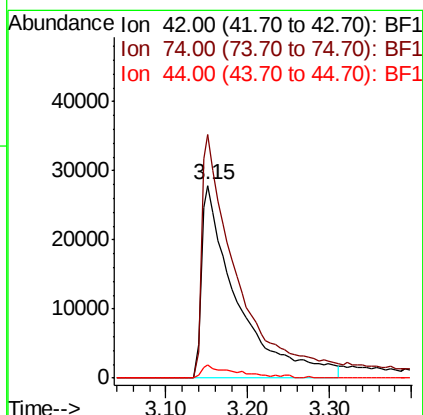
Manual Integrations
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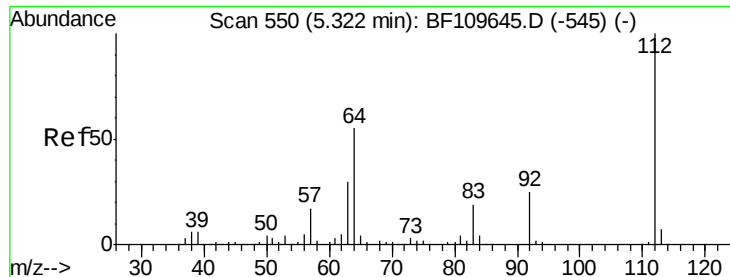
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#4
n-Nitrosodimethylamine
Concen: 44.793 ng/ml
RT: 3.15 min Scan# 181
Delta R.T. 0.12 min
Lab File: BF109831.D
Acq: 12 Oct 2018 14:06

Tgt Ion	Ratio	Lower	Upper
42	100		
74	126.4	105.5	158.3
44	7.1	4.9	7.3





#5

2-Fluorophenol

Concen: 136.647 ng

RT: 5.33 min Scan# 551

Delta R.T. 0.01 min

Lab File: BF109831.D

Acq: 12 Oct 2018 14:06

Instrument :

BNA_F

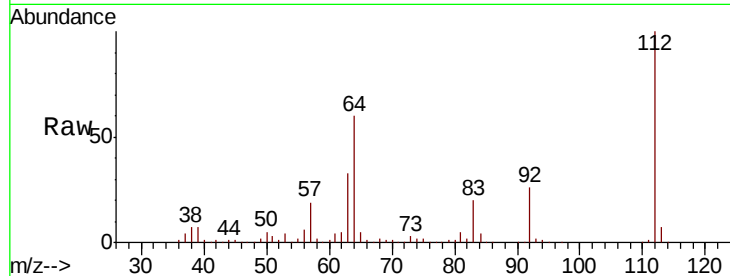
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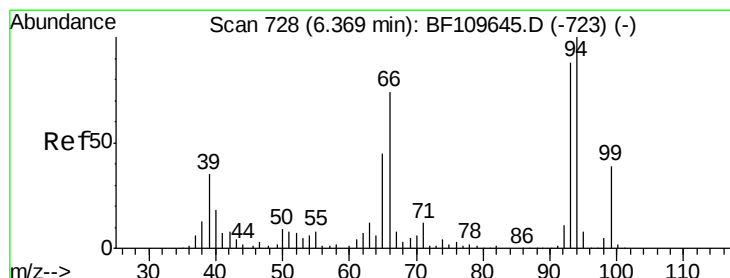
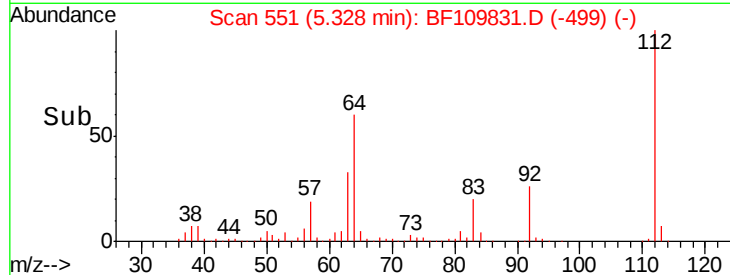
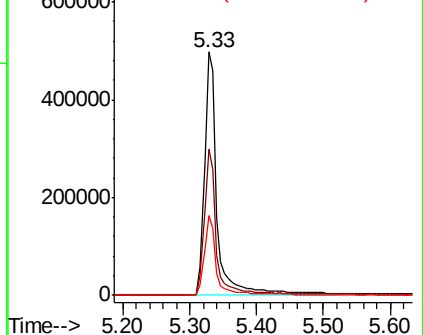
Tot Ion	Ratio	Resp Lower	Upper
112	100		
64	60.3	44.1	66.1
63	32.8	23.7	35.5

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Abundance Ion 112.00 (111.70 to 112.70): BF1
Ion 64.00 (63.70 to 64.70): BF1
Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 33.221 ng

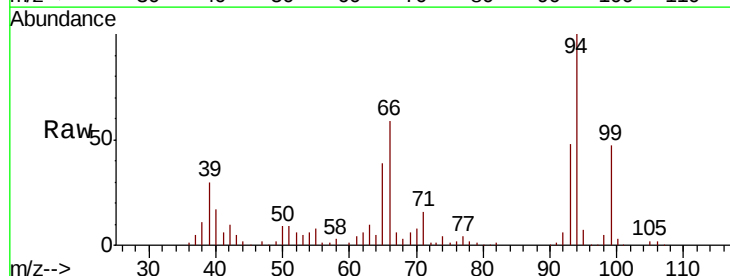
RT: 6.36 min Scan# 727

Delta R.T. -0.01 min

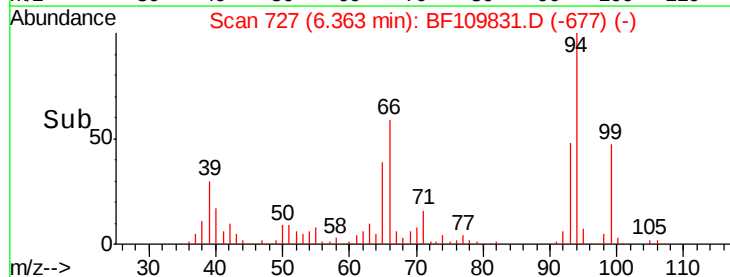
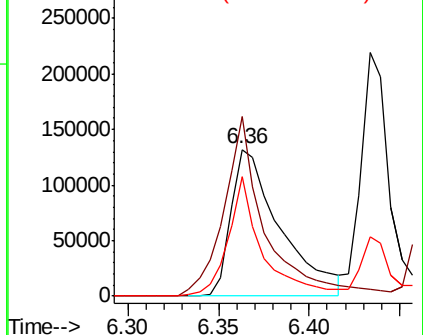
Lab File: BF109831.D

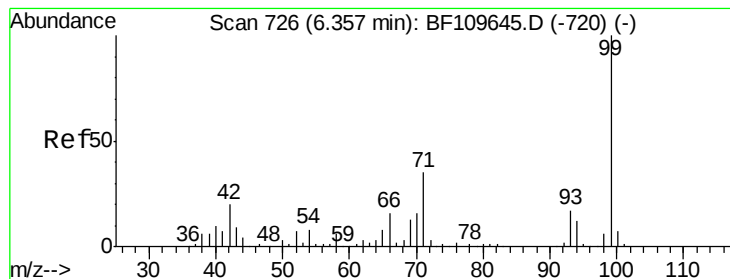
Acq: 12 Oct 2018 14:06

Tgt Ion	Ratio	Resp Lower	Upper
93	100		
66	122.4	67.4	101.0#
65	81.5	41.0	61.4#



Abundance Ion 93.00 (92.70 to 93.70): BF1
Ion 66.00 (65.70 to 66.70): BF1
Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 131.805 ng

RT: 6.35 min Scan# 725

Delta R.T. -0.01 min

Lab File: BF109831.D

Acq: 12 Oct 2018 14:06

Instrument :

BNA_F

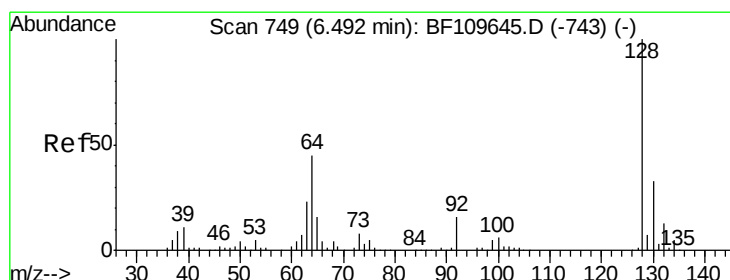
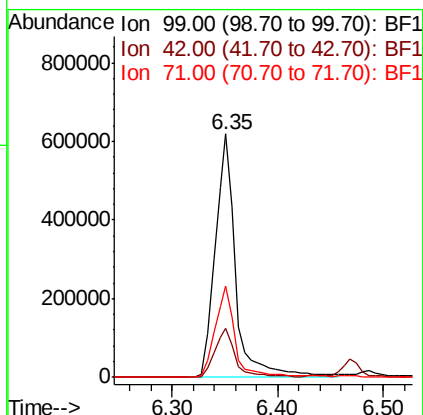
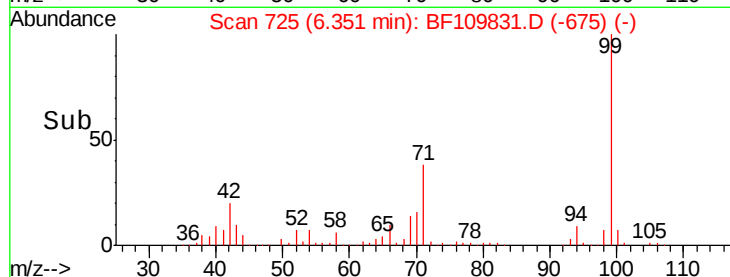
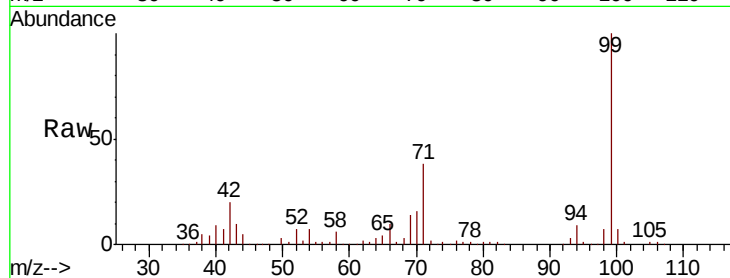
ClientSampleId :

PB113692BS

Tot Ion:	99	Resp:	850273
Ion Ratio	Lower	Upper	
99	100		
42	20.3	15.8	23.6
71	37.7	28.0	42.0

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#8

2-Chlorophenol

Concen: 44.055 ng

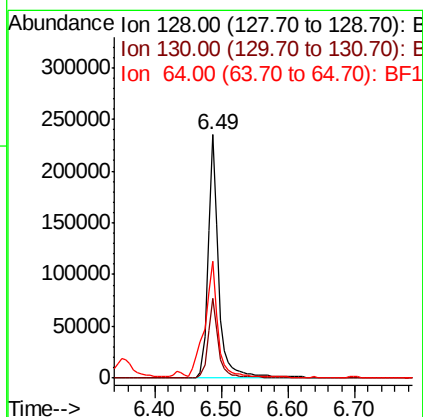
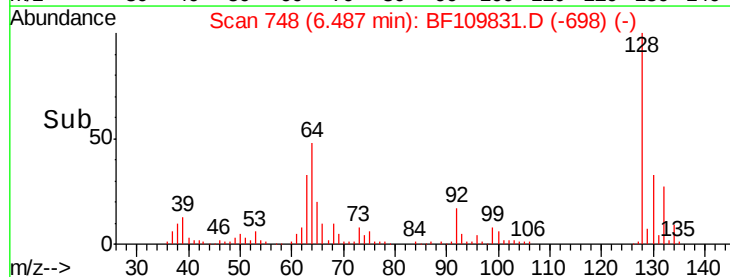
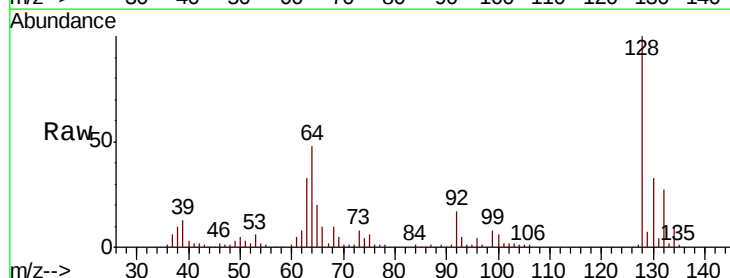
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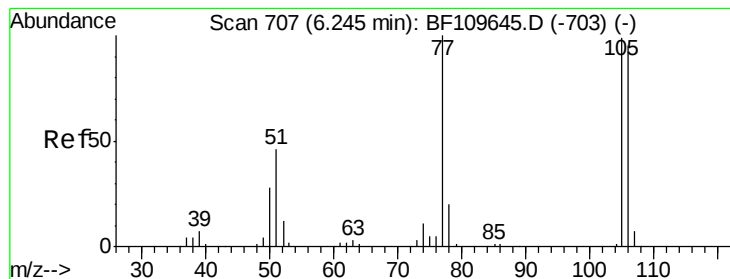
Delta R.T. -0.01 min

Lab File: BF109831.D

Acq: 12 Oct 2018 14:06

Tgt Ion:	128	Resp:	261640
Ion Ratio	Lower	Upper	
128	100		
130	32.8	13.1	53.1
64	47.9	26.0	66.0





#9

Benzaldehyde

Concen: 31.132 ng

RT: 6.25 min Scan# 707

Delta R.T. -0.00 min

Lab File: BF109831.D

Acq: 12 Oct 2018 14:06

Instrument :

BNA_F

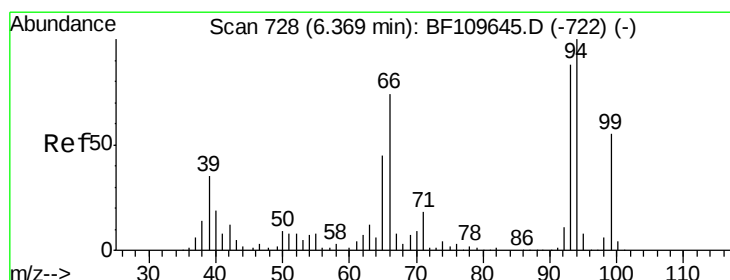
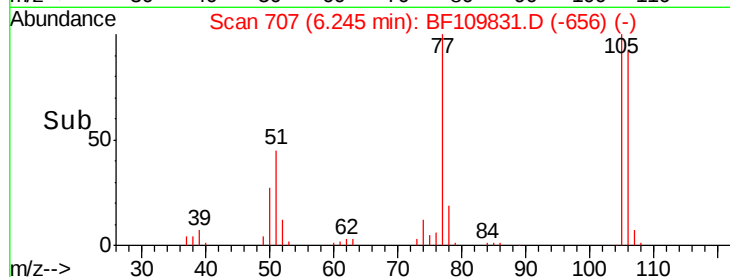
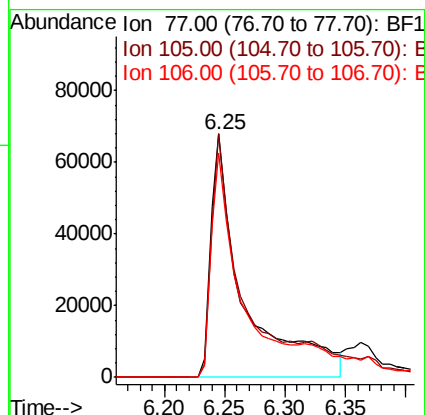
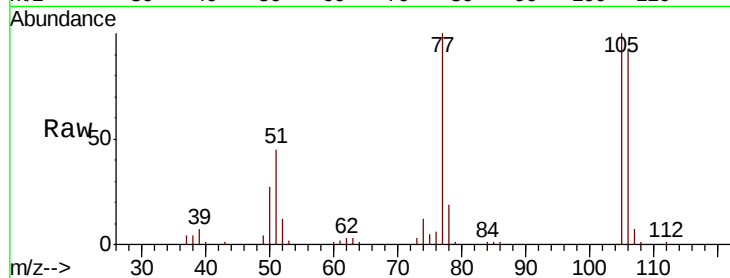
ClientSampleId :

PB113692BS

Tot Ion:	77	Resp:	129236
Ion	Ratio	Lower	Upper
77	100		
105	100.0	78.6	118.6
106	92.3	74.8	114.8

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#10

Phenol

Concen: 40.605 ng

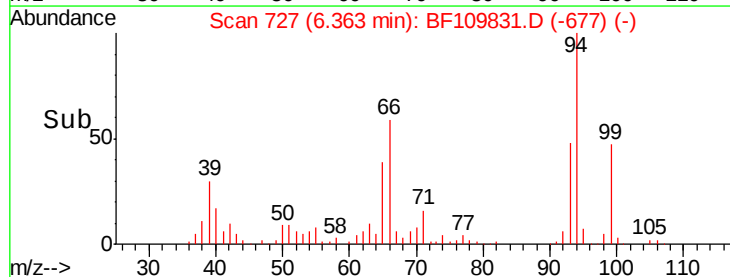
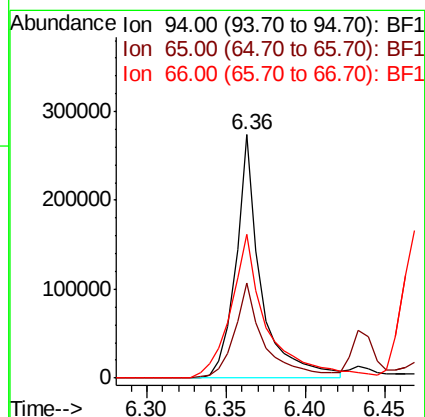
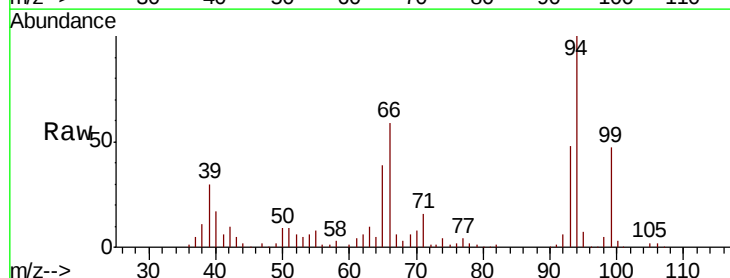
RT: 6.36 min Scan# 727

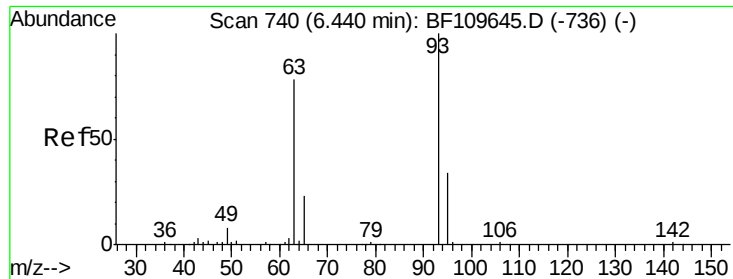
Delta R.T. -0.01 min

Lab File: BF109831.D

Acq: 12 Oct 2018 14:06

Tgt Ion:	94	Resp:	300367
Ion	Ratio	Lower	Upper
94	100		
65	39.3	25.3	65.3
66	59.0	54.5	94.5





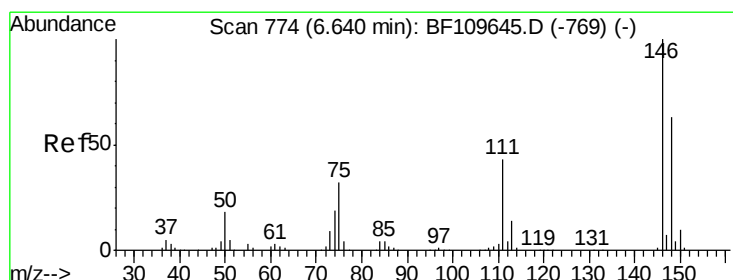
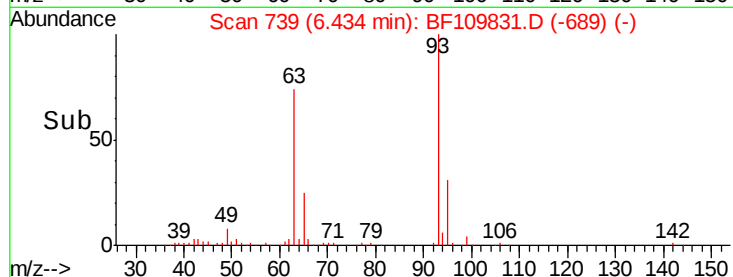
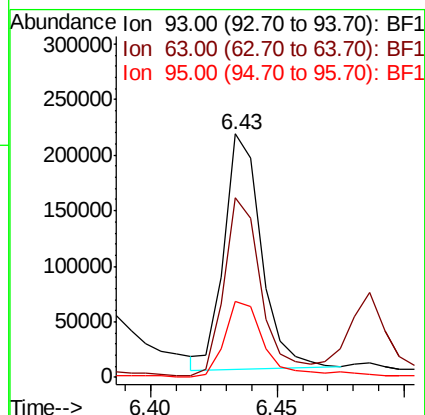
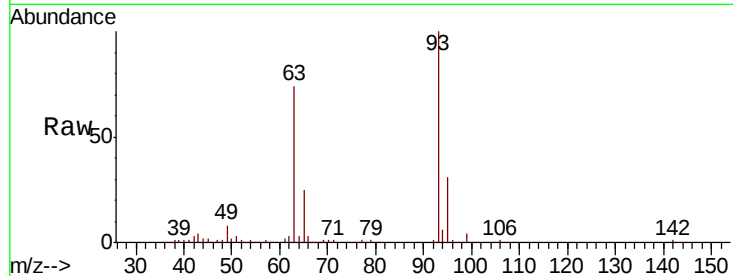
#11
bis(2-Chloroethyl)ether
Concen: 35.280 ng
RT: 6.43 min Scan# 739
Delta R.T. -0.01 min
Lab File: BF109831.D
Acq: 12 Oct 2018 14:06

Instrument :
BNA_F
ClientSampleId :
PB113692BS

Tot Ion:	93	Resp:	216359
Ion Ratio	Lower	Upper	
93	100		
63	74.0	53.4	93.4
95	30.9	12.1	52.1

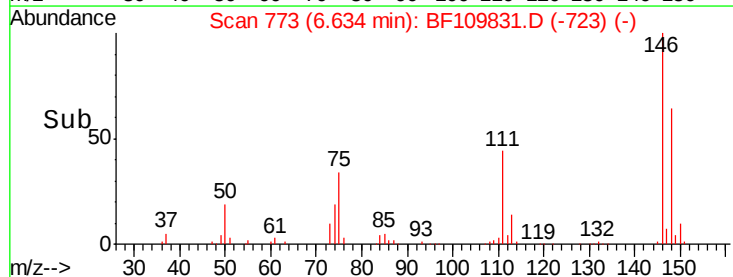
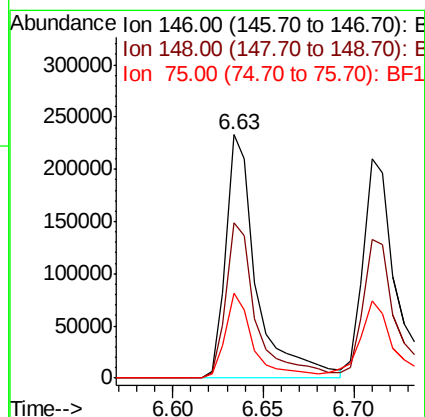
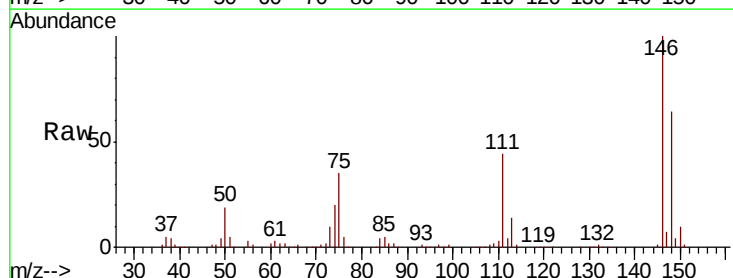
Manual Integrations
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#12
1,3-Dichlorobenzene
Concen: 40.714 ng
RT: 6.63 min Scan# 773
Delta R.T. -0.01 min
Lab File: BF109831.D
Acq: 12 Oct 2018 14:06

Tgt Ion:	146	Resp:	276555
Ion Ratio	Lower	Upper	
146	100		
148	63.8	50.4	75.6
75	34.7	25.8	38.6





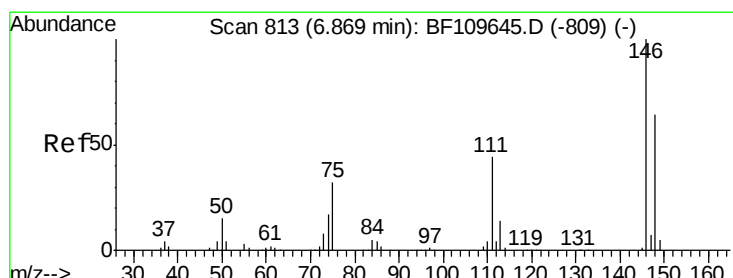
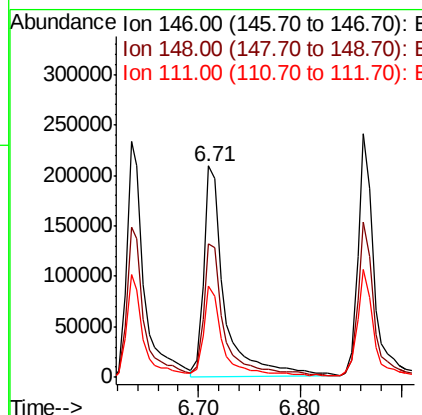
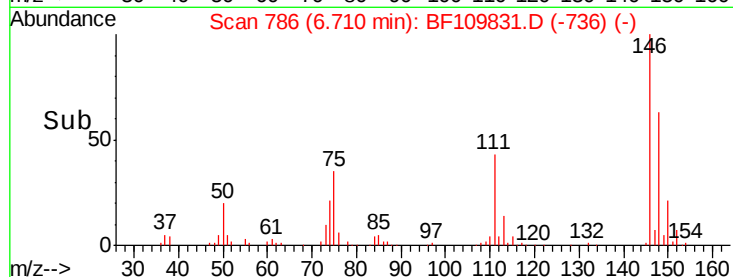
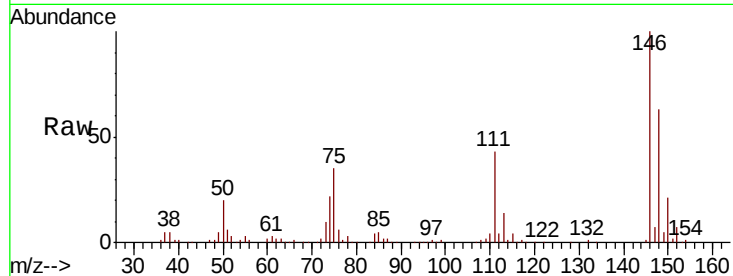
#13
 1,4-Dichlorobenzene
 Concen: 40.786 ng
 RT: 6.71 min Scan# 786
 Delta R.T. -0.01 min
 Lab File: BF109831.D
 Acq: 12 Oct 2018 14:06

Instrument :
 BNA_F
 ClientSampleId :
 PB113692BS

Tot Ion	Ratio	Lower	Upper
146	100		
148	63.3	50.3	75.5
111	43.3	32.7	49.1

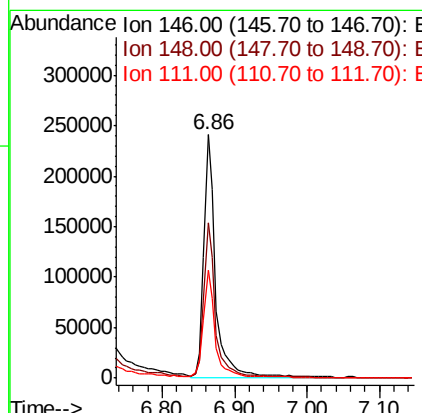
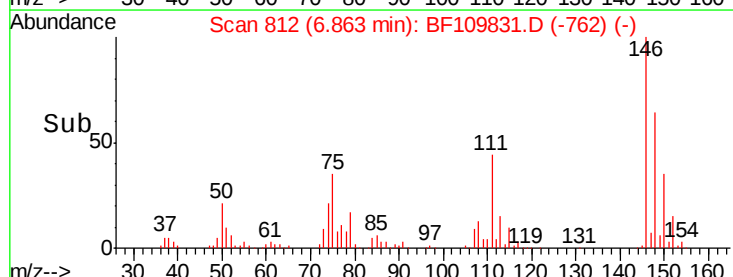
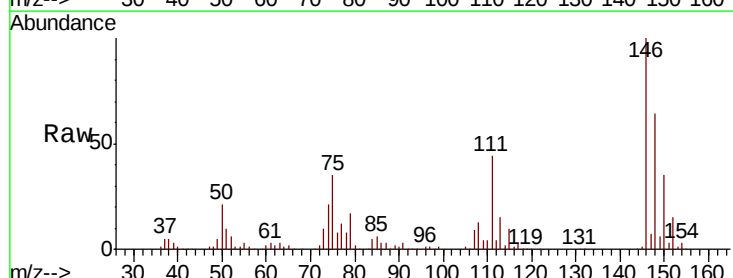
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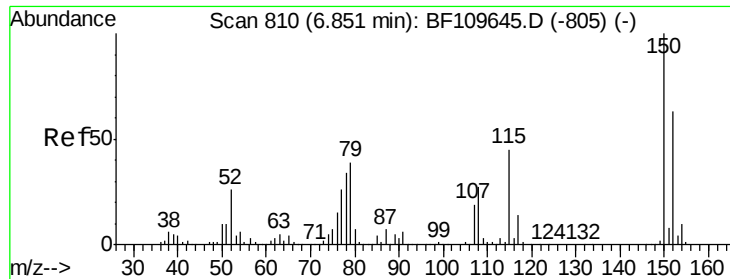
Sohil
 10/15/2018 10:28:22 AM



#14
 1,2-Dichlorobenzene
 Concen: 41.829 ng
 RT: 6.86 min Scan# 812
 Delta R.T. -0.01 min
 Lab File: BF109831.D
 Acq: 12 Oct 2018 14:06

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.0	51.1	76.7
111	44.5	35.8	53.6





#15

Benzyl Alcohol

Concen: 42.649 ng

RT: 6.85 min Scan# 810

Delta R.T. -0.00 min

Lab File: BF109831.D

Acq: 12 Oct 2018 14:06

Instrument :

BNA_F

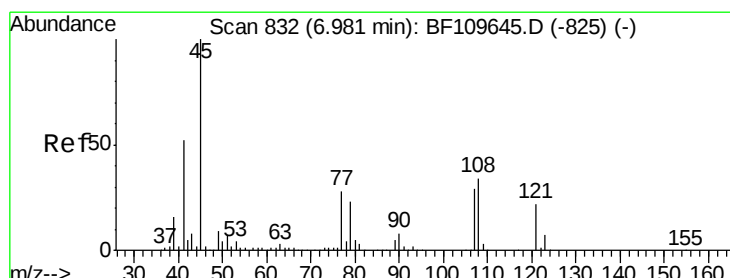
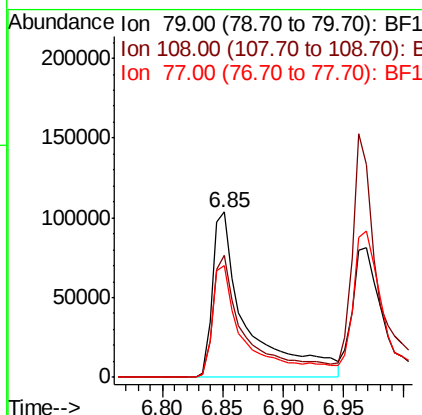
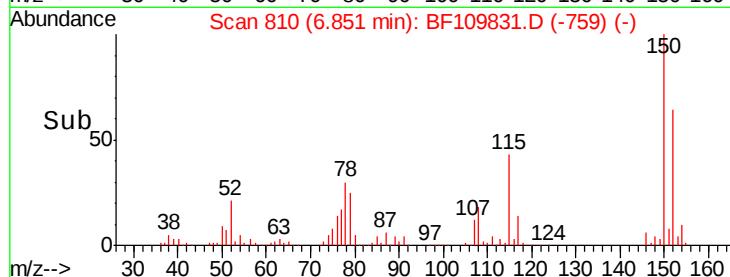
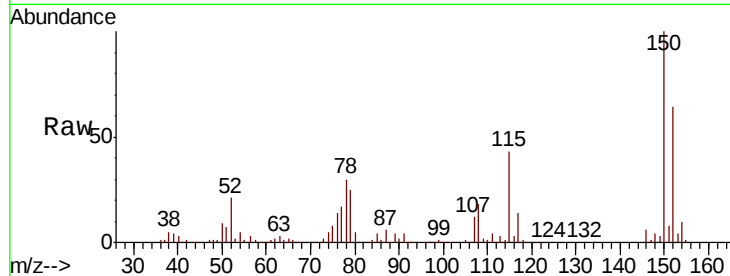
ClientSampleId :

PB113692BS

Tot Ion:	79	Resp:	203968
Ion Ratio	Lower	Upper	
79	100		
108	73.8	56.3	84.5
77	68.0	52.9	79.3

Manual Integrations
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#16

2,2'-oxybis(1-chloropropane)

Concen: 41.061 ng

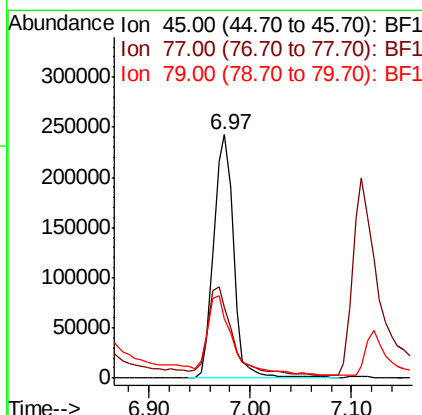
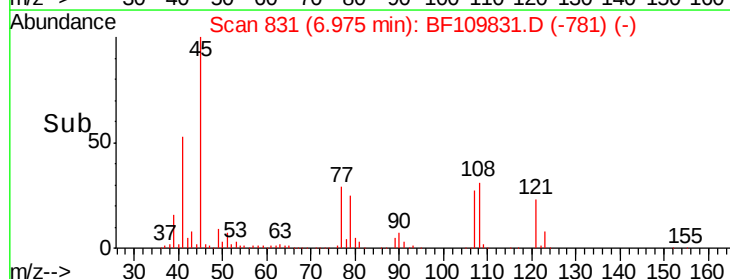
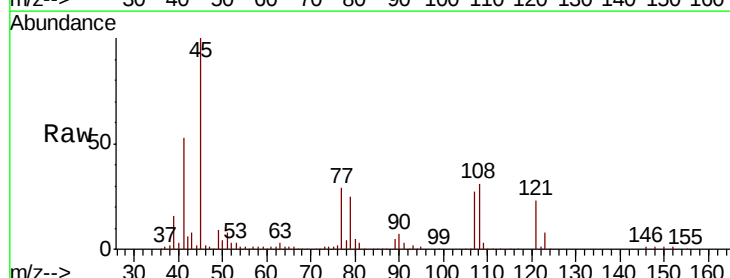
RT: 6.97 min Scan# 831

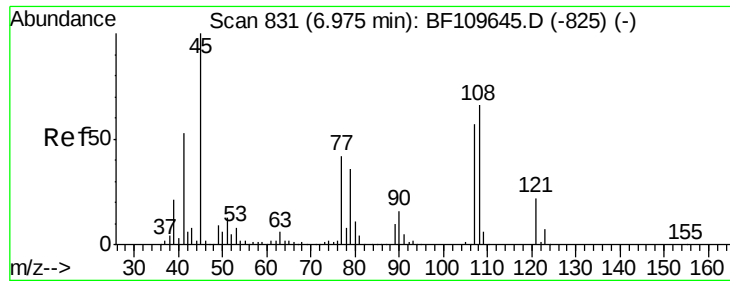
Delta R.T. -0.01 min

Lab File: BF109831.D

Acq: 12 Oct 2018 14:06

Tgt Ion:	45	Resp:	333901
Ion Ratio	Lower	Upper	
45	100		
77	29.0	10.0	50.0
79	24.6	6.1	46.1





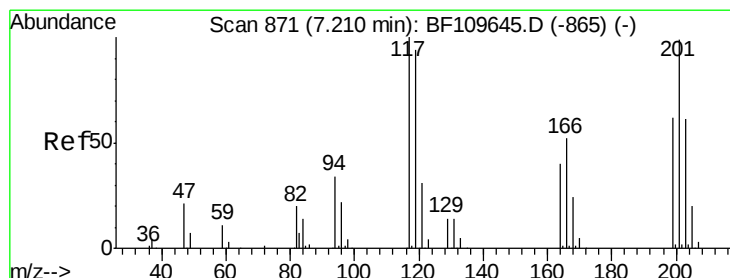
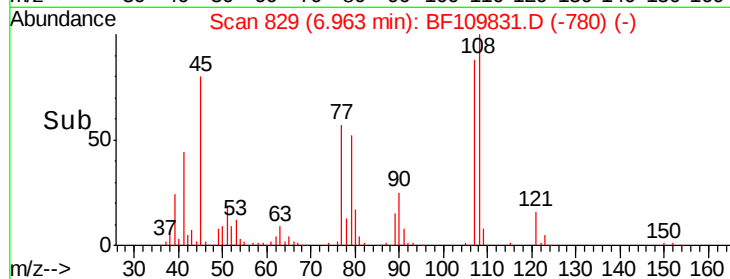
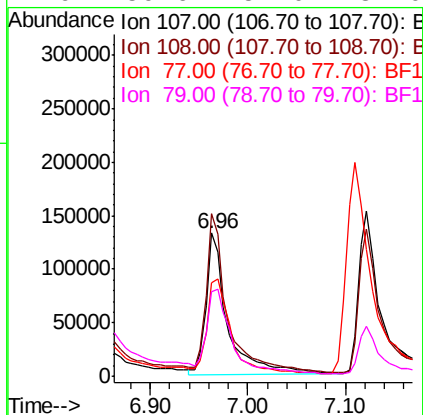
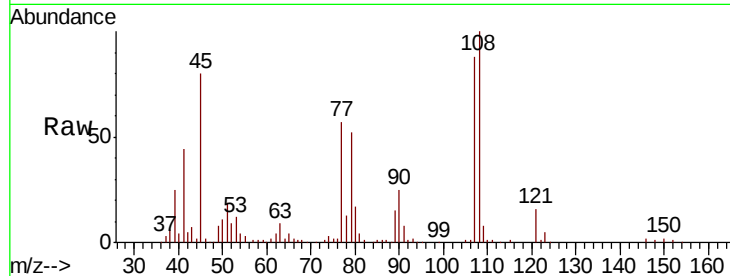
#17
2-Methylphenol
Concen: 44.102 ng
RT: 6.96 min Scan# 829
Delta R.T. -0.01 min
Lab File: BF109831.D
Acq: 12 Oct 2018 14:06

Instrument :
BNA_F
ClientSampleID :
PB113692BS

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	114.2	92.6	138.8	
77	65.5	59.4	89.2	
79	59.6	54.0	81.0	

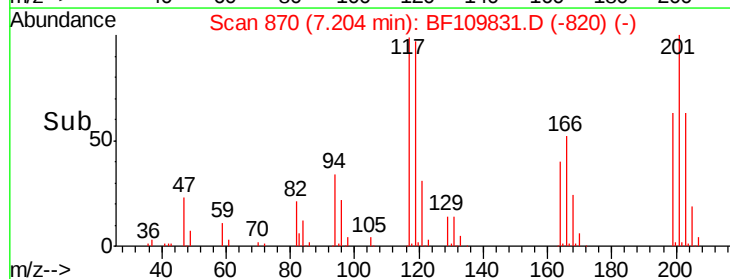
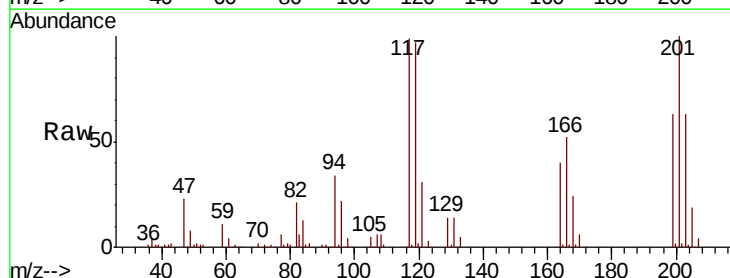
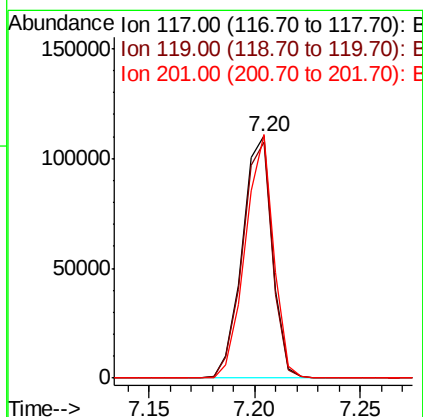
Manual Integrations
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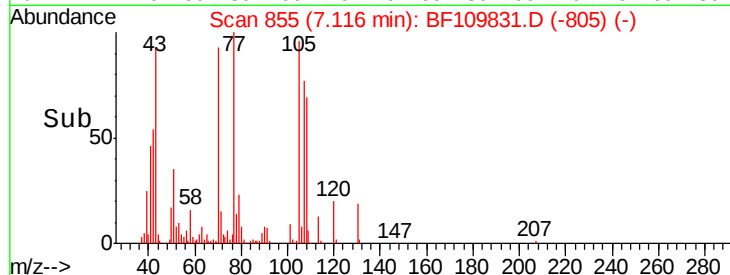
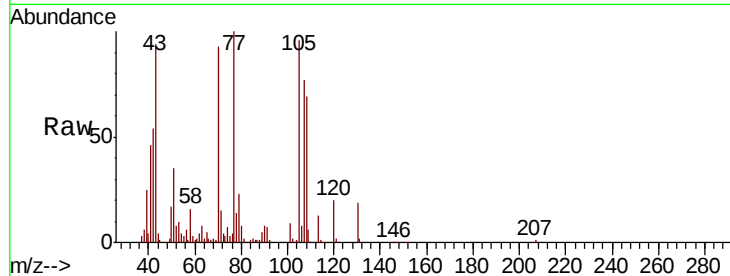
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#18
Hexachloroethane
Concen: 41.596 ng
RT: 7.20 min Scan# 870
Delta R.T. -0.01 min
Lab File: BF109831.D
Acq: 12 Oct 2018 14:06

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	97.8	75.0	112.6	
201	100.7	79.2	118.8	





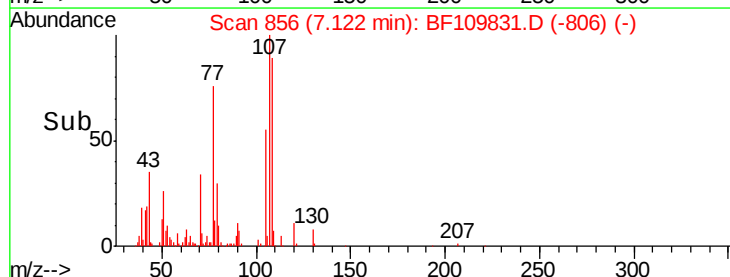
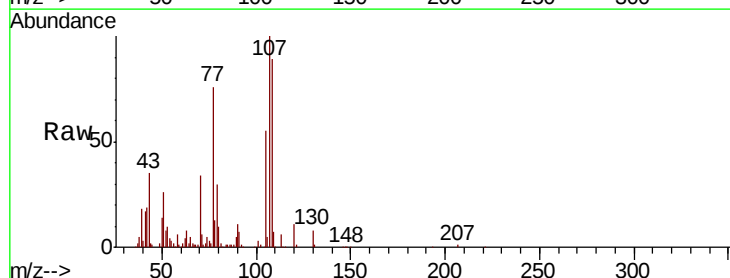
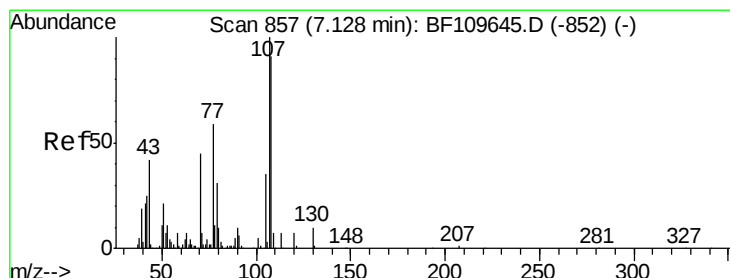
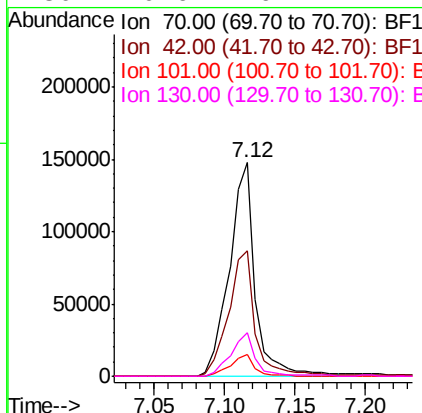
#19
n-Nitroso-di-n-propylamine
Concen: 41.318 ng
RT: 7.12 min Scan# 855
Delta R.T. -0.01 min
Lab File: BF109831.D
Acq: 12 Oct 2018 14:06

Instrument :
BNA_F
ClientSampleId :
PB113692BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
70	100				
42	58.5		47.4	71.2	
101	9.9		7.3	10.9	
130	20.6		16.2	24.2	

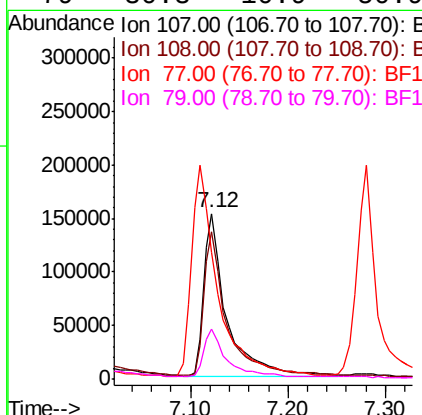
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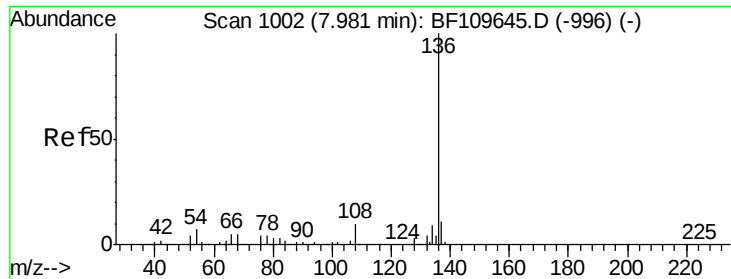
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#20
3+4-Methylphenols
Concen: 42.502 ng
RT: 7.12 min Scan# 856
Delta R.T. -0.01 min
Lab File: BF109831.D
Acq: 12 Oct 2018 14:06

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
107	100				
108	88.8		71.4	111.4	
77	76.4		47.3	87.3	
79	30.3		10.9	50.9	





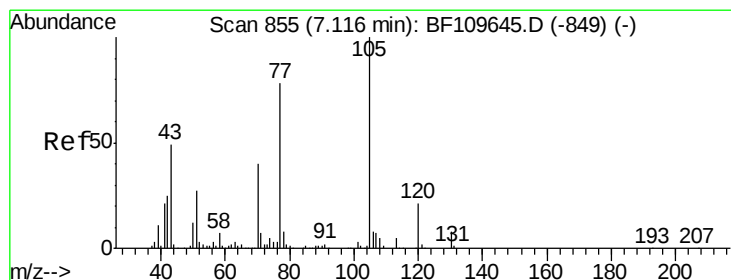
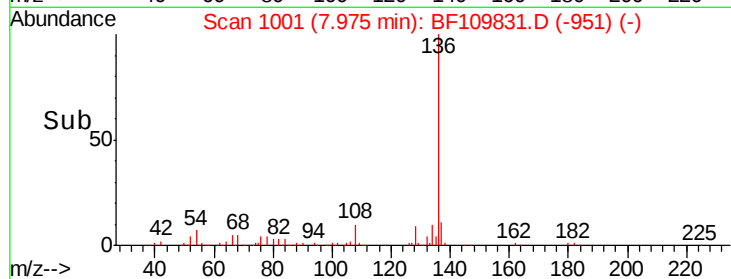
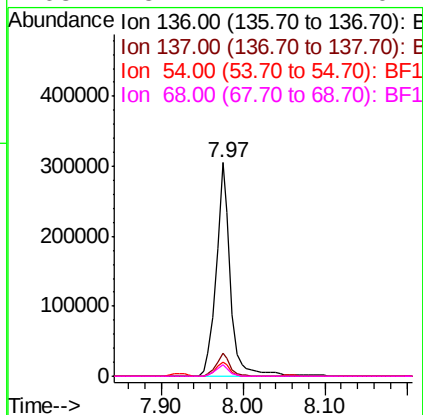
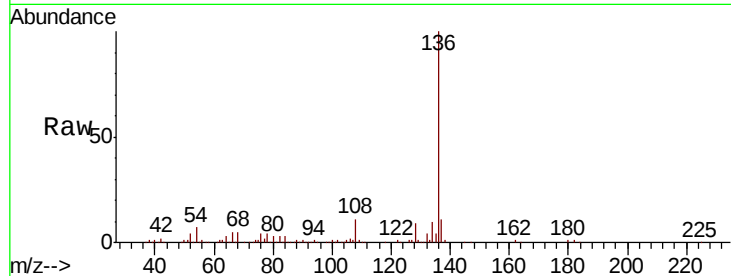
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.97 min Scan# 1001
Delta R.T. -0.01 min
Lab File: BF109831.D
Acq: 12 Oct 2018 14:06

Instrument :
BNA_F
ClientSampleId :
PB113692BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
136	100		371239		
137	10.6		8.8	13.2	
54	6.9		5.4	8.2	
68	5.2		4.2	6.2	

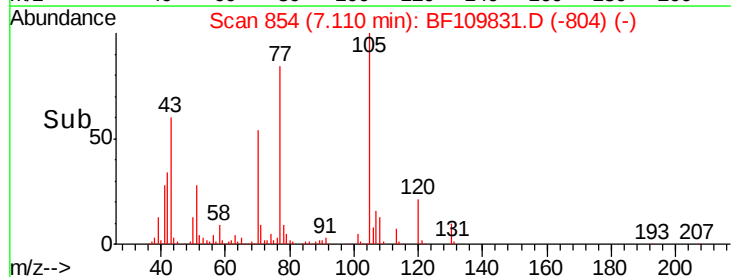
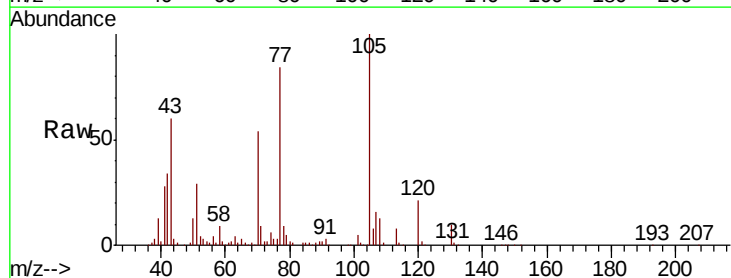
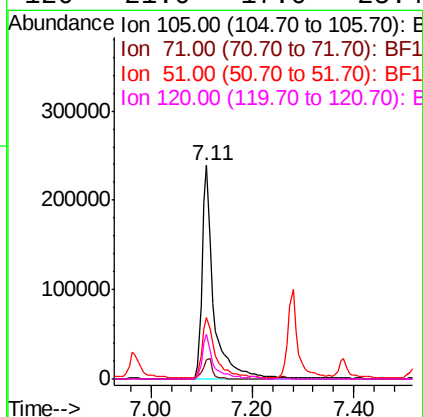
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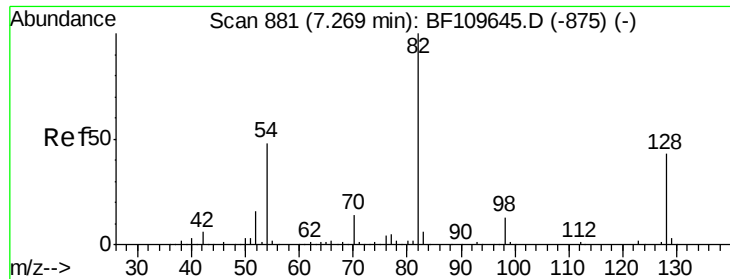
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#22
Acetophenone
Concen: 42.735 ng
RT: 7.11 min Scan# 854
Delta R.T. -0.01 min
Lab File: BF109831.D
Acq: 12 Oct 2018 14:06

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
105	100		383641		
71	8.8		5.2	7.8#	
51	28.6		21.8	32.8	
120	21.0		17.0	25.4	





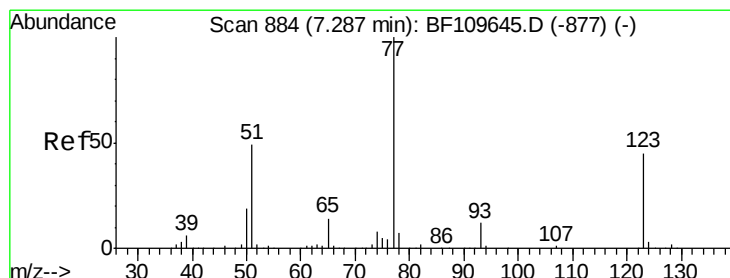
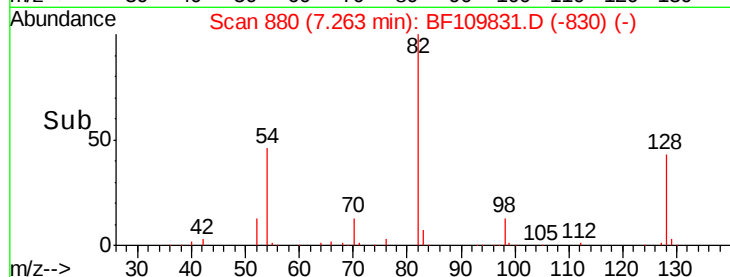
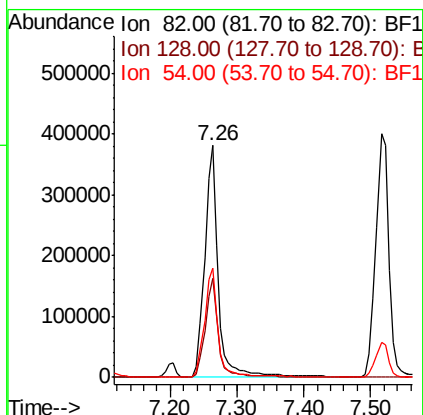
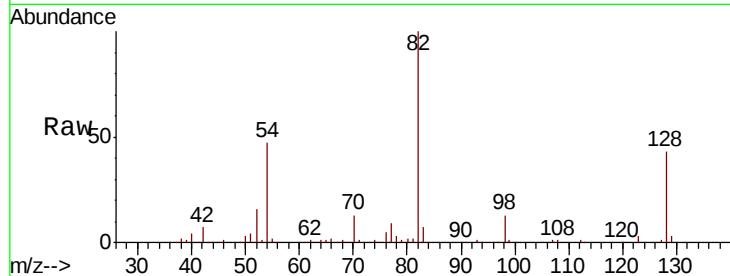
#23
Nitrobenzene-d5
Concen: 79.337 ng
RT: 7.26 min Scan# 880
Delta R.T. -0.01 min
Lab File: BF109831.D
Acq: 12 Oct 2018 14:06

Instrument :
BNA_F
ClientSampleId :
PB113692BS

Tot Ion	Ratio	Lower	Upper
82	100		
128	42.5	34.2	51.2
54	47.3	38.6	58.0

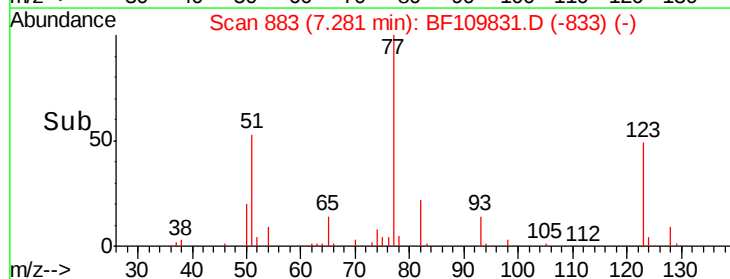
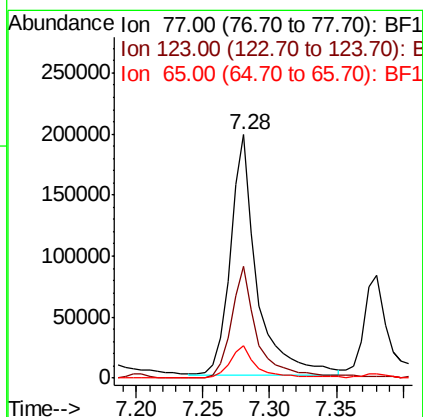
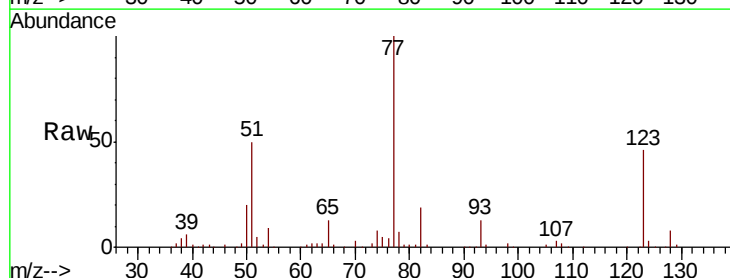
Manual Integrations
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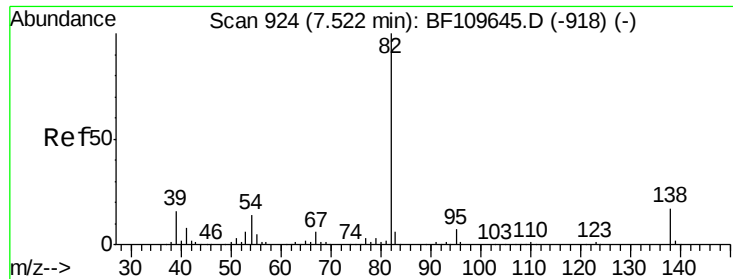
Sohil
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#24
Nitrobenzene
Concen: 39.421 ng
RT: 7.28 min Scan# 883
Delta R.T. -0.01 min
Lab File: BF109831.D
Acq: 12 Oct 2018 14:06

Tgt Ion	Ratio	Lower	Upper
77	100		
123	45.8	35.7	53.5
65	13.3	10.7	16.1





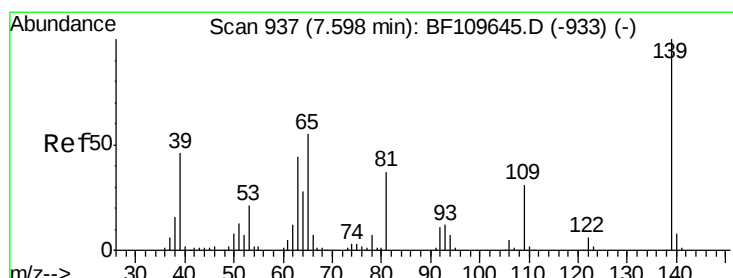
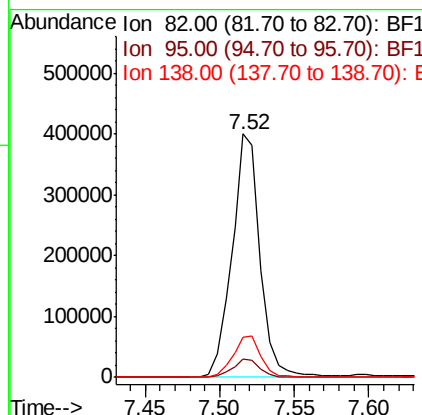
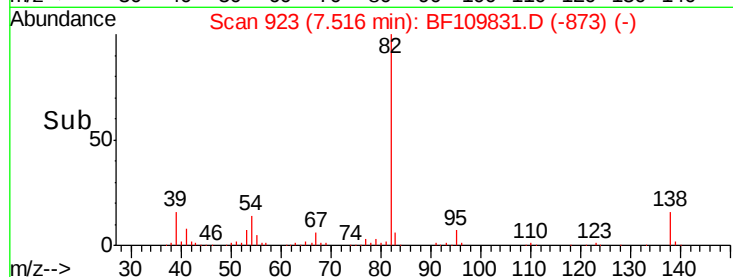
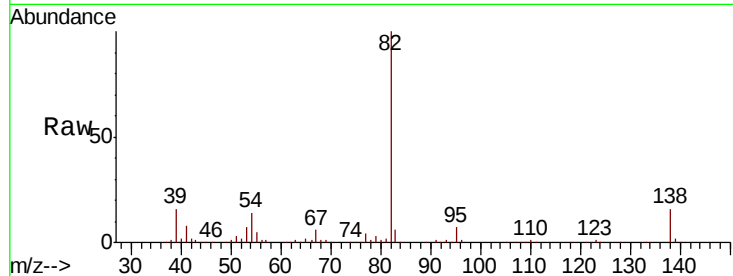
#25
Isophorone
Concen: 46.449 ng
RT: 7.52 min Scan# 923
Delta R.T. -0.01 min
Lab File: BF109831.D
Acq: 12 Oct 2018 14:06

Instrument :
BNA_F
ClientSampled :
PB113692BS

Tot Ion	Ratio	Lower	Upper
82	100		
95	7.3	5.7	8.5
138	16.3	13.2	19.8

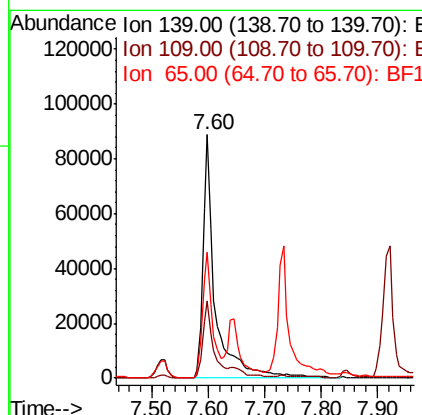
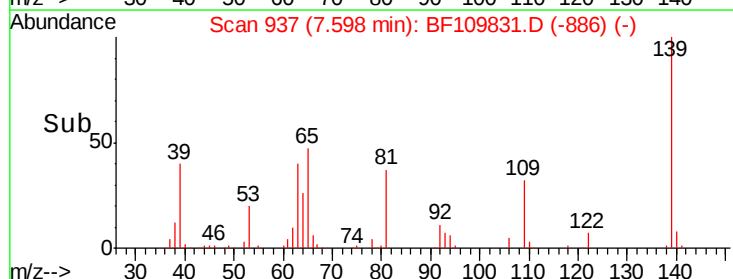
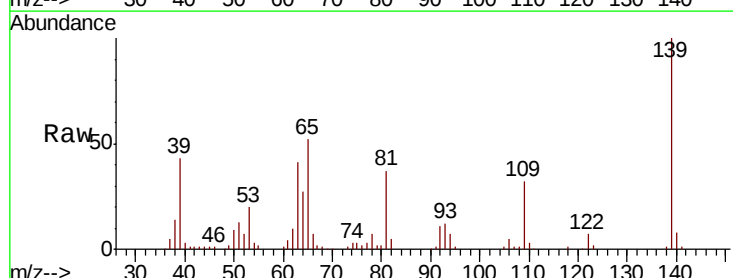
Manual Integrations
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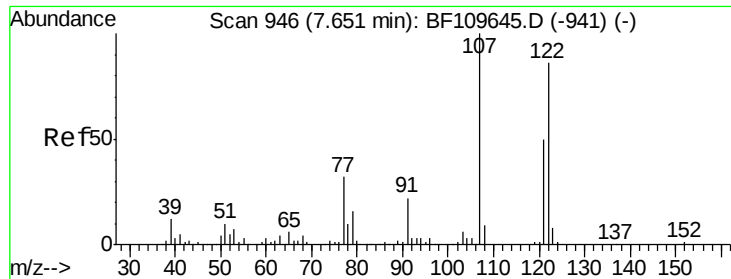
Sohil
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#26
2-Nitrophenol
Concen: 41.160 ng
RT: 7.60 min Scan# 937
Delta R.T. -0.00 min
Lab File: BF109831.D
Acq: 12 Oct 2018 14:06

Tgt Ion	Ratio	Lower	Upper
139	100		
109	31.8	25.0	37.6
65	51.9	44.0	66.0





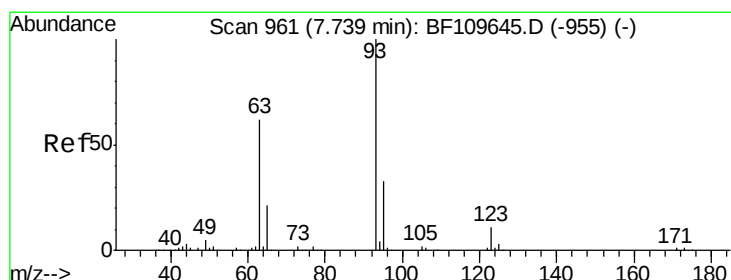
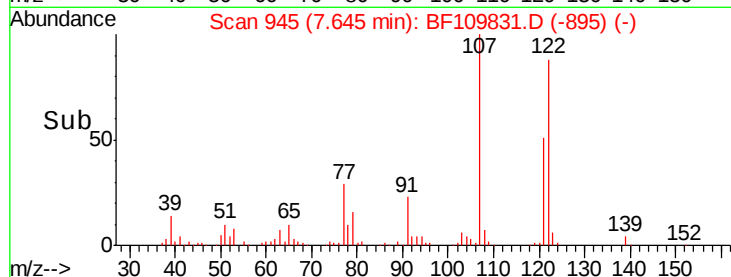
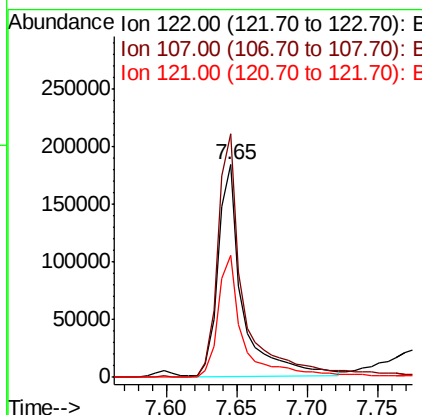
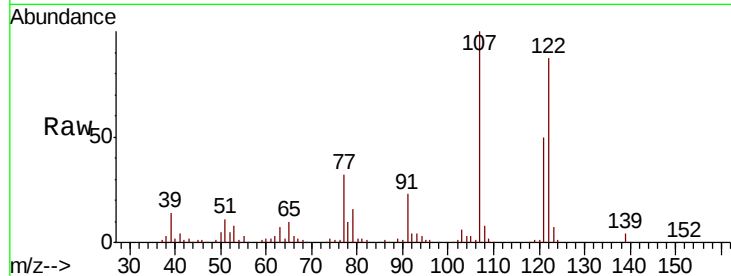
#27
 2,4-Dimethylphenol
 Concen: 47.083 ng
 RT: 7.65 min Scan# 945
 Delta R.T. -0.01 min
 Lab File: BF109831.D
 Acq: 12 Oct 2018 14:06

Instrument :
 BNA_F
 ClientSampleID :
 PB113692BS

Tot Ion	Ratio	Resp	Lower	Upper
122	100	222866		
107	114.5	92.5	138.7	
121	57.3	45.8	68.8	

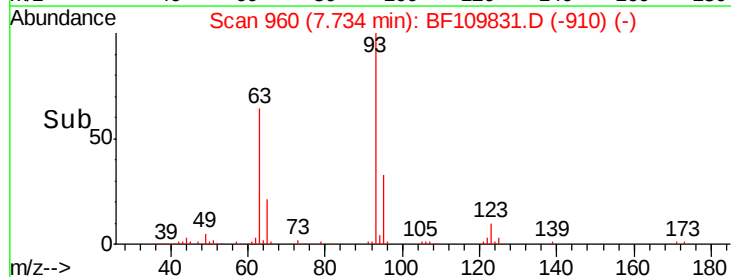
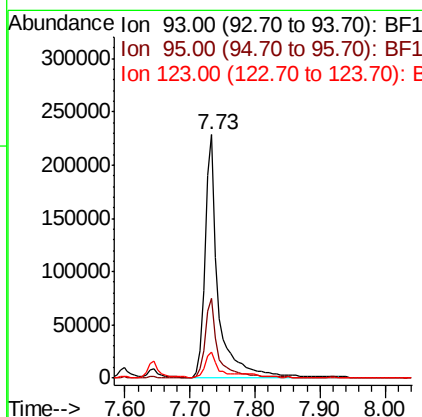
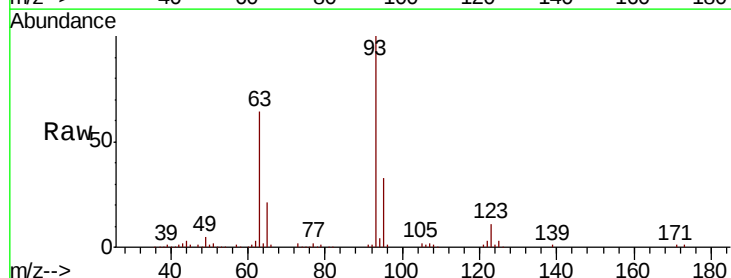
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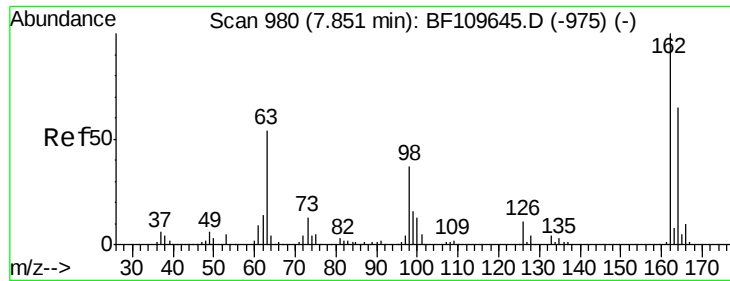
Sohil
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#28
 bis(2-Chloroethoxy)methane
 Concen: 42.023 ng
 RT: 7.73 min Scan# 960
 Delta R.T. -0.01 min
 Lab File: BF109831.D
 Acq: 12 Oct 2018 14:06

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	317882		
95	32.6	26.4	39.6	
123	10.9	9.0	13.6	





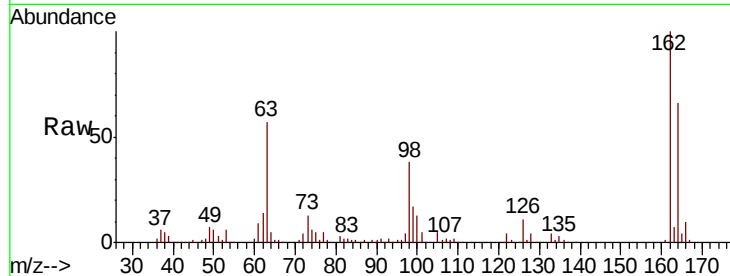
#29
 2,4-Dichlorophenol
 Concen: 42.156 ng
 RT: 7.85 min Scan# 979
 Delta R.T. -0.01 min
 Lab File: BF109831.D
 Acq: 12 Oct 2018 14:06

Instrument :
 BNA_F
 ClientSampleId :
 PB113692BS

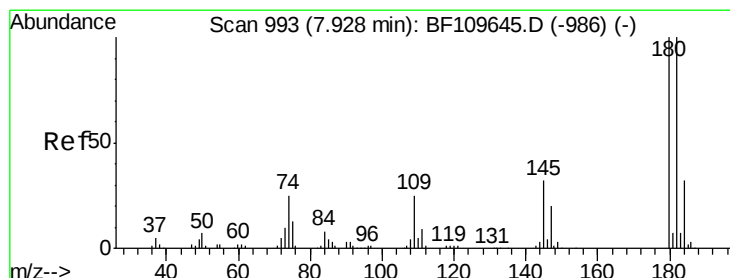
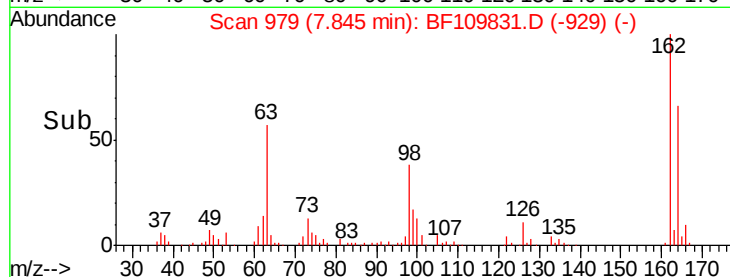
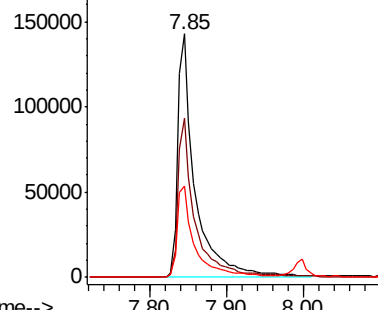
Tot Ion:	162	Resp:	223821
Ion Ratio	Lower	Upper	
162	100		
164	65.5	44.6	84.6
98	37.7	17.4	57.4

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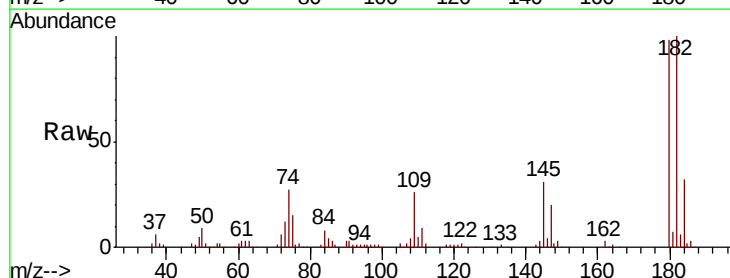


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF1

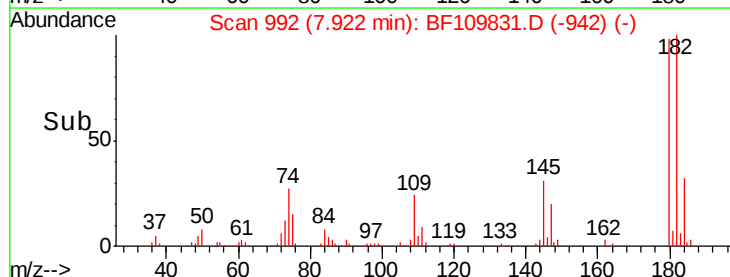
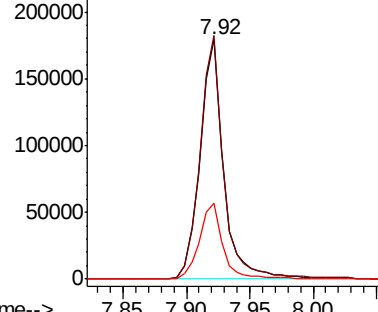


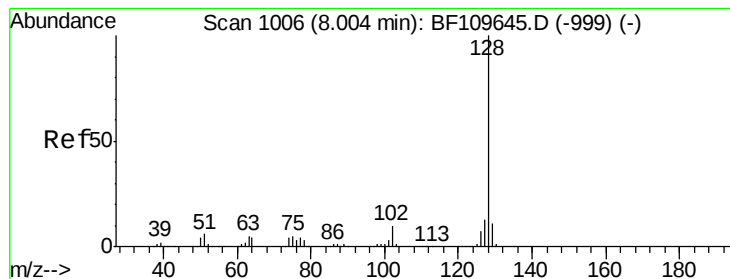
#30
 1,2,4-Trichlorobenzene
 Concen: 39.241 ng
 RT: 7.92 min Scan# 992
 Delta R.T. -0.01 min
 Lab File: BF109831.D
 Acq: 12 Oct 2018 14:06

Tgt Ion:	180	Resp:	230638
Ion Ratio	Lower	Upper	
180	100		
182	101.7	80.3	120.5
145	31.8	25.4	38.0



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





#31

Naphthalene

Concen: 46.113 ng

RT: 8.00 min Scan# 1005

Delta R.T. -0.01 min

Lab File: BF109831.D

Acq: 12 Oct 2018 14:06

Instrument :

BNA_F

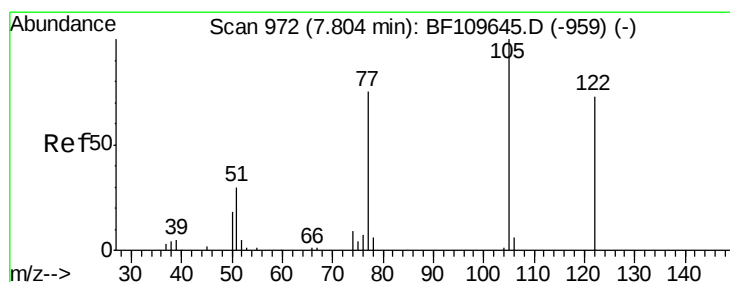
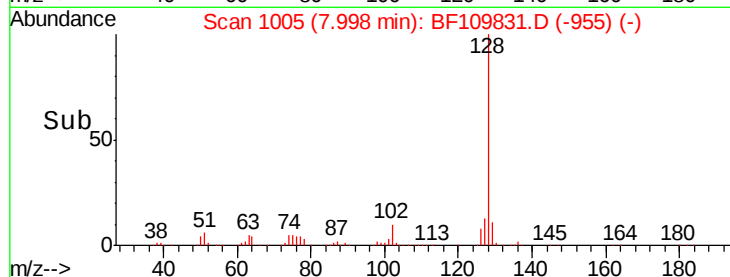
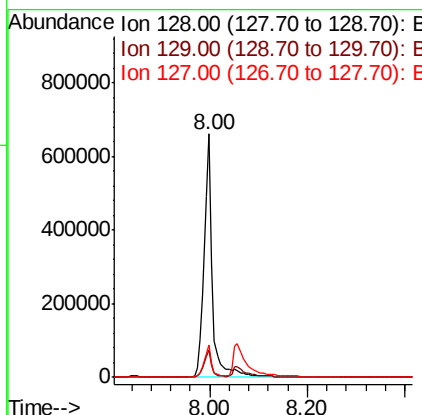
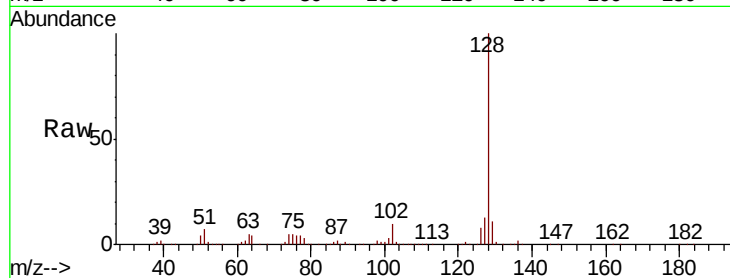
ClientSampleId :

PB113692BS

Tot Ion:	128	Resp:	791706
Ion Ratio	Lower	Upper	
128	100		
129	11.3	8.8	13.2
127	13.3	10.8	16.2

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#32

Benzoic acid

Concen: 32.327 ng

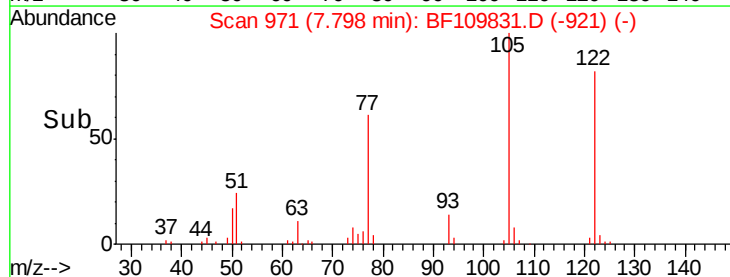
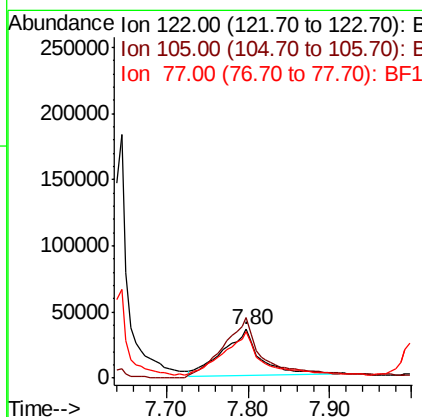
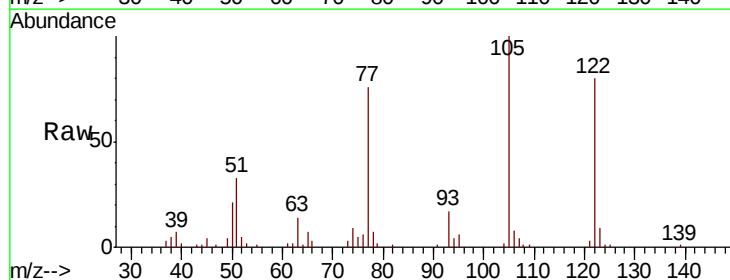
RT: 7.80 min Scan# 971

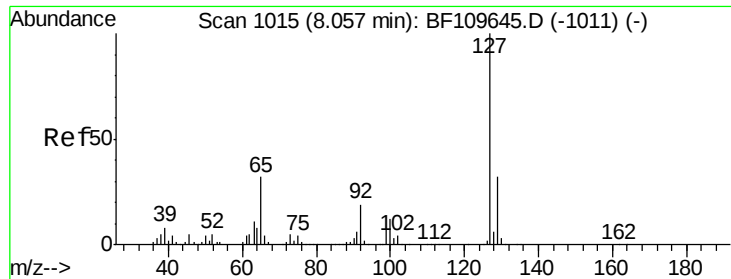
Delta R.T. -0.01 min

Lab File: BF109831.D

Acq: 12 Oct 2018 14:06

Tgt Ion:	122	Resp:	109402
Ion Ratio	Lower	Upper	
122	100		
105	124.4	109.0	149.0
77	94.1	79.0	119.0





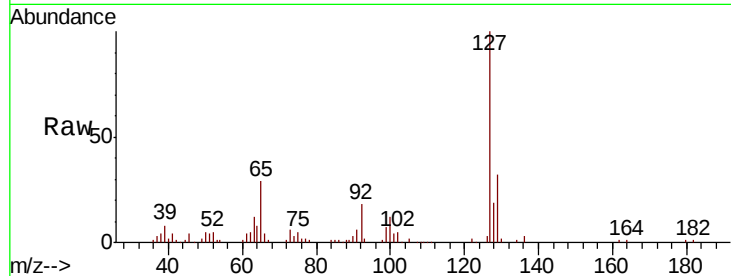
#33
4-Chloroaniline
Concen: 26.013 ng
RT: 8.06 min Scan# 1015
Delta R.T. -0.00 min
Lab File: BF109831.D
Acq: 12 Oct 2018 14:06

Instrument :
BNA_F
ClientSampleId :
PB113692BS

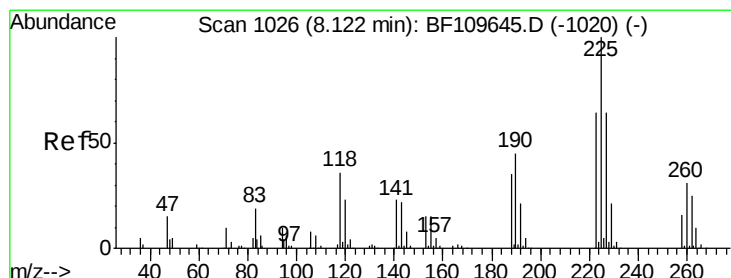
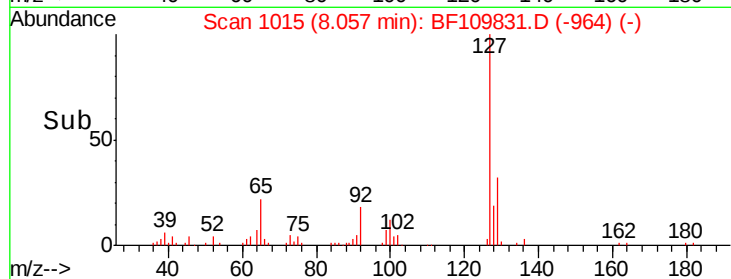
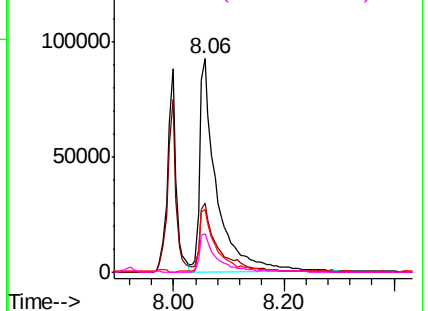
Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100				
129	32.2	26.0	39.0		
65	29.1	25.1	37.7		
92	18.2	15.0	22.6		

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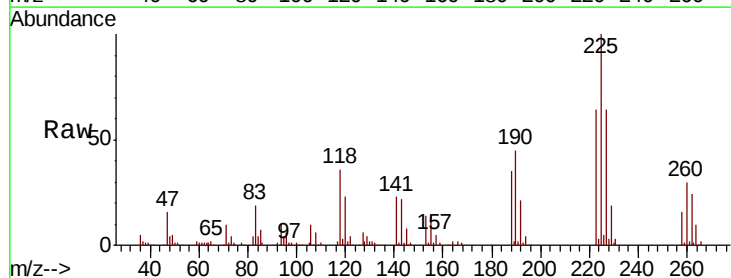


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1

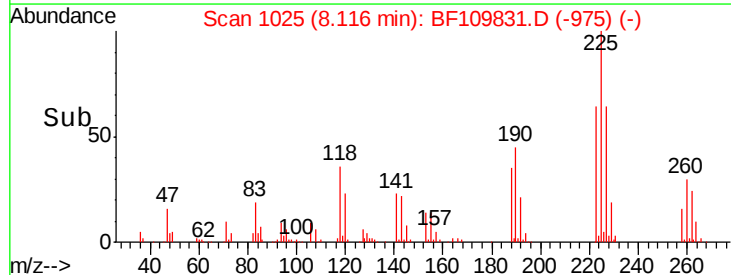
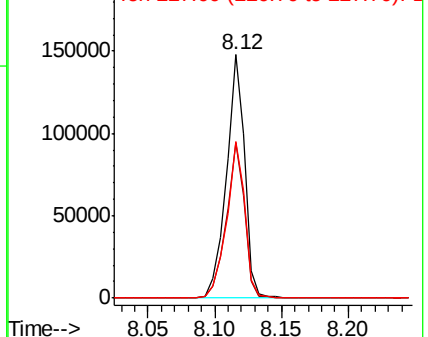


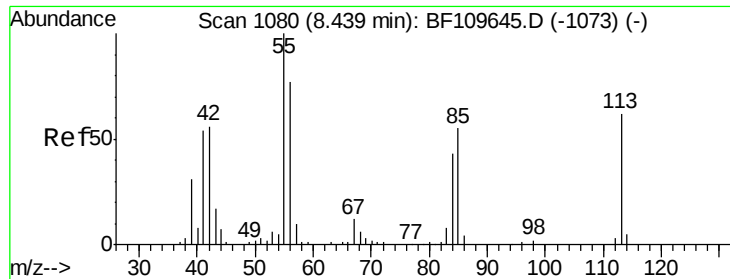
#34
Hexachlorobutadiene
Concen: 39.218 ng
RT: 8.12 min Scan# 1025
Delta R.T. -0.01 min
Lab File: BF109831.D
Acq: 12 Oct 2018 14:06

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100				
223	63.7	51.4	77.2		
227	64.1	51.0	76.6		



Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E





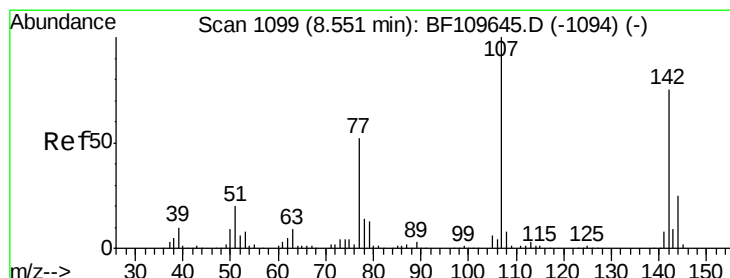
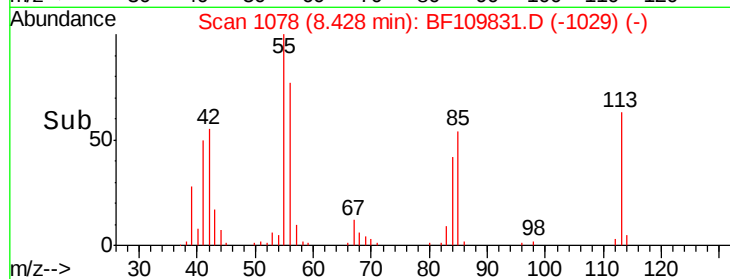
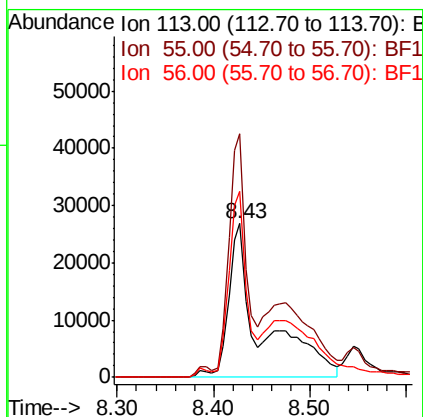
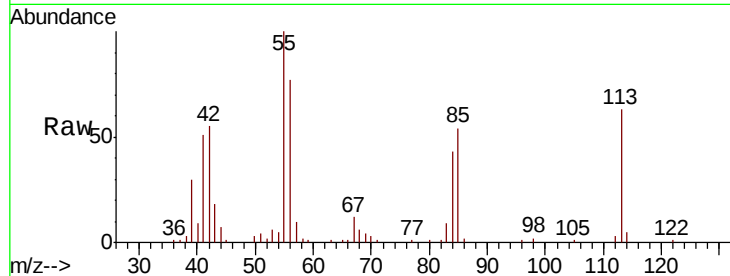
#35
Caprolactam
Concen: 40.237 ng/ml
RT: 8.43 min Scan# 1078
Delta R.T. -0.01 min
Lab File: BF109831.D
Acq: 12 Oct 2018 14:06

Instrument :
BNA_F
ClientSampleID :
PB113692BS

Tot Ion	Ratio	Lower	Upper
113	100		
55	158.5	142.8	182.8
56	121.4	105.0	145.0

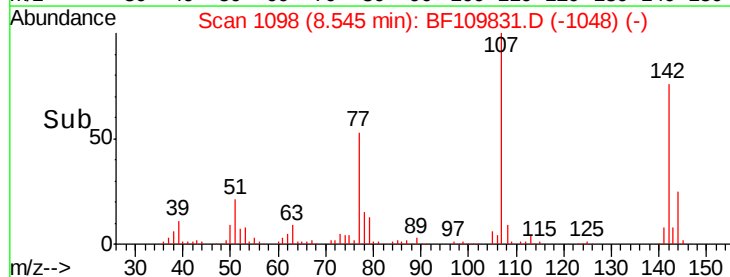
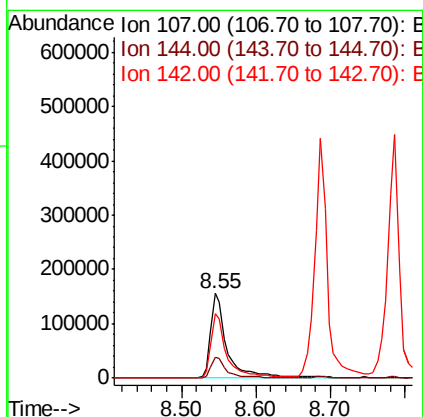
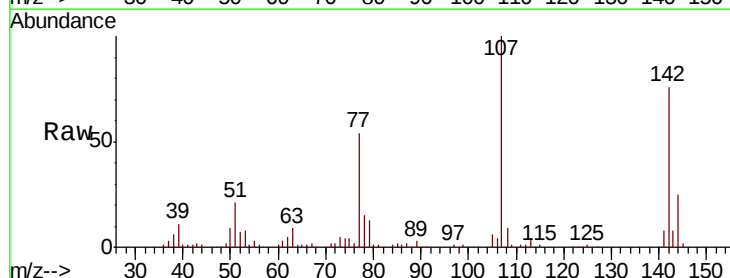
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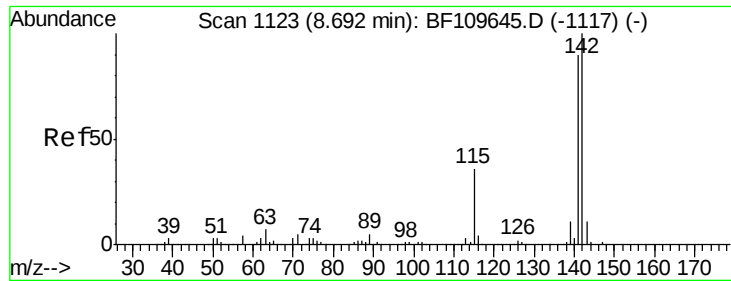
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#36
4-Chloro-3-methylphenol
Concen: 42.693 ng/ml
RT: 8.55 min Scan# 1098
Delta R.T. -0.01 min
Lab File: BF109831.D
Acq: 12 Oct 2018 14:06

Tgt Ion	Ratio	Lower	Upper
107	100		
144	25.3	20.0	30.0
142	75.8	59.7	89.5





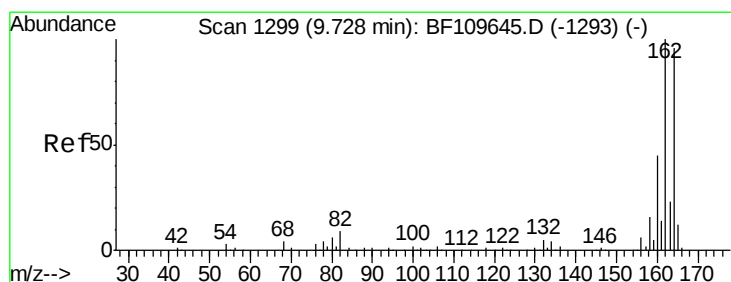
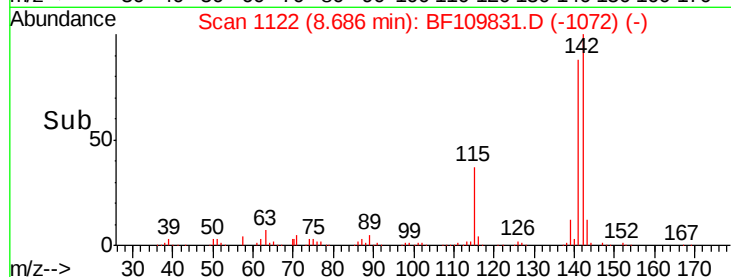
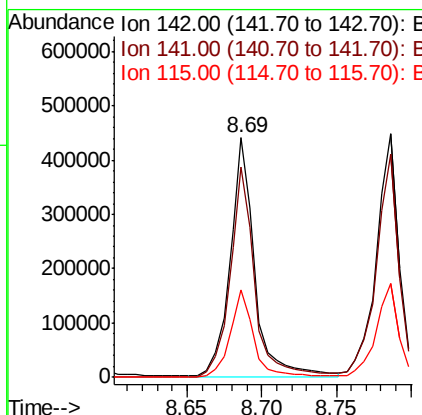
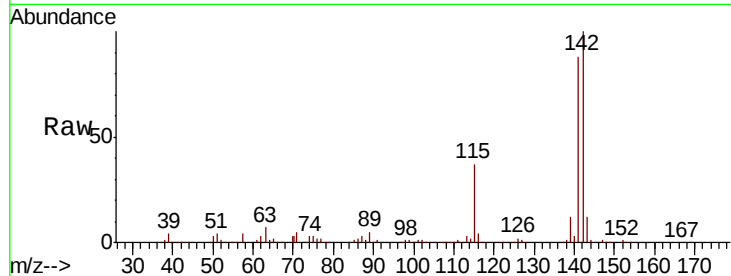
#37
2-Methylnaphthalene
Concen: 45.518 ng
RT: 8.69 min Scan# 1122
Delta R.T. -0.01 min
Lab File: BF109831.D
Acq: 12 Oct 2018 14:06

Instrument :
BNA_F
ClientSampleId :
PB113692BS

Tot Ion	Ratio	Lower	Upper
142	100		
141	87.9	71.4	107.2
115	36.7	28.7	43.1

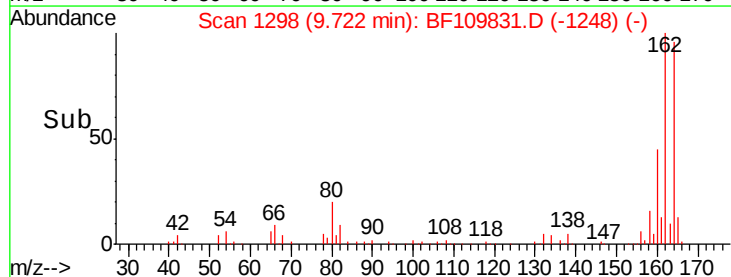
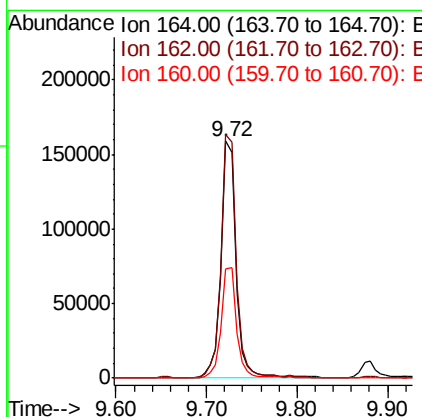
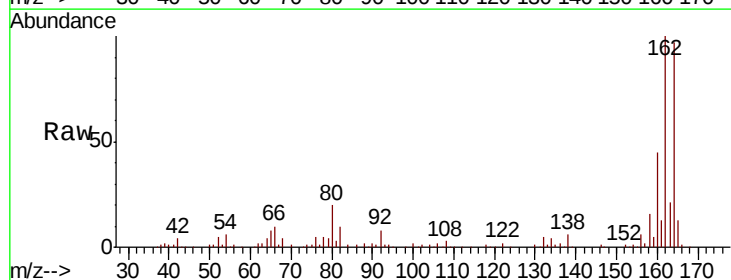
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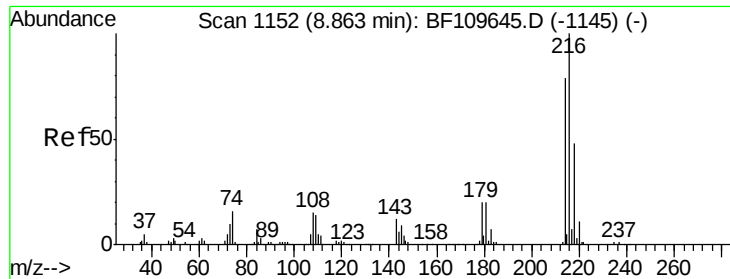
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#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.72 min Scan# 1298
Delta R.T. -0.01 min
Lab File: BF109831.D
Acq: 12 Oct 2018 14:06

Tgt Ion	Ratio	Lower	Upper
164	100		
162	102.7	83.0	124.6
160	46.2	37.0	55.6





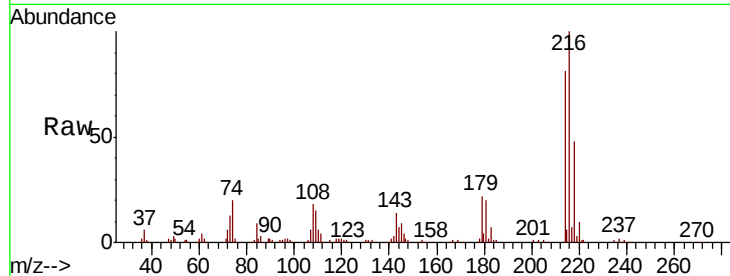
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 38.322 ng
 RT: 8.86 min Scan# 1151
 Delta R.T. -0.01 min
 Lab File: BF109831.D
 Acq: 12 Oct 2018 14:06

Instrument :
 BNA_F
 ClientSampleId :
 PB113692BS

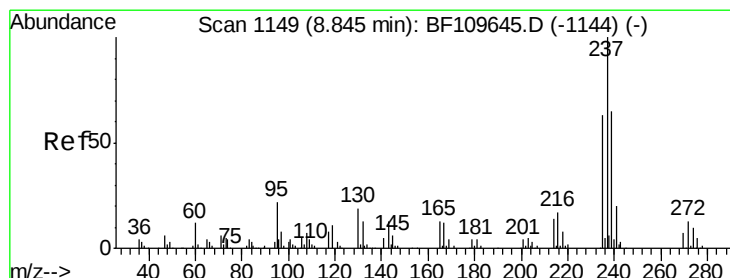
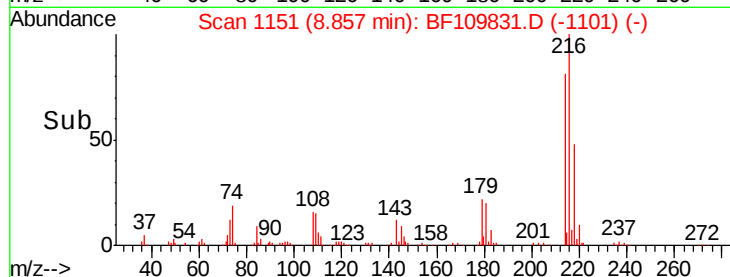
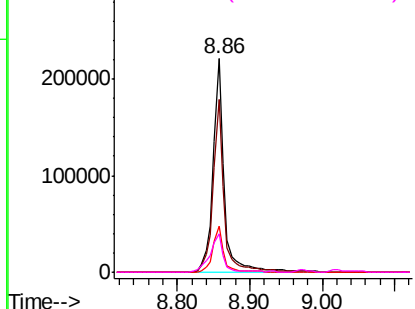
Tot Ion	Ion	Ratio	Resp	Lower	Upper
216	100				
214	80.2		63.8	95.6	
179	21.2		16.6	25.0	
108	20.4		15.1	22.7	

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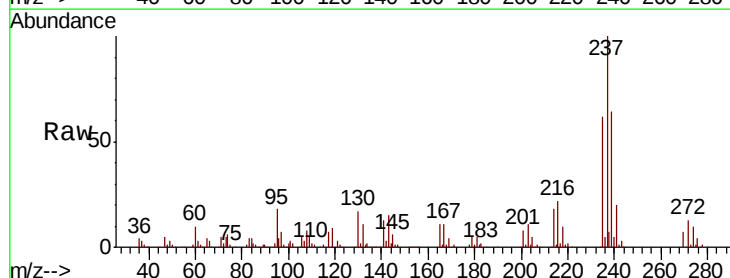


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

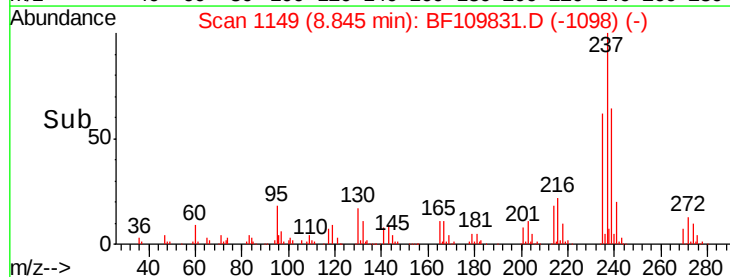
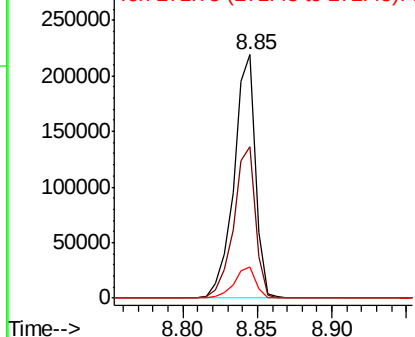


#40
 Hexachlorocyclopentadiene
 Concen: 81.872 ng
 RT: 8.85 min Scan# 1149
 Delta R.T. 0.00 min
 Lab File: BF109831.D
 Acq: 12 Oct 2018 14:06

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
237	100				
235	62.1		43.1	83.1	
272	12.7		0.0	32.6	



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





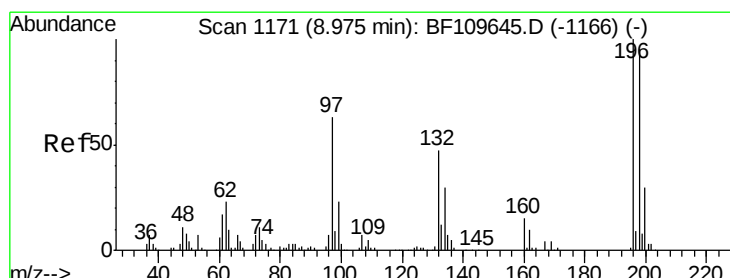
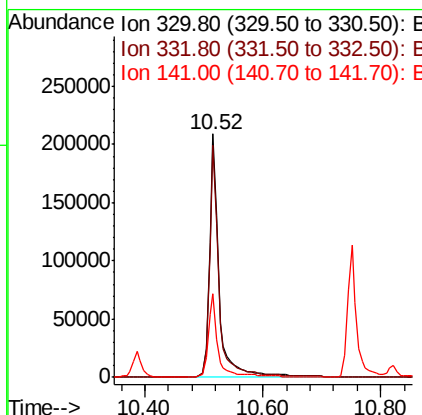
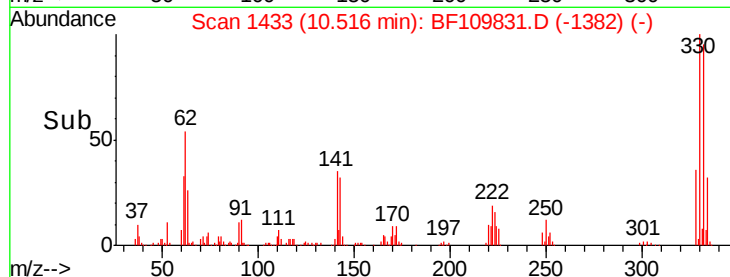
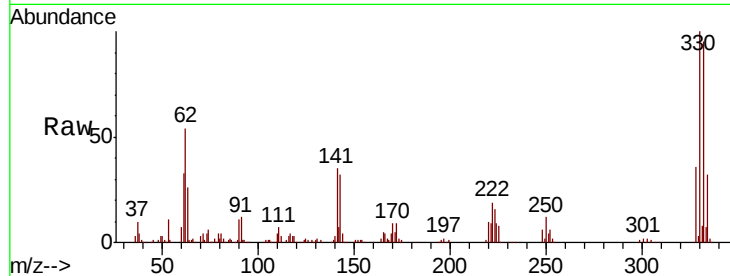
#41
 2,4,6-Tribromophenol
 Concen: 122.349 ng
 RT: 10.52 min Scan# 1433
 Delta R.T. -0.00 min
 Lab File: BF109831.D
 Acq: 12 Oct 2018 14:06

Instrument :
 BNA_F
 ClientSampled :
 PB113692BS

Tot Ion	Ratio	Resp	Lower	Upper
330	100	242353		
332	95.7	77.1	115.7	
141	33.0	27.0	40.4	

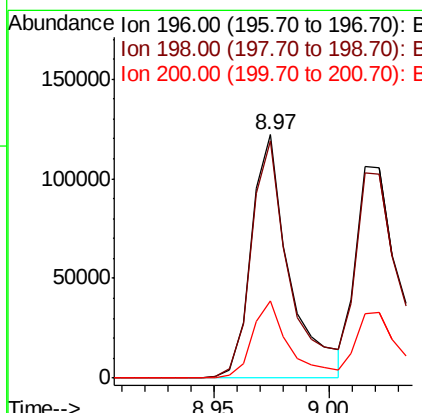
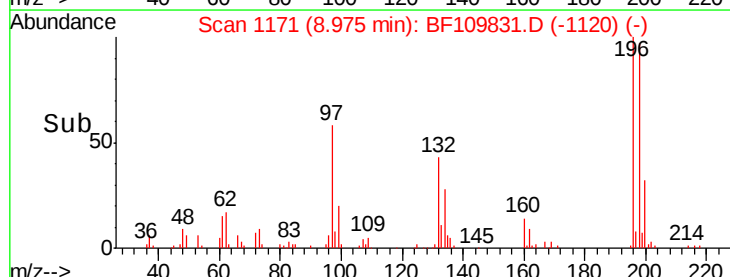
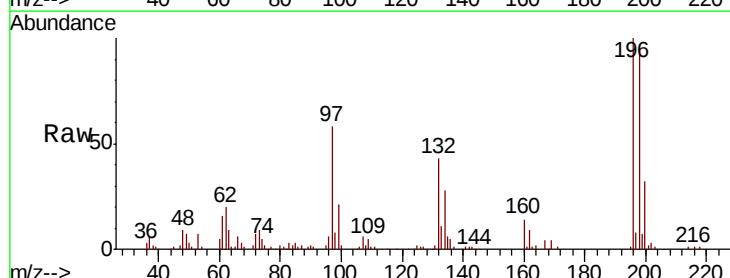
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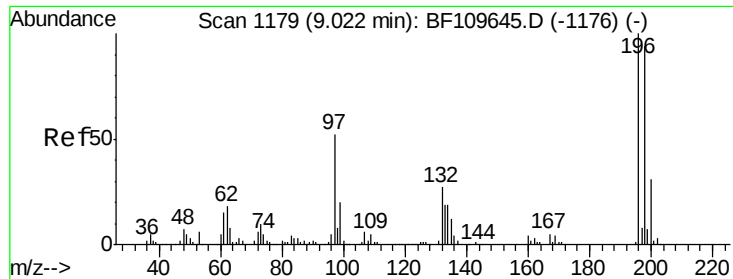
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#42
 2,4,6-Trichlorophenol
 Concen: 38.232 ng
 RT: 8.97 min Scan# 1171
 Delta R.T. -0.00 min
 Lab File: BF109831.D
 Acq: 12 Oct 2018 14:06

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	141434		
198	97.2	76.2	114.4	
200	31.9	24.4	36.6	





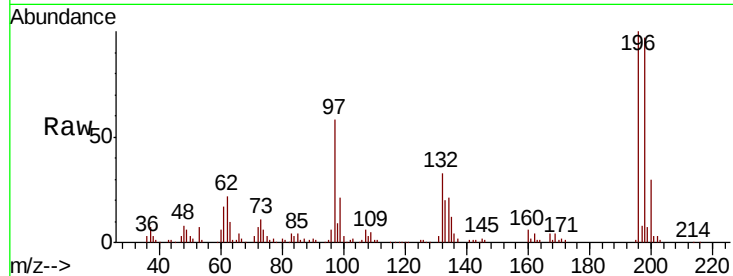
#43
 2,4,5-Trichlorophenol
 Concen: 37.712 ng
 RT: 9.02 min Scan# 1178
 Delta R.T. -0.01 min
 Lab File: BF109831.D
 Acq: 12 Oct 2018 14:06

Instrument :
 BNA_F
 ClientSampleId :
 PB113692BS

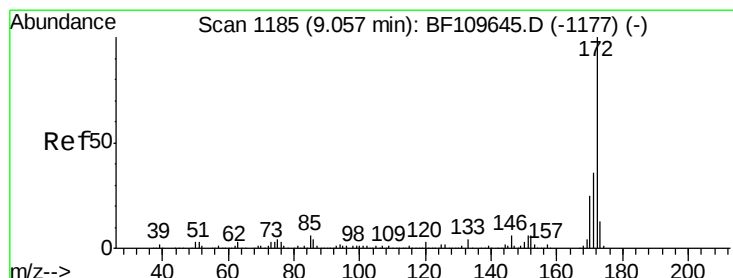
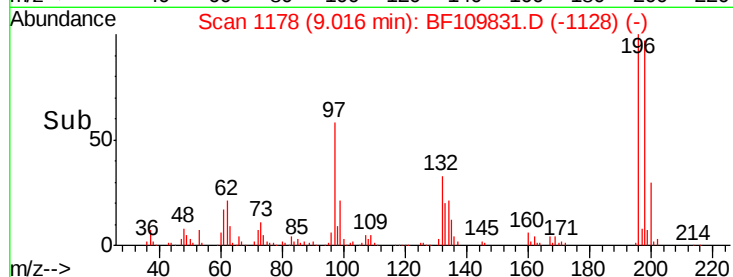
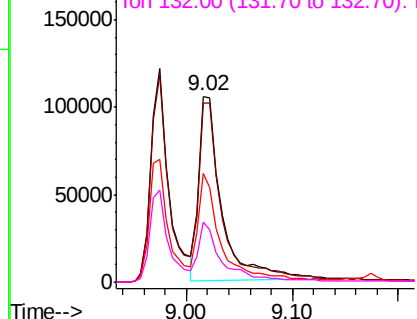
Tot Ion:	196	Resp:	160406
Ion Ratio	Lower	Upper	
196	100		
198	96.6	75.8	113.6
97	58.5	42.4	63.6
132	32.5	22.8	34.2

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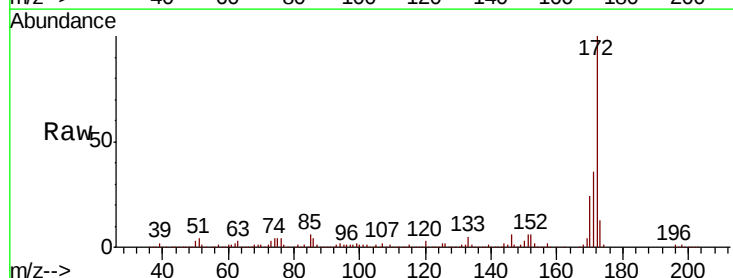


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF1
 Ion 132.00 (131.70 to 132.70): E

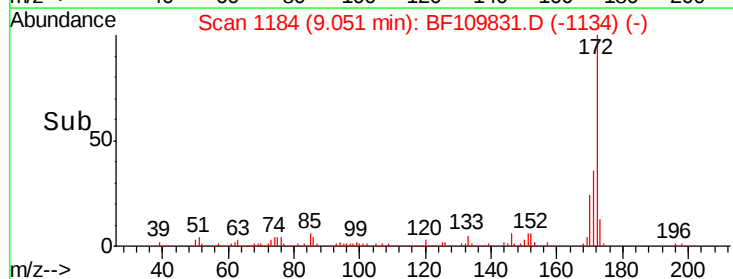
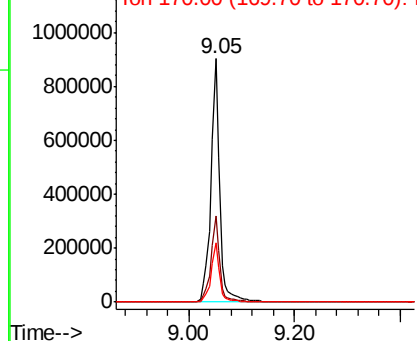


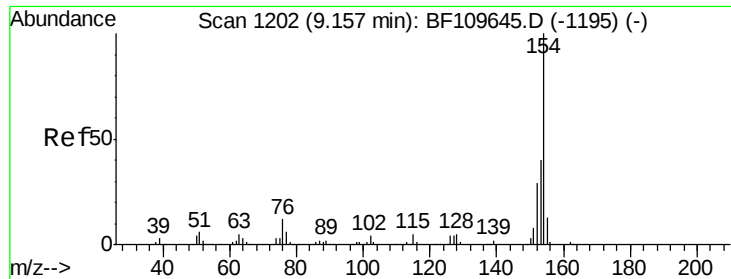
#44
 2-Fluorobiphenyl
 Concen: 78.196 ng
 RT: 9.05 min Scan# 1184
 Delta R.T. -0.01 min
 Lab File: BF109831.D
 Acq: 12 Oct 2018 14:06

Tgt Ion:	172	Resp:	1032168
Ion Ratio	Lower	Upper	
172	100		
171	35.6	28.6	43.0
170	24.1	19.7	29.5



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





#45

1,1'-Biphenyl

Concen: 38.834 ng

RT: 9.15 min Scan# 1201

Delta R.T. -0.01 min

Lab File: BF109831.D

Acq: 12 Oct 2018 14:06

Instrument :

BNA_F

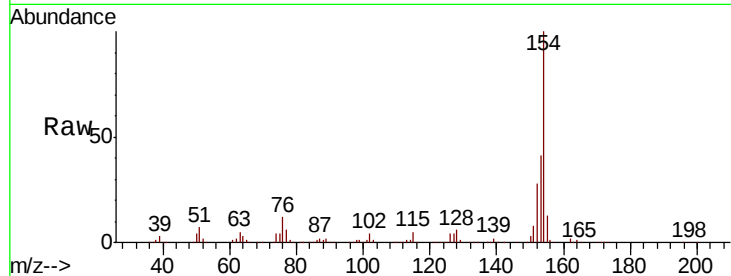
ClientSampleId :

PB113692BS

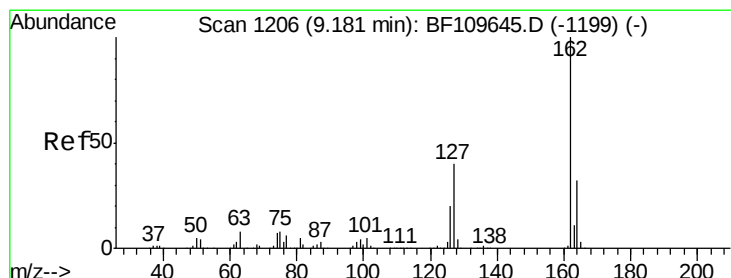
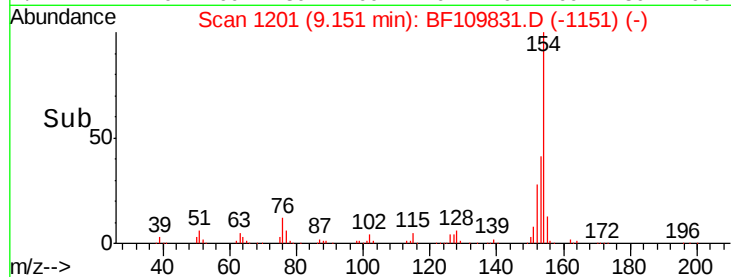
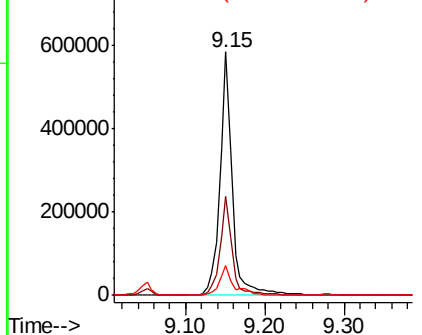
Tot Ion:	154	Resp:	630684
Ion Ratio	Lower	Upper	
154	100		
153	40.5	20.4	60.4
76	12.1	0.0	31.9

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Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 76.00 (75.70 to 76.70): BF1



#46

2-Chloronaphthalene

Concen: 40.061 ng

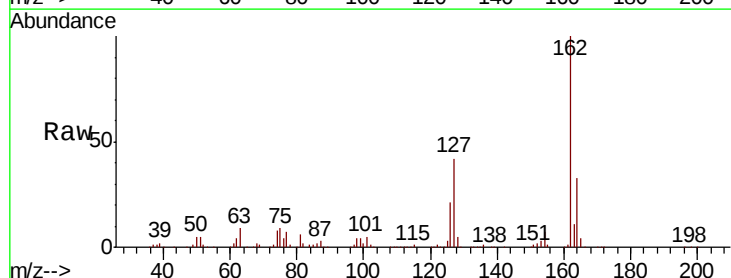
RT: 9.17 min Scan# 1205

Delta R.T. -0.01 min

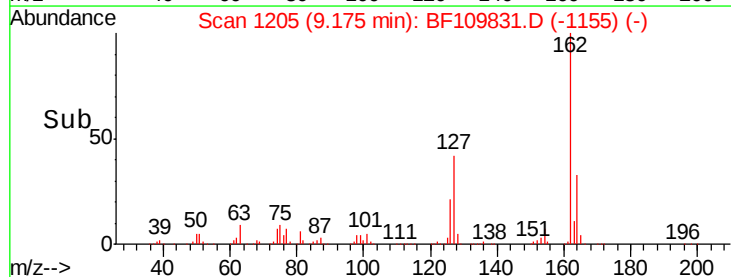
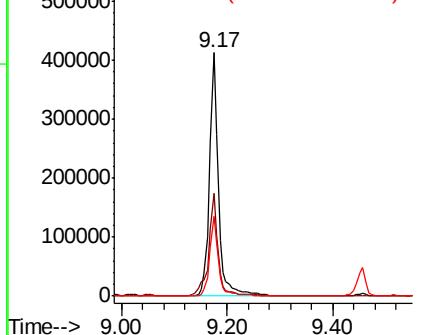
Lab File: BF109831.D

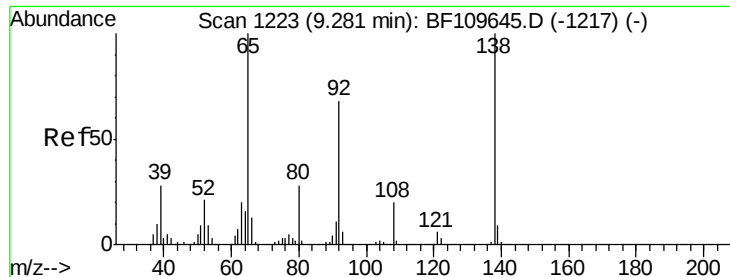
Acq: 12 Oct 2018 14:06

Tgt Ion:	162	Resp:	487434
Ion Ratio	Lower	Upper	
162	100		
127	42.2	32.6	48.8
164	32.9	25.9	38.9



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





#47

2-Nitroaniline

Concen: 40.501 ng

RT: 9.28 min Scan# 1223

Delta R.T. -0.00 min

Lab File: BF109831.D

Acq: 12 Oct 2018 14:06

Instrument :

BNA_F

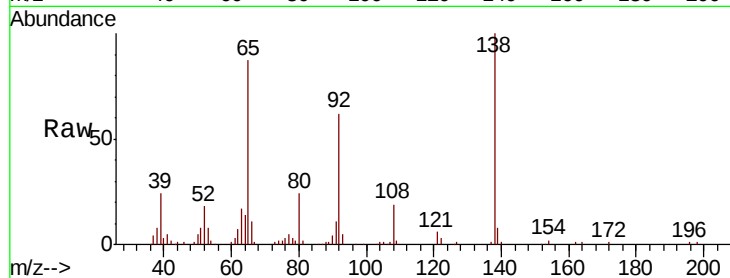
ClientSampled :

PB113692BS

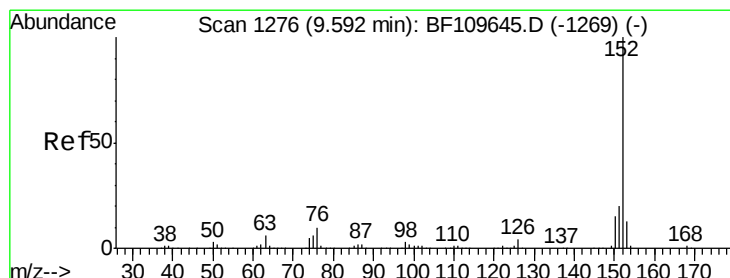
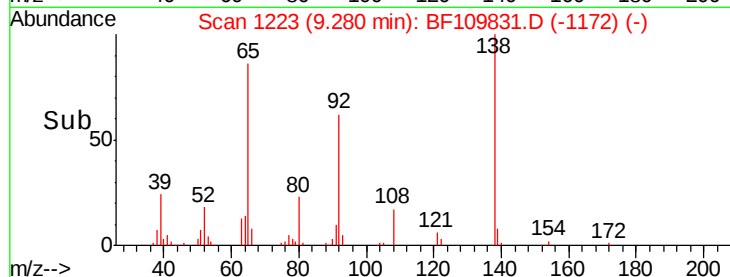
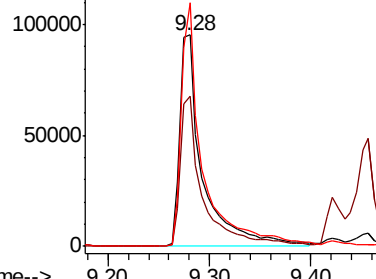
Tot Ion	Ratio	Lower	Upper
65	100		
92	71.2	54.6	81.8
138	115.1	80.3	120.5

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Abundance Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1
Ion 138.00 (137.70 to 138.70): BF1



#48

Acenaphthylene

Concen: 42.853 ng

RT: 9.59 min Scan# 1275

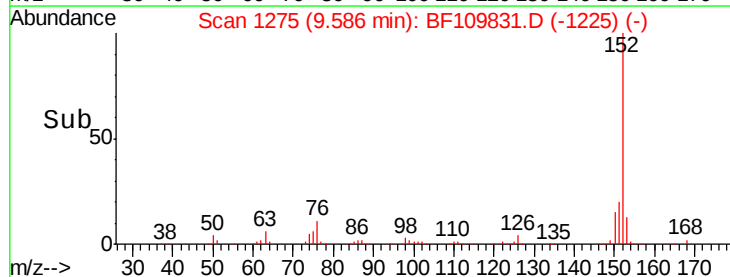
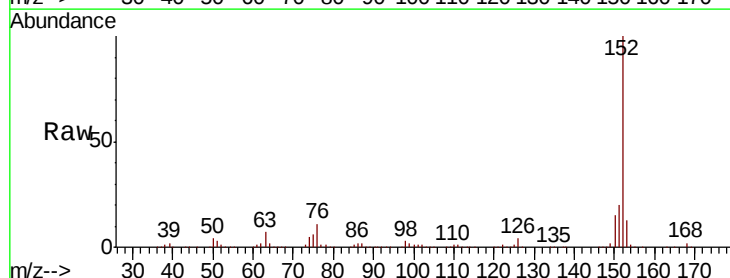
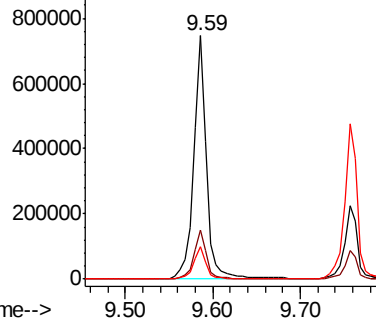
Delta R.T. -0.01 min

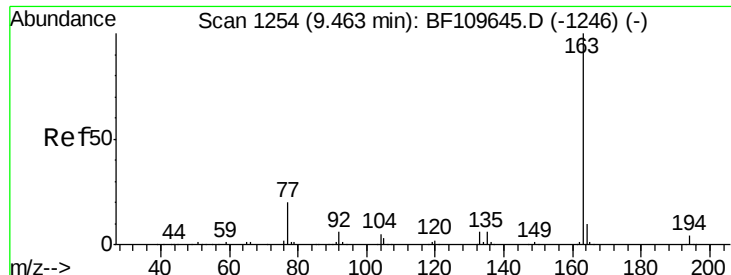
Lab File: BF109831.D

Acq: 12 Oct 2018 14:06

Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.3	15.8	23.8
153	13.2	10.4	15.6

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





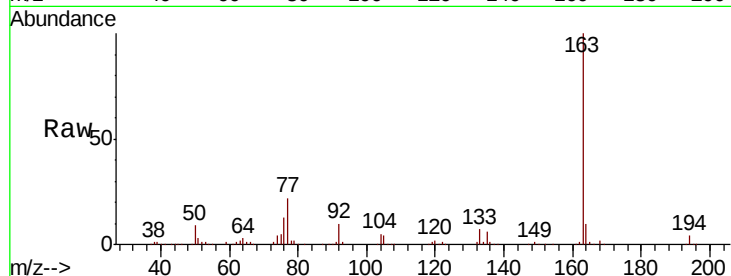
#49
Dimethylphthalate
Concen: 40.619 ng
RT: 9.46 min Scan# 1253
Delta R.T. -0.01 min
Lab File: BF109831.D
Acq: 12 Oct 2018 14:06

Instrument :
BNA_F
ClientSampleId :
PB113692BS

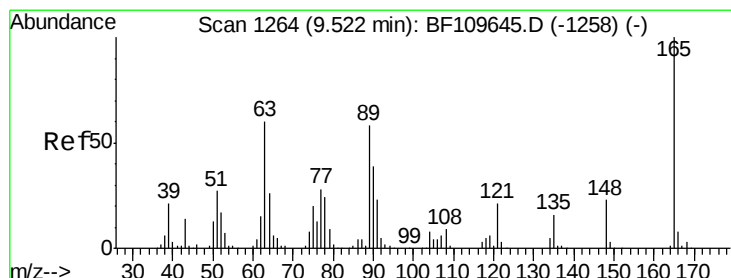
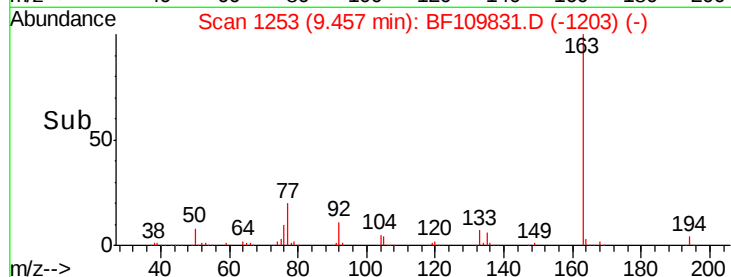
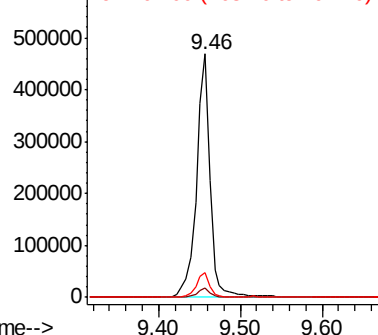
Tot Ion	Ratio	Resp	Lower	Upper
163	100	541570		
194	3.8		3.2	4.8
164	10.1		8.1	12.1

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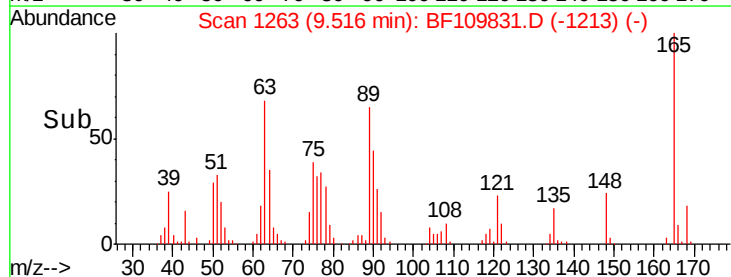
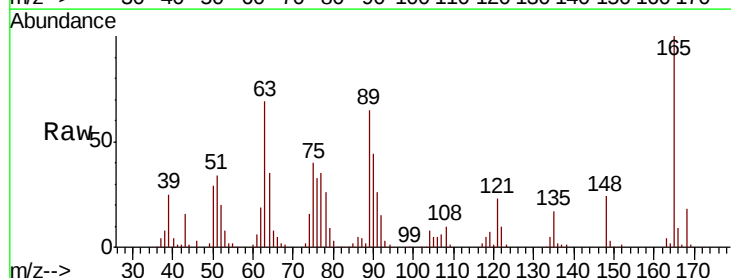
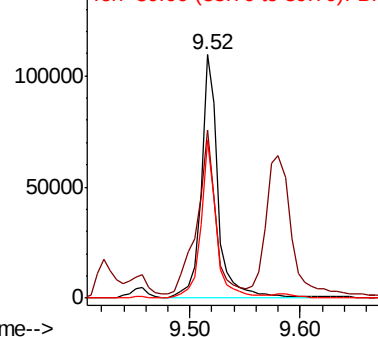
Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

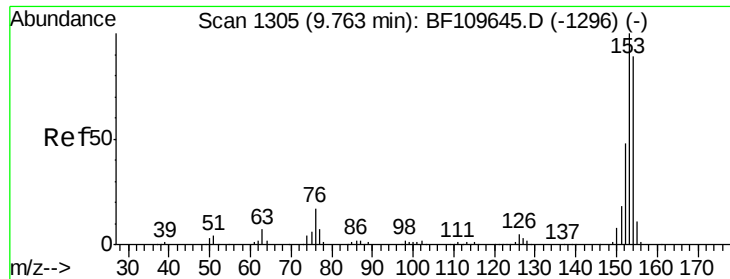


#50
2,6-Dinitrotoluene
Concen: 40.784 ng
RT: 9.52 min Scan# 1263
Delta R.T. -0.01 min
Lab File: BF109831.D
Acq: 12 Oct 2018 14:06

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	117870		
63	69.2		48.9	73.3
89	64.9		46.6	69.8

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





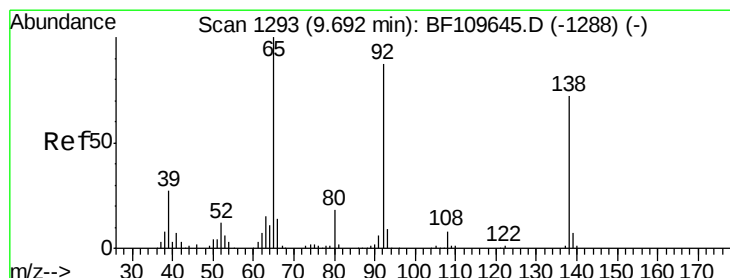
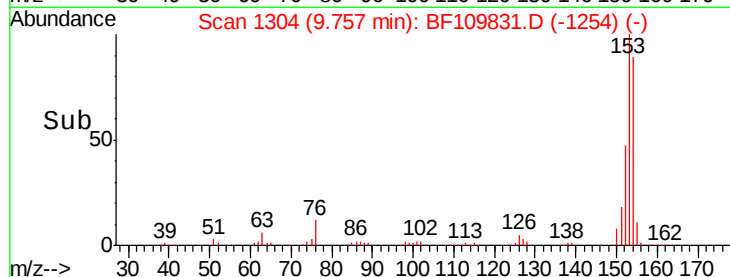
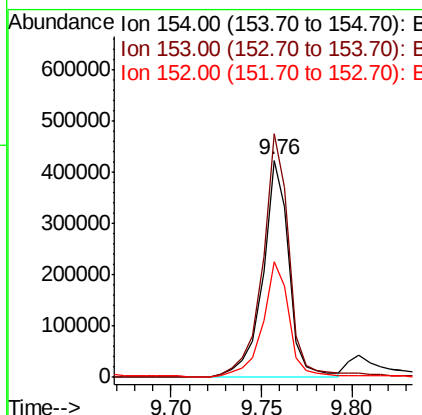
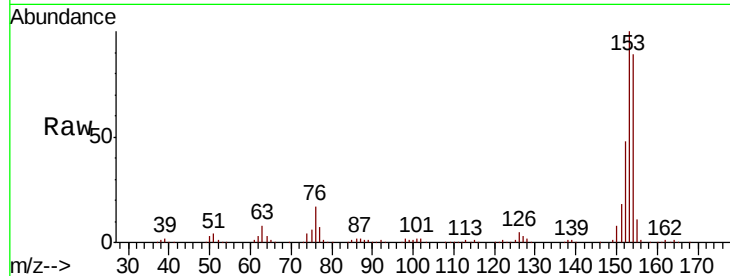
#51
Acenaphthene
Concen: 40.500 ng
RT: 9.76 min Scan# 1304
Delta R.T. -0.01 min
Lab File: BF109831.D
Acq: 12 Oct 2018 14:06

Instrument :
BNA_F
ClientSampleId :
PB113692BS

Tot Ion	Ratio	Lower	Upper
154	100		
153	112.1	90.1	135.1
152	53.3	43.4	65.2

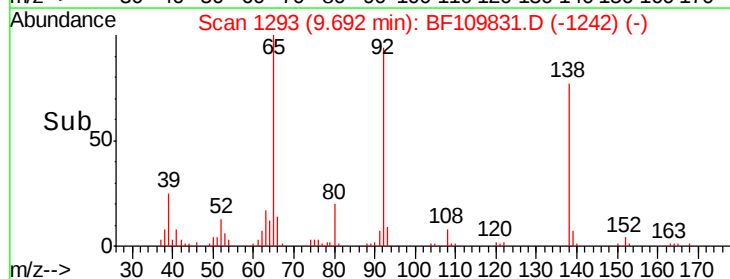
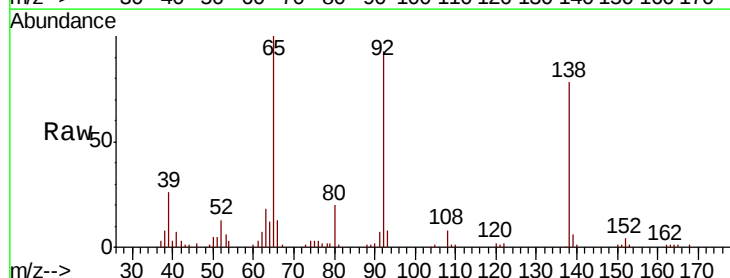
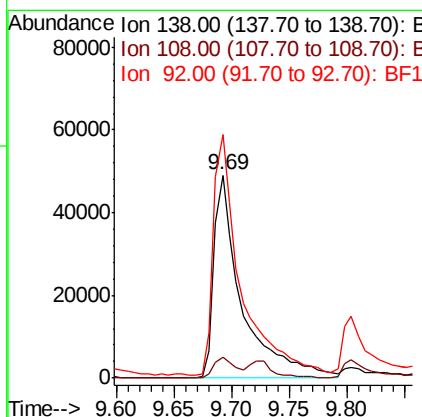
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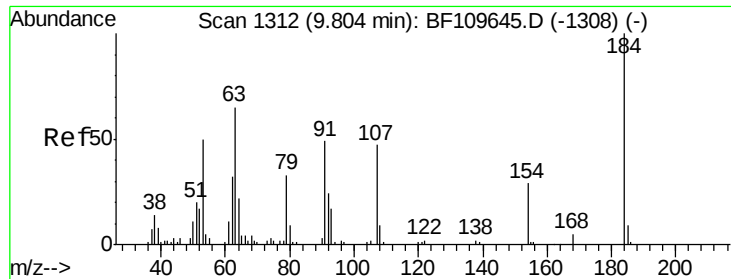
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#52
3-Nitroaniline
Concen: 25.536 ng
RT: 9.69 min Scan# 1293
Delta R.T. -0.00 min
Lab File: BF109831.D
Acq: 12 Oct 2018 14:06

Tgt Ion	Ratio	Lower	Upper
138	100		
108	10.6	8.7	13.1
92	120.0	97.0	145.4





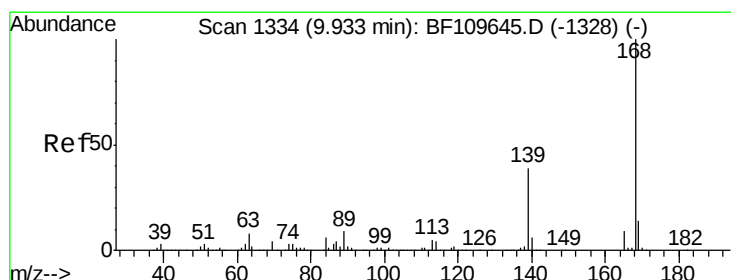
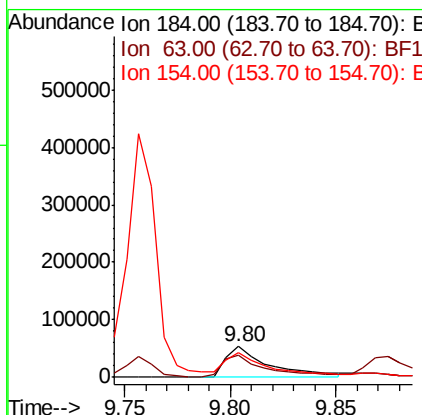
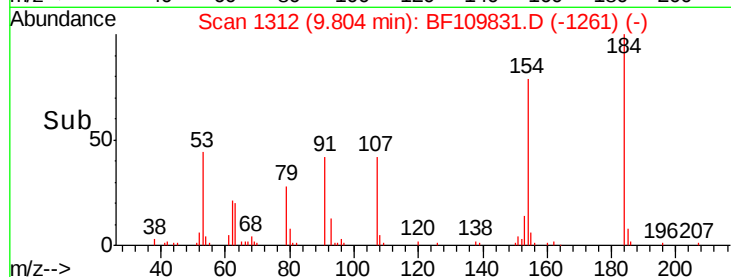
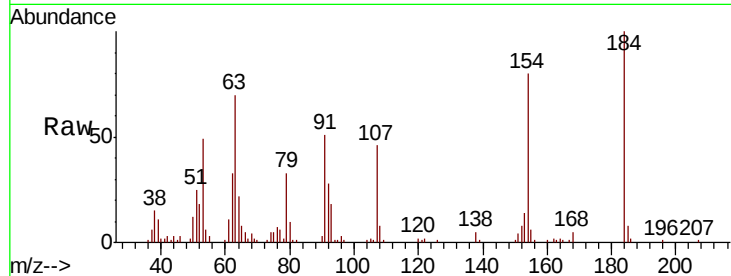
#53
2,4-Dinitrophenol
Concen: 82.547 ng
RT: 9.80 min Scan# 1312
Delta R.T. -0.00 min
Lab File: BF109831.D
Acq: 12 Oct 2018 14:06

Instrument :
BNA_F
ClientSampleId :
PB113692BS

Tot Ion	Ratio	Lower	Upper
184	100		
63	70.0	55.8	83.6
154	80.0	63.2	94.8

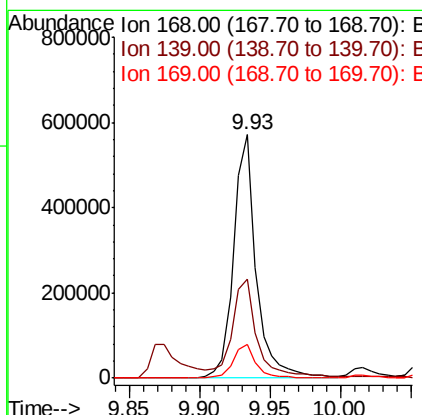
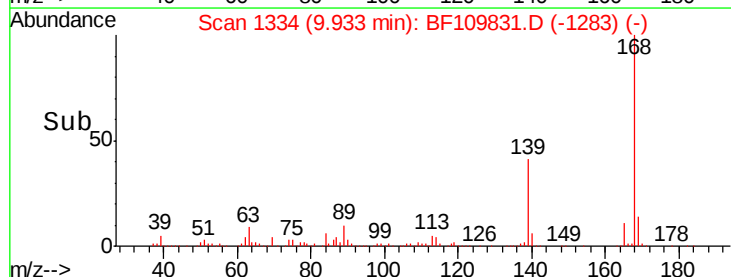
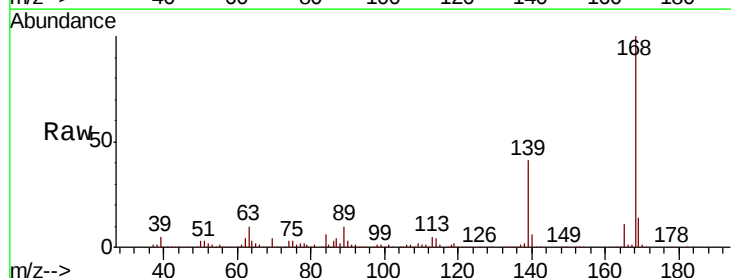
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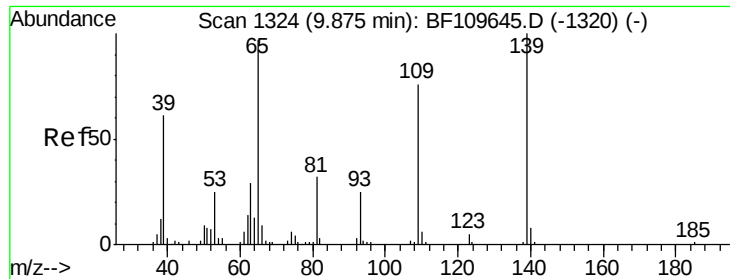
Sohil
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#54
Dibenzofuran
Concen: 40.520 ng
RT: 9.93 min Scan# 1334
Delta R.T. -0.00 min
Lab File: BF109831.D
Acq: 12 Oct 2018 14:06

Tgt Ion	Ratio	Lower	Upper
168	100		
139	40.7	33.0	49.6
169	13.9	11.3	16.9





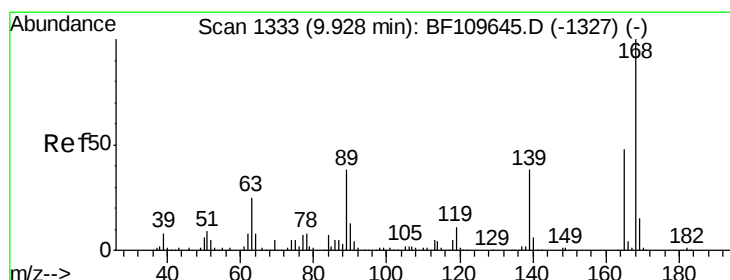
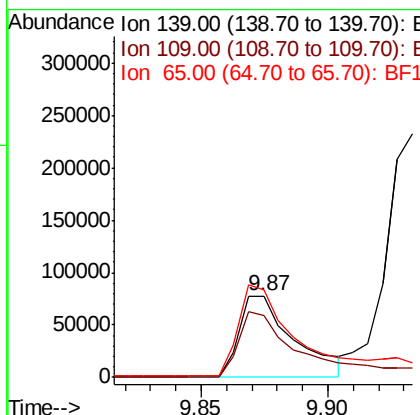
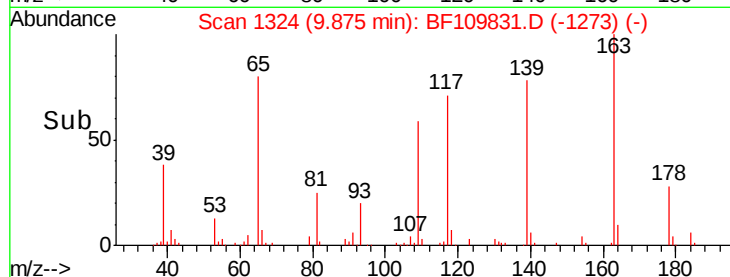
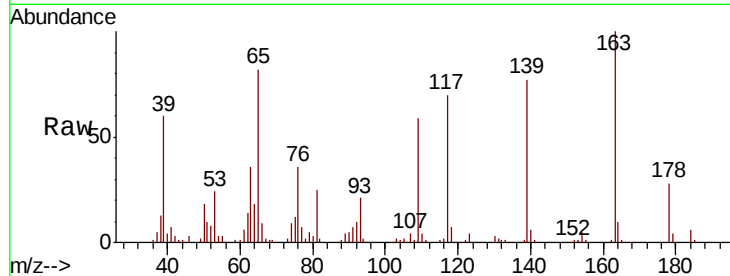
#55
4-Nitrophenol
Concen: 66.495 ng
RT: 9.87 min Scan# 1324
Delta R.T. -0.00 min
Lab File: BF109831.D
Acq: 12 Oct 2018 14:06

Instrument :
BNA_F
ClientSampleId :
PB113692BS

Tot Ion	Ratio	Resp	Lower	Upper
139	100			
109	76.4	55.8	95.8	
65	106.9	77.9	117.9	

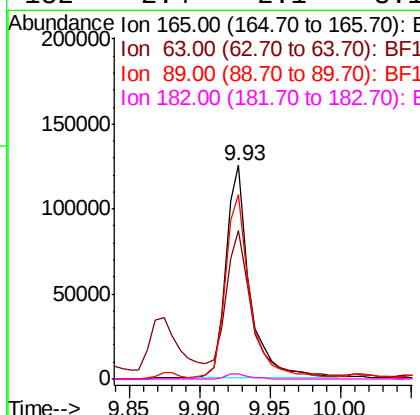
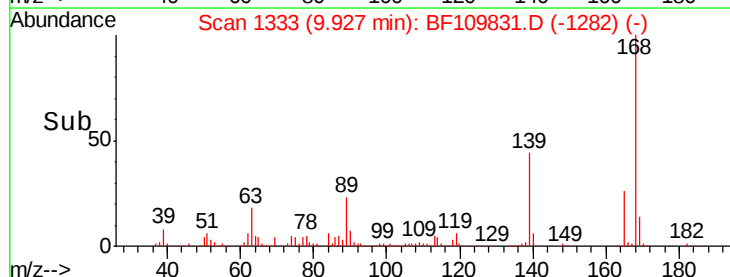
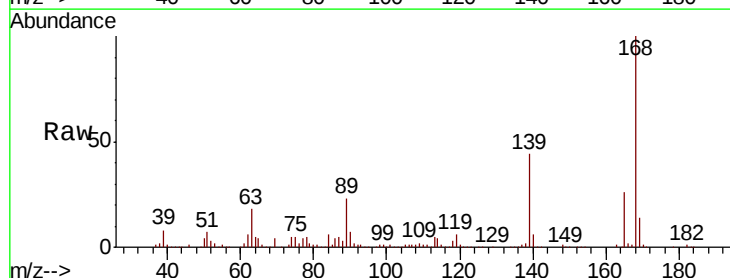
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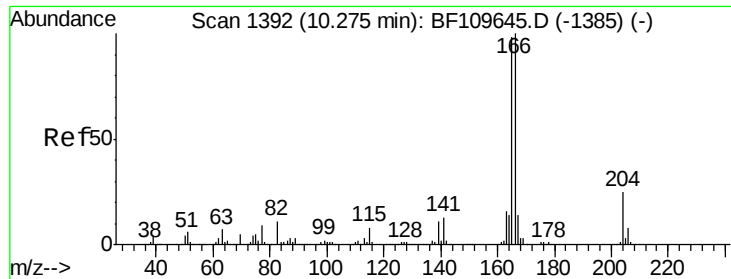
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#56
2,4-Dinitrotoluene
Concen: 40.730 ng
RT: 9.93 min Scan# 1333
Delta R.T. -0.00 min
Lab File: BF109831.D
Acq: 12 Oct 2018 14:06

Tgt Ion	Ratio	Resp	Lower	Upper
165	100			
63	69.6	44.8	67.2#	
89	86.2	62.2	93.4	
182	2.4	2.1	3.1	





#57

Fluorene

Concen: 42.949 ng

RT: 10.27 min Scan# 1392

Delta R.T. -0.00 min

Lab File: BF109831.D

Acq: 12 Oct 2018 14:06

Instrument :

BNA_F

ClientSampleId :

PB113692BS

Tot Ion:166 Resp: 505542

Ion Ratio Lower Upper

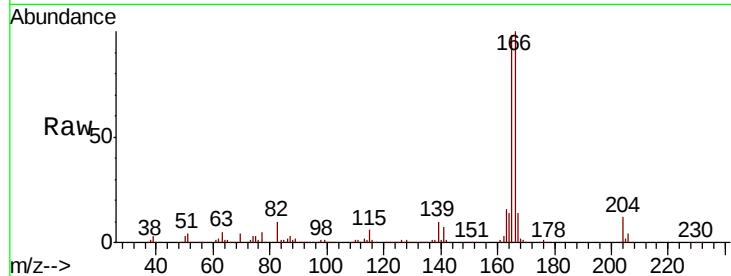
166 100

165 98.5 78.6 117.8

167 13.6 10.8 16.2

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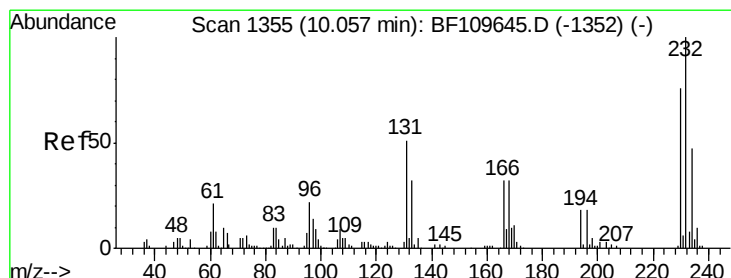
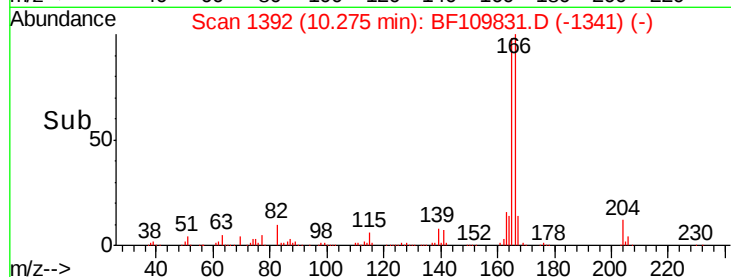
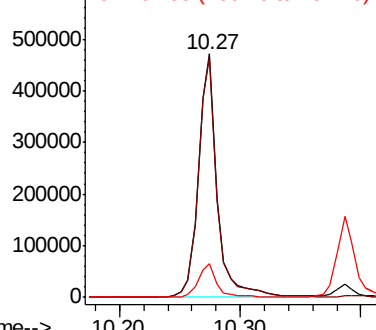


Abundance

Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 40.189 ng

RT: 10.06 min Scan# 1355

Delta R.T. -0.00 min

Lab File: BF109831.D

Acq: 12 Oct 2018 14:06

Tgt Ion:232 Resp: 138956

Ion Ratio Lower Upper

232 100

131 46.8 37.0 55.4

130 2.3 1.8 2.6

166 29.1 22.0 33.0

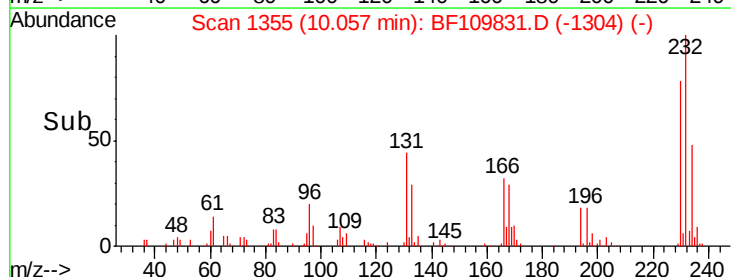
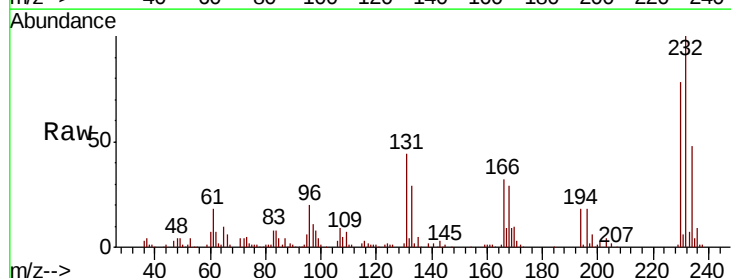
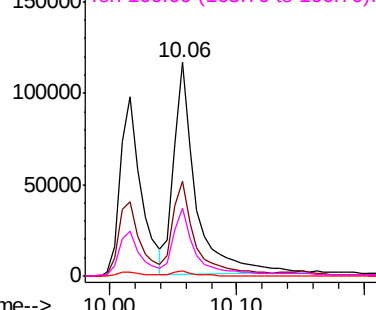
Abundance

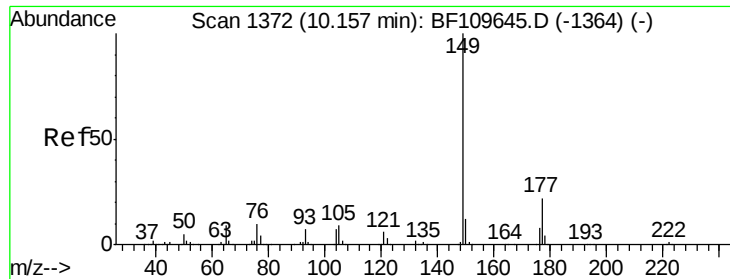
Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E





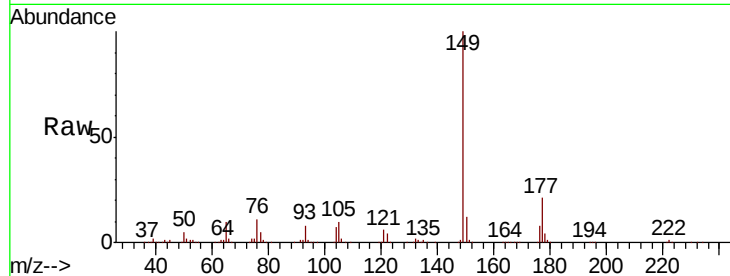
#59
Diethylphthalate
Concen: 40.371 ng
RT: 10.15 min Scan# 1371
Delta R.T. -0.01 min
Lab File: BF109831.D
Acq: 12 Oct 2018 14:06

Instrument :
BNA_F
ClientSampleId :
PB113692BS

Tot Ion	Ratio	Resp	Lower	Upper
149	100	533315		
177	20.7		17.4	26.2
150	12.3		9.8	14.8

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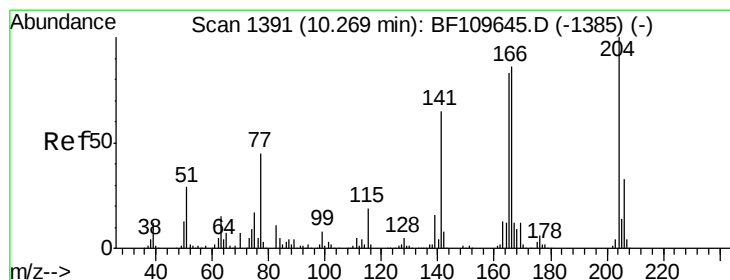
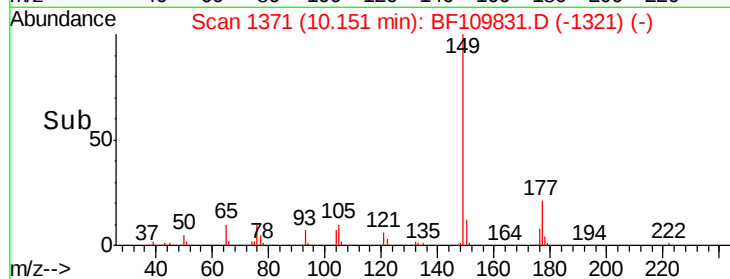
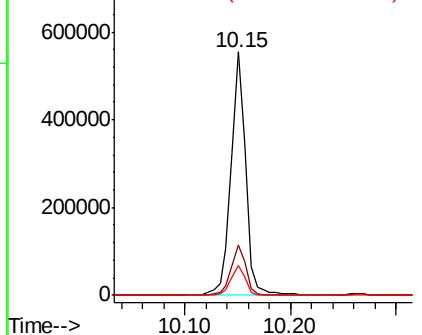


Abundance

Ion 149.00 (148.70 to 149.70): E

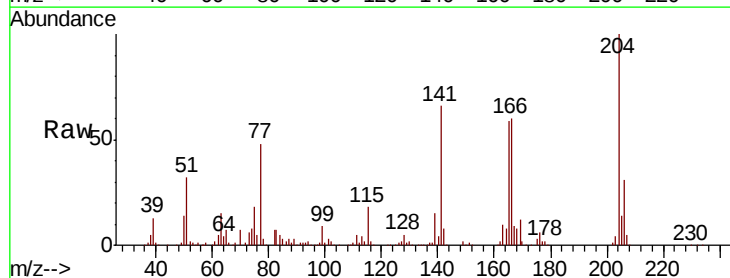
Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E



#60
4-Chlorophenyl-phenylether
Concen: 39.687 ng
RT: 10.26 min Scan# 1390
Delta R.T. -0.01 min
Lab File: BF109831.D
Acq: 12 Oct 2018 14:06

Tgt Ion	Ratio	Resp	Lower	Upper
204	100	246447		
206	31.3		26.5	39.7
141	65.7		51.8	77.8

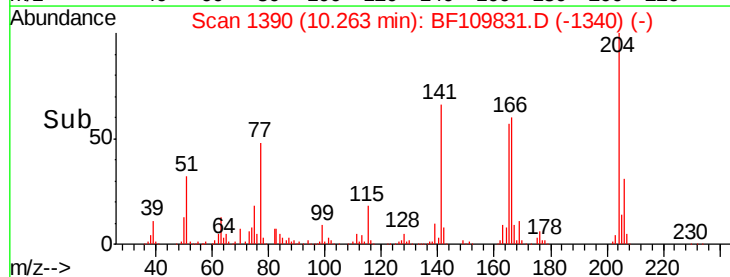
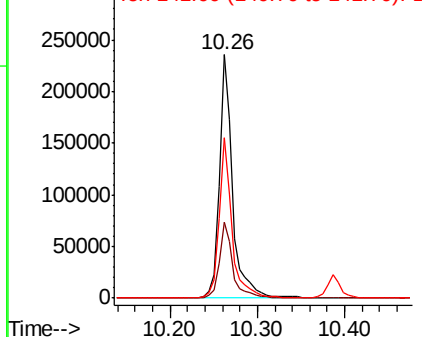


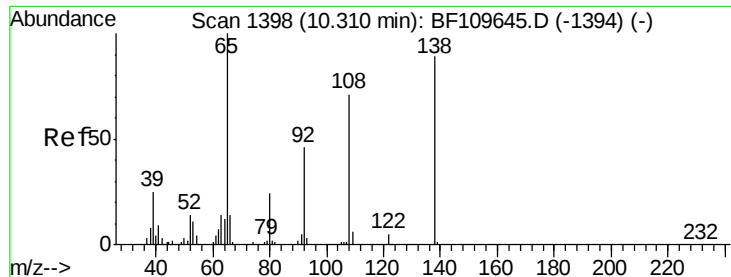
Abundance

Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E





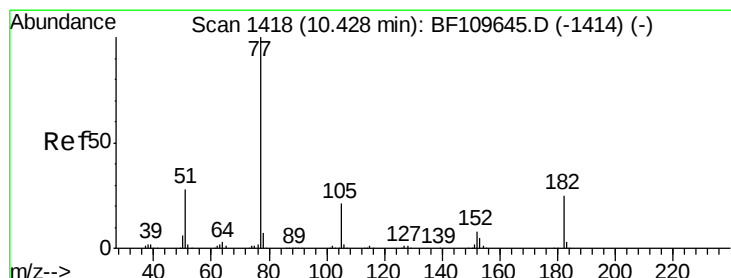
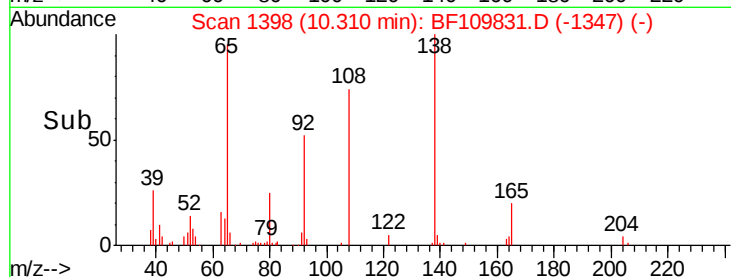
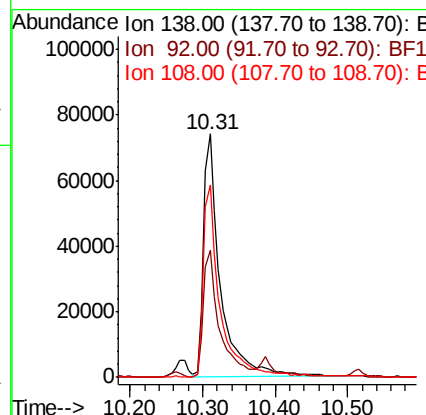
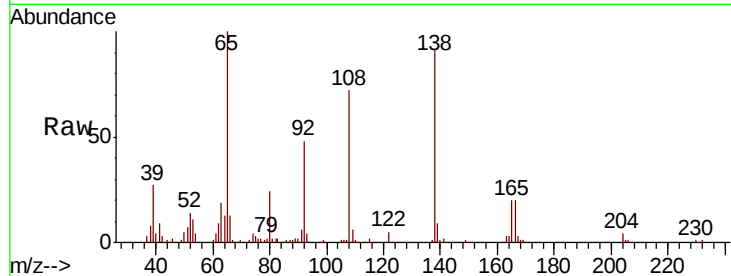
#61
4-Nitroaniline
Concen: 40.027 ng
RT: 10.31 min Scan# 1398
Delta R.T. -0.00 min
Lab File: BF109831.D
Acq: 12 Oct 2018 14:06

Instrument :
BNA_F
ClientSampleId :
PB113692BS

Tot Ion	Ratio	Lower	Upper
138	100		
92	52.3	31.7	71.7
108	79.0	59.3	99.3

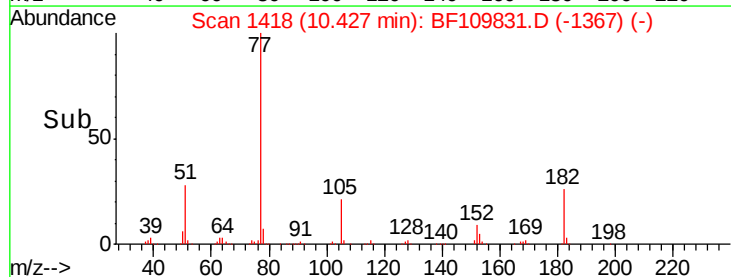
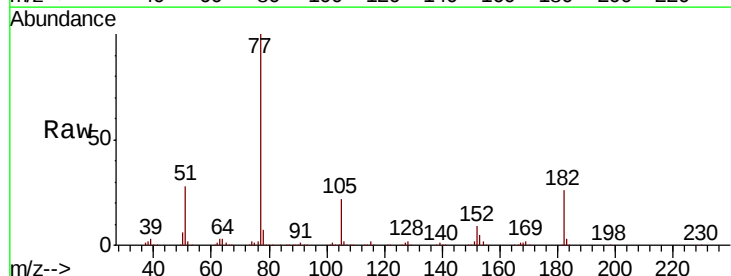
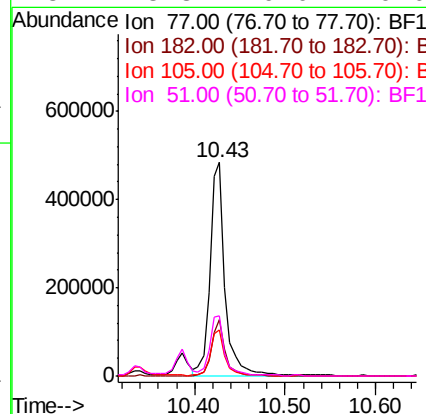
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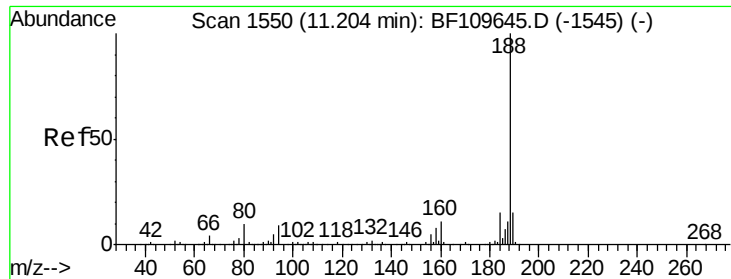
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#62
Azobenzene
Concen: 41.889 ng
RT: 10.43 min Scan# 1418
Delta R.T. -0.00 min
Lab File: BF109831.D
Acq: 12 Oct 2018 14:06

Tgt Ion	Ratio	Lower	Upper
77	100		
182	26.3	4.3	44.3
105	21.7	1.3	41.3
51	28.3	9.0	49.0





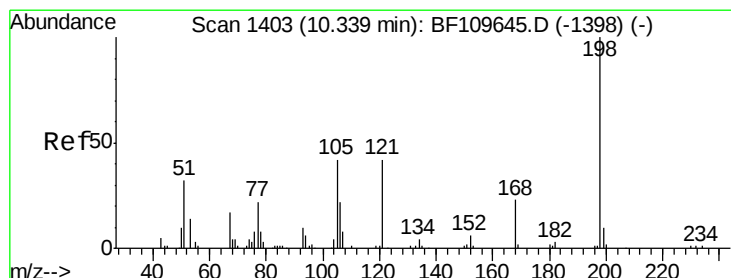
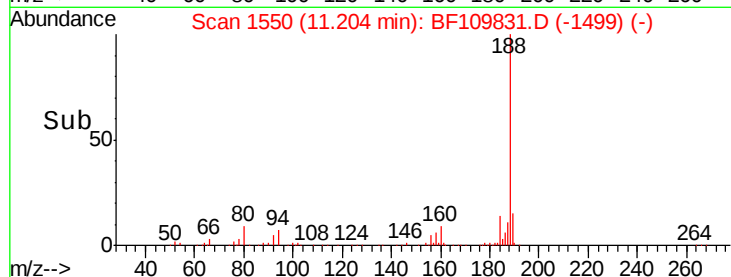
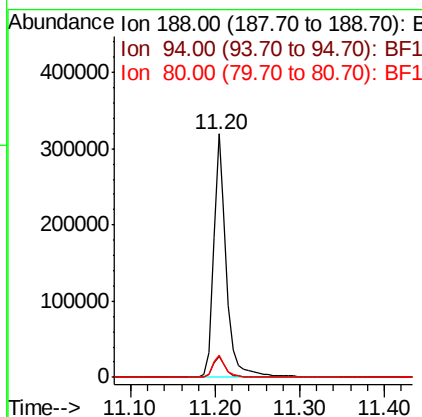
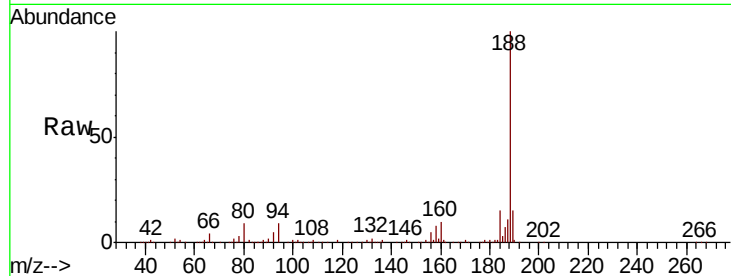
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.20 min Scan# 1550
Delta R.T. -0.00 min
Lab File: BF109831.D
Acq: 12 Oct 2018 14:06

Instrument :
BNA_F
ClientSampleId :
PB113692BS

Tot Ion	Ratio	Resp	Lower	Upper
188	100	343913		
94	8.6		7.2	10.8
80	9.2		7.9	11.9

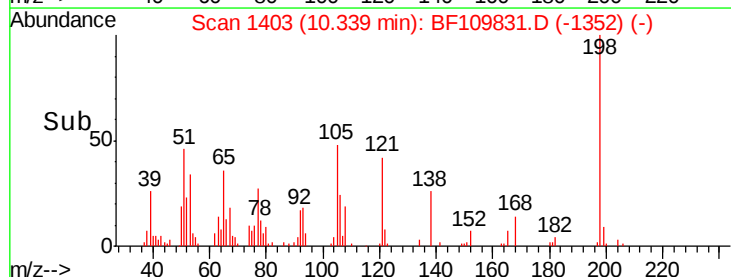
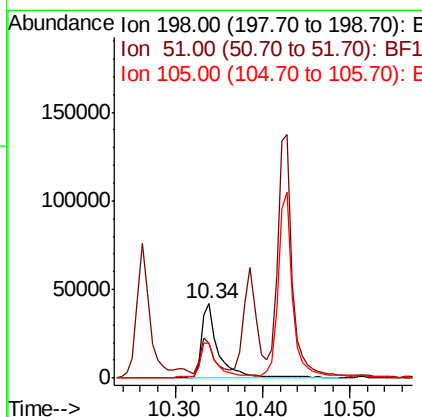
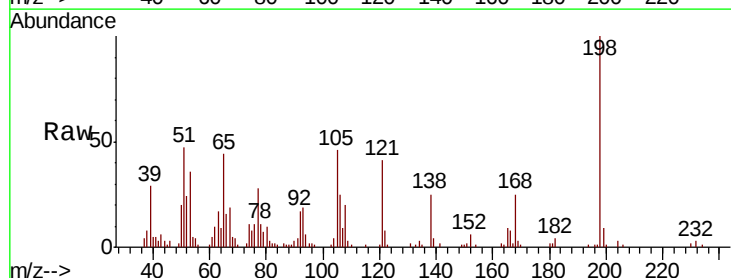
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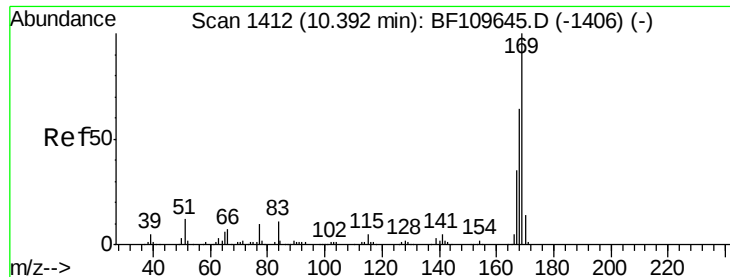
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#64
4,6-Dinitro-2-methylphenol
Concen: 34.320 ng
RT: 10.34 min Scan# 1403
Delta R.T. -0.00 min
Lab File: BF109831.D
Acq: 12 Oct 2018 14:06

Tgt Ion	Ratio	Resp	Lower	Upper
198	100	57449		
51	46.6		22.8	62.8
105	46.4		23.6	63.6





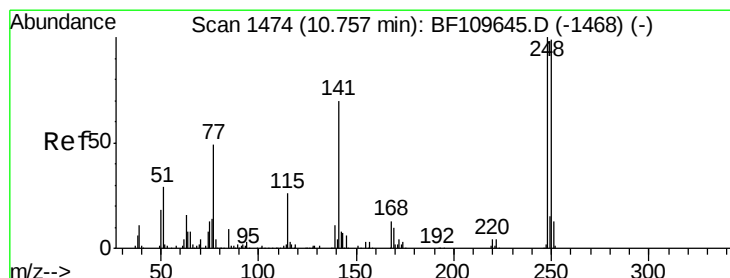
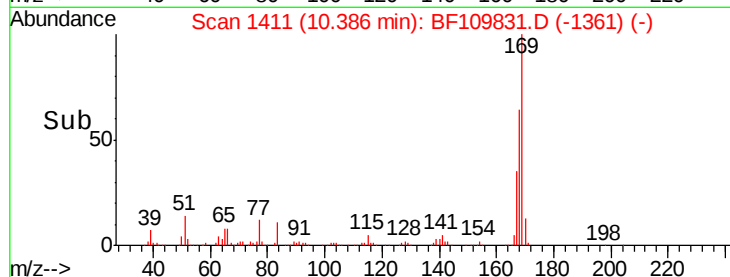
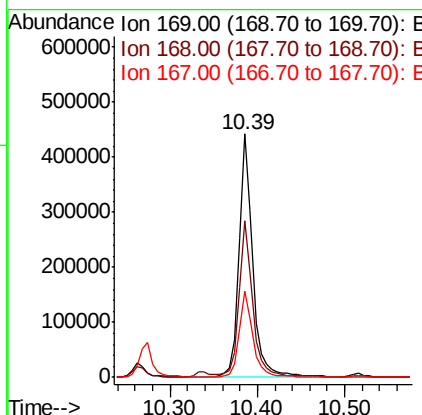
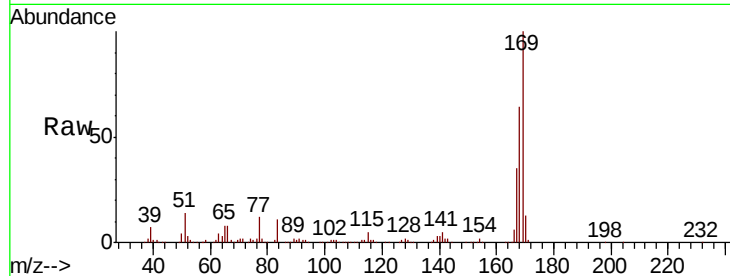
#65
n-Nitrosodiphenylamine
Concen: 39.973 ng
RT: 10.39 min Scan# 1411
Delta R.T. -0.01 min
Lab File: BF109831.D
Acq: 12 Oct 2018 14:06

Instrument :
BNA_F
ClientSampleId :
PB113692BS

Tot Ion	Ratio	Lower	Upper
169	100		
168	64.2	51.2	76.8
167	35.4	27.8	41.6

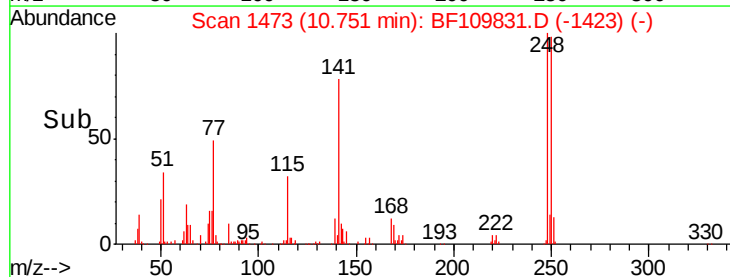
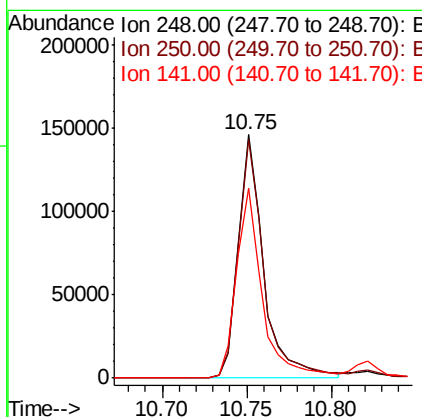
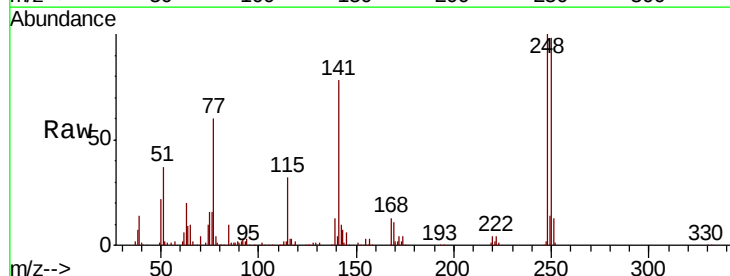
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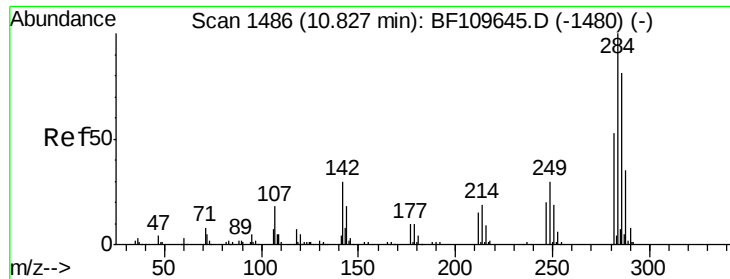
Sohil
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#66
4-Bromophenyl-phenylether
Concen: 38.768 ng
RT: 10.75 min Scan# 1473
Delta R.T. -0.01 min
Lab File: BF109831.D
Acq: 12 Oct 2018 14:06

Tgt Ion	Ratio	Lower	Upper
248	100		
250	97.8	79.4	119.2
141	78.2	55.9	83.9





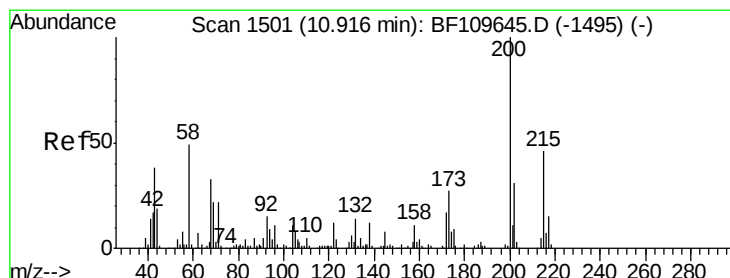
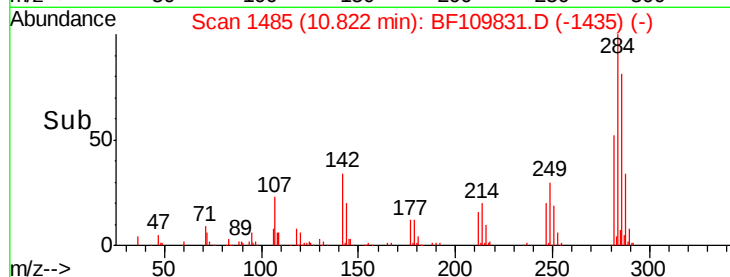
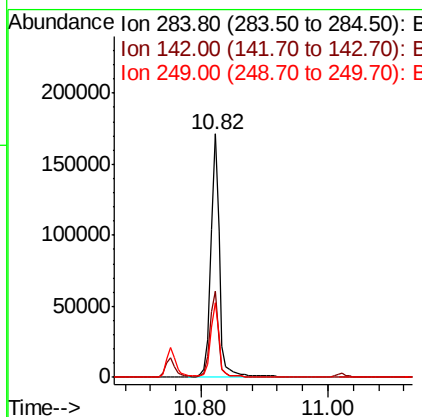
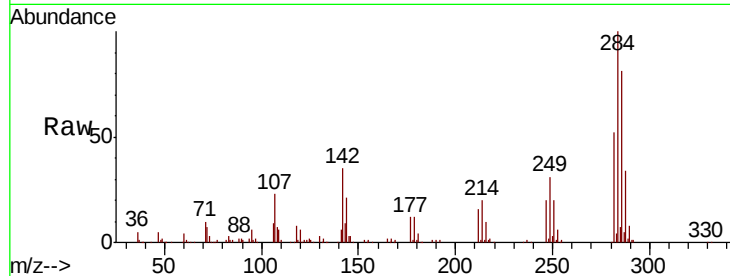
#67
Hexachlorobenzene
Concen: 39.145 ng
RT: 10.82 min Scan# 1485
Delta R.T. -0.01 min
Lab File: BF109831.D
Acq: 12 Oct 2018 14:06

Instrument :
BNA_F
ClientSampleId :
PB113692BS

Tot Ion	Ratio	Resp	Lower	Upper
284	100	167500		
142	35.2	23.9	35.9	
249	30.7	24.2	36.2	

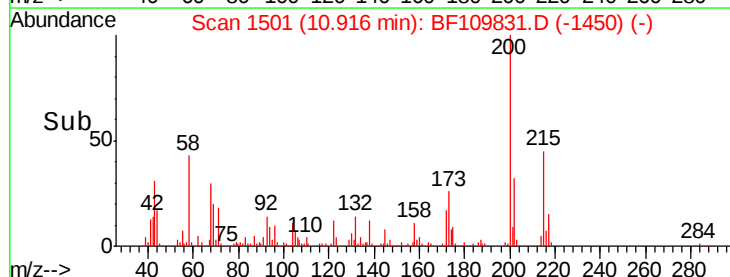
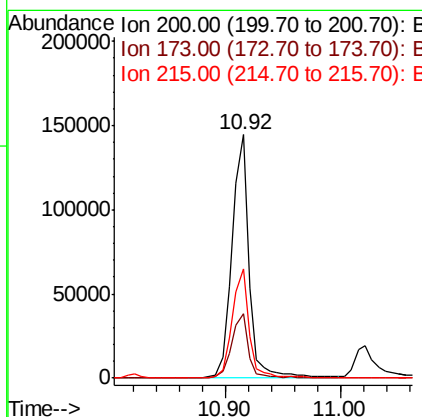
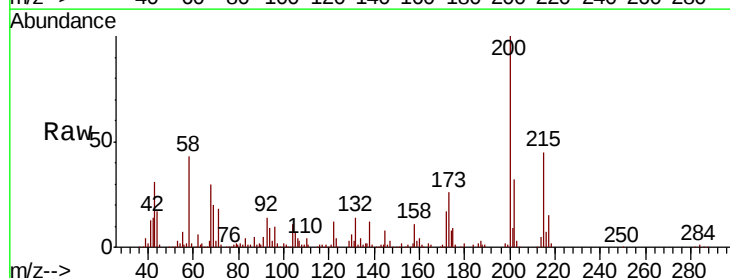
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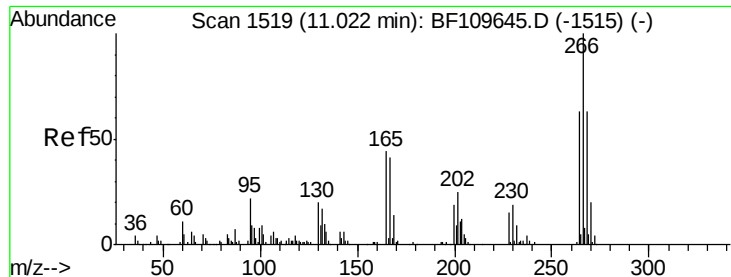
Sohil
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#68
Atrazine
Concen: 40.853 ng
RT: 10.92 min Scan# 1501
Delta R.T. -0.00 min
Lab File: BF109831.D
Acq: 12 Oct 2018 14:06

Tgt Ion	Ratio	Resp	Lower	Upper
200	100	148644		
173	26.3	6.6	46.6	
215	45.0	26.3	66.3	





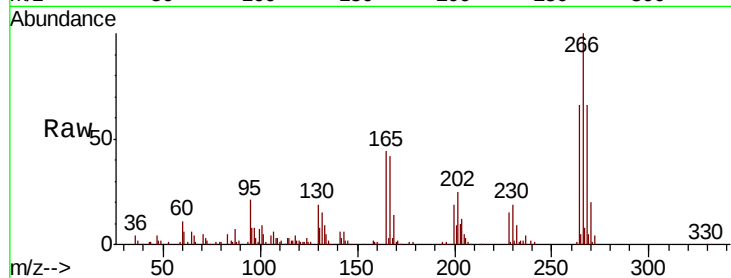
#69
 Pentachlorophenol
 Concen: 63.787 ng
 RT: 11.02 min Scan# 1519
 Delta R.T. -0.00 min
 Lab File: BF109831.D
 Acq: 12 Oct 2018 14:06

Instrument :
 BNA_F
 ClientSampleId :
 PB113692BS

Tot Ion	Ratio	Resp	Lower	Upper
266	100	153588		
268	65.7		50.6	75.8
264	66.2		50.6	75.8

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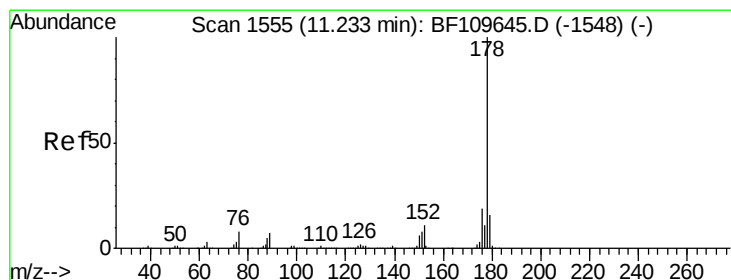
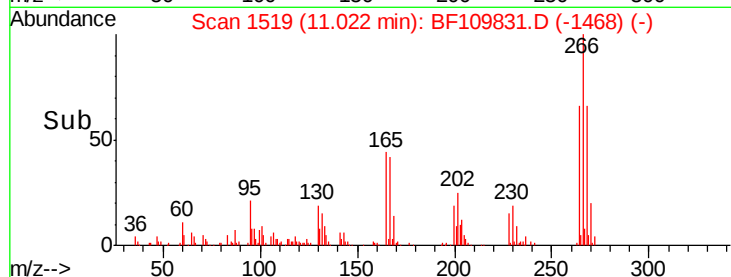
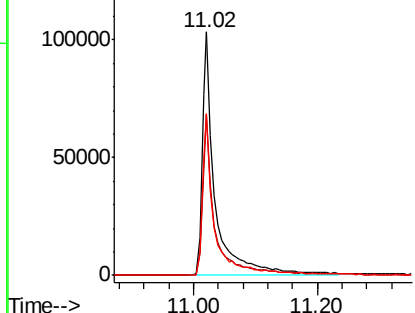


Abundance

Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E



#70
 Phenanthrene
 Concen: 42.501 ng
 RT: 11.23 min Scan# 1554
 Delta R.T. -0.01 min
 Lab File: BF109831.D
 Acq: 12 Oct 2018 14:06

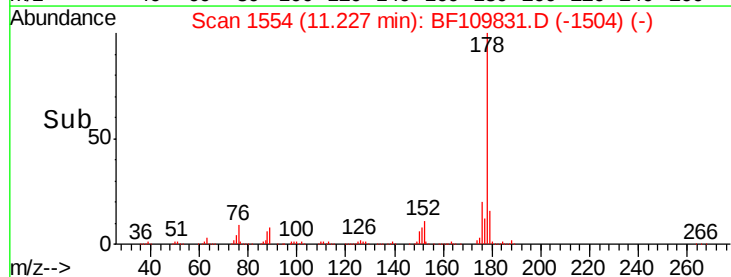
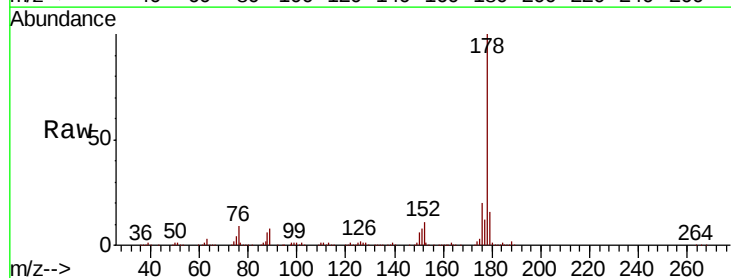
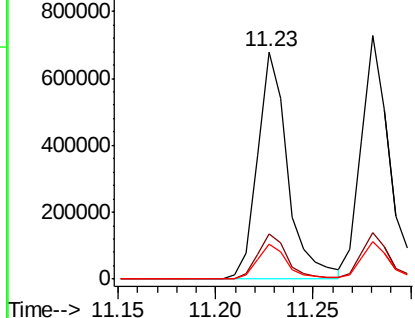
Tgt Ion	Ratio	Resp	Lower	Upper
178	100	731470		
176	19.9		15.5	23.3
179	15.6		12.5	18.7

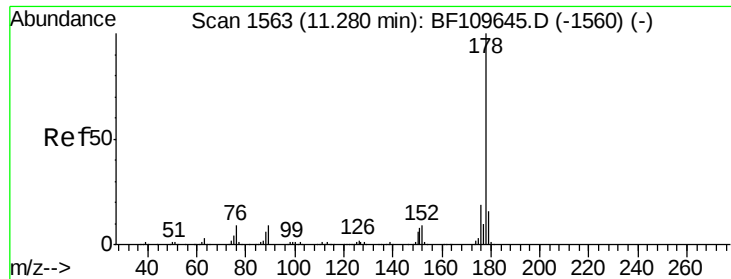
Abundance

Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





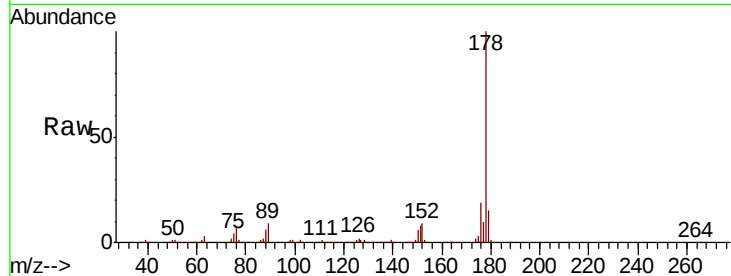
#71
 Anthracene
 Concen: 45.227 ng
 RT: 11.28 min Scan# 1563
 Delta R.T. -0.00 min
 Lab File: BF109831.D
 Acq: 12 Oct 2018 14:06

Instrument :
 BNA_F
 ClientSampleId :
 PB113692BS

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

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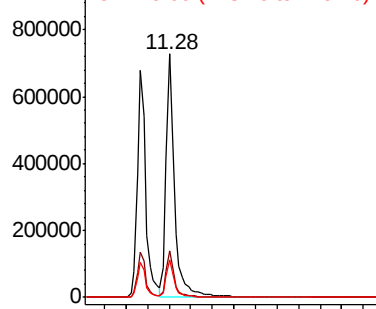


Abundance

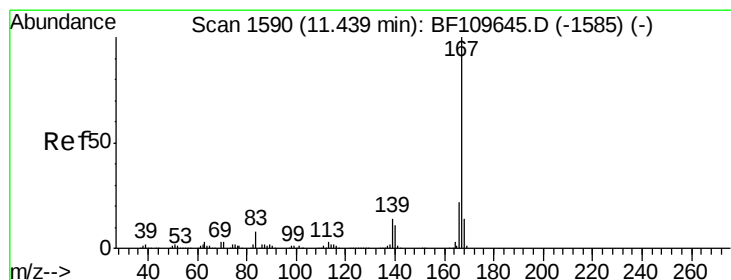
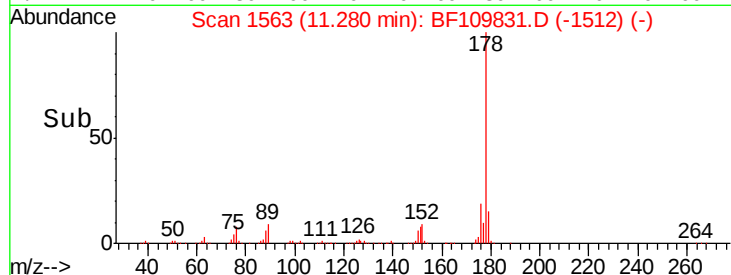
Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



Time-->



#72
 Carbazole
 Concen: 39.835 ng
 RT: 11.44 min Scan# 1590
 Delta R.T. -0.00 min
 Lab File: BF109831.D
 Acq: 12 Oct 2018 14:06

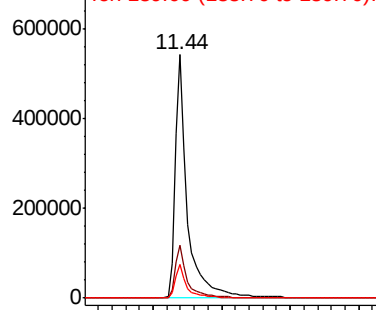
Tgt Ion	Ratio	Lower	Upper
167	100		
166	21.8	17.4	26.0
139	13.6	10.9	16.3

Abundance

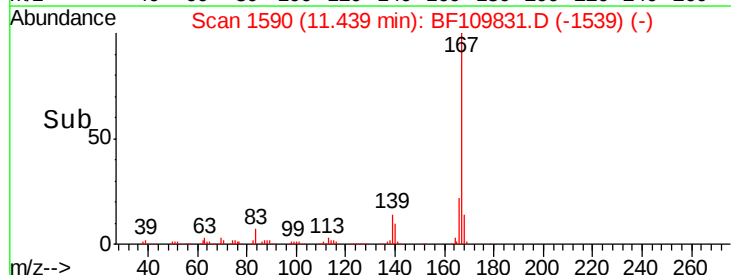
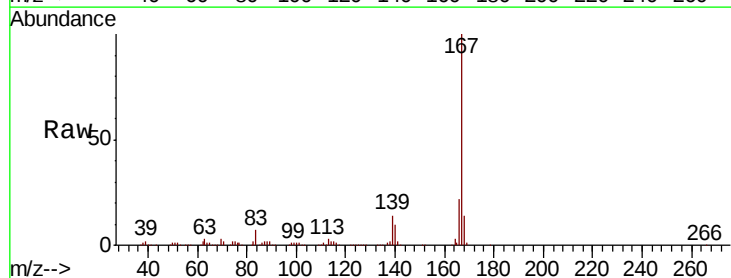
Ion 167.00 (166.70 to 167.70): E

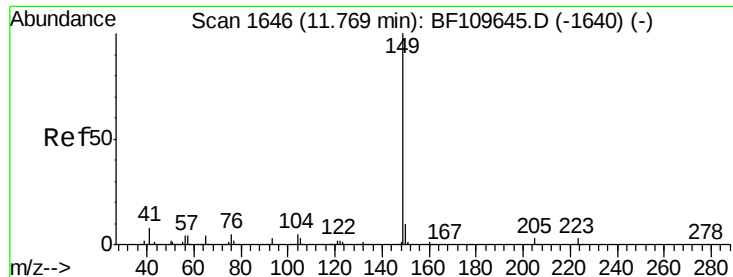
Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E



Time-->





#73

Di-n-butylphthalate

Concen: 40.575 ng

RT: 11.77 min Scan# 1646

Delta R.T. -0.00 min

Lab File: BF109831.D

Acq: 12 Oct 2018 14:06

Instrument :

BNA_F

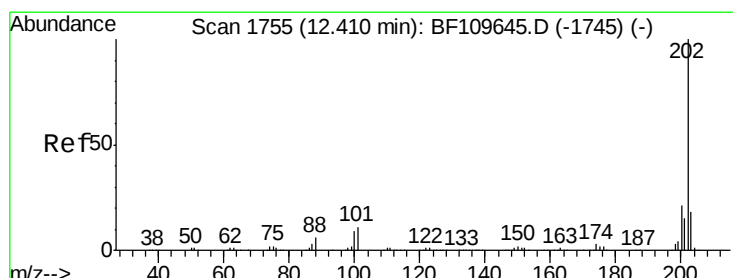
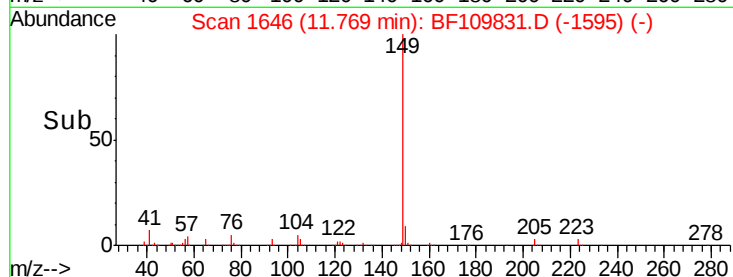
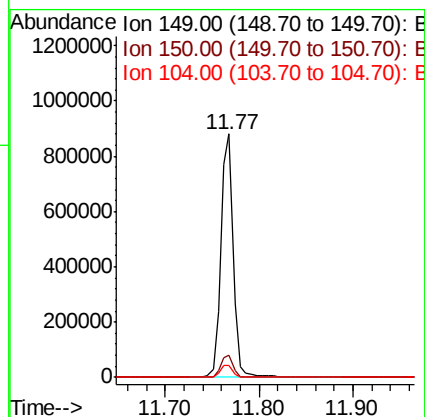
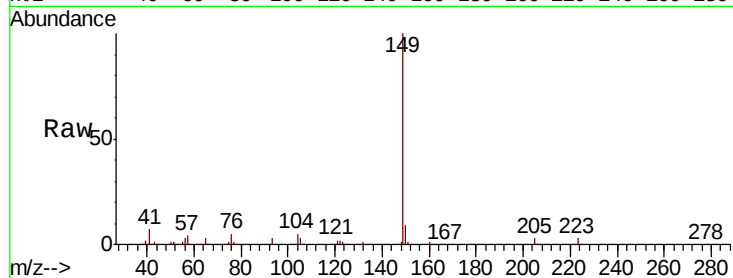
ClientSampleId :

PB113692BS

Tot Ion:	149	Resp:	812037
Ion Ratio	Lower	Upper	
149	100		
150	9.1	7.7	11.5
104	5.2	4.2	6.4

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#74

Fluoranthene

Concen: 43.473 ng

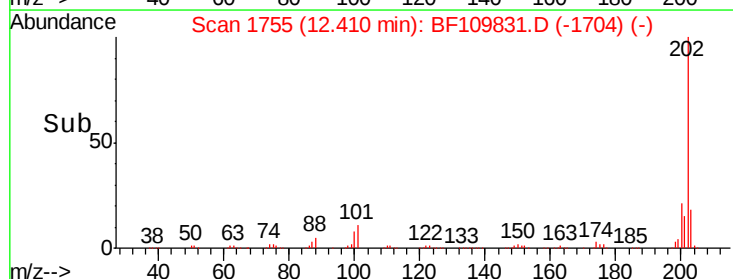
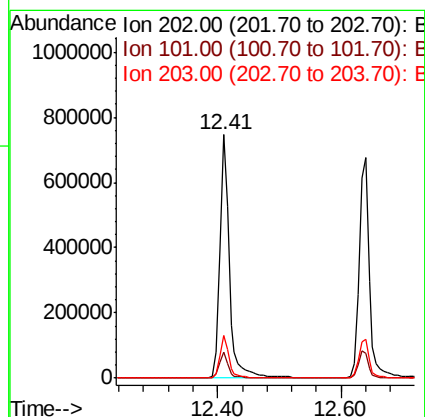
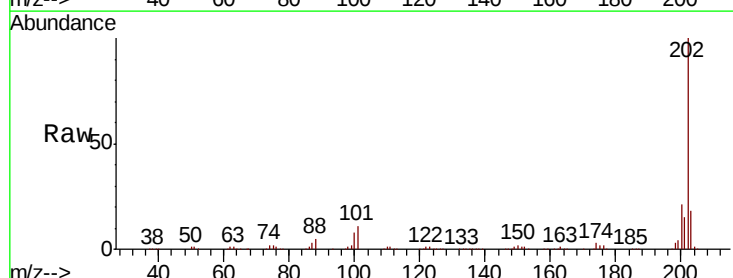
RT: 12.41 min Scan# 1755

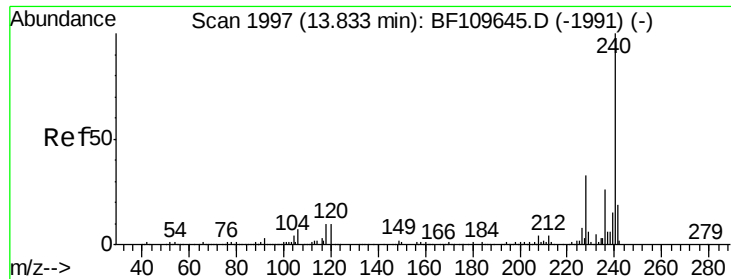
Delta R.T. -0.00 min

Lab File: BF109831.D

Acq: 12 Oct 2018 14:06

Tgt Ion:	202	Resp:	781642
Ion Ratio	Lower	Upper	
202	100		
101	10.6	0.0	31.4
203	17.7	0.0	37.7





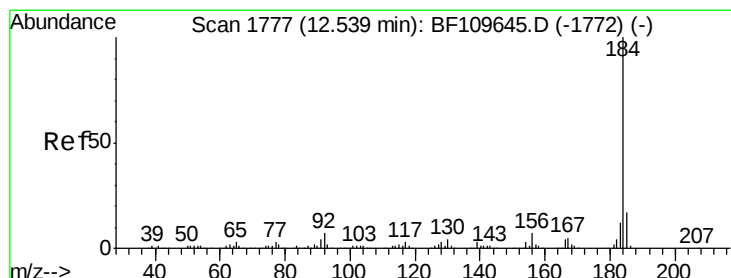
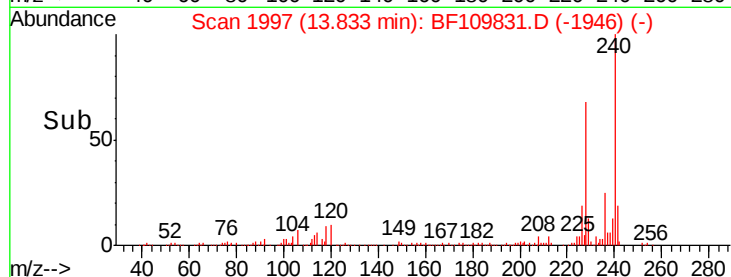
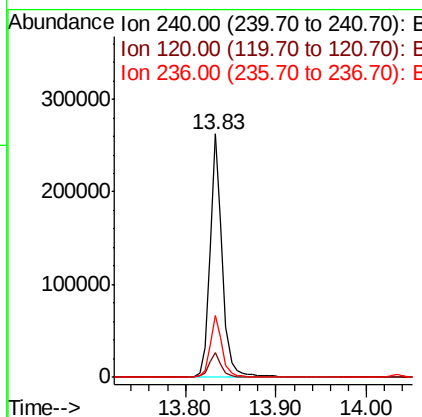
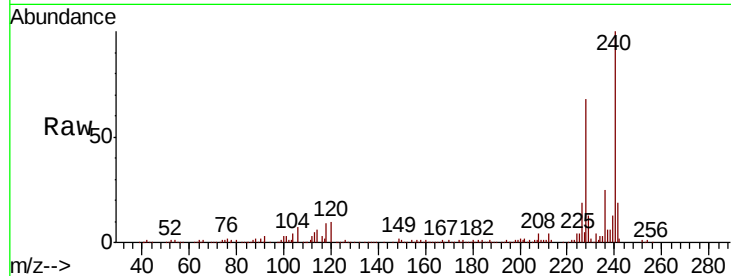
#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.83 min Scan# 1997
Delta R.T. -0.00 min
Lab File: BF109831.D
Acq: 12 Oct 2018 14:06

Instrument :
BNA_F
ClientSampleId :
PB113692BS

Tot Ion	Ratio	Lower	Upper
240	100		
120	10.3	8.3	12.5
236	25.3	21.2	31.8

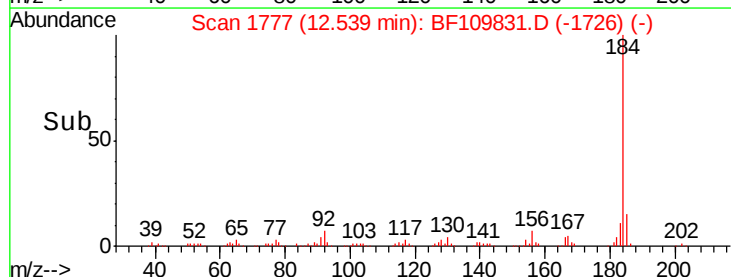
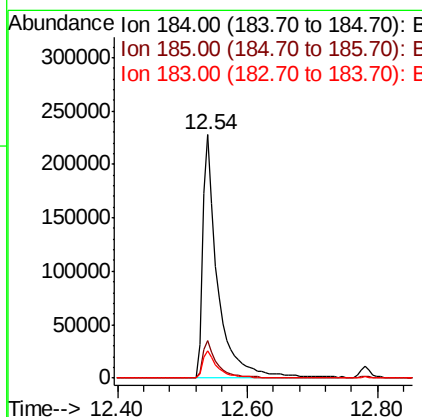
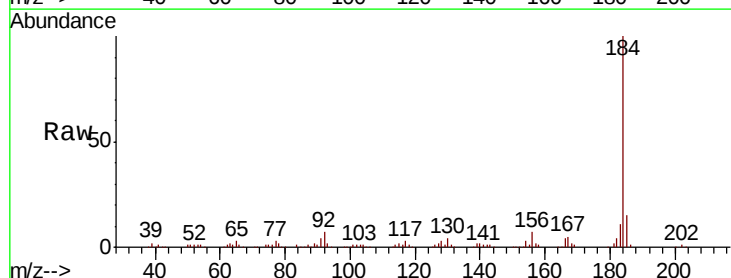
Manual Integrations
APPROVED

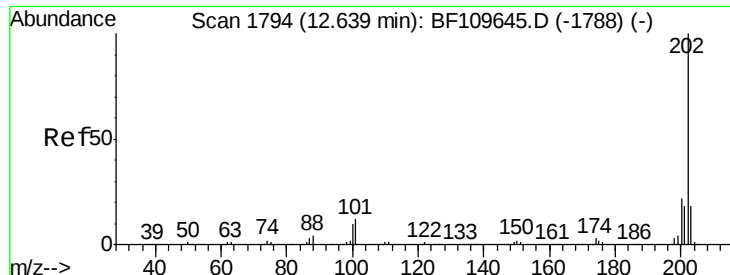
Sohil
10/15/2018 10:28:22 AM



#76
Benzidine
Concen: 39.467 ng
RT: 12.54 min Scan# 1777
Delta R.T. -0.00 min
Lab File: BF109831.D
Acq: 12 Oct 2018 14:06

Tgt Ion	Ratio	Lower	Upper
184	100		
185	15.4	13.4	20.2
183	11.4	9.4	14.2





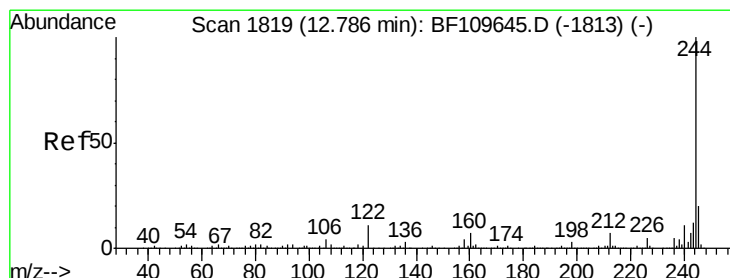
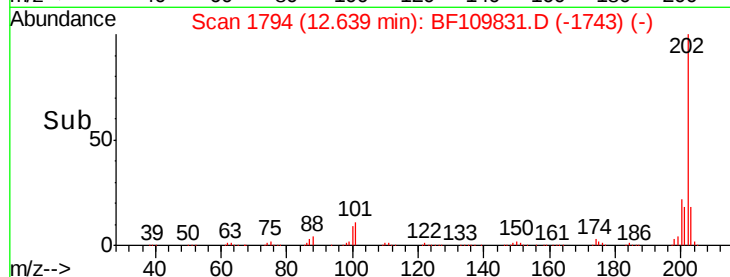
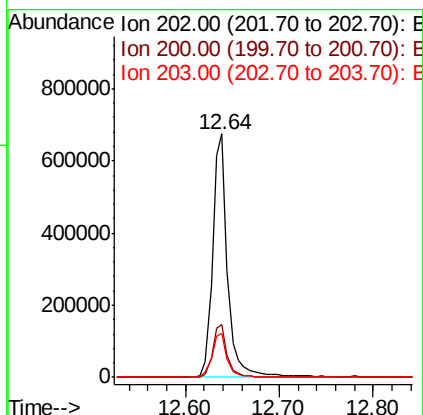
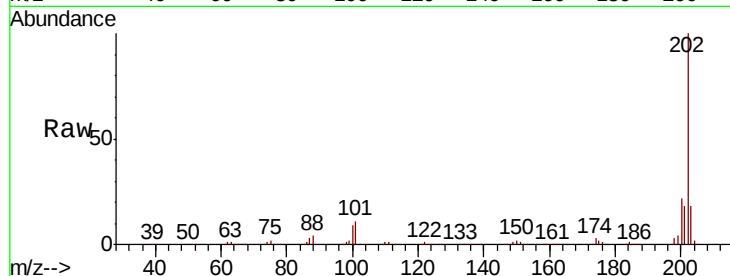
#77
Pvrene
Concen: 41.637 ng
RT: 12.64 min Scan# 1794
Delta R.T. -0.00 min
Lab File: BF109831.D
Acq: 12 Oct 2018 14:06

Instrument :
BNA_F
ClientSampleId :
PB113692BS

Tot Ion	Ratio	Lower	Upper
202	100		
200	21.9	17.8	26.6
203	17.9	14.2	21.4

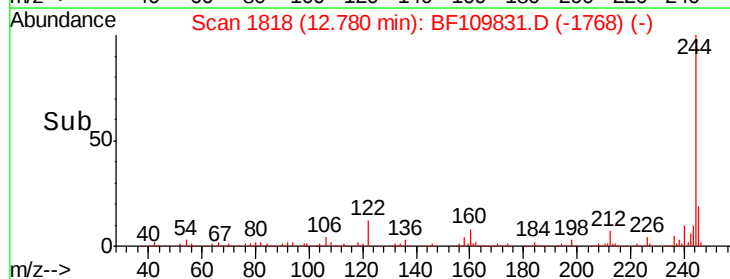
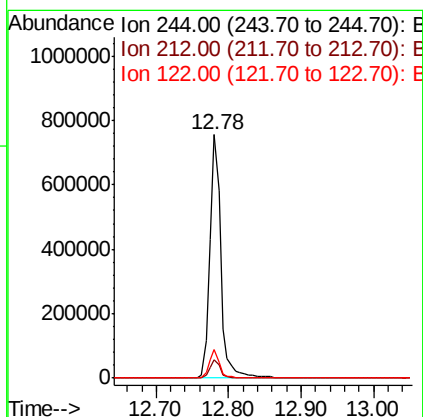
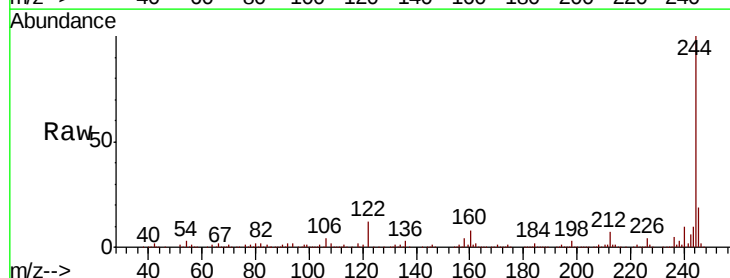
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APPROVED

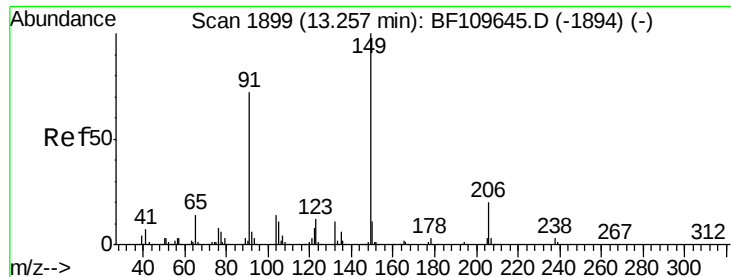
Sohil
10/15/2018 10:28:22 AM



#78
Terphenyl-d14
Concen: 62.064 ng
RT: 12.78 min Scan# 1818
Delta R.T. -0.01 min
Lab File: BF109831.D
Acq: 12 Oct 2018 14:06

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.3	5.8	8.8
122	11.5	8.7	13.1





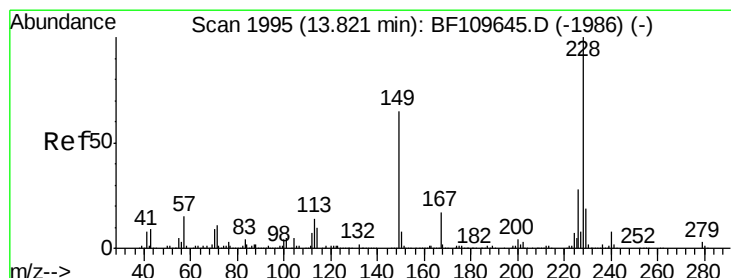
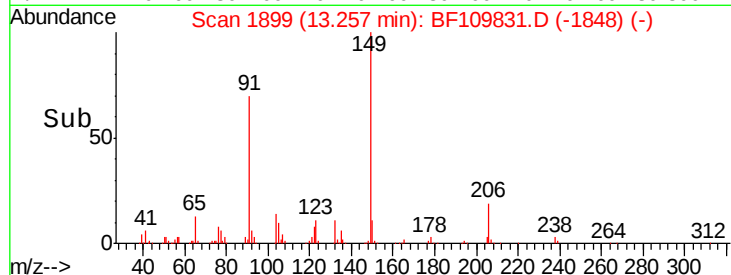
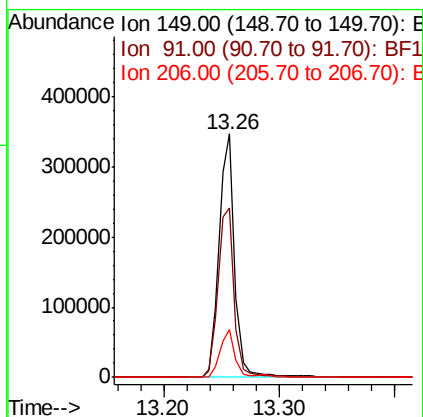
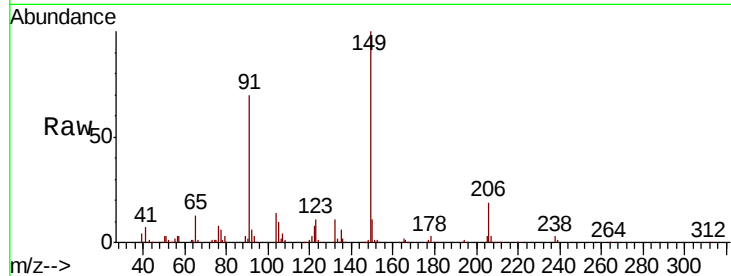
#79
Butylbenzylphthalate
Concen: 41.419 ng
RT: 13.26 min Scan# 1899
Delta R.T. -0.00 min
Lab File: BF109831.D
Acq: 12 Oct 2018 14:06

Instrument :
BNA_F
ClientSampleId :
PB113692BS

Tot Ion	Ratio	Resp	Lower	Upper
149	100	326498		
91	69.7	57.2	85.8	
206	19.4	15.7	23.5	

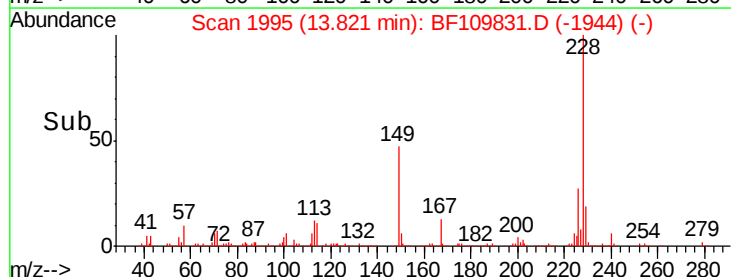
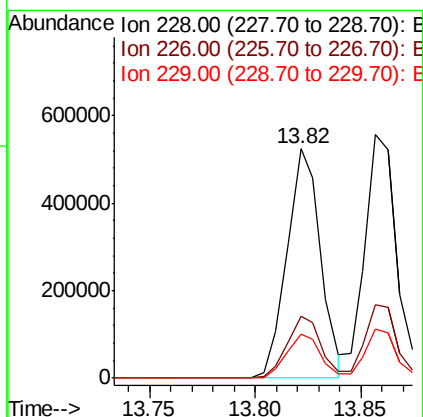
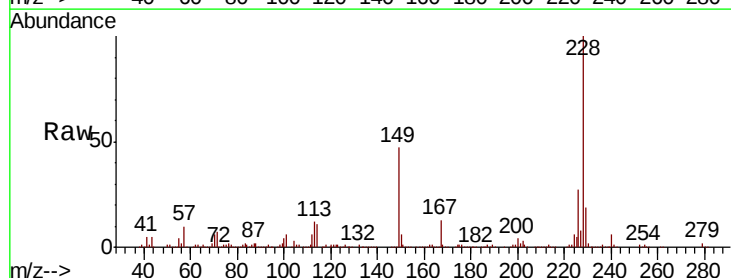
Manual Integrations
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#80
Benzo(a)anthracene
Concen: 42.374 ng
RT: 13.82 min Scan# 1995
Delta R.T. -0.00 min
Lab File: BF109831.D
Acq: 12 Oct 2018 14:06

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	580301		
226	27.1	22.1	33.1	
229	19.0	15.6	23.4	





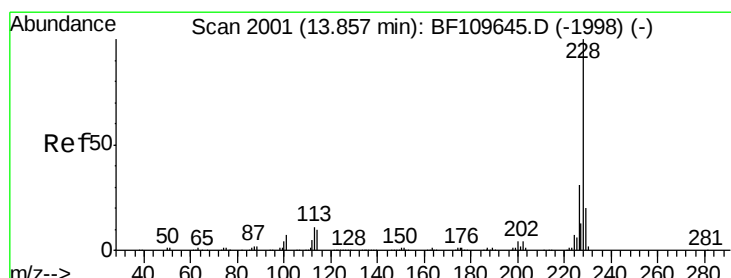
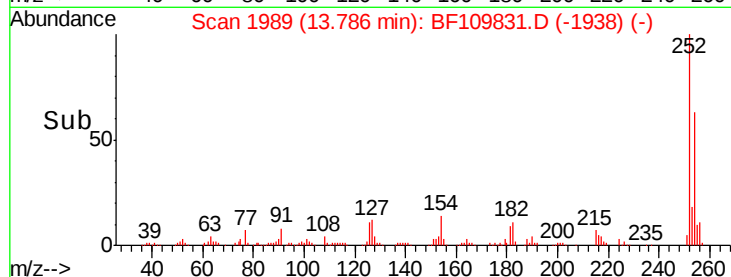
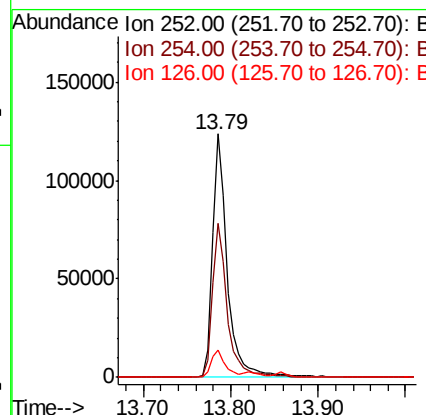
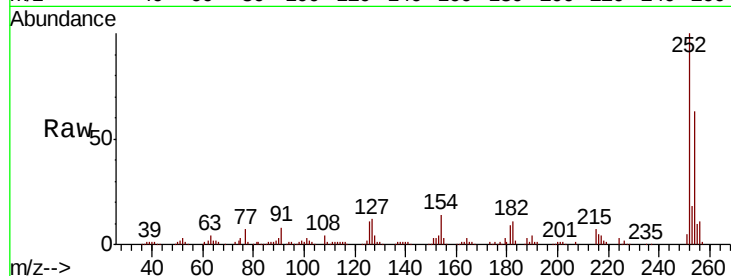
#81
 3,3'-Dichlorobenzidine
 Concen: 26.574 ng
 RT: 13.79 min Scan# 1989
 Delta R.T. -0.00 min
 Lab File: BF109831.D
 Acq: 12 Oct 2018 14:06

Instrument :
 BNA_F
 ClientSampleId :
 PB113692BS

Tot Ion	Ratio	Resp	Lower	Upper
252	100	146533		
254	63.2	51.3	76.9	
126	11.4	9.4	14.2	

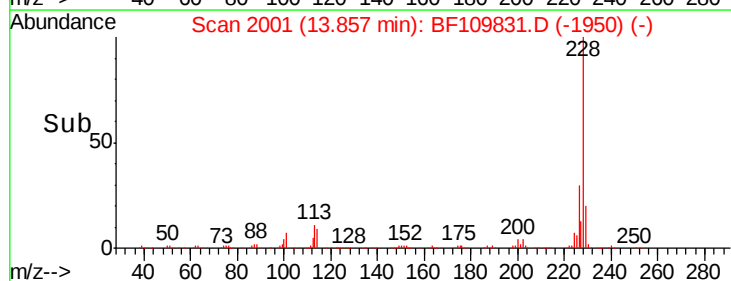
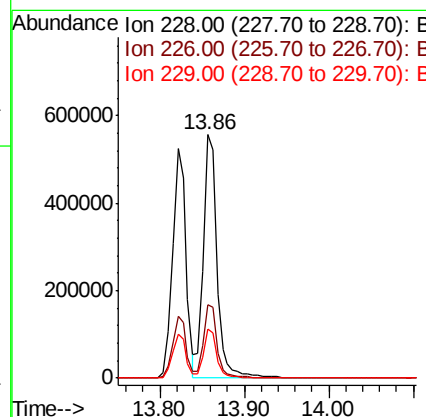
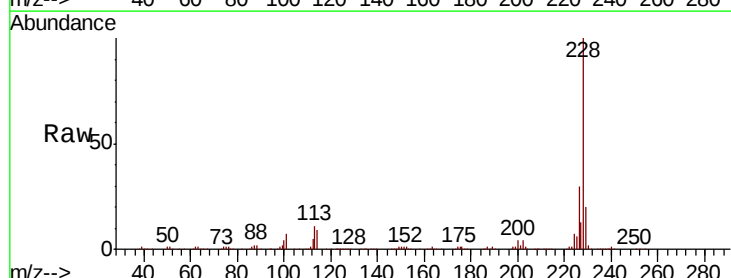
Manual Integrations
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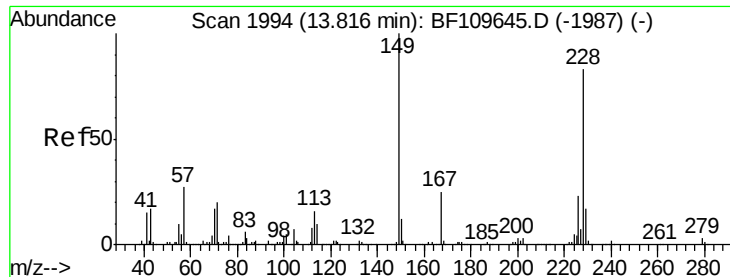
Sohil
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#82
 Chrysene
 Concen: 43.120 ng
 RT: 13.86 min Scan# 2001
 Delta R.T. -0.00 min
 Lab File: BF109831.D
 Acq: 12 Oct 2018 14:06

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	620266		
226	30.4	24.7	37.1	
229	20.0	15.9	23.9	





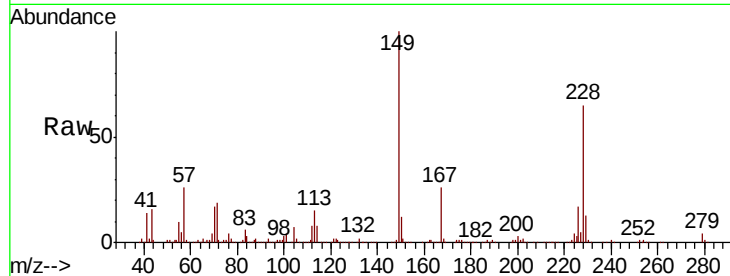
#83
Bis(2-ethylhexyl)phthalate
Concen: 42.095 ng
RT: 13.82 min Scan# 1994
Delta R.T. -0.00 min
Lab File: BF109831.D
Acq: 12 Oct 2018 14:06

Instrument :
BNA_F
ClientSampleId :
PB113692BS

Tot Ion	Ratio	Lower	Upper
149	100		
167	25.6	19.8	29.8
279	3.6	2.7	4.1

Manual Integrations
APPROVED

Sohil
10/15/2018 10:28:22 AM

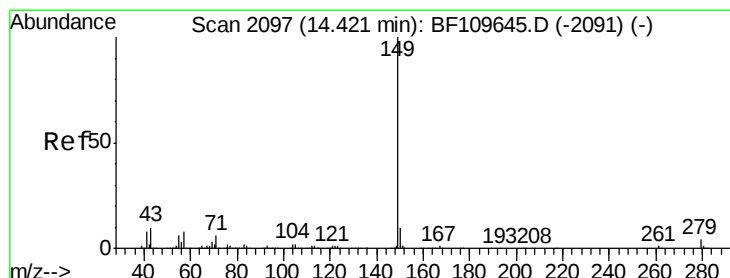
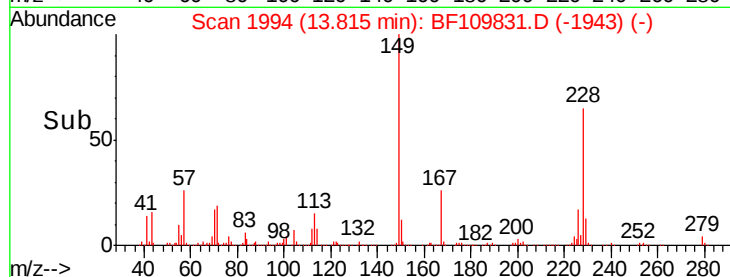
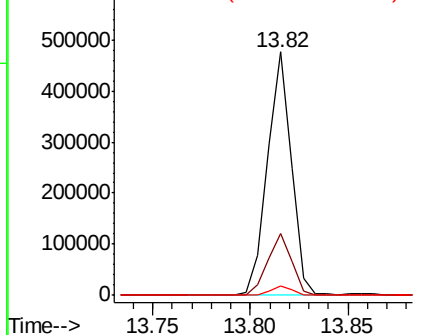


Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#84
Di-n-octyl phthalate
Concen: 41.888 ng
RT: 14.42 min Scan# 2097
Delta R.T. -0.00 min
Lab File: BF109831.D
Acq: 12 Oct 2018 14:06

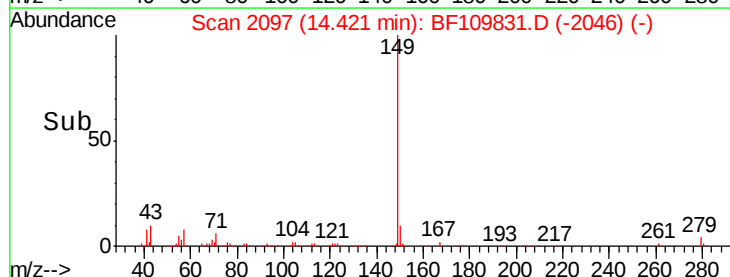
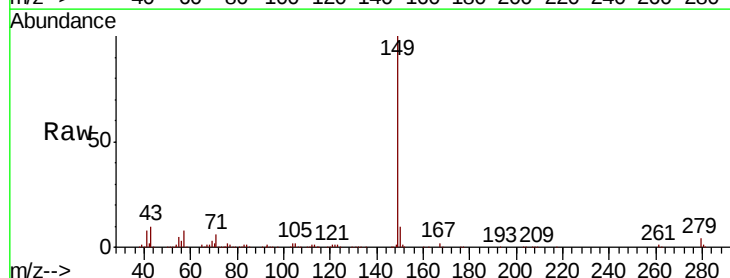
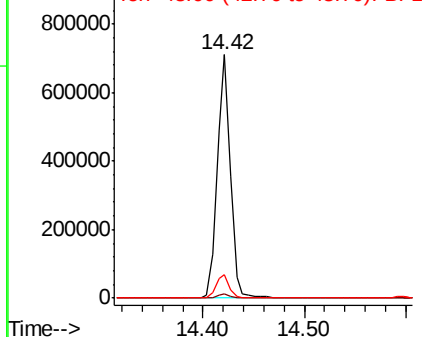
Tgt Ion	Ratio	Lower	Upper
149	100		
167	1.5	1.1	1.7
43	9.8	7.8	11.8

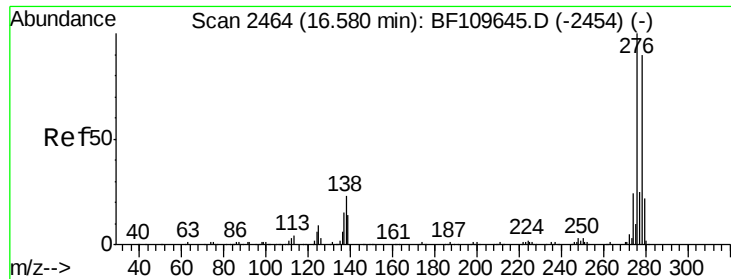
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF1





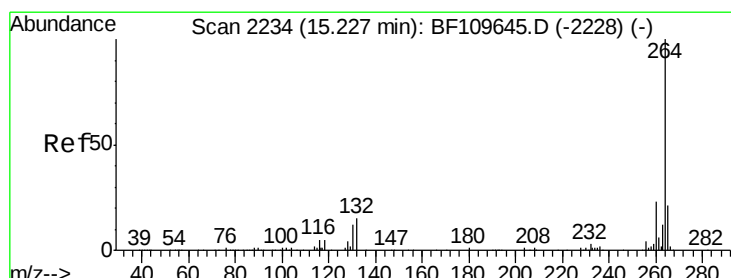
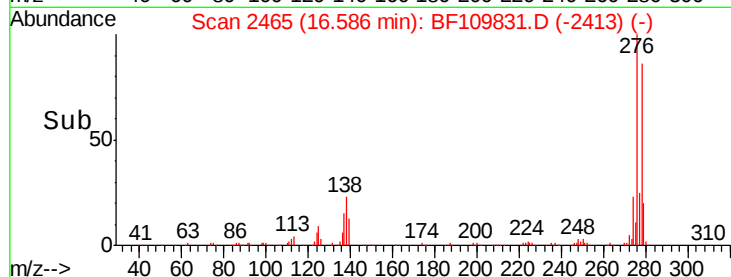
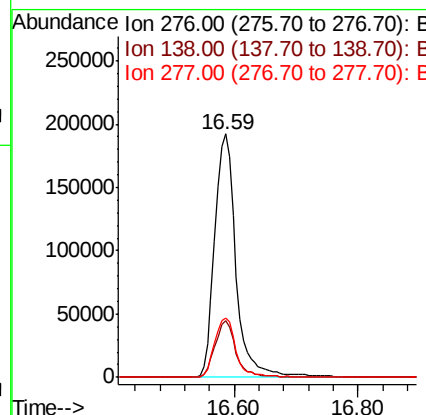
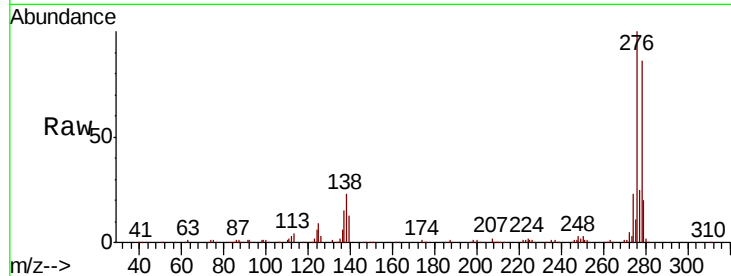
#85
Indeno(1,2,3-cd)pyrene
Concen: 44.426 ng
RT: 16.59 min Scan# 2465
Delta R.T. 0.01 min
Lab File: BF109831.D
Acq: 12 Oct 2018 14:06

Instrument :
BNA_F
ClientSampleId :
PB113692BS

Tot Ion	Ion	Ratio	Lower	Upper
276	100			
138	22.7	18.5	27.7	
277	24.3	20.0	30.0	

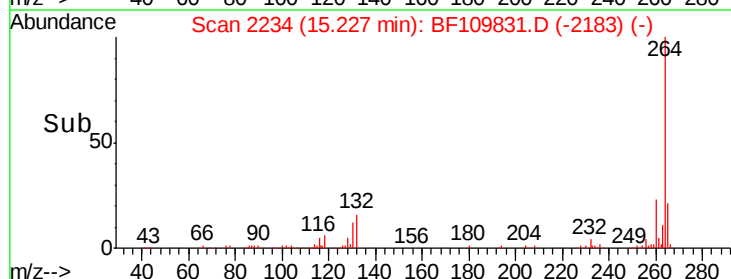
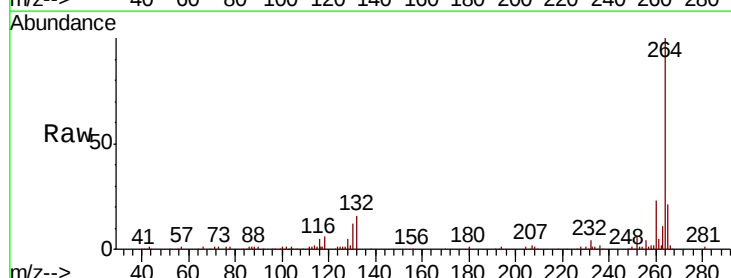
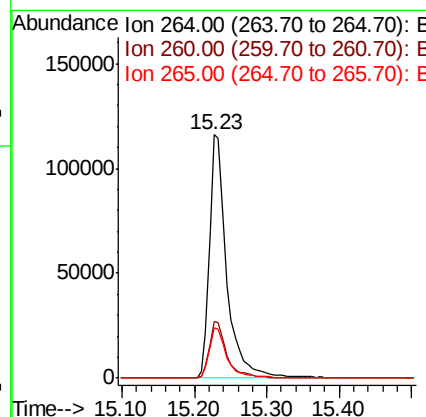
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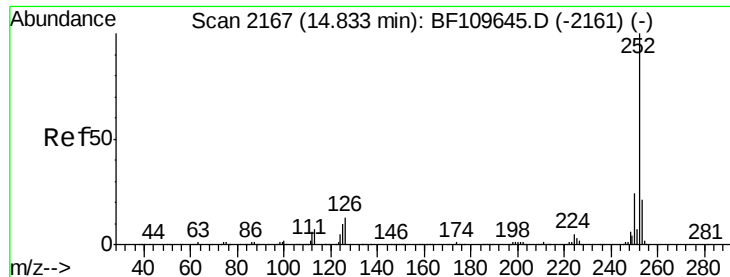
Sohil
10/15/2018 10:28:22 AM



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.23 min Scan# 2234
Delta R.T. -0.00 min
Lab File: BF109831.D
Acq: 12 Oct 2018 14:06

Tgt Ion	Ion	Ratio	Lower	Upper
264	100			
260	23.3	18.7	28.1	
265	20.9	16.7	25.1	





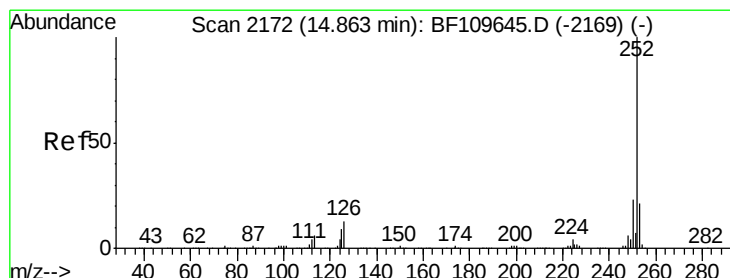
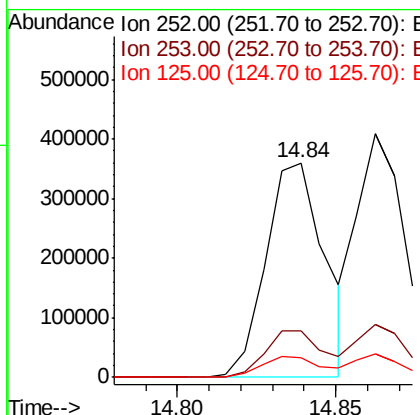
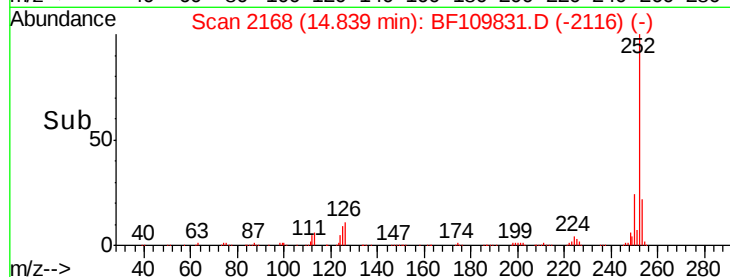
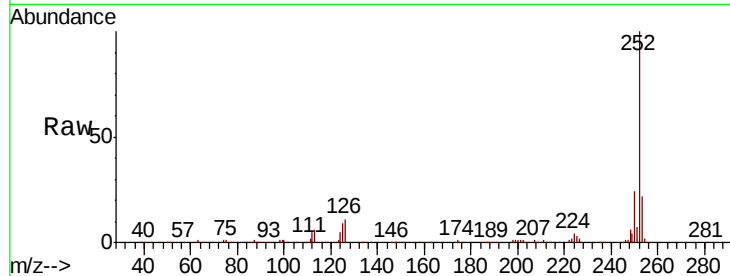
#87
Benzo(b)fluoranthene
Concen: 43.378 ng
RT: 14.84 min Scan# 2168
Delta R.T. 0.01 min
Lab File: BF109831.D
Acq: 12 Oct 2018 14:06

Instrument :
BNA_F
ClientSampleId :
PB113692BS

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.7	17.2	25.8
125	8.9	8.2	12.4

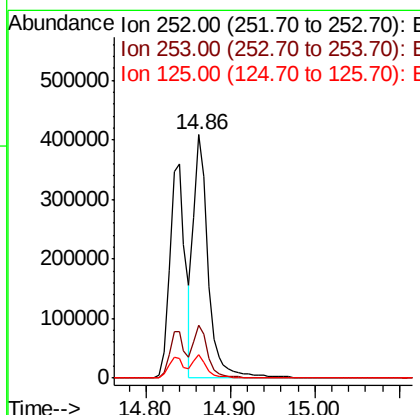
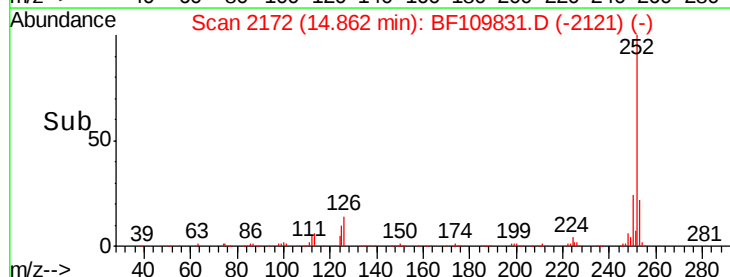
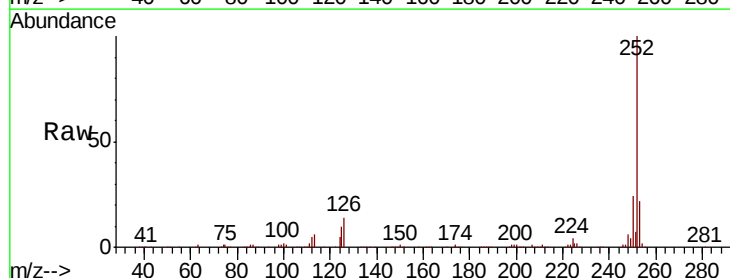
Manual Integrations
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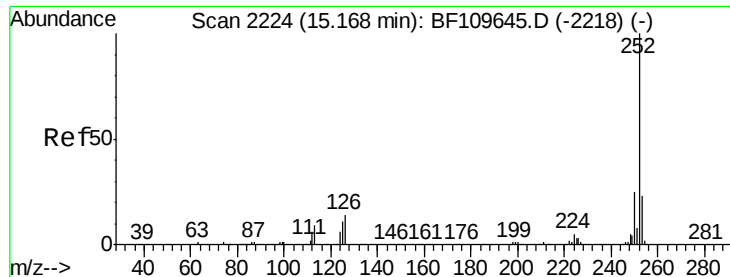
Sohil
10/15/2018 10:28:22 AM



#88
Benzo(k)fluoranthene
Concen: 45.053 ng
RT: 14.86 min Scan# 2172
Delta R.T. -0.00 min
Lab File: BF109831.D
Acq: 12 Oct 2018 14:06

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.8	17.2	25.8
125	9.6	7.4	11.0





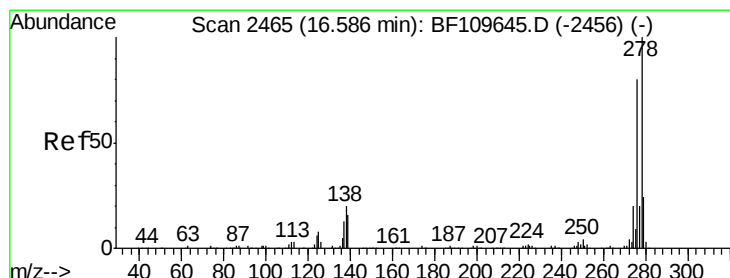
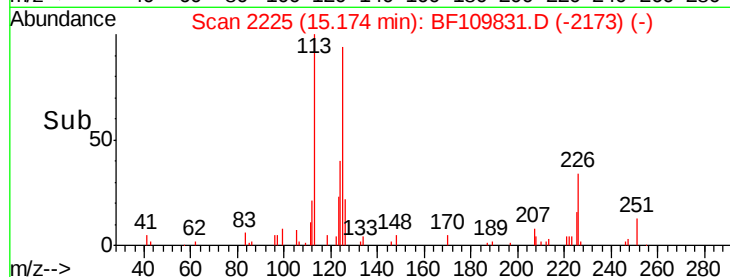
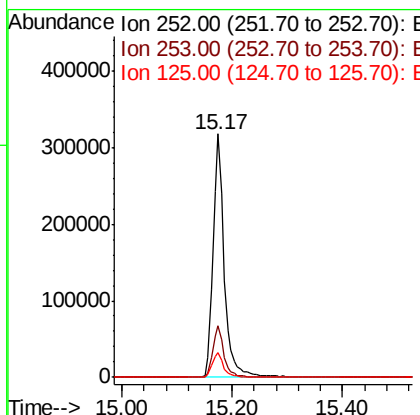
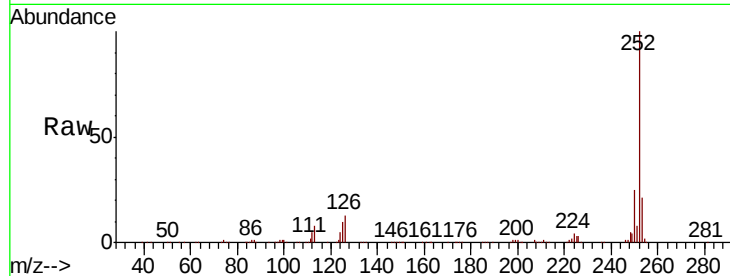
#89
Benzo(a)pyrene
Concen: 46.154 ng
RT: 15.17 min Scan# 2225
Delta R.T. 0.01 min
Lab File: BF109831.D
Acq: 12 Oct 2018 14:06

Instrument :
BNA_F
ClientSampleId :
PB113692BS

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.2	18.2	27.4
125	10.4	9.0	13.6

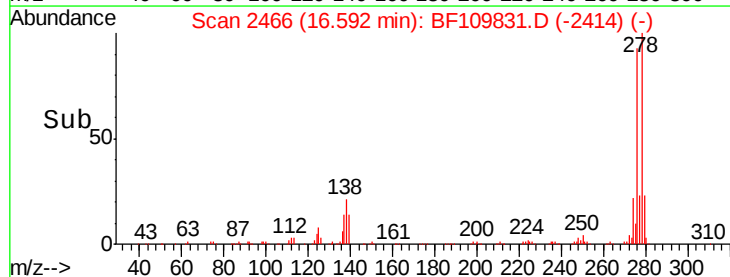
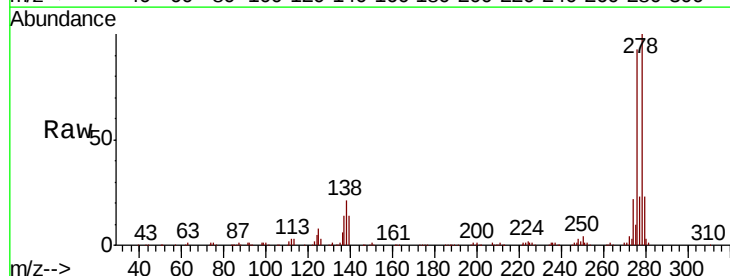
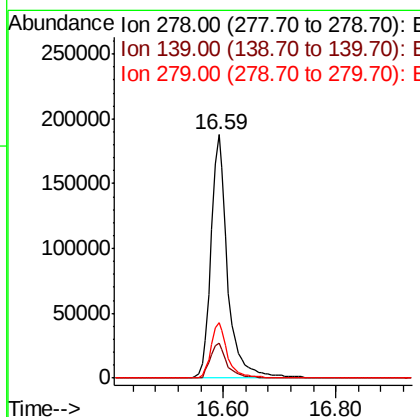
Manual Integrations
APPROVED

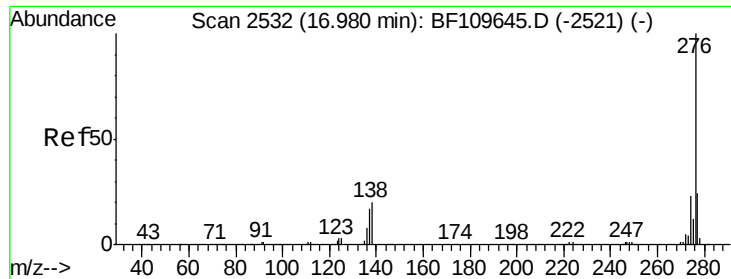
Sohil
10/15/2018 10:28:22 AM



#90
Dibenzo(a,h)anthracene
Concen: 48.140 ng
RT: 16.59 min Scan# 2466
Delta R.T. 0.01 min
Lab File: BF109831.D
Acq: 12 Oct 2018 14:06

Tgt Ion	Ratio	Lower	Upper
278	100		
139	14.2	12.7	19.1
279	22.6	19.0	28.4





#91
 Benzo(a,h,i)perylene
 Concen: 48.597 ng
 RT: 16.99 min Scan# 2533
 Delta R.T. 0.01 min
 Lab File: BF109831.D
 Acq: 12 Oct 2018 14:06

Instrument :
 BNA_F
 ClientSampleId :
 PB113692BS

Tot Ion:	276	Resp:	386482
Ion Ratio	Lower	Upper	
276	100		
277	23.5	18.8	28.2
138	18.3	16.0	24.0

Manual Integrations
 APPROVED

Sohil
 10/15/2018 10:28:22 AM

