

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF101018\
 Data File : BF109745.D
 Acq On : 10 Oct 2018 16:32
 Operator : JU/SJ
 Sample : J5302-03MSD
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-TW-3-(16.5-17)MSD

Manual Integrations
 APPROVED

Sohil
 10/11/2018 2:02:37 PM

Quant Time: Oct 10 17:39:57 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	78460	20.00	ng	0.00
21) Naphthalene-d8	7.97	136	309446	20.00	ng	0.00
38) Acenaphthene-d10	9.73	164	153631	20.00	ng	0.00
63) Phenanthrene-d10	11.20	188	313715	20.00	ng	0.00
75) Chrysene-d12	13.83	240	227009	20.00	ng	0.00
86) Perylene-d12	15.23	264	195161	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.32	112	787770	178.22	ng	0.00
7) Phenol-d6	6.36	99	1018504	172.48	ng	0.00
23) Nitrobenzene-d5	7.26	82	693709	123.57	ng	0.00
41) 2,4,6-Tribromophenol	10.52	330	305856	182.71	ng	0.00
44) 2-Fluorobiphenyl	9.05	172	1175720	105.40	ng	0.00
78) Terphenyl-d14	12.79	244	1263093	107.71	ng	0.00

Target Compounds				Qvalue		
2) 1,4-Dioxane	2.39	88	63531	27.386	ng	96
3) Pyridine	3.14	79	132661	27.718	ng	99
4) n-Nitrosodimethylamine	3.05	42	63756	36.907	ng	# 92
6) Aniline	6.37	93	272498	39.615	ng	# 76
8) 2-Chlorophenol	6.49	128	223615	41.134	ng	93
9) Benzaldehyde	6.25	77	105688	27.814	ng	97
10) Phenol	6.37	94	271700	40.127	ng	86
11) bis(2-Chloroethyl)ether	6.44	93	185790	33.097	ng	99
12) 1,3-Dichlorobenzene	6.64	146	226487	36.426	ng	98
13) 1,4-Dichlorobenzene	6.72	146	253701	37.432	ng	100
14) 1,2-Dichlorobenzene	6.87	146	234864	39.458	ng	99
15) Benzyl Alcohol	6.85	79	179084	40.909	ng	99
16) 2,2'-oxybis(1-Chloropropan	6.98	45	286746	38.524	ng	90
17) 2-Methylphenol	6.97	107	177907	41.384	ng	98
18) Hexachloroethane	7.20	117	89168	37.220	ng	95
19) n-Nitroso-di-n-propylamine	7.12	70	161025	38.886	ng	100
20) 3+4-Methylphenols	7.12	107	215256	40.635	ng	92
22) Acetophenone	7.11	105	331822	44.343	ng	99
24) Nitrobenzene	7.28	77	242167	41.457	ng	98
25) Isophorone	7.52	82	447956	48.054	ng	98
26) 2-Nitrophenol	7.60	139	115653	42.328	ng	97
27) 2,4-Dimethylphenol	7.65	122	195944	49.662	ng	99
28) bis(2-Chloroethoxy)methane	7.73	93	278201	44.121	ng	98
29) 2,4-Dichlorophenol	7.85	162	198629	44.882	ng	99
30) 1,2,4-Trichlorobenzene	7.92	180	197173	40.246	ng	99
31) Naphthalene	8.00	128	625128	43.682	ng	100
32) Benzoic acid	7.76	122	37605	13.331	ng	# 83
33) 4-Chloroaniline	8.06	127	271024	43.005	ng	97
34) Hexachlorobutadiene	8.12	225	118975	39.058	ng	97
35) Caprolactam	8.42	113	57298m	43.352	ng	
36) 4-Chloro-3-methylphenol	8.55	107	214986	46.020	ng	97
37) 2-Methylnaphthalene	8.69	142	441025	47.046	ng	99
39) 1,2,4,5-Tetrachlorobenzene	8.86	216	208764	39.919	ng	99
40) Hexachlorocyclopentadiene	8.85	237	158322	70.117	ng	100

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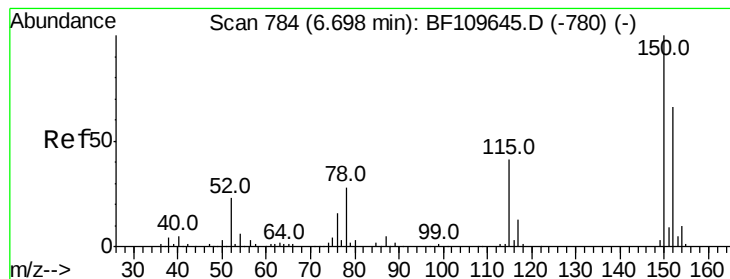
Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	8.97	196	130585	41.770	ng	99
43) 2,4,5-Trichlorophenol	9.02	196	158716	44.155	ng	96
45) 1,1'-Biphenyl	9.15	154	550863	40.137	ng	100
46) 2-Chloronaphthalene	9.17	162	418797	40.730	ng	98
47) 2-Nitroaniline	9.27	65	139442	44.787	ng	98
48) Acenaphthylene	9.59	152	677467	45.194	ng	99
49) Dimethylphthalate	9.46	163	557438	49.474	ng	100
50) 2,6-Dinitrotoluene	9.52	165	111455	45.633	ng	94
51) Acenaphthene	9.76	154	373068	41.982	ng	99
52) 3-Nitroaniline	9.69	138	115533	42.199	ng	93
53) 2,4-Dinitrophenol	9.80	184	44359	56.293	ng	95
54) Dibenzofuran	9.93	168	573682	43.068	ng	100
55) 4-Nitrophenol	9.87	139	132185	88.206	ng	96
56) 2,4-Dinitrotoluene	9.92	165	145737	47.814	ng	95
57) Fluorene	10.27	166	464613	46.707	ng	100
58) 2,3,4,6-Tetrachlorophenol	10.06	232	139731	47.821	ng	97
59) Diethylphthalate	10.15	149	506004	45.325	ng	99
60) 4-Chlorophenyl-phenylether	10.26	204	222347	42.369	ng	98
61) 4-Nitroaniline	10.31	138	120231	47.419	ng	99
62) Azobenzene	10.43	77	513113	45.261	ng	98
64) 4,6-Dinitro-2-methylphenol	10.33	198	51456	33.699	ng	79
65) n-Nitrosodiphenylamine	10.39	169	435112	40.913	ng	99
66) 4-Bromophenyl-phenylether	10.75	248	145000	40.226	ng	93
67) Hexachlorobenzene	10.82	284	156453	40.082	ng	96
68) Atrazine	10.92	200	139827	42.129	ng	100
69) Pentachlorophenol	11.02	266	147103	66.975	ng	99
70) Phenanthrene	11.23	178	692832	44.131	ng	99
71) Anthracene	11.28	178	755122	46.529	ng	100
72) Carbazole	11.44	167	679779	43.188	ng	99
73) Di-n-butylphthalate	11.77	149	815248	44.656	ng	99
74) Fluoranthene	12.41	202	755669	46.074	ng	99
76) Benzidine	12.54	184	440798	52.271	ng	97
77) Pyrene	12.64	202	743740	44.717	ng	99
79) Butylbenzylphthalate	13.26	149	341239	47.322	ng	96
80) Benzo(a)anthracene	13.82	228	562969	44.939	ng	99
81) 3,3'-Dichlorobenzidine	13.79	252	208071	41.250	ng	100
82) Chrysene	13.86	228	590505	44.877	ng	99
83) Bis(2-ethylhexyl)phthalate	13.82	149	442320	50.277	ng	98
84) Di-n-octyl phthalate	14.42	149	732993	52.711	ng	100
85) Indeno(1,2,3-cd)pyrene	16.58	276	542856	57.638	ng	100
87) Benzo(b)fluoranthene	14.83	252	502703	46.612	ng	99
88) Benzo(k)fluoranthene	14.86	252	450609	41.584	ng	99
89) Benzo(a)pyrene	15.17	252	453093	46.295	ng	98
90) Dibenzo(a,h)anthracene	16.59	278	451706	56.197	ng	98
91) Benzo(g,h,i)perylene	16.98	276	468572	58.378	ng	99

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



#1

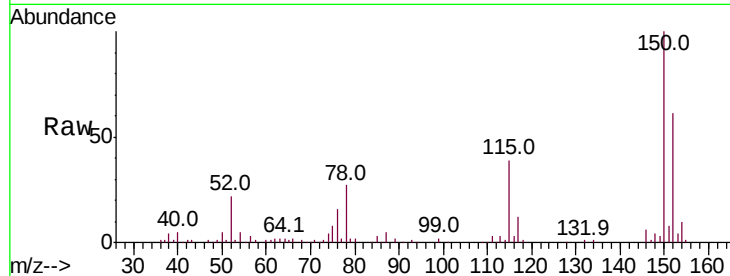
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.70 min Scan# 784
Delta R.T. -0.00 min
Lab File: BF109745.D
Acq: 10 Oct 2018 16:32

Instrument :
BNA_F
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SB-TW-3-(16.5-17)MSD

Tot Ion	Ratio	Lower	Upper
152	100		
150	165.2	122.7	184.1
115	63.7	49.1	73.7

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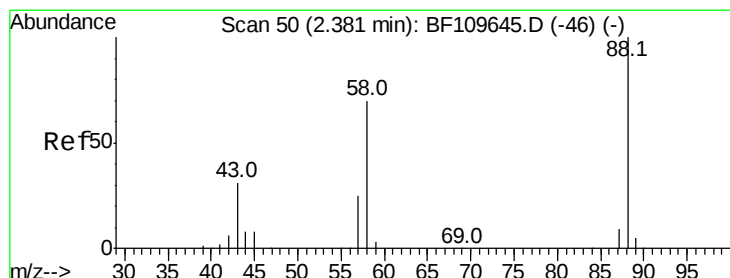
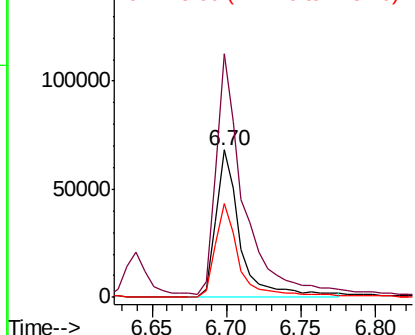
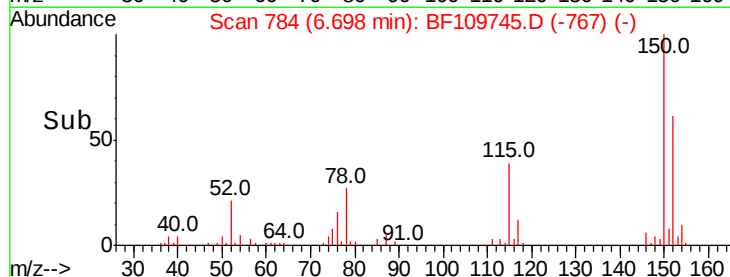


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

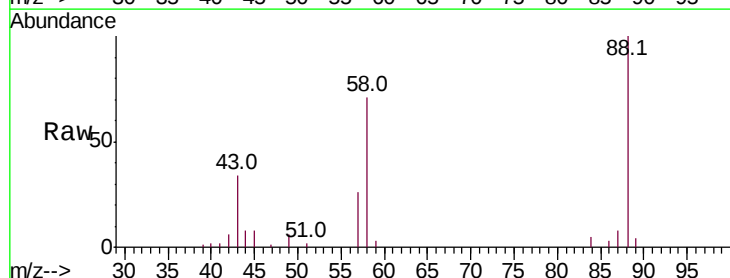
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 27.386 ng
RT: 2.39 min Scan# 51
Delta R.T. 0.01 min
Lab File: BF109745.D
Acq: 10 Oct 2018 16:32

Tgt Ion	Ratio	Lower	Upper
88	100		
58	68.3	57.1	85.7
43	26.8	24.1	36.1

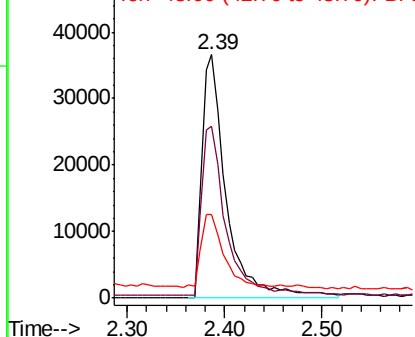
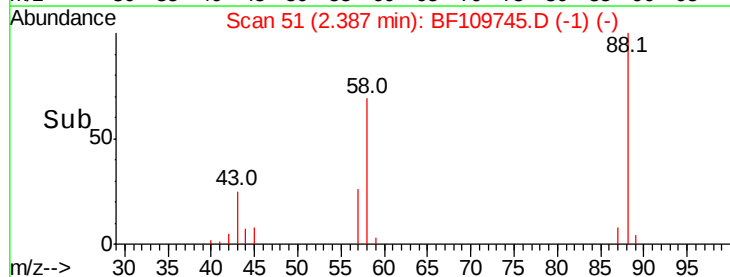


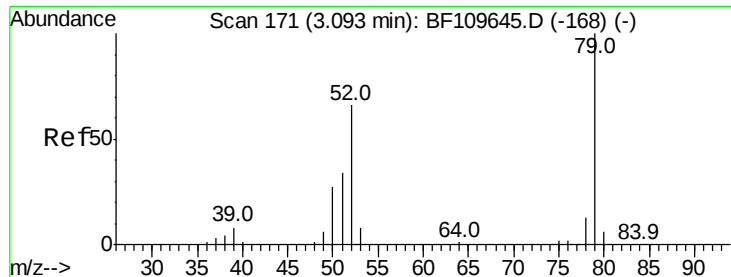
Abundance

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: 27.718 ng

RT: 3.14 min Scan# 179

Delta R.T. 0.05 min

Lab File: BF109745.D

Acq: 10 Oct 2018 16:32

Instrument :

BNA_F

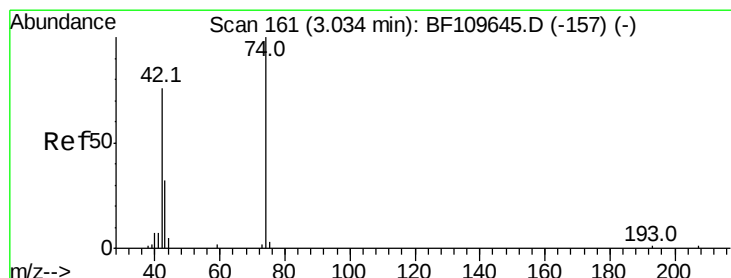
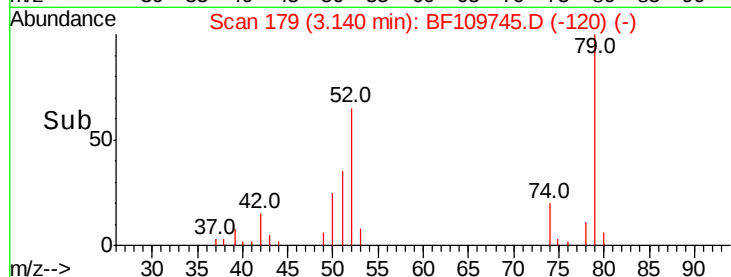
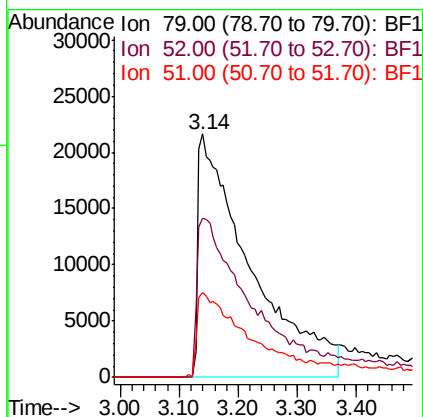
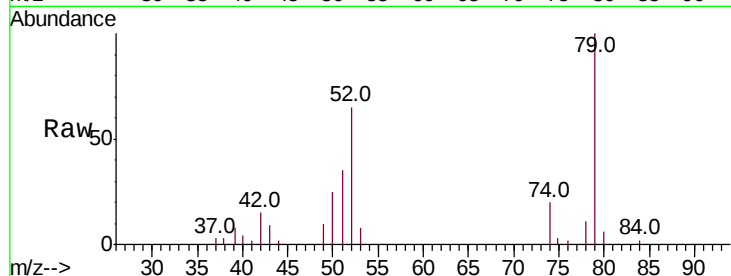
ClientSampleId :

SB-TW-3-(16.5-17)MSD

Tot Ion:	79	Resp:	132661
Ion Ratio	Lower	Upper	
79	100		
52	65.5	53.1	79.7
51	34.8	27.4	41.2

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#4

n-Nitrosodimethylamine

Concen: 36.907 ng

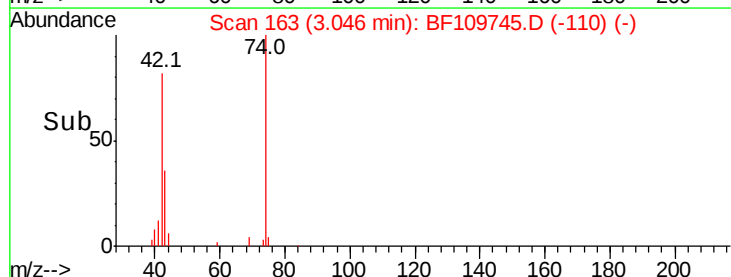
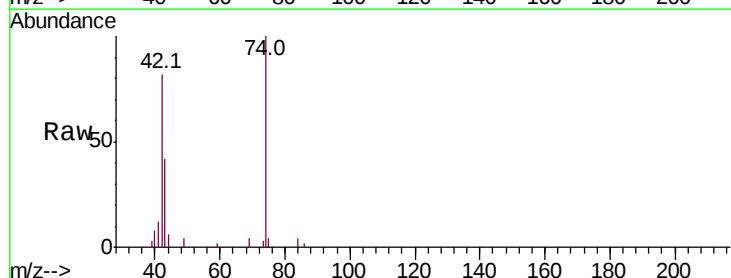
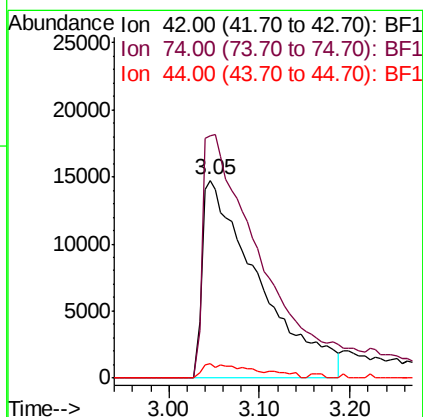
RT: 3.05 min Scan# 163

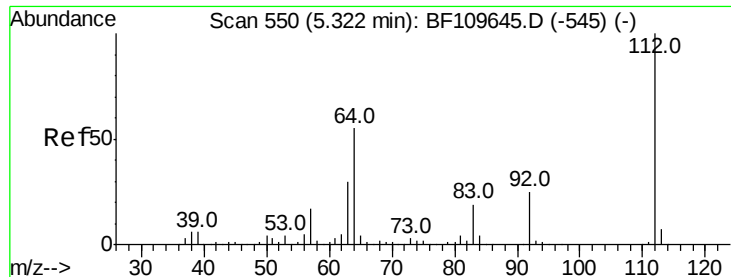
Delta R.T. 0.01 min

Lab File: BF109745.D

Acq: 10 Oct 2018 16:32

Tgt Ion:	42	Resp:	63756
Ion Ratio	Lower	Upper	
42	100		
74	122.5	105.5	158.3
44	7.5	4.9	7.3#





#5

2-Fluorophenol

Concen: 178.220 ng

RT: 5.32 min Scan# 550

Delta R.T. 0.00 min

Lab File: BF109745.D

Acq: 10 Oct 2018 16:32

Instrument :

BNA_F

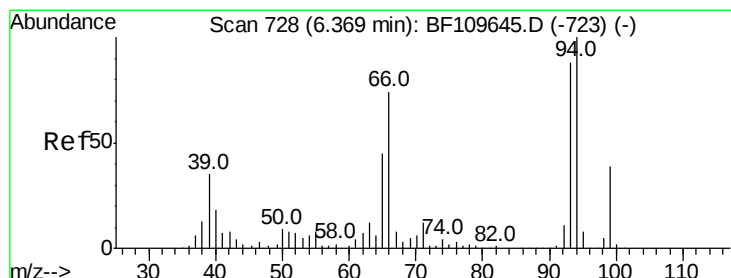
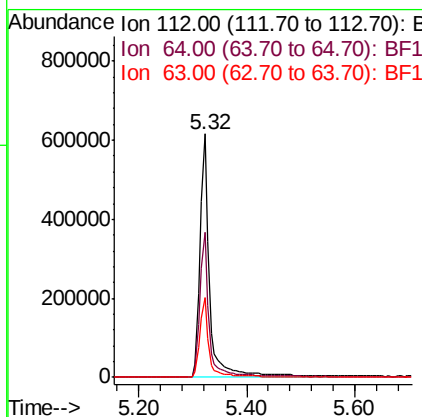
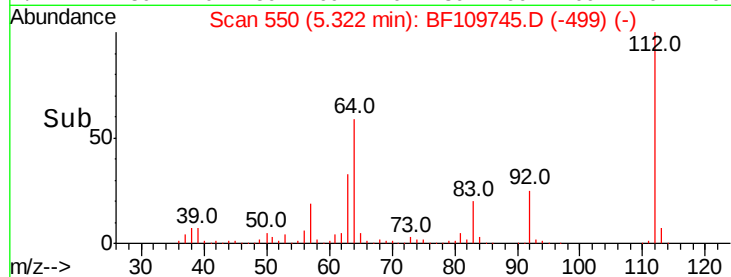
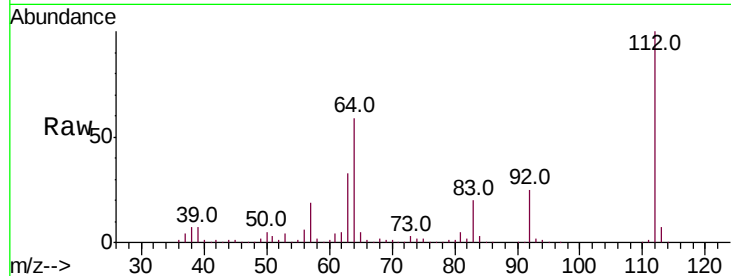
ClientSampleId :

SB-TW-3-(16.5-17)MSD

Tot Ion:	112	Resp:	787770
Ion Ratio	Lower	Upper	
112	100		
64	59.4	44.1	66.1
63	32.6	23.7	35.5

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#6

Aniline

Concen: 39.615 ng

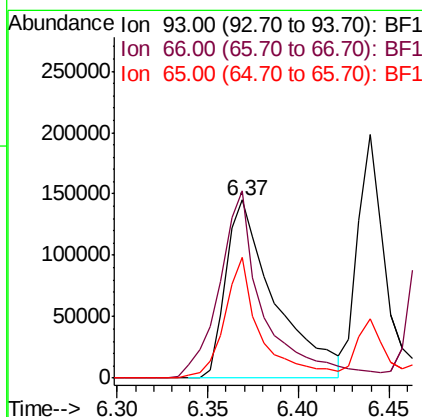
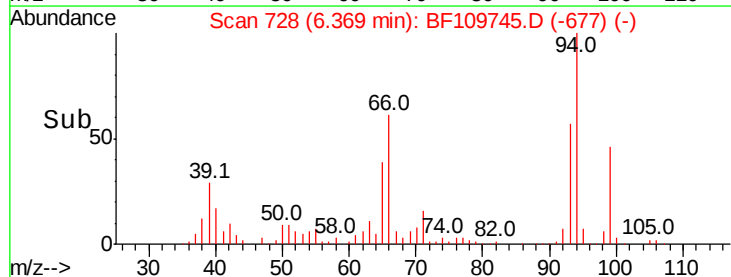
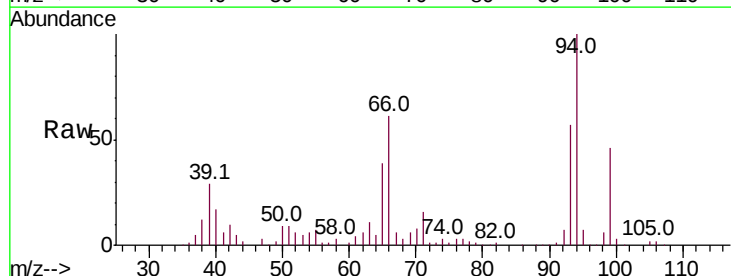
RT: 6.37 min Scan# 728

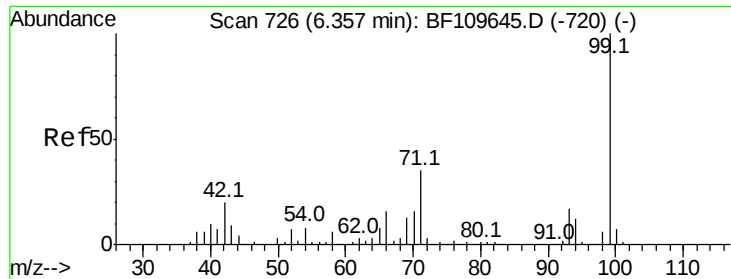
Delta R.T. -0.00 min

Lab File: BF109745.D

Acq: 10 Oct 2018 16:32

Tgt Ion:	93	Resp:	272498
Ion Ratio	Lower	Upper	
93	100		
66	105.7	67.4	101.0#
65	68.1	41.0	61.4#





#7

Phenol-d6

Concen: 172.485 ng

RT: 6.36 min Scan# 726

Delta R.T. -0.00 min

Lab File: BF109745.D

Acq: 10 Oct 2018 16:32

Instrument :

BNA_F

ClientSampleId :

SB-TW-3-(16.5-17)MSD

Tot Ion: 99 Resp: 1018504

Ion Ratio Lower Upper

99 100

42 20.0 15.8 23.6

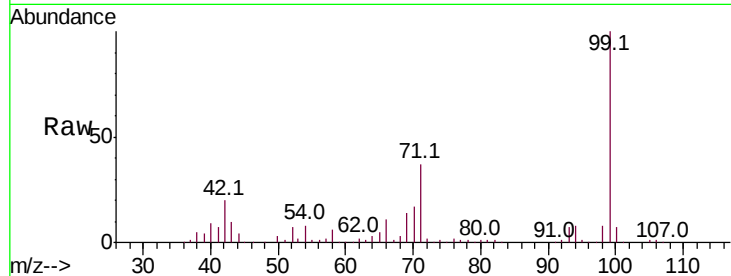
71 37.1 28.0 42.0

Manual Integrations

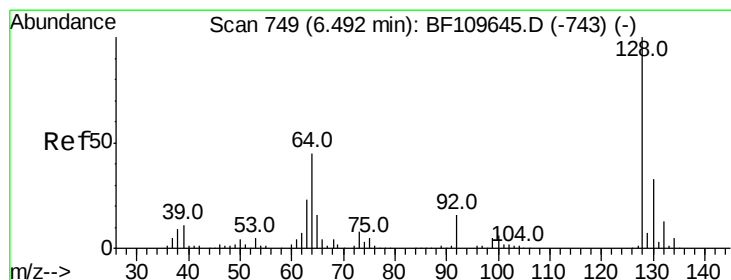
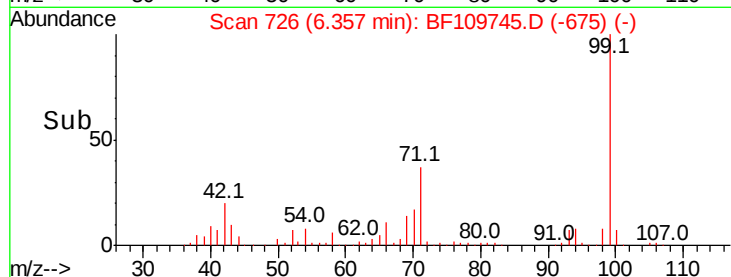
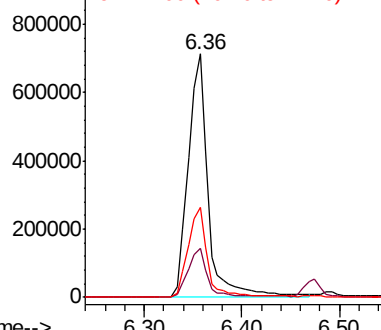
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Abundance Ion 99.00 (98.70 to 99.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 71.00 (70.70 to 71.70): BF1



#8

2-Chlorophenol

Concen: 41.134 ng

RT: 6.49 min Scan# 748

Delta R.T. -0.01 min

Lab File: BF109745.D

Acq: 10 Oct 2018 16:32

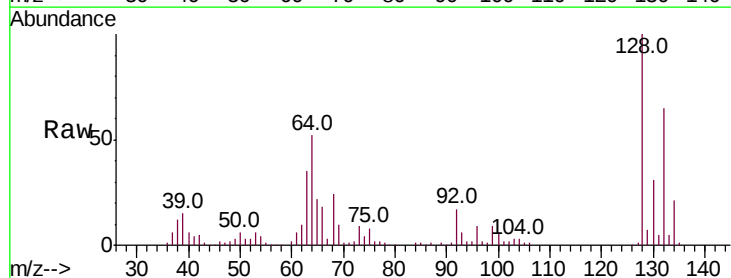
Tgt Ion:128 Resp: 223615

Ion Ratio Lower Upper

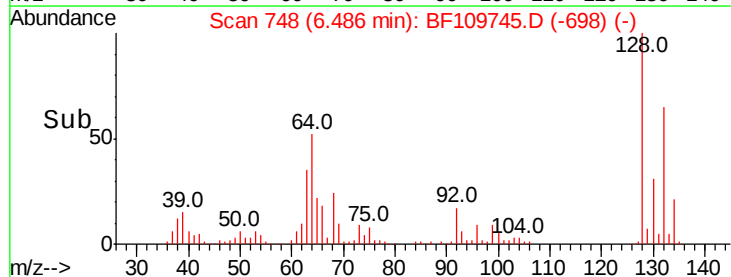
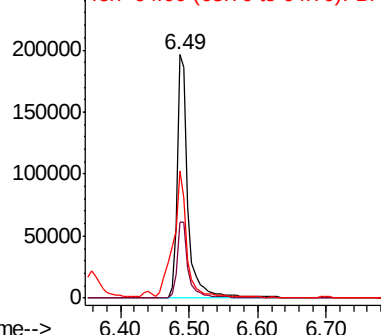
128 100

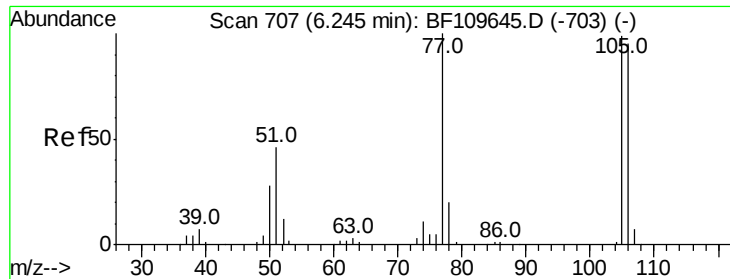
130 31.2 13.1 53.1

64 52.4 26.0 66.0



Abundance Ion 128.00 (127.70 to 128.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 64.00 (63.70 to 64.70): BF1





#9

Benzaldehyde

Concen: 27.814 ng

RT: 6.25 min Scan# 707

Delta R.T. -0.00 min

Lab File: BF109745.D

Acq: 10 Oct 2018 16:32

Instrument :

BNA_F

ClientSampleId :

SB-TW-3-(16.5-17)MSD

Tot Ion: 77 Resp: 105688

Ion Ratio Lower Upper

77 100

105 96.7 78.6 118.6

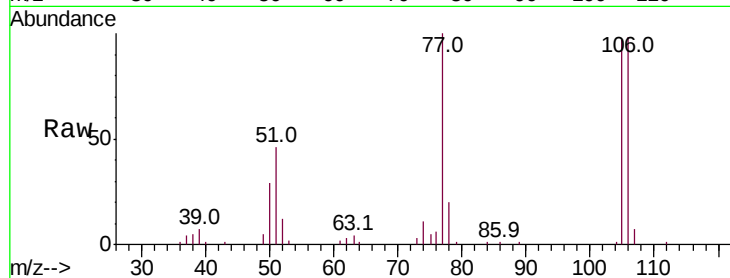
106 97.9 74.8 114.8

Manual Integrations

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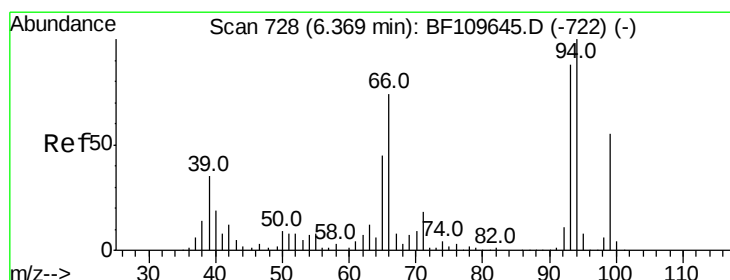
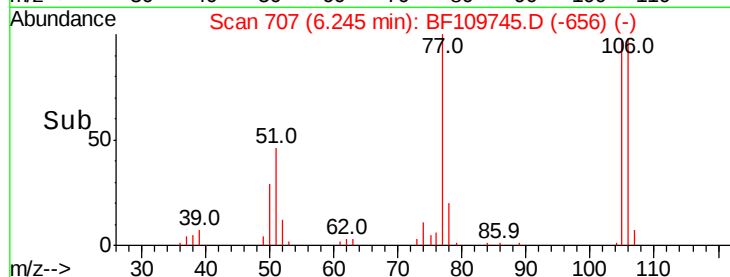
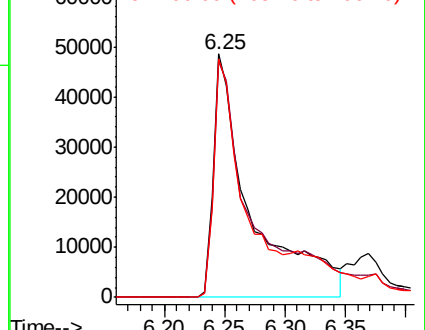
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Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 106.00 (105.70 to 106.70): BF1



#10

Phenol

Concen: 40.127 ng

RT: 6.37 min Scan# 728

Delta R.T. -0.00 min

Lab File: BF109745.D

Acq: 10 Oct 2018 16:32

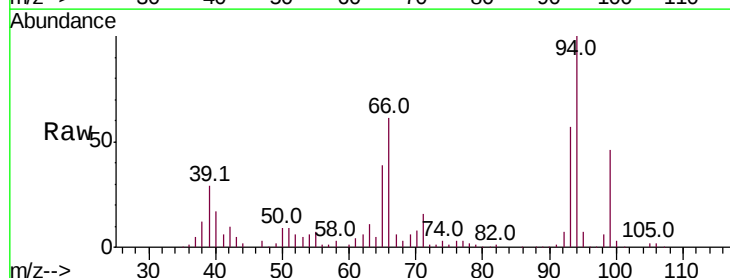
Tgt Ion: 94 Resp: 271700

Ion Ratio Lower Upper

94 100

65 39.1 25.3 65.3

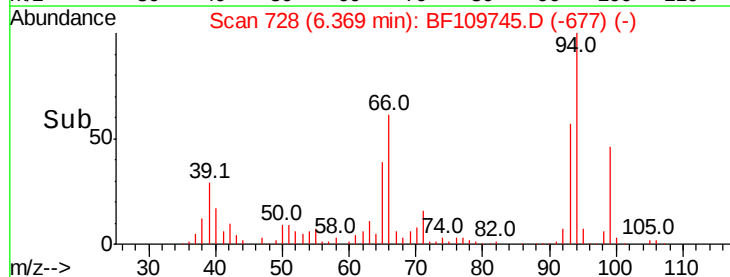
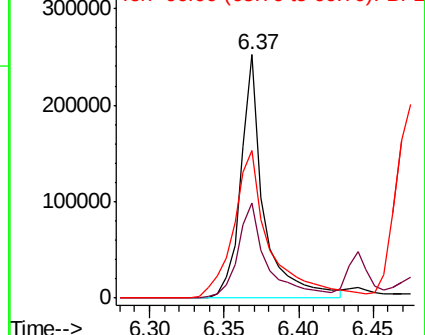
66 60.7 54.5 94.5

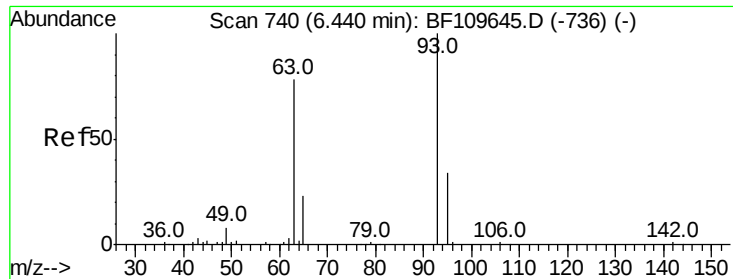


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1





#11

bis(2-Chloroethyl)ether

Concen: 33.097 ng

RT: 6.44 min Scan# 740

Delta R.T. -0.00 min

Lab File: BF109745.D

Acq: 10 Oct 2018 16:32

Instrument :

BNA_F

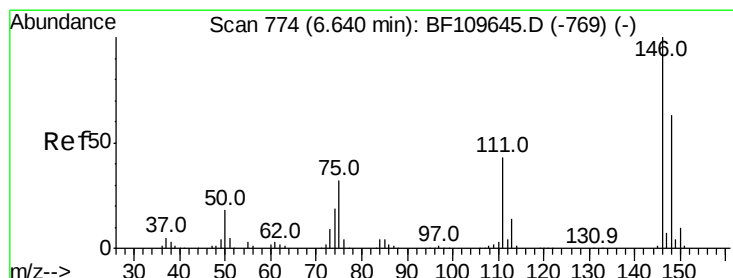
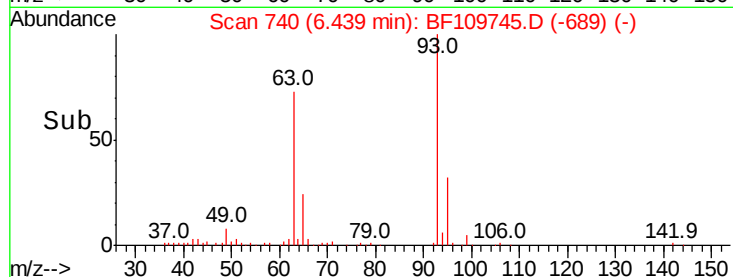
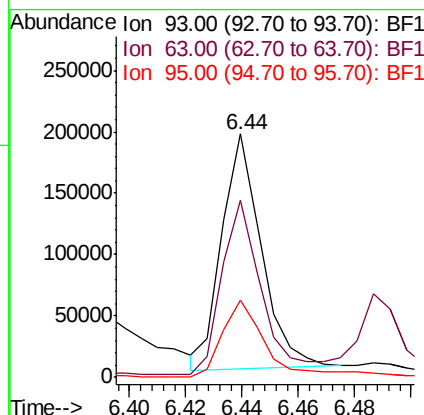
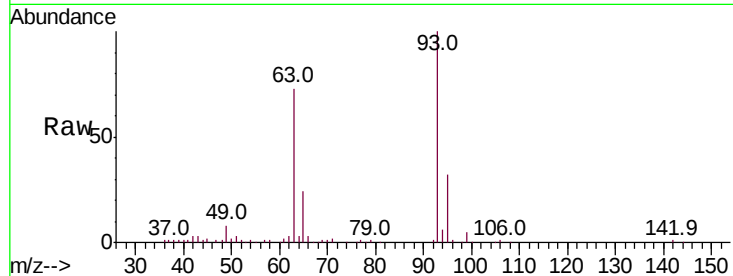
ClientSampleId :

SB-TW-3-(16.5-17)MSD

Tot Ion:	93	Resp:	185790
Ion Ratio	Lower	Upper	
93	100		
63	72.7	53.4	93.4
95	31.6	12.1	52.1

Manual Integrations
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#12

1,3-Dichlorobenzene

Concen: 36.426 ng

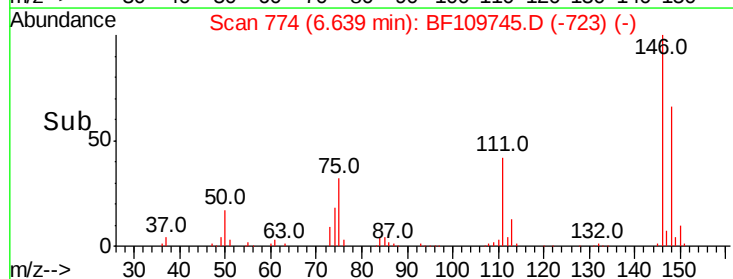
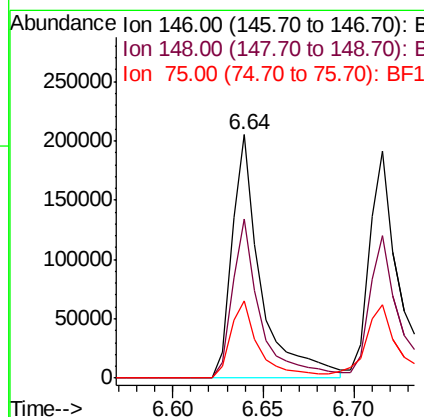
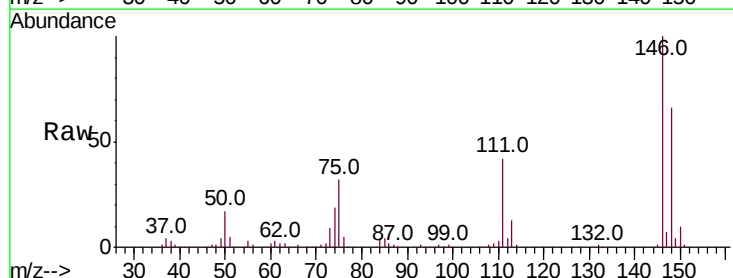
RT: 6.64 min Scan# 774

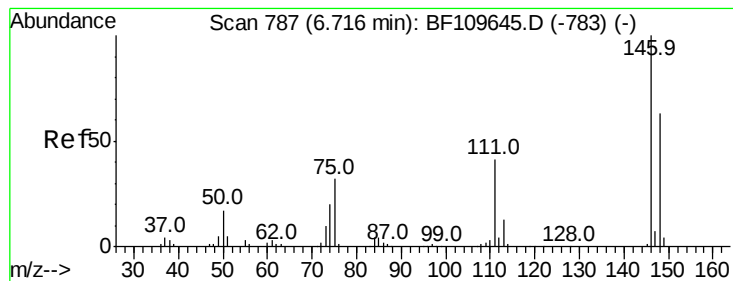
Delta R.T. -0.00 min

Lab File: BF109745.D

Acq: 10 Oct 2018 16:32

Tgt Ion:	146	Resp:	226487
Ion Ratio	Lower	Upper	
146	100		
148	65.5	50.4	75.6
75	32.0	25.8	38.6





#13

1,4-Dichlorobenzene

Concen: 37.432 ng

RT: 6.72 min Scan# 787

Delta R.T. -0.00 min

Lab File: BF109745.D

Acq: 10 Oct 2018 16:32

Instrument :

BNA_F

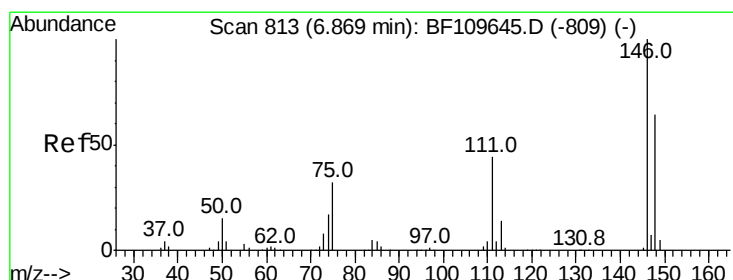
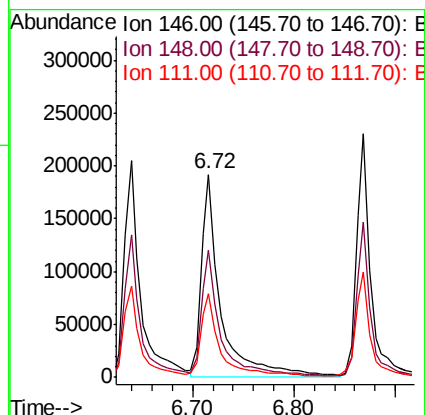
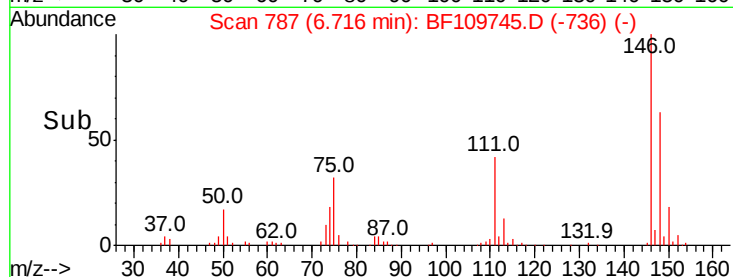
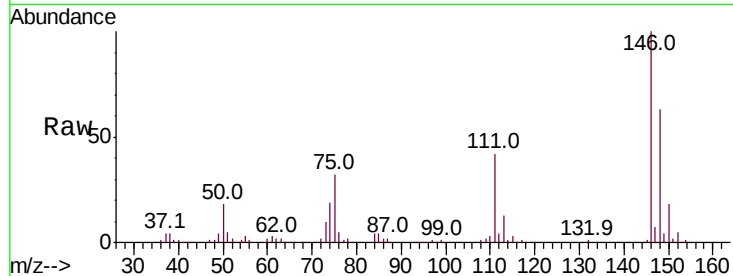
ClientSampleId :

SB-TW-3-(16.5-17)MSD

Tot Ion:	146	Resp:	253701
Ion Ratio	Lower	Upper	
146	100		
148	62.9	50.3	75.5
111	41.5	32.7	49.1

Manual Integrations
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#14

1,2-Dichlorobenzene

Concen: 39.458 ng

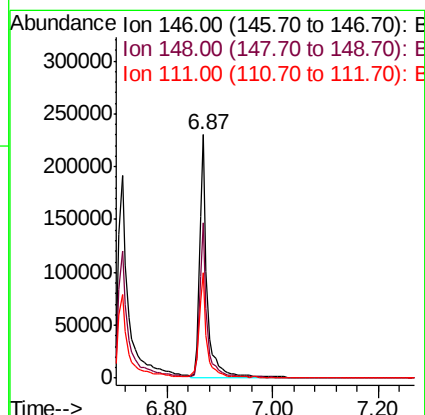
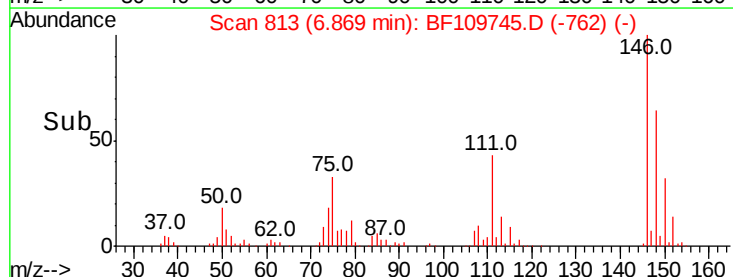
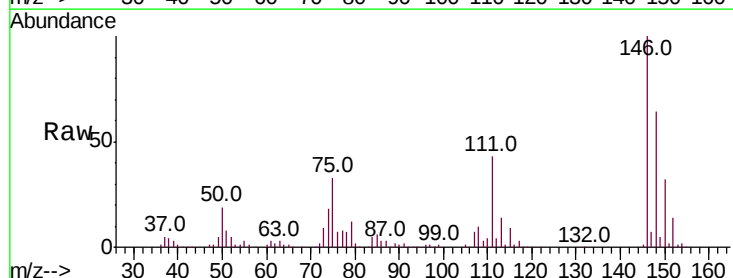
RT: 6.87 min Scan# 813

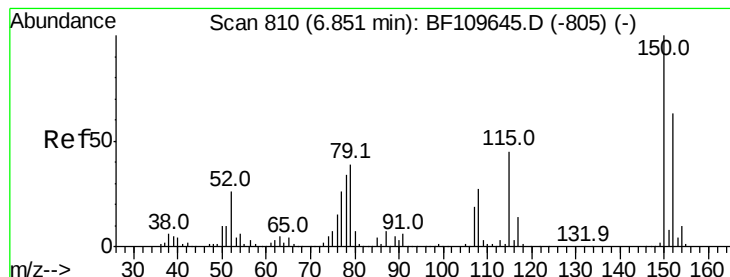
Delta R.T. -0.00 min

Lab File: BF109745.D

Acq: 10 Oct 2018 16:32

Tgt Ion:	146	Resp:	234864
Ion Ratio	Lower	Upper	
146	100		
148	63.6	51.1	76.7
111	43.4	35.8	53.6





#15

Benzyl Alcohol

Concen: 40.909 ng

RT: 6.85 min Scan# 810

Delta R.T. -0.00 min

Lab File: BF109745.D

Acq: 10 Oct 2018 16:32

Instrument :

BNA_F

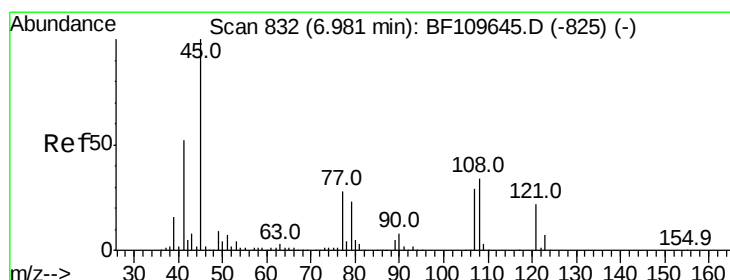
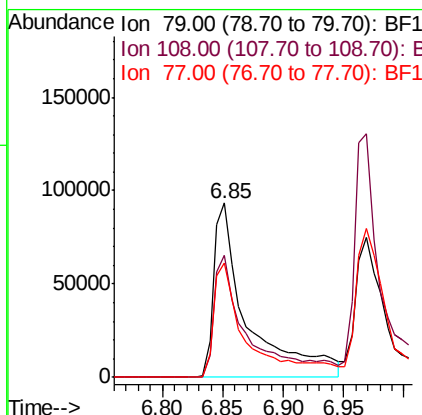
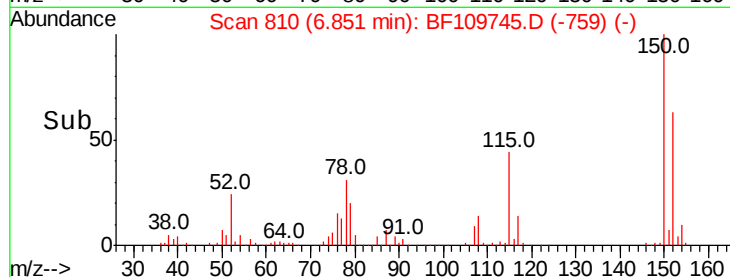
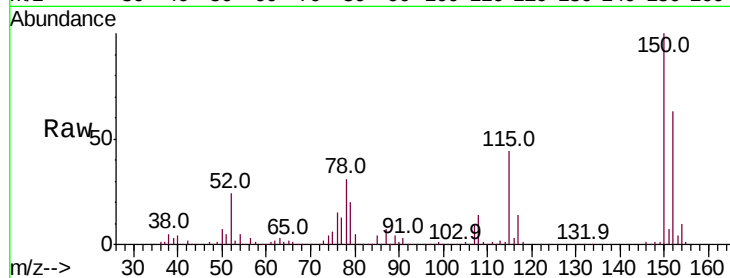
ClientSampleId :

SB-TW-3-(16.5-17)MSD

Tot Ion:	79	Resp:	179084
Ion Ratio	Lower	Upper	
79	100		
108	69.7	56.3	84.5
77	65.7	52.9	79.3

Manual Integrations
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#16

2,2'-oxybis(1-Chloropropane)

Concen: 38.524 ng

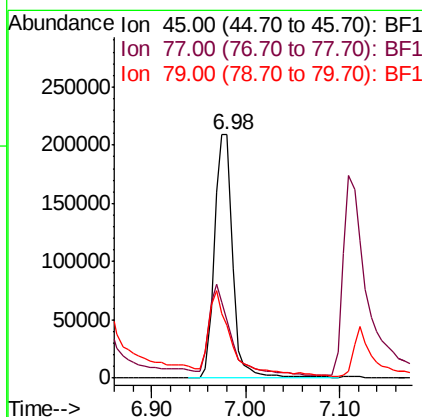
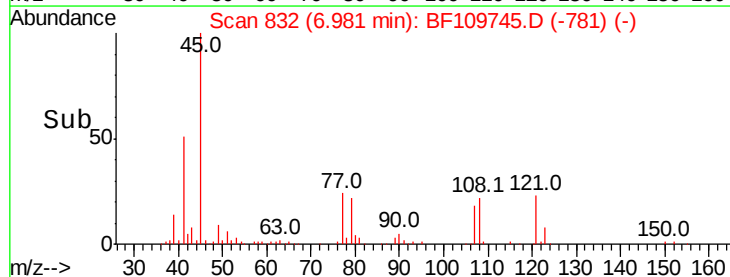
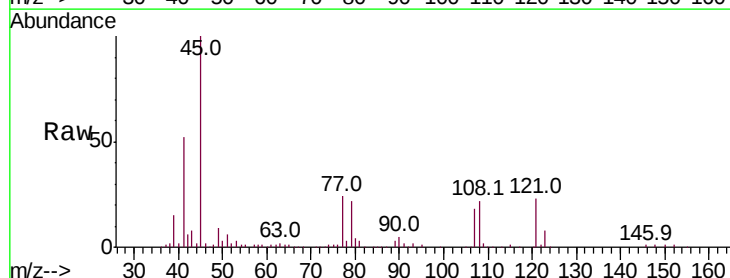
RT: 6.98 min Scan# 832

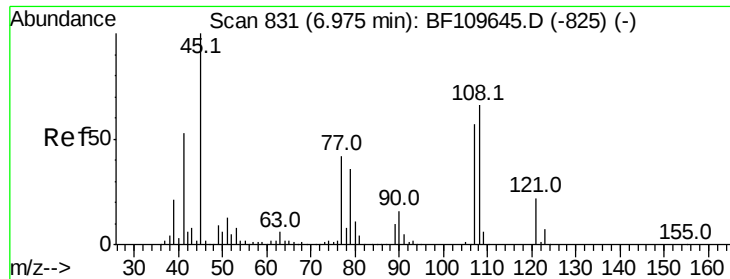
Delta R.T. -0.00 min

Lab File: BF109745.D

Acq: 10 Oct 2018 16:32

Tgt Ion:	45	Resp:	286746
Ion Ratio	Lower	Upper	
45	100		
77	24.0	10.0	50.0
79	21.6	6.1	46.1





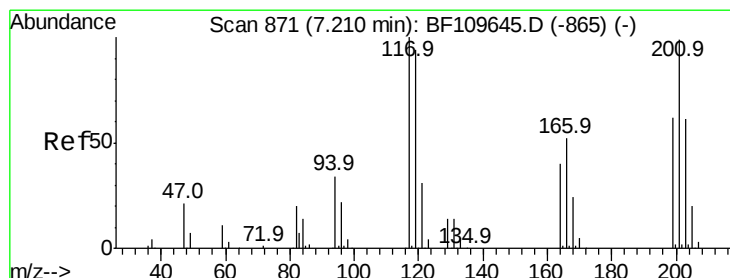
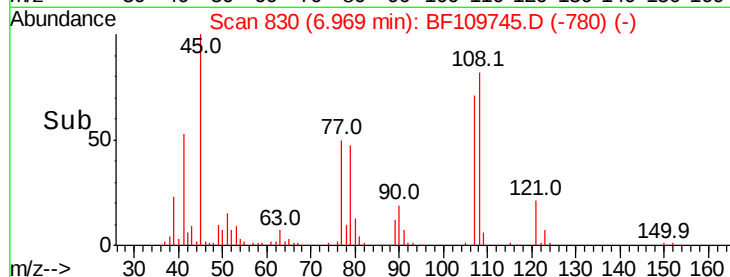
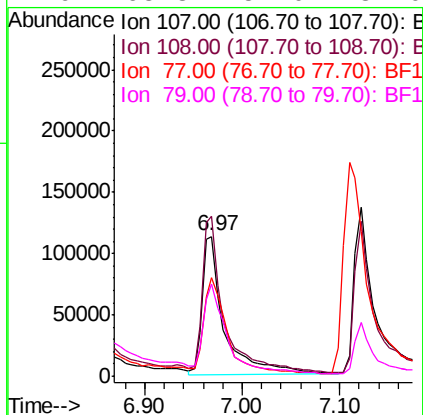
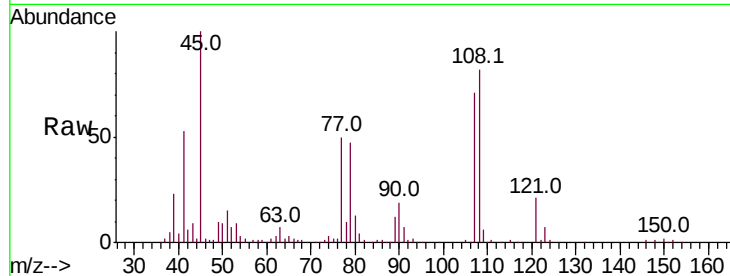
#17
2-Methylphenol
Concen: 41.384 ng
RT: 6.97 min Scan# 830
Delta R.T. -0.01 min
Lab File: BF109745.D
Acq: 10 Oct 2018 16:32

Instrument :
BNA_F
ClientSampleId :
SB-TW-3-(16.5-17)MSD

Tot Ion:	107	Resp:	177907
Ion Ratio	Lower	Upper	
107	100		
108	114.4	92.6	138.8
77	70.3	59.4	89.2
79	65.8	54.0	81.0

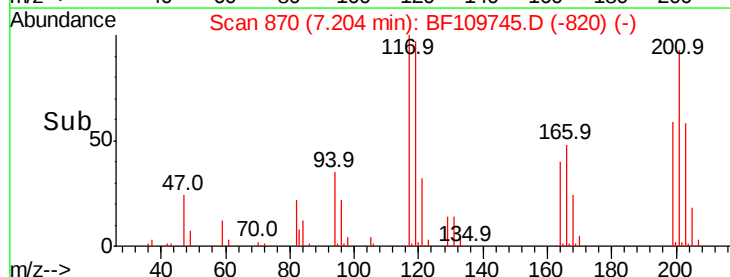
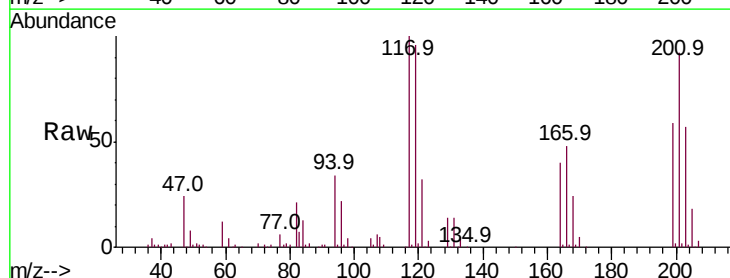
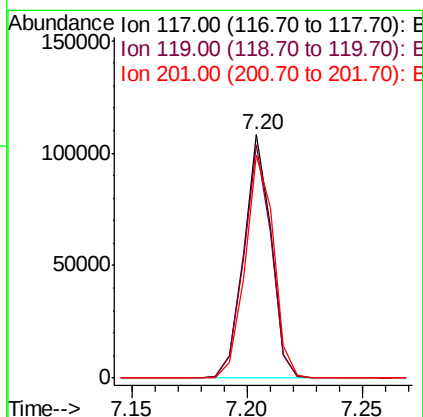
Manual Integrations
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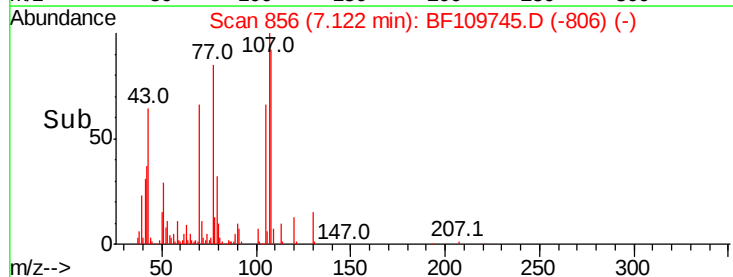
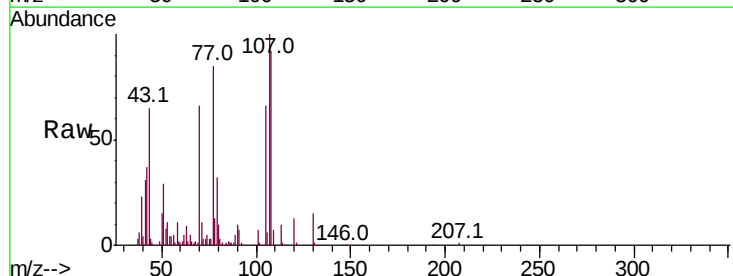
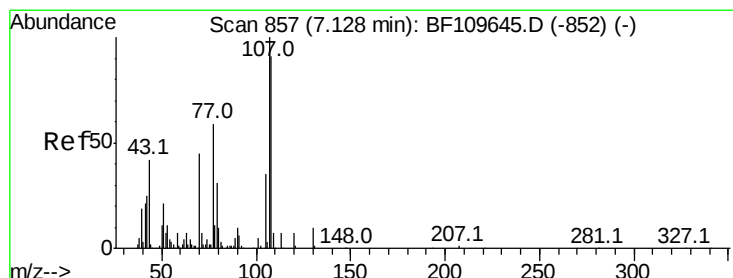
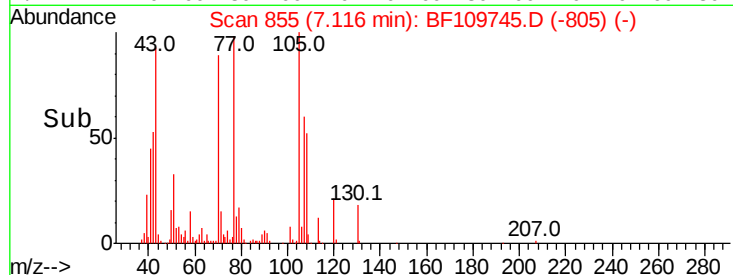
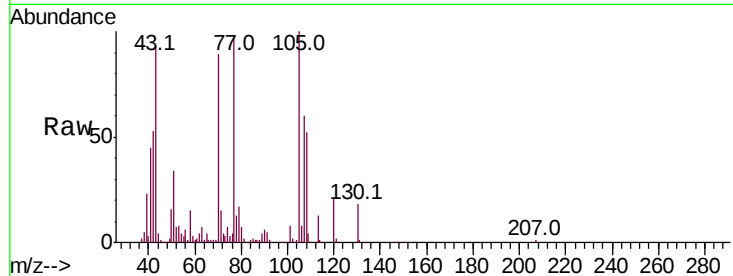
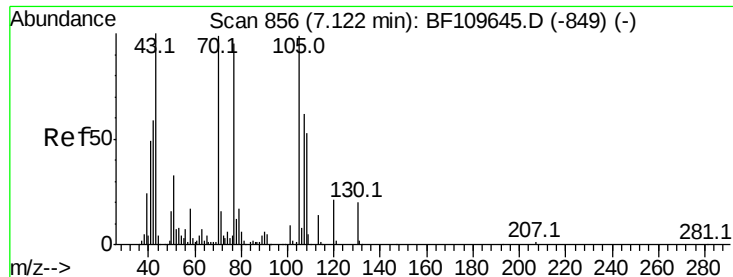
Sohil
10/11/2018 2:02:37 PM



#18
Hexachloroethane
Concen: 37.220 ng
RT: 7.20 min Scan# 870
Delta R.T. -0.01 min
Lab File: BF109745.D
Acq: 10 Oct 2018 16:32

Tgt Ion:	117	Resp:	89168
Ion Ratio	Lower	Upper	
117	100		
119	95.7	75.0	112.6
201	91.8	79.2	118.8





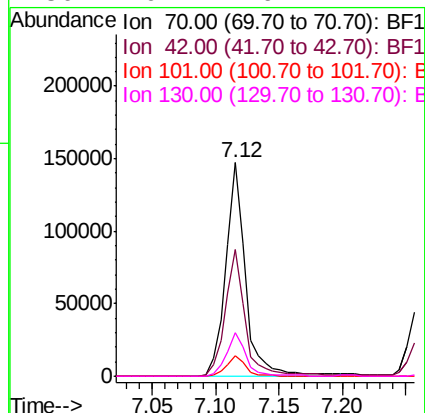
#19
n-Nitroso-di-n-propylamine
Concen: 38.886 ng
RT: 7.12 min Scan# 855
Delta R.T. -0.01 min
Lab File: BF109745.D
Acq: 10 Oct 2018 16:32

Instrument :
BNA_F
ClientSampleId :
SB-TW-3-(16.5-17)MSD

Tot Ion	Ratio	Lower	Upper
70	100		
42	59.6	47.4	71.2
101	9.3	7.3	10.9
130	20.1	16.2	24.2

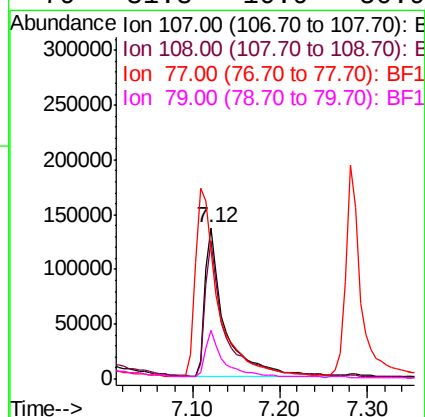
Manual Integrations
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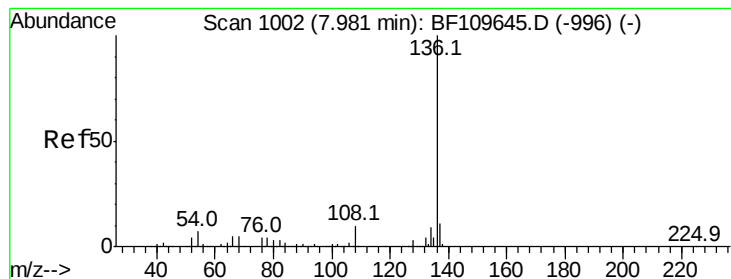
Sohil
10/11/2018 2:02:37 PM



#20
3+4-Methylphenols
Concen: 40.635 ng
RT: 7.12 min Scan# 856
Delta R.T. -0.01 min
Lab File: BF109745.D
Acq: 10 Oct 2018 16:32

Tgt Ion	Ratio	Lower	Upper
107	100		
108	91.5	71.4	111.4
77	85.1	47.3	87.3
79	31.8	10.9	50.9





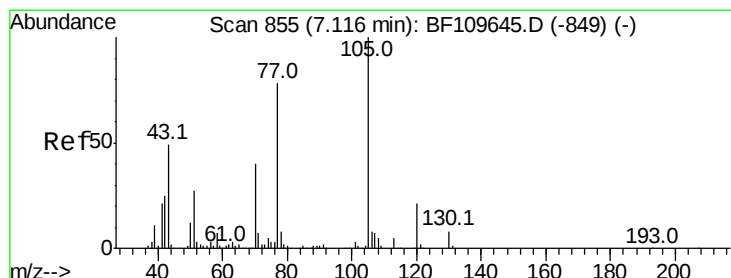
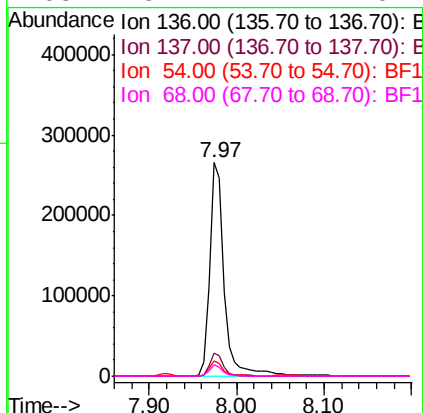
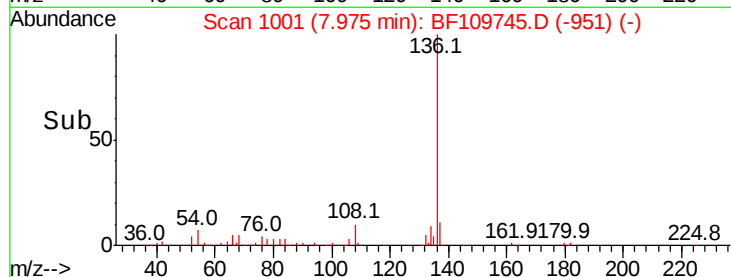
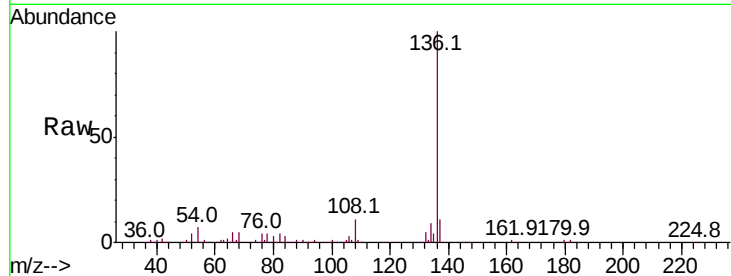
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.97 min Scan# 1001
Delta R.T. -0.01 min
Lab File: BF109745.D
Acq: 10 Oct 2018 16:32

Instrument :
BNA_F
ClientSampleId :
SB-TW-3-(16.5-17)MSD

Tot Ion	Ratio	Resp	Lower	Upper
136	100			
137	10.9	8.8	13.2	
54	7.1	5.4	8.2	
68	5.4	4.2	6.2	

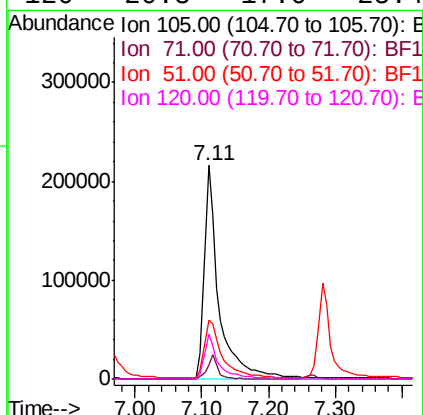
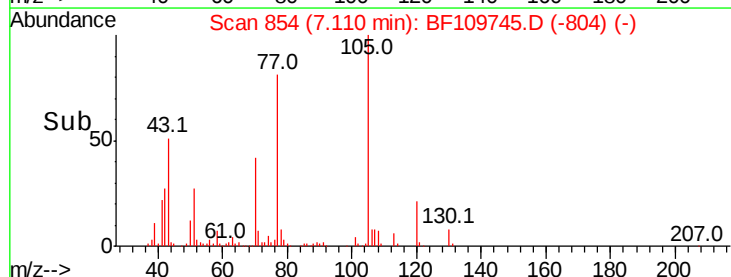
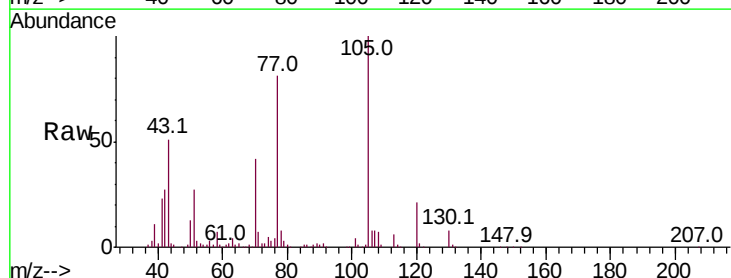
Manual Integrations
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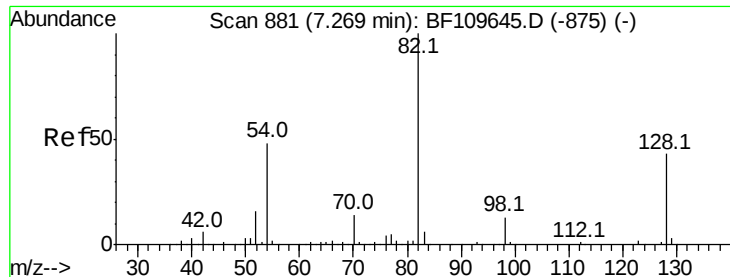
Sohil
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#22
Acetophenone
Concen: 44.343 ng
RT: 7.11 min Scan# 854
Delta R.T. -0.01 min
Lab File: BF109745.D
Acq: 10 Oct 2018 16:32

Tgt Ion	Ratio	Resp	Lower	Upper
105	100			
71	6.9	5.2	7.8	
51	27.4	21.8	32.8	
120	20.8	17.0	25.4	





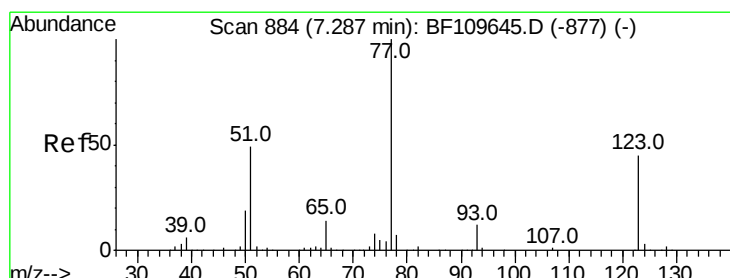
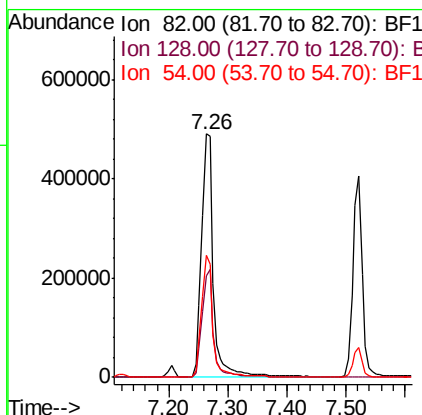
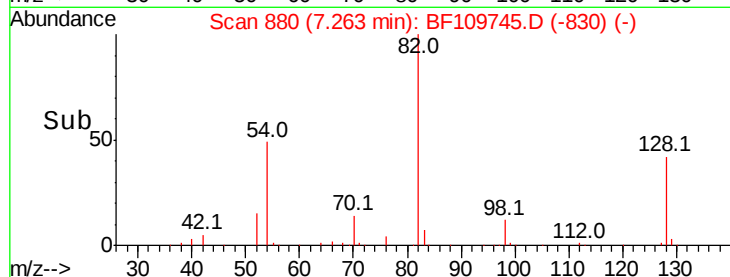
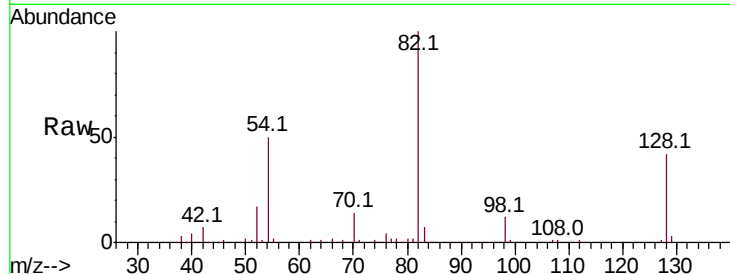
#23
Nitrobenzene-d5
Concen: 123.574 ng
RT: 7.26 min Scan# 880
Delta R.T. -0.01 min
Lab File: BF109745.D
Acq: 10 Oct 2018 16:32

Instrument :
BNA_F
ClientSampleId :
SB-TW-3-(16.5-17)MSD

Tot Ion	Ratio	Resp	Lower	Upper
82	100			
128	41.6	34.2	51.2	
54	49.9	38.6	58.0	

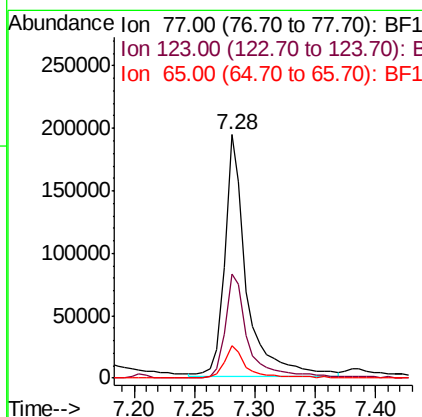
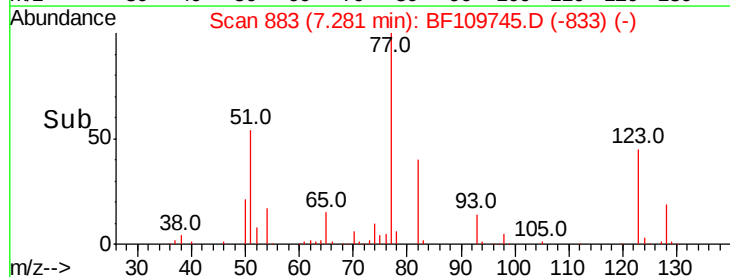
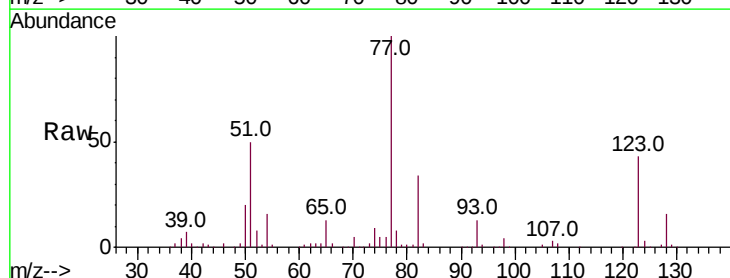
Manual Integrations
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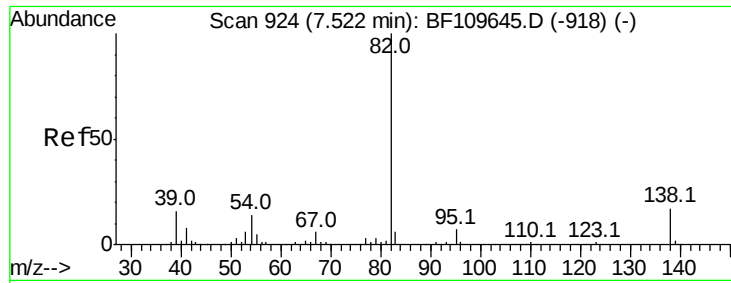
Sohil
10/11/2018 2:02:37 PM



#24
Nitrobenzene
Concen: 41.457 ng
RT: 7.28 min Scan# 883
Delta R.T. -0.01 min
Lab File: BF109745.D
Acq: 10 Oct 2018 16:32

Tgt Ion	Ratio	Resp	Lower	Upper
77	100			
123	42.6	35.7	53.5	
65	13.4	10.7	16.1	





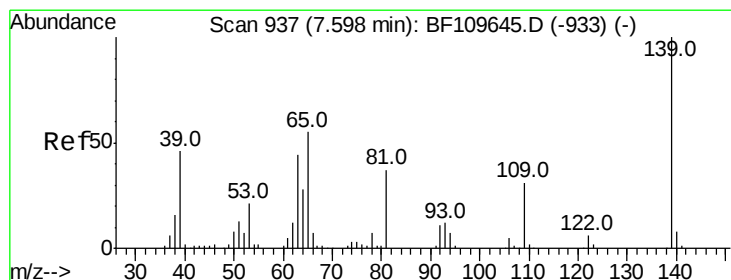
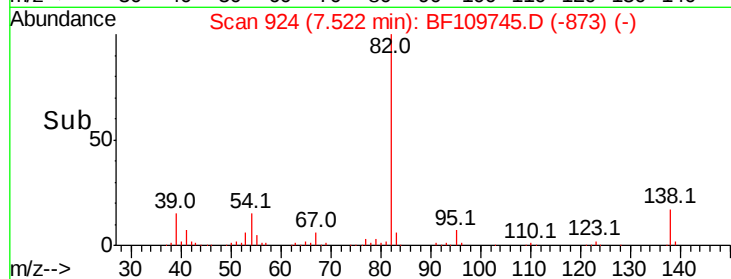
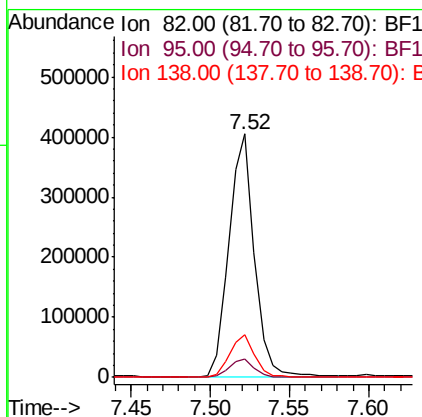
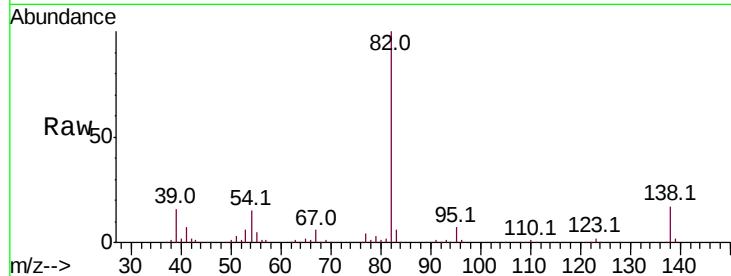
#25
Isophorone
Concen: 48.054 ng
RT: 7.52 min Scan# 924
Delta R.T. -0.00 min
Lab File: BF109745.D
Acq: 10 Oct 2018 16:32

Instrument :
BNA_F
ClientSampleId :
SB-TW-3-(16.5-17)MSD

Tot Ion	Ratio	Resp	Lower	Upper
82	100			
95	7.3	5.7	8.5	
138	17.4	13.2	19.8	

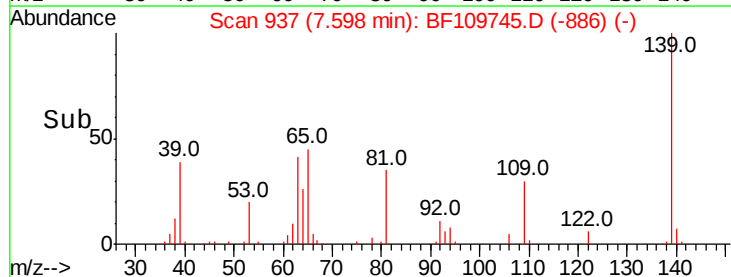
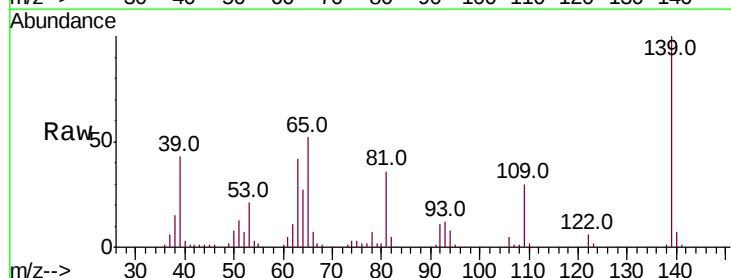
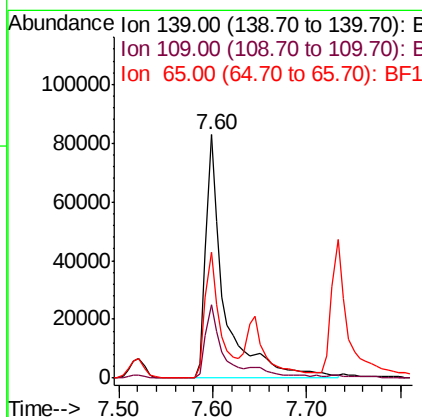
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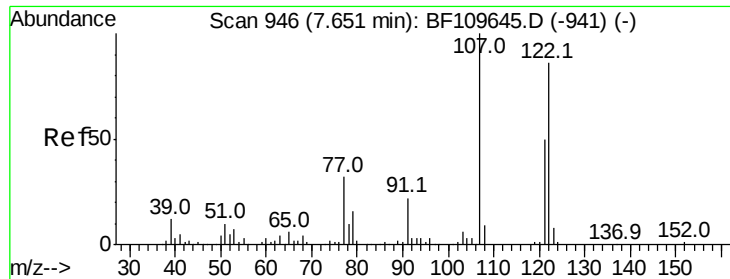
Sohil
10/11/2018 2:02:37 PM



#26
2-Nitrophenol
Concen: 42.328 ng
RT: 7.60 min Scan# 937
Delta R.T. -0.00 min
Lab File: BF109745.D
Acq: 10 Oct 2018 16:32

Tgt Ion	Ratio	Resp	Lower	Upper
139	100			
109	30.3	25.0	37.6	
65	51.8	44.0	66.0	





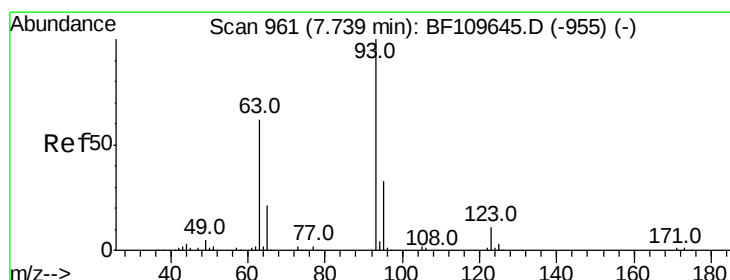
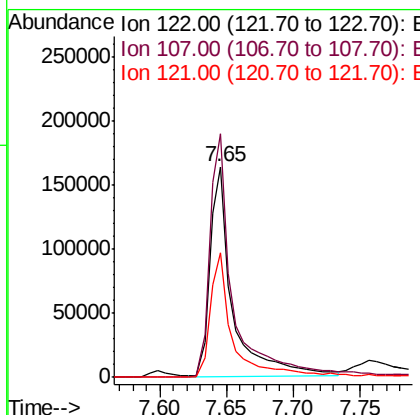
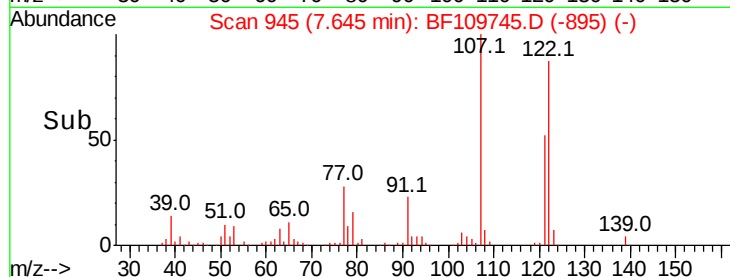
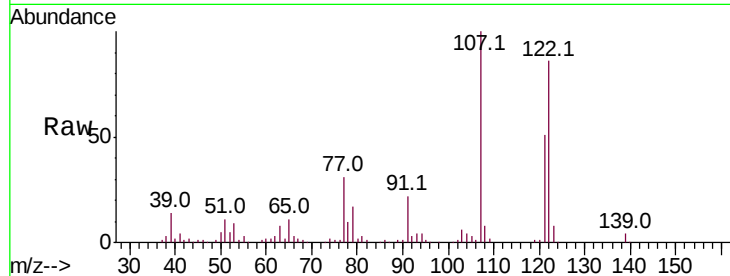
#27
2,4-Dimethylphenol
Concen: 49.662 ng
RT: 7.65 min Scan# 945
Delta R.T. -0.01 min
Lab File: BF109745.D
Acq: 10 Oct 2018 16:32

Instrument :
BNA_F
ClientSampleId :
SB-TW-3-(16.5-17)MSD

Tot Ion	Ratio	Resp	Lower	Upper
122	100	195944		
107	115.7	92.5	138.7	
121	59.4	45.8	68.8	

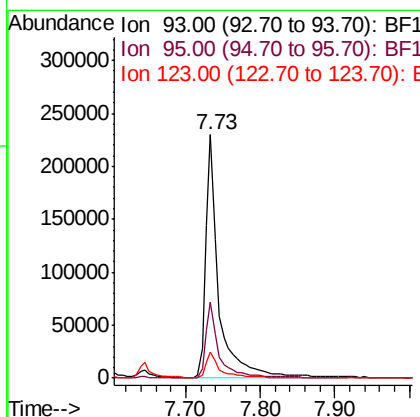
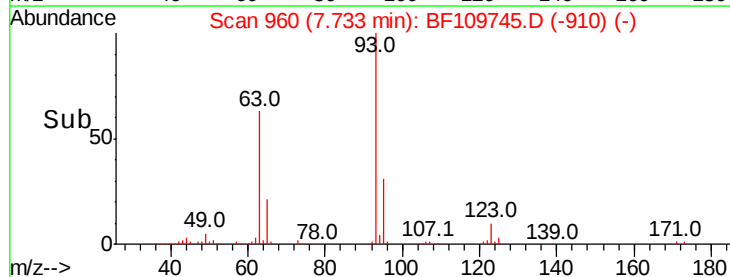
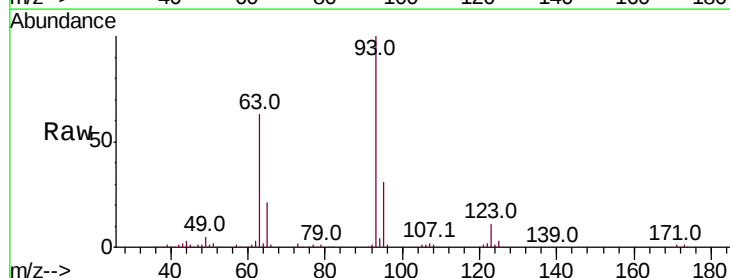
Manual Integrations
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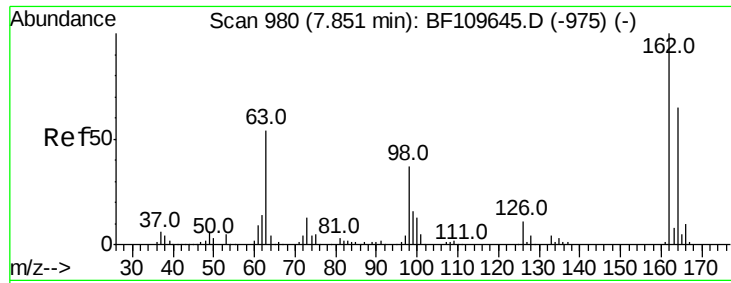
Sohil
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#28
bis(2-Chloroethoxy)methane
Concen: 44.121 ng
RT: 7.73 min Scan# 960
Delta R.T. -0.01 min
Lab File: BF109745.D
Acq: 10 Oct 2018 16:32

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	278201		
95	31.4	26.4	39.6	
123	10.8	9.0	13.6	





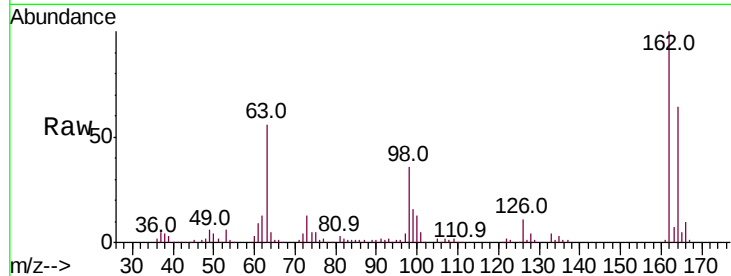
#29
 2,4-Dichlorophenol
 Concen: 44.882 ng
 RT: 7.85 min Scan# 979
 Delta R.T. -0.01 min
 Lab File: BF109745.D
 Acq: 10 Oct 2018 16:32

Instrument :
 BNA_F
 ClientSampleId :
 SB-TW-3-(16.5-17)MSD

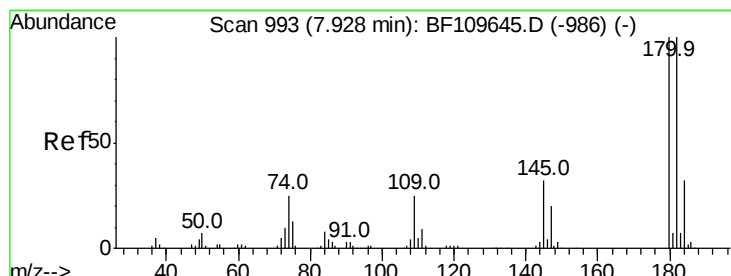
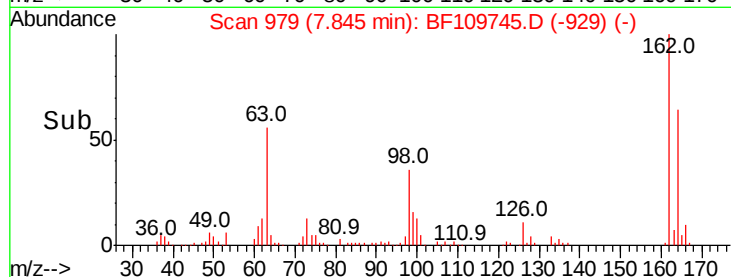
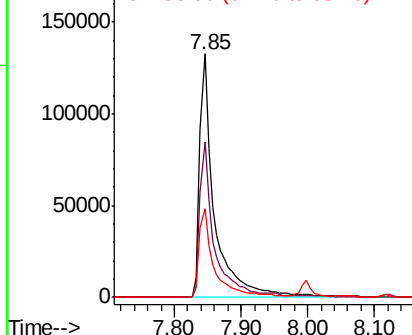
Tot Ion	Ratio	Resp	Lower	Upper
162	100	198629		
164	63.9	44.6	84.6	
98	36.3	17.4	57.4	

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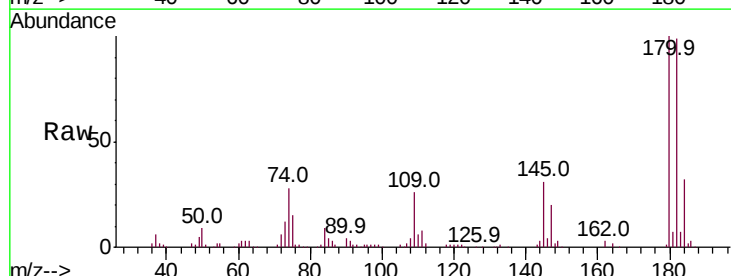


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF1

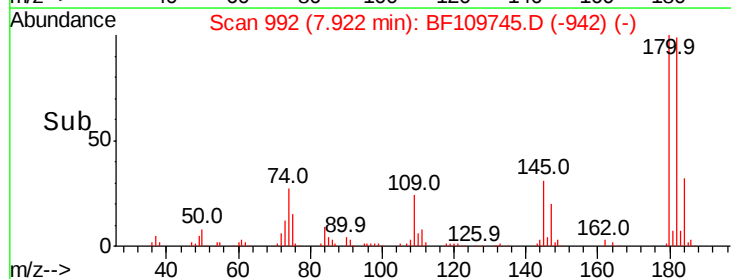
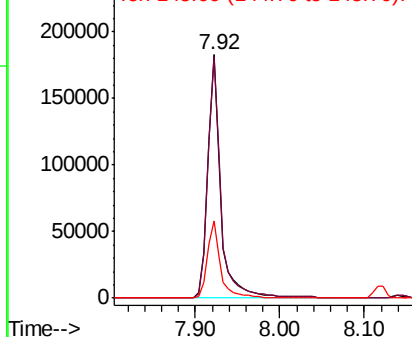


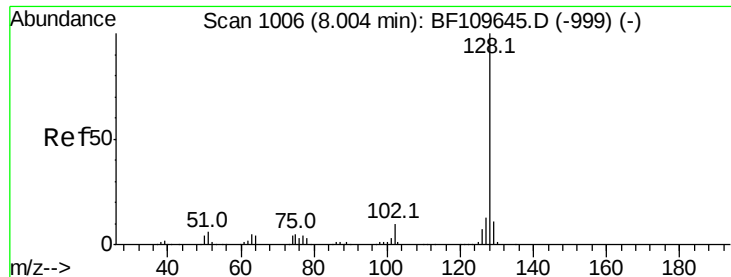
#30
 1,2,4-Trichlorobenzene
 Concen: 40.246 ng
 RT: 7.92 min Scan# 992
 Delta R.T. -0.01 min
 Lab File: BF109745.D
 Acq: 10 Oct 2018 16:32

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	197173		
182	99.3	80.3	120.5	
145	31.5	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





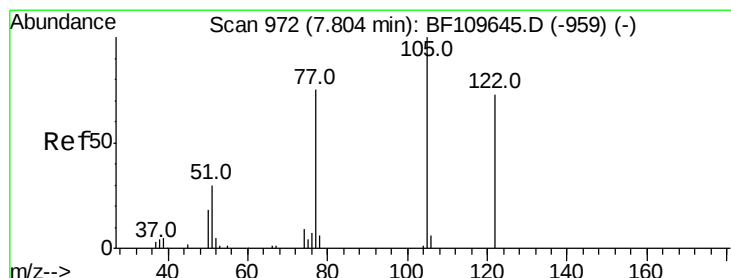
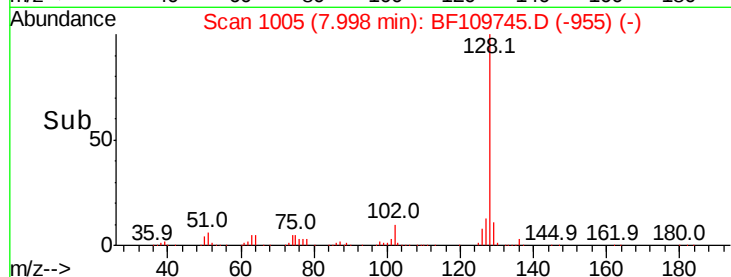
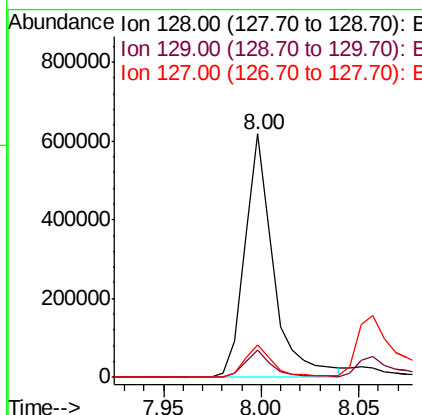
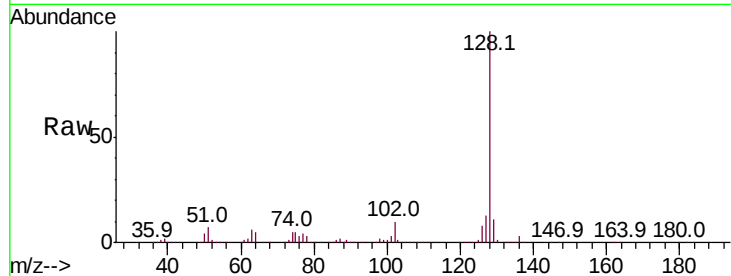
#31
Naphthalene
Concen: 43.682 ng
RT: 8.00 min Scan# 1005
Delta R.T. -0.01 min
Lab File: BF109745.D
Acq: 10 Oct 2018 16:32

Instrument :
BNA_F
ClientSampleId :
SB-TW-3-(16.5-17)MSD

Tot Ion	Ratio	Resp	Lower	Upper
128	100	625128		
129	11.2		8.8	13.2
127	13.4		10.8	16.2

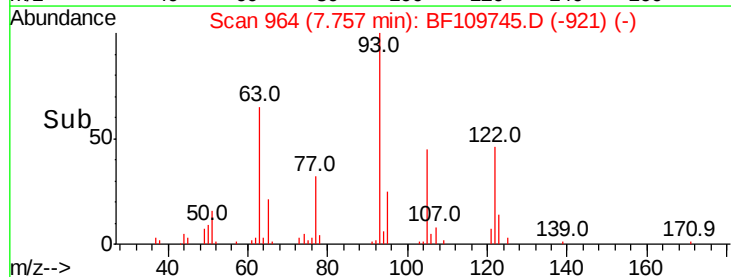
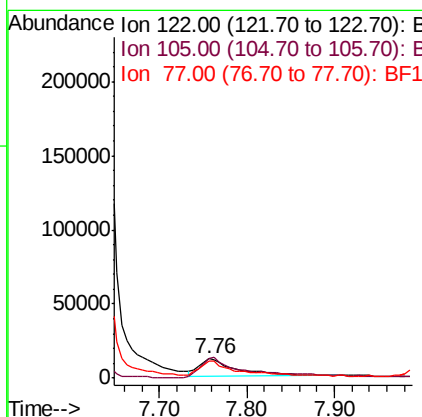
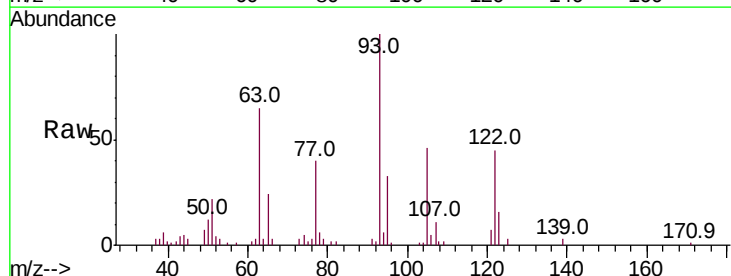
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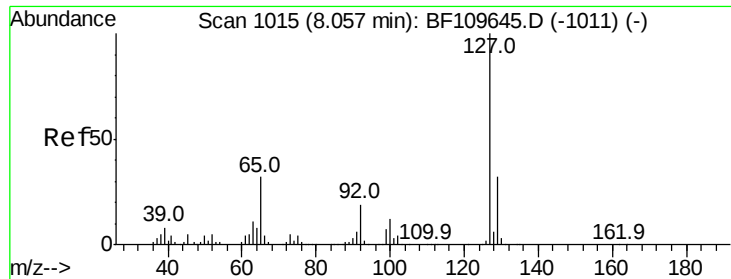
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#32
Benzoic acid
Concen: 13.331 ng
RT: 7.76 min Scan# 964
Delta R.T. -0.05 min
Lab File: BF109745.D
Acq: 10 Oct 2018 16:32

Tgt Ion	Ratio	Resp	Lower	Upper
122	100	37605		
105	102.4		109.0	149.0#
77	88.7		79.0	119.0





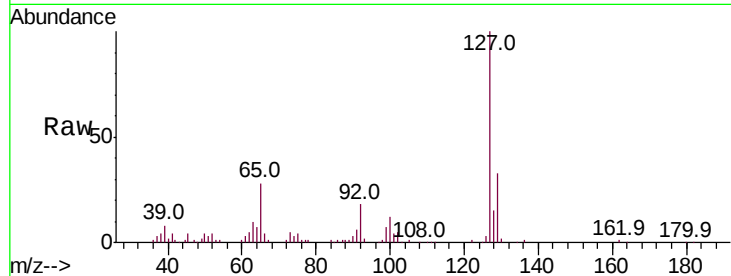
#33
4-Chloroaniline
Concen: 43.005 ng
RT: 8.06 min Scan# 1015
Delta R.T. -0.00 min
Lab File: BF109745.D
Acq: 10 Oct 2018 16:32

Instrument :
BNA_F
ClientSampleId :
SB-TW-3-(16.5-17)MSD

Tot Ion	Ratio	Resp	Lower	Upper
127	100			
129	32.7	26.0	39.0	
65	28.3	25.1	37.7	
92	18.3	15.0	22.6	

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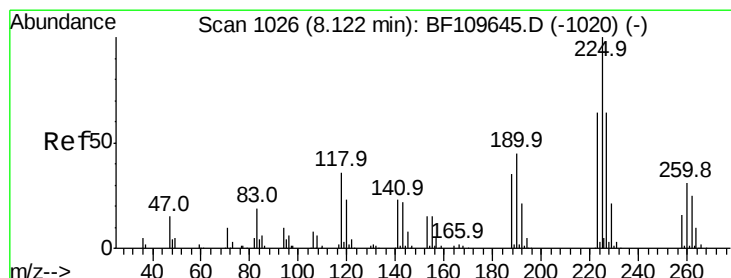
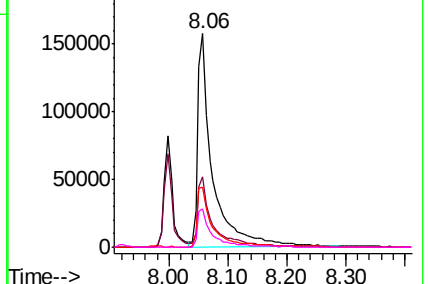
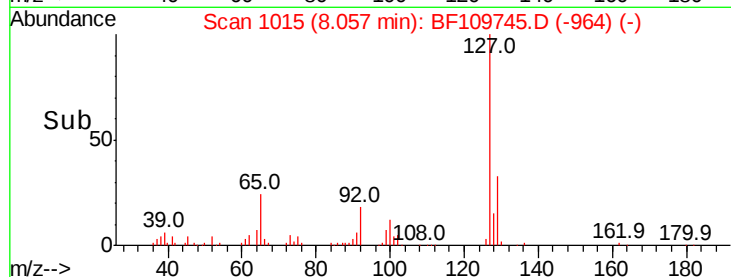
Abundance

Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

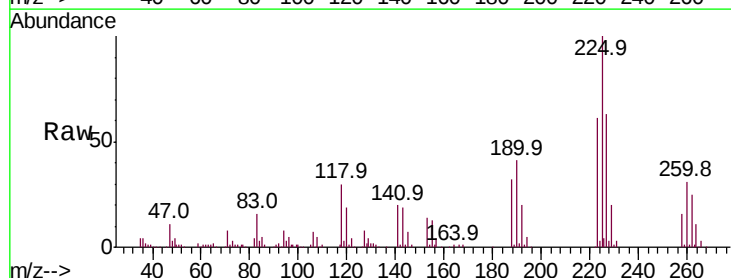
Ion 65.00 (64.70 to 65.70): BF1

Ion 92.00 (91.70 to 92.70): BF1



#34
Hexachlorobutadiene
Concen: 39.058 ng
RT: 8.12 min Scan# 1026
Delta R.T. -0.00 min
Lab File: BF109745.D
Acq: 10 Oct 2018 16:32

Tgt Ion	Ratio	Resp	Lower	Upper
225	100			
223	60.5	51.4	77.2	
227	63.4	51.0	76.6	

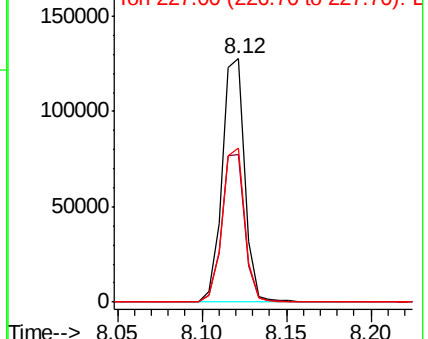
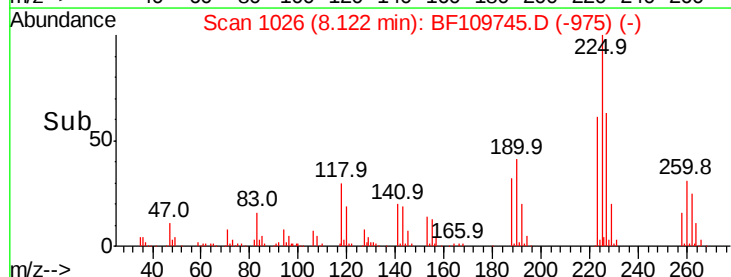


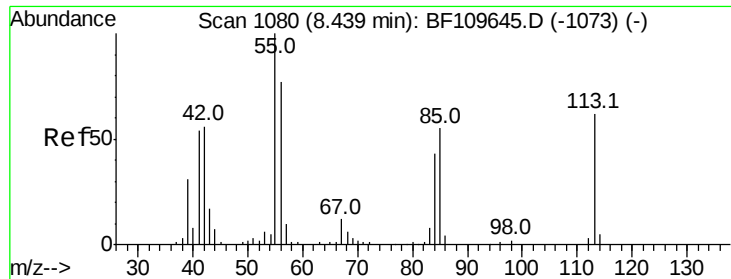
Abundance

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





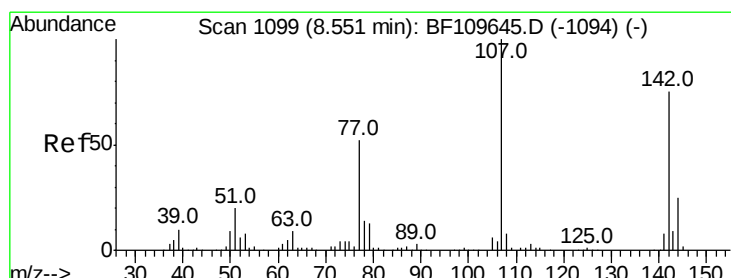
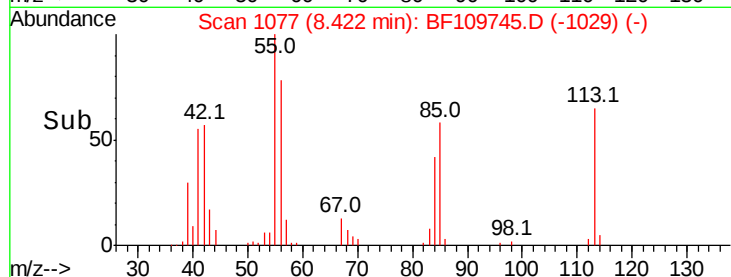
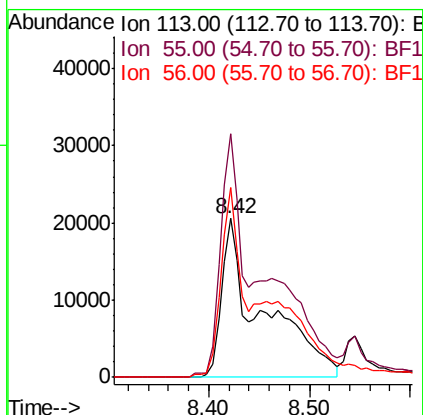
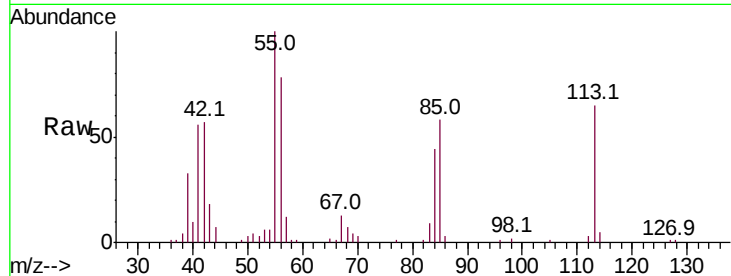
#35
 Caprolactam
 Concen: 43.352 ng/ml
 RT: 8.42 min Scan# 1077
 Delta R.T. -0.02 min
 Lab File: BF109745.D
 Acq: 10 Oct 2018 16:32

Instrument :
 BNA_F
 ClientSampleId :
 SB-TW-3-(16.5-17)MSD

Tot Ion: 113 Resp: 57298
 Ion Ratio Lower Upper
 113 100
 55 153.1 142.8 182.8
 56 119.3 105.0 145.0

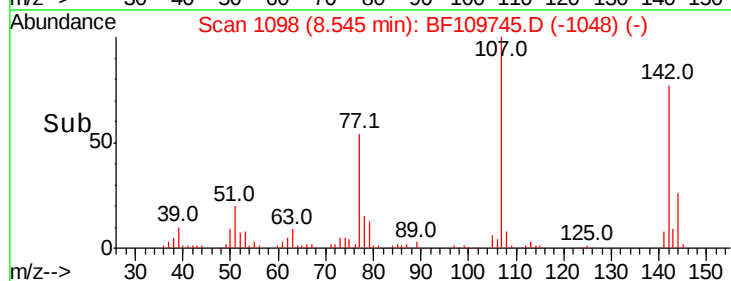
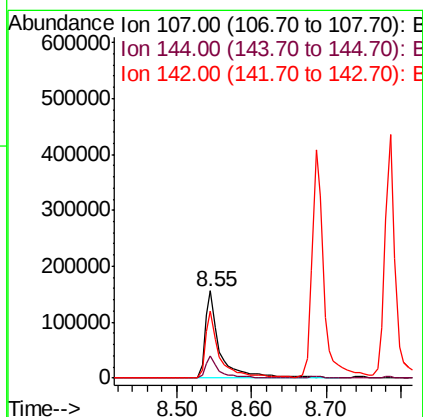
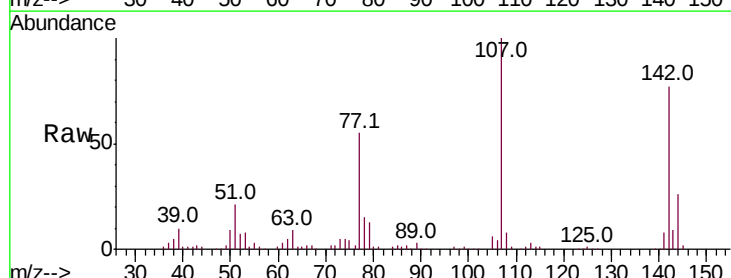
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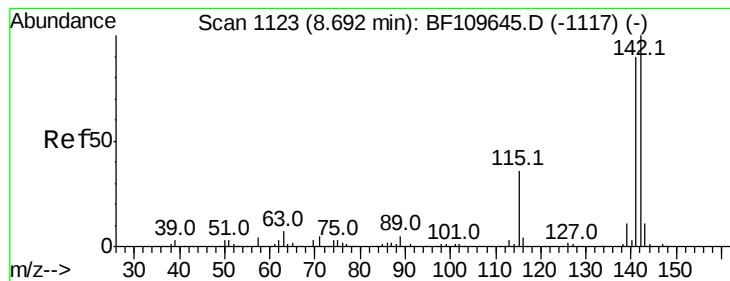
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#36
 4-Chloro-3-methylphenol
 Concen: 46.020 ng/ml
 RT: 8.55 min Scan# 1098
 Delta R.T. -0.01 min
 Lab File: BF109745.D
 Acq: 10 Oct 2018 16:32

Tgt Ion: 107 Resp: 214986
 Ion Ratio Lower Upper
 107 100
 144 25.5 20.0 30.0
 142 77.5 59.7 89.5





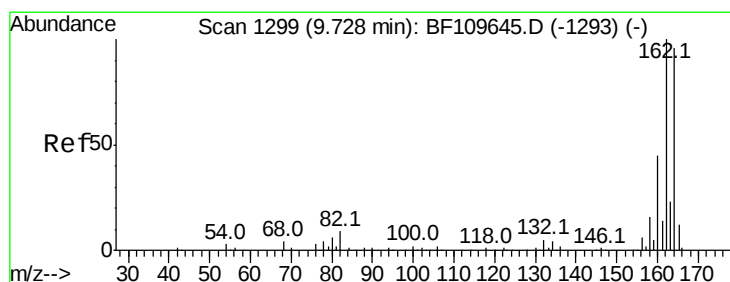
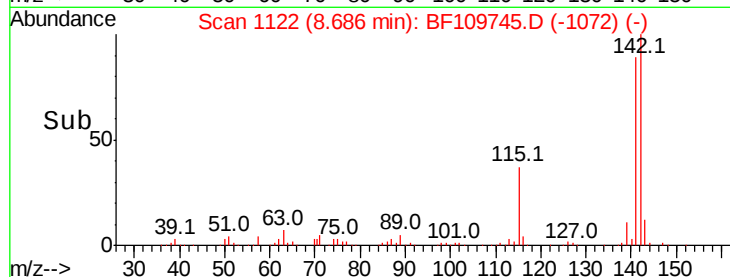
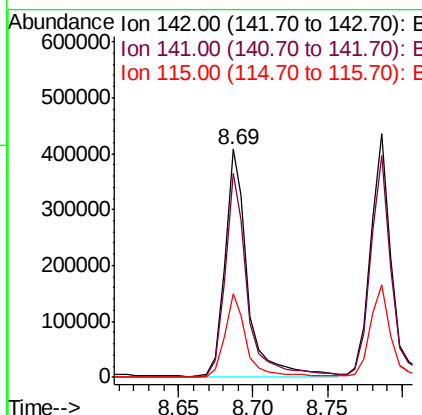
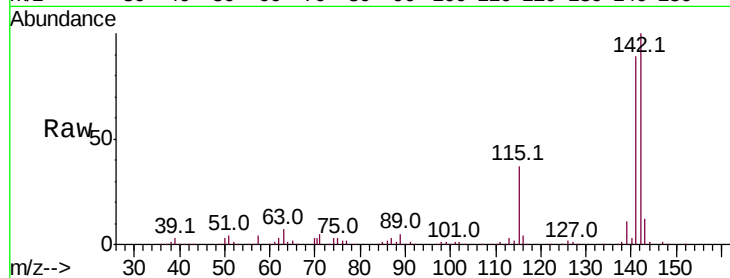
#37
2-Methylnaphthalene
Concen: 47.046 ng
RT: 8.69 min Scan# 1122
Delta R.T. -0.01 min
Lab File: BF109745.D
Acq: 10 Oct 2018 16:32

Instrument :
BNA_F
ClientSampleId :
SB-TW-3-(16.5-17)MSD

Tot Ion	Ratio	Lower	Upper
142	100		
141	89.3	71.4	107.2
115	36.9	28.7	43.1

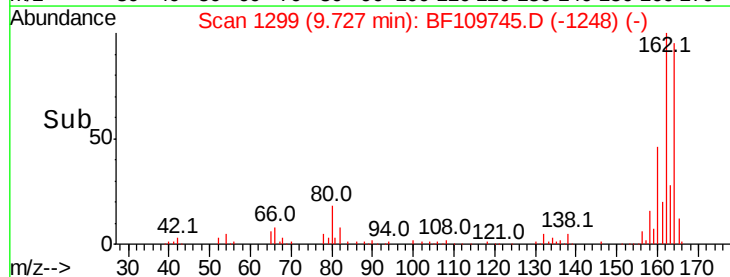
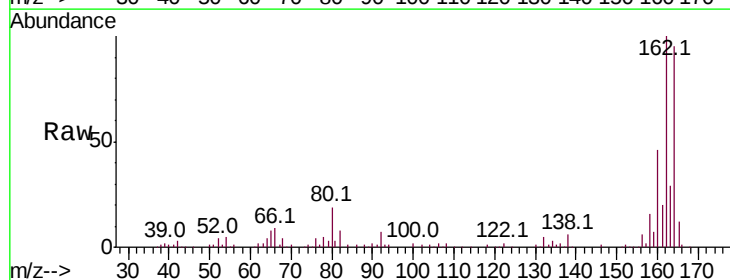
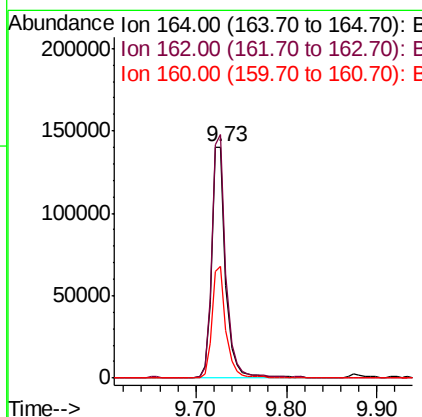
Manual Integrations
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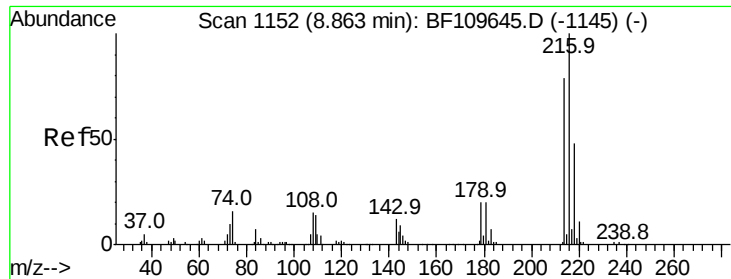
Sohil
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#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.73 min Scan# 1299
Delta R.T. -0.00 min
Lab File: BF109745.D
Acq: 10 Oct 2018 16:32

Tgt Ion	Ratio	Lower	Upper
164	100		
162	105.2	83.0	124.6
160	48.1	37.0	55.6





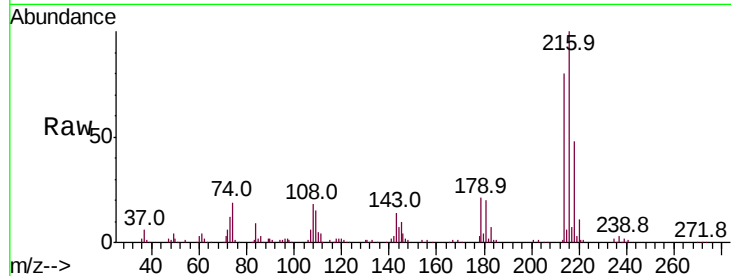
#39
1,2,4,5-Tetrachlorobenzene
Concen: 39.919 ng
RT: 8.86 min Scan# 1151
Delta R.T. -0.01 min
Lab File: BF109745.D
Acq: 10 Oct 2018 16:32

Instrument :
BNA_F
ClientSampleId :
SB-TW-3-(16.5-17)MSD

Tot Ion	Ratio	Resp	Lower	Upper
216	100	208764		
214	78.7		63.8	95.6
179	20.0		16.6	25.0
108	20.2		15.1	22.7

Manual Integrations
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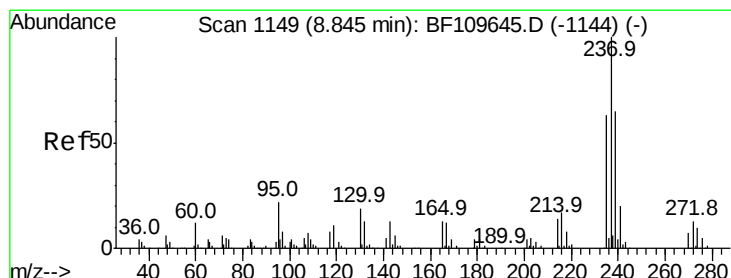
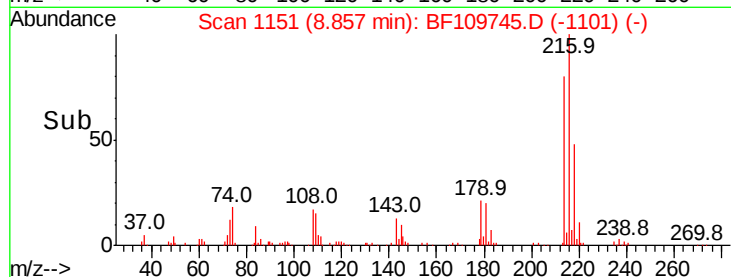
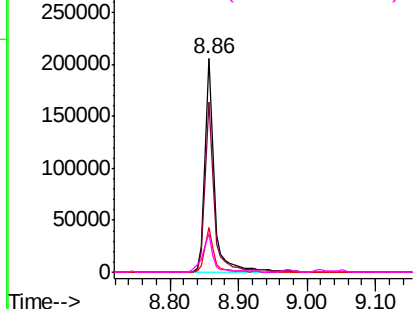
Abundance

Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

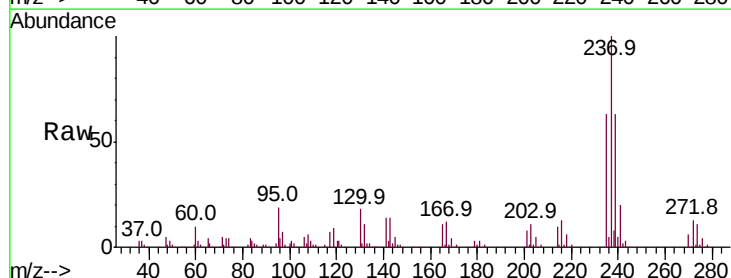
Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



#40
Hexachlorocyclopentadiene
Concen: 70.117 ng
RT: 8.85 min Scan# 1149
Delta R.T. 0.00 min
Lab File: BF109745.D
Acq: 10 Oct 2018 16:32

Tgt Ion	Ratio	Resp	Lower	Upper
237	100	158322		
235	63.4		43.1	83.1
272	12.7		0.0	32.6

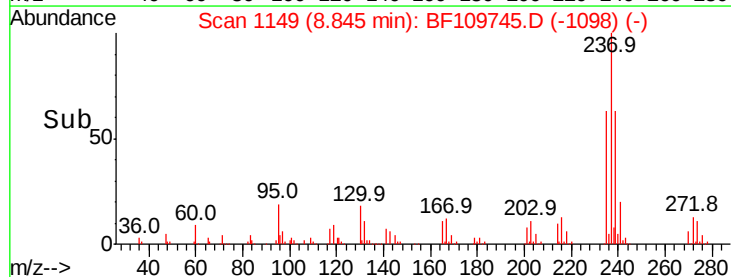
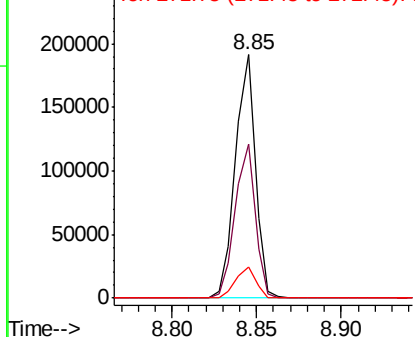


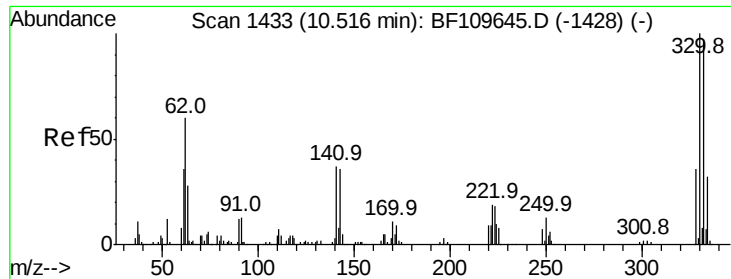
Abundance

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





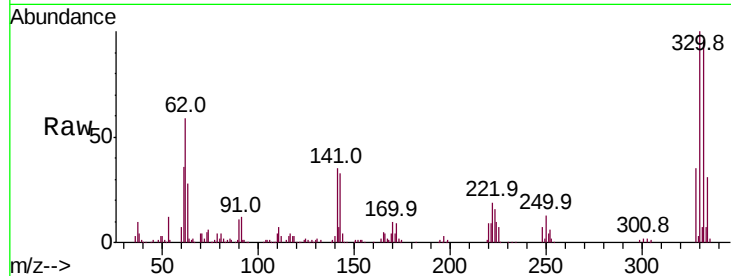
#41
 2,4,6-Tribromophenol
 Concen: 182.712 ng
 RT: 10.52 min Scan# 1433
 Delta R.T. -0.00 min
 Lab File: BF109745.D
 Acq: 10 Oct 2018 16:32

Instrument :
 BNA_F
 ClientSampleId :
 SB-TW-3-(16.5-17)MSD

Tot Ion	Ratio	Resp	Lower	Upper
330	100			
332	94.9	77.1	115.7	
141	34.5	27.0	40.4	

Manual Integrations
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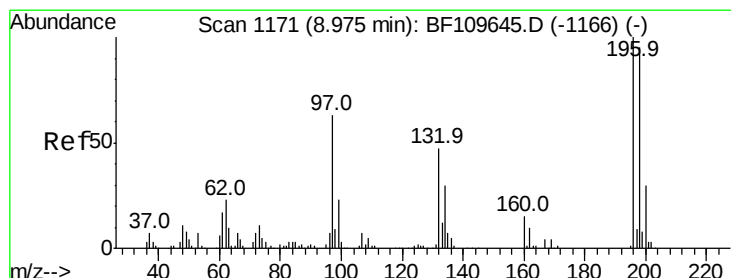
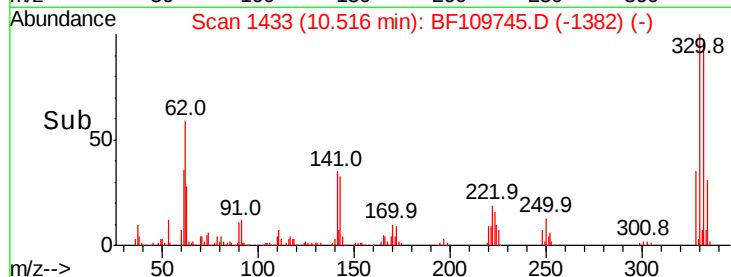
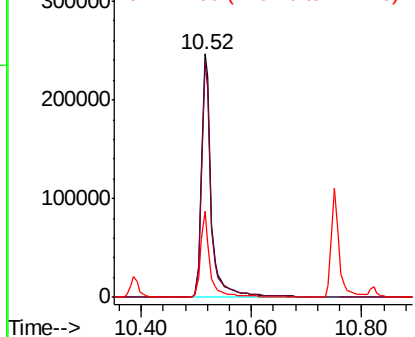


Abundance

Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#42
 2,4,6-Trichlorophenol
 Concen: 41.770 ng
 RT: 8.97 min Scan# 1171
 Delta R.T. -0.00 min
 Lab File: BF109745.D
 Acq: 10 Oct 2018 16:32

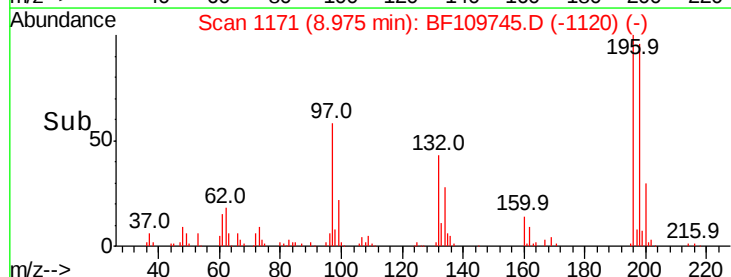
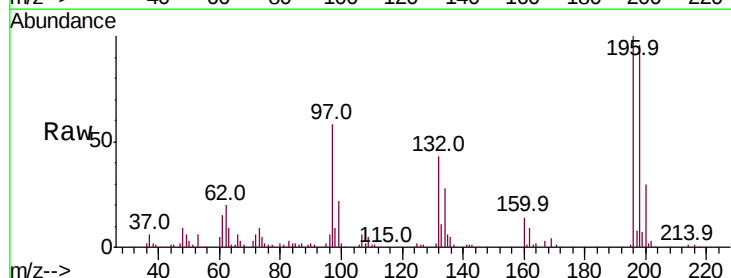
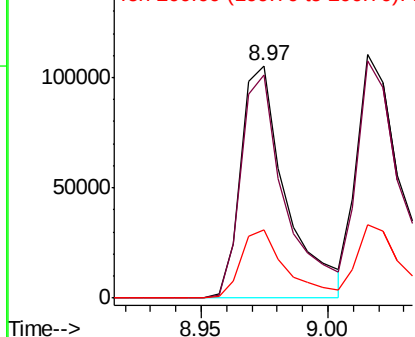
Tgt Ion	Ratio	Resp	Lower	Upper
196	100			
198	95.8	76.2	114.4	
200	29.6	24.4	36.6	

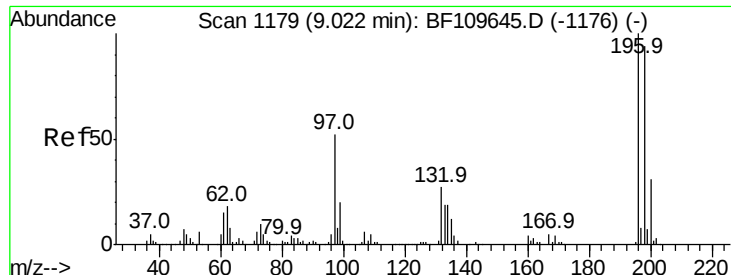
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 200.00 (199.70 to 200.70): E





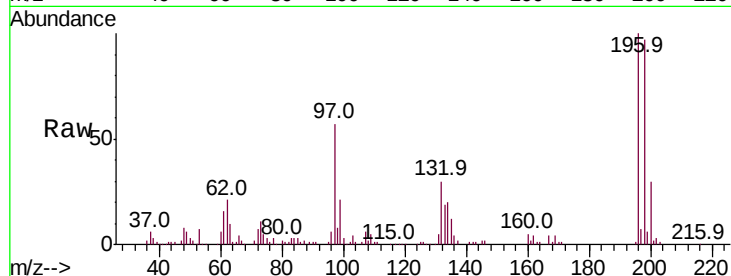
#43
 2,4,5-Trichlorophenol
 Concen: 44.155 ng
 RT: 9.02 min Scan# 1178
 Delta R.T. -0.01 min
 Lab File: BF109745.D
 Acq: 10 Oct 2018 16:32

Instrument :
 BNA_F
 ClientSampleId :
 SB-TW-3-(16.5-17)MSD

Tot Ion	Ratio	Resp	Lower	Upper
196	100	158716		
198	97.3	75.8	113.6	
97	57.1	42.4	63.6	
132	30.3	22.8	34.2	

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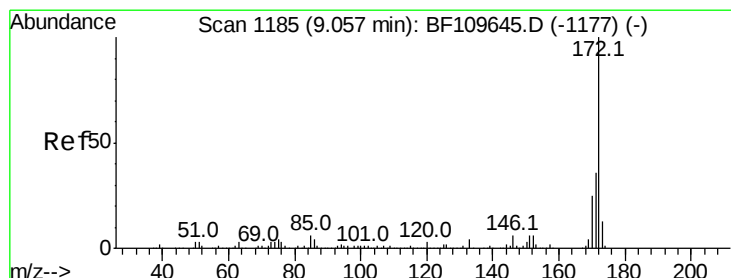
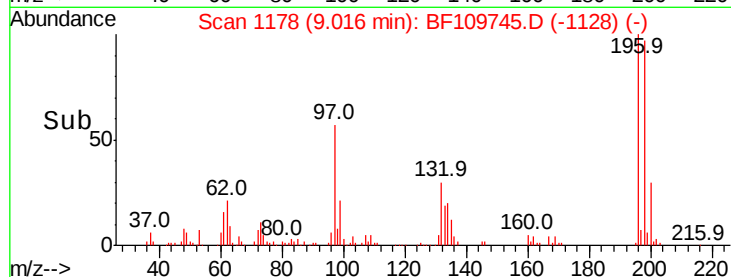
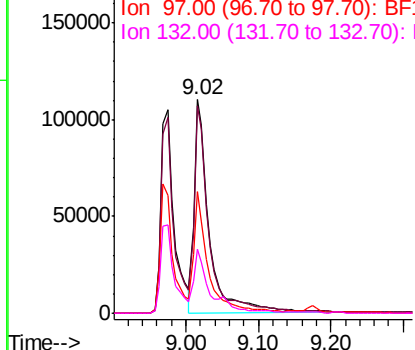
Abundance

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: 105.400 ng
 RT: 9.05 min Scan# 1184
 Delta R.T. -0.01 min
 Lab File: BF109745.D
 Acq: 10 Oct 2018 16:32

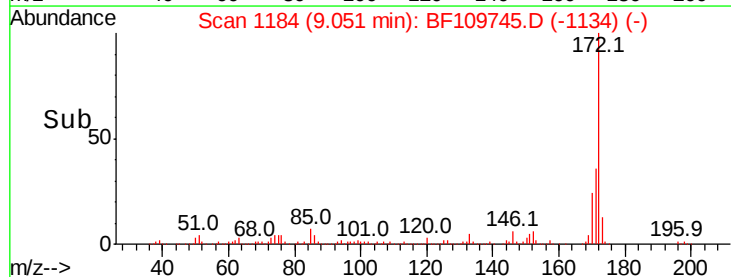
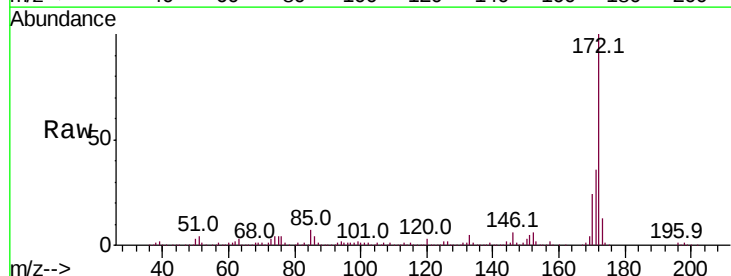
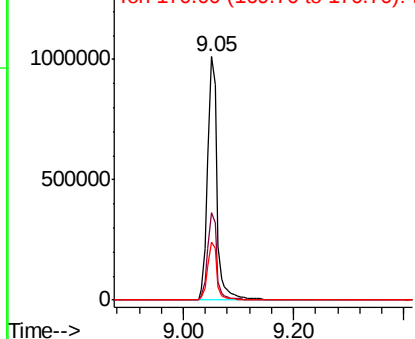
Tgt Ion	Ratio	Resp	Lower	Upper
172	100	1175720		
171	35.8	28.6	43.0	
170	23.9	19.7	29.5	

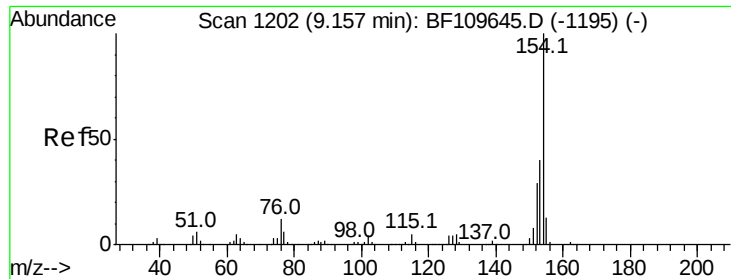
Abundance

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: 40.137 ng

RT: 9.15 min Scan# 1201

Delta R.T. -0.01 min

Lab File: BF109745.D

Acq: 10 Oct 2018 16:32

Instrument :

BNA_F

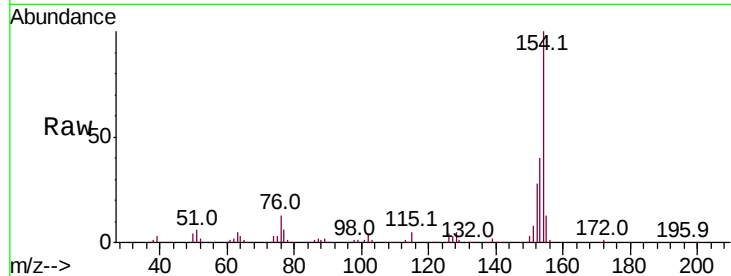
ClientSampleId :

SB-TW-3-(16.5-17)MSD

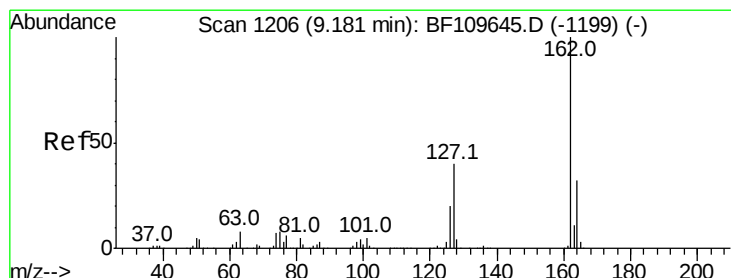
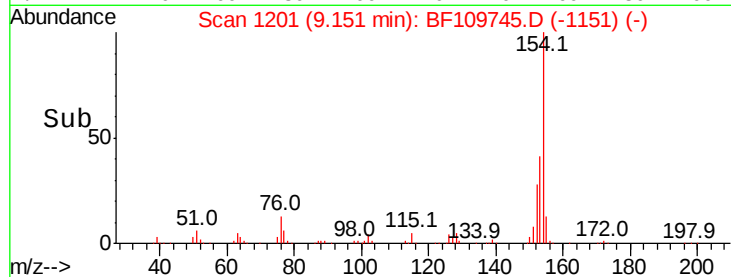
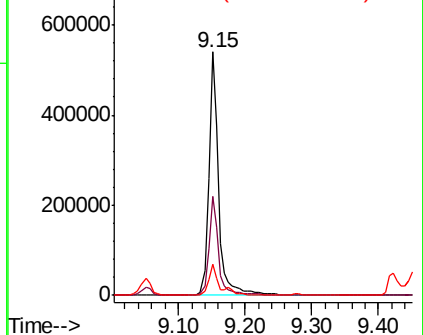
Tot Ion:	154	Resp:	550863
Ion Ratio	Lower	Upper	
154	100		
153	40.5	20.4	60.4
76	12.6	0.0	31.9

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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: 40.730 ng

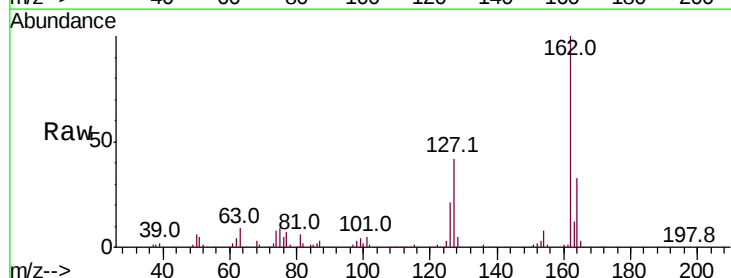
RT: 9.17 min Scan# 1205

Delta R.T. -0.01 min

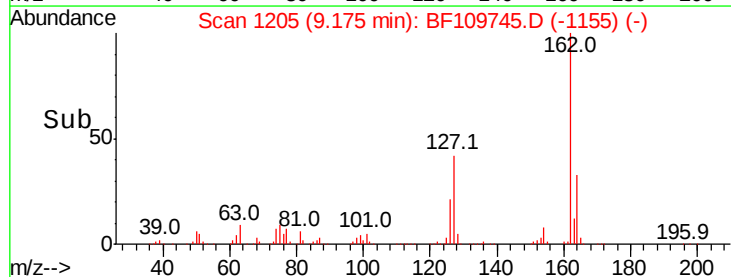
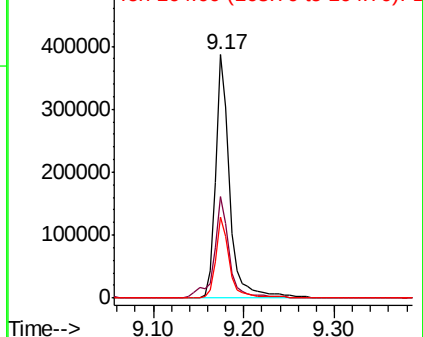
Lab File: BF109745.D

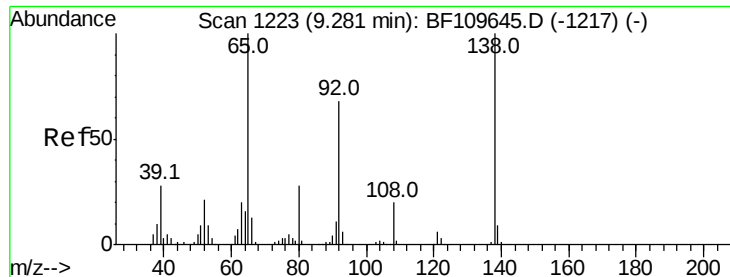
Acq: 10 Oct 2018 16:32

Tgt Ion:	162	Resp:	418797
Ion Ratio	Lower	Upper	
162	100		
127	41.9	32.6	48.8
164	33.4	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: 44.787 ng

RT: 9.27 min Scan# 1222

Delta R.T. -0.01 min

Lab File: BF109745.D

Acq: 10 Oct 2018 16:32

Instrument :

BNA_F

ClientSampleId :

SB-TW-3-(16.5-17)MSD

Tot Ion: 65 Resp: 139442

Ion Ratio Lower Upper

65 100

92 66.5 54.6 81.8

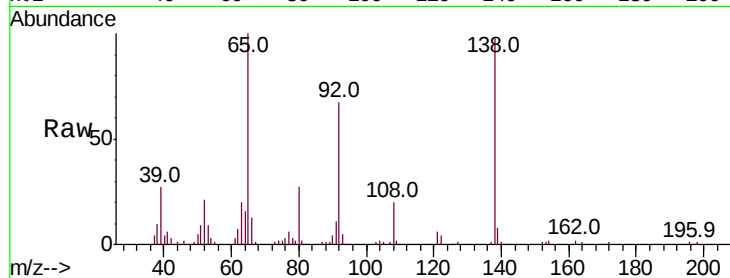
138 97.9 80.3 120.5

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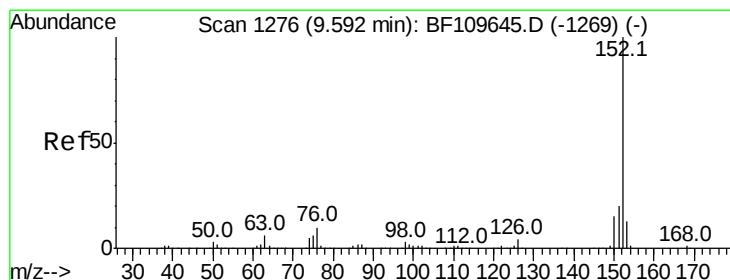
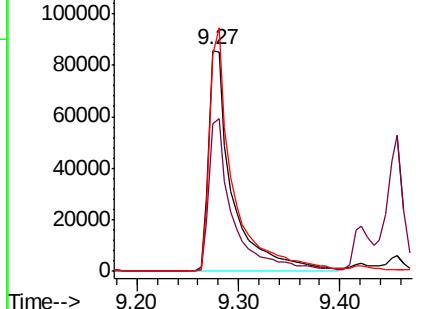
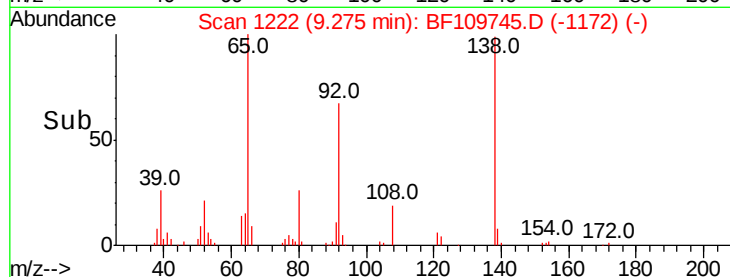
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Abundance Ion 65.00 (64.70 to 65.70): BF1

Ion 92.00 (91.70 to 92.70): BF1

Ion 138.00 (137.70 to 138.70): BF1



#48

Acenaphthylene

Concen: 45.194 ng

RT: 9.59 min Scan# 1275

Delta R.T. -0.01 min

Lab File: BF109745.D

Acq: 10 Oct 2018 16:32

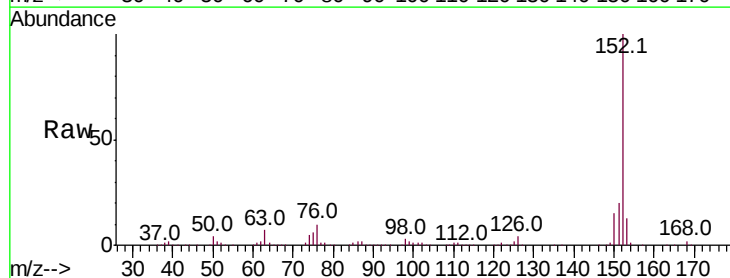
Tgt Ion: 152 Resp: 677467

Ion Ratio Lower Upper

152 100

151 20.2 15.8 23.8

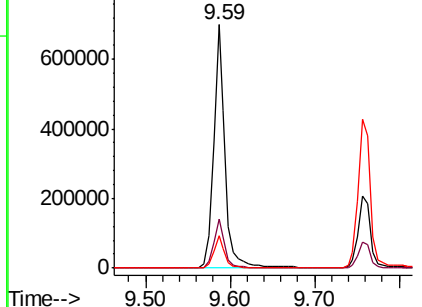
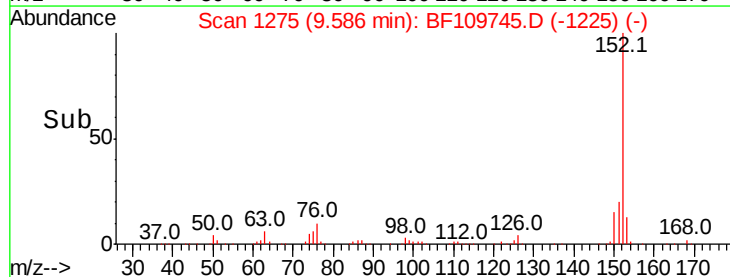
153 13.3 10.4 15.6

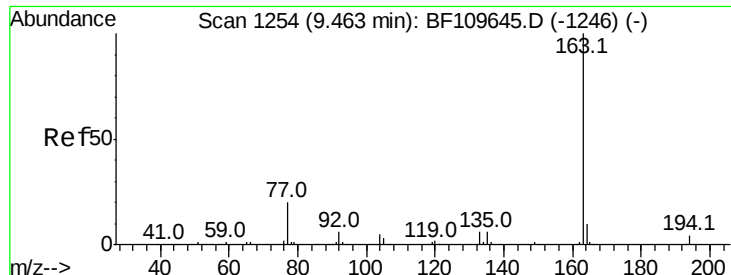


Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E





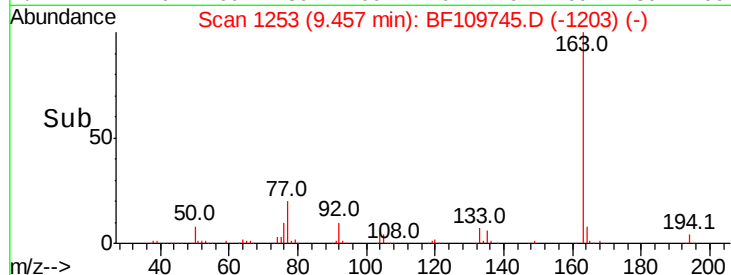
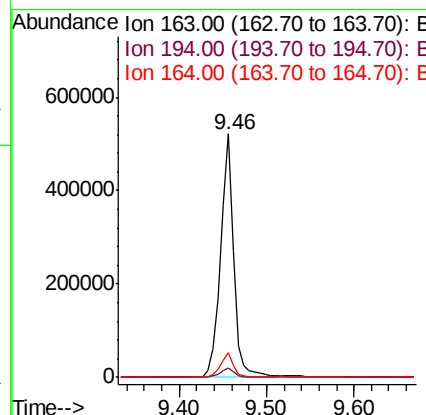
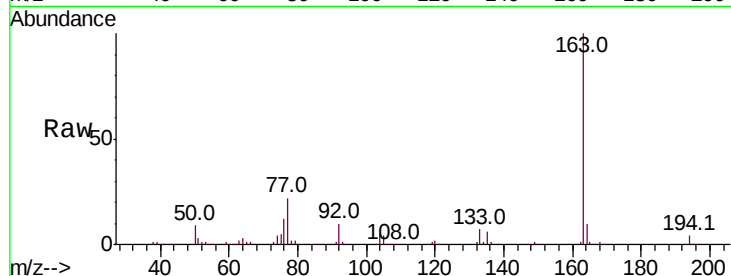
#49
Dimethylphthalate
Concen: 49.474 ng
RT: 9.46 min Scan# 1253
Delta R.T. -0.01 min
Lab File: BF109745.D
Acq: 10 Oct 2018 16:32

Instrument :
BNA_F
ClientSampleId :
SB-TW-3-(16.5-17)MSD

Tot Ion	Ratio	Resp	Lower	Upper
163	100	557438		
194	4.0		3.2	4.8
164	10.3		8.1	12.1

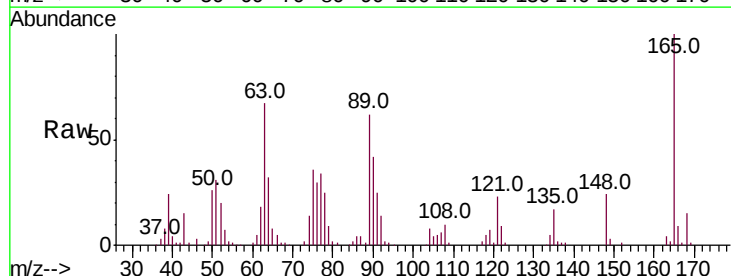
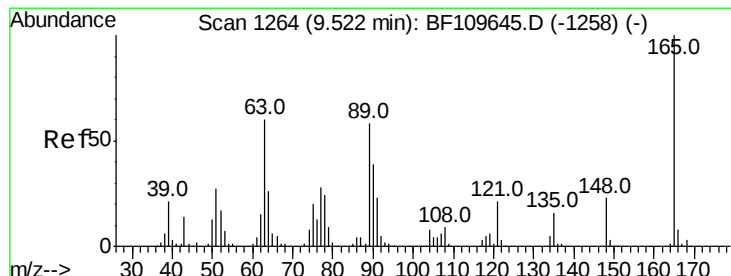
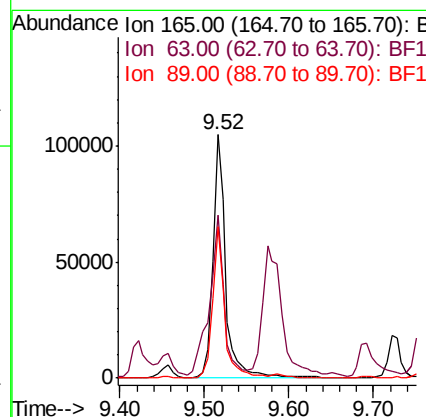
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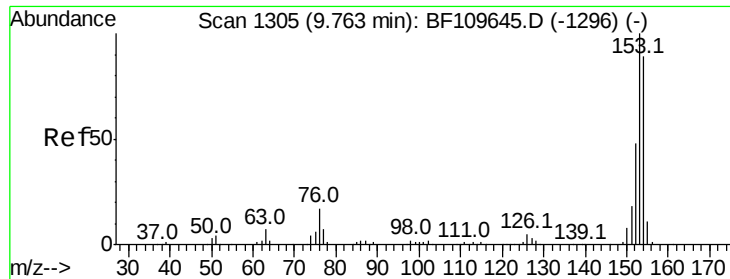
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#50
2,6-Dinitrotoluene
Concen: 45.633 ng
RT: 9.52 min Scan# 1263
Delta R.T. -0.01 min
Lab File: BF109745.D
Acq: 10 Oct 2018 16:32

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	111455		
63	66.8		48.9	73.3
89	62.1		46.6	69.8





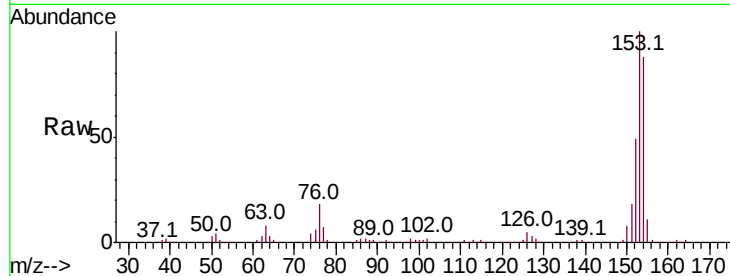
#51
Acenaphthene
Concen: 41.982 ng
RT: 9.76 min Scan# 1304
Delta R.T. -0.01 min
Lab File: BF109745.D
Acq: 10 Oct 2018 16:32

Instrument :
BNA_F
ClientSampleId :
SB-TW-3-(16.5-17)MSD

Tot Ion	Ratio	Lower	Upper
154	100		
153	113.1	90.1	135.1
152	54.9	43.4	65.2

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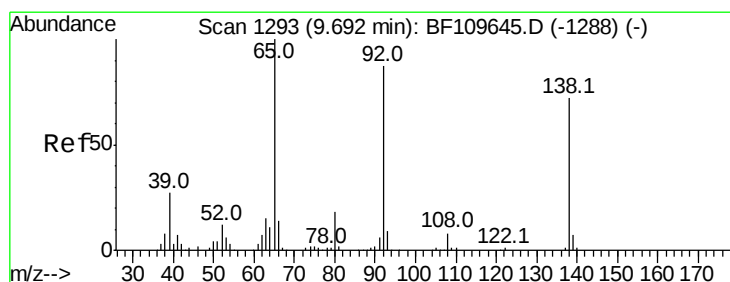
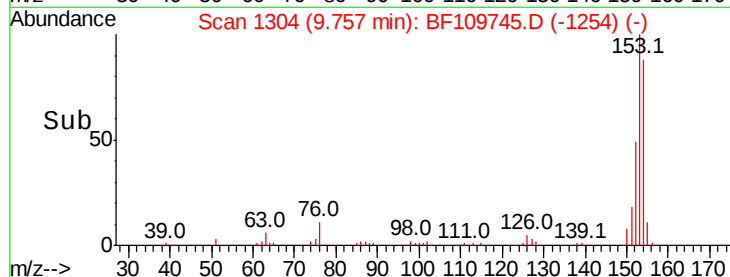
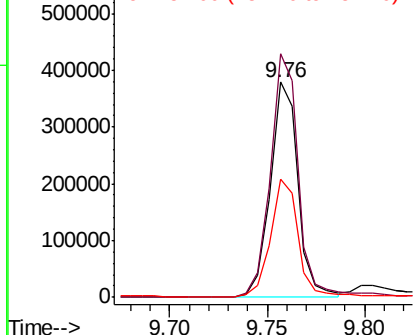


Abundance

Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52
3-Nitroaniline
Concen: 42.199 ng
RT: 9.69 min Scan# 1293
Delta R.T. -0.00 min
Lab File: BF109745.D
Acq: 10 Oct 2018 16:32

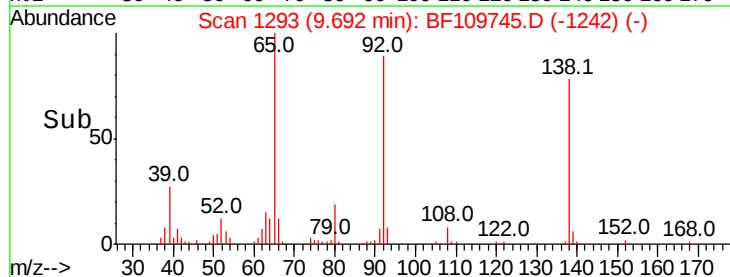
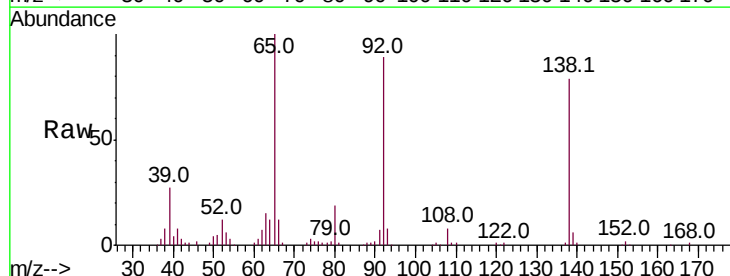
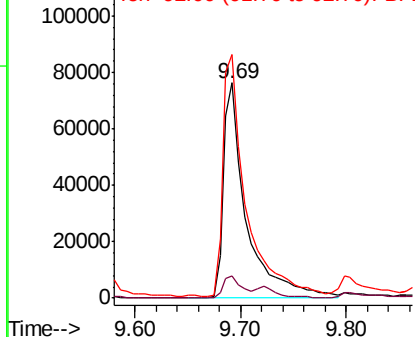
Tgt Ion	Ratio	Lower	Upper
138	100		
108	10.5	8.7	13.1
92	113.1	97.0	145.4

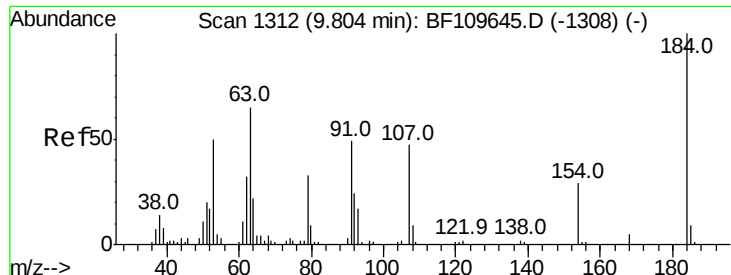
Abundance

Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF1





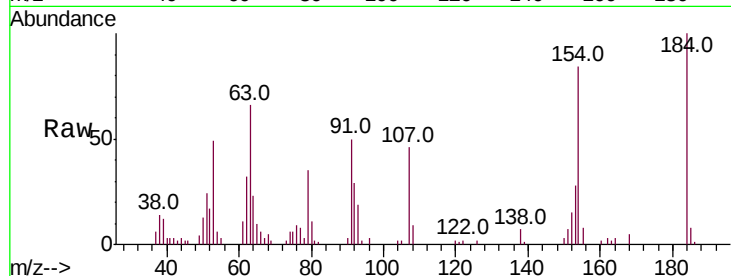
#53
 2,4-Dinitrophenol
 Concen: 56.293 ng
 RT: 9.80 min Scan# 1312
 Delta R.T. -0.00 min
 Lab File: BF109745.D
 Acq: 10 Oct 2018 16:32

Instrument :
 BNA_F
 ClientSampleId :
 SB-TW-3-(16.5-17)MSD

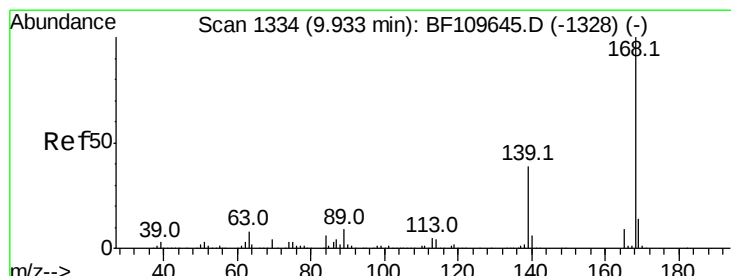
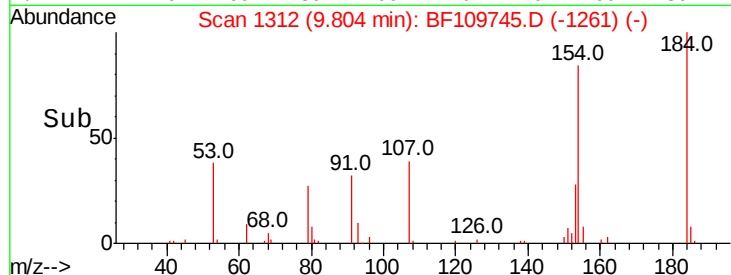
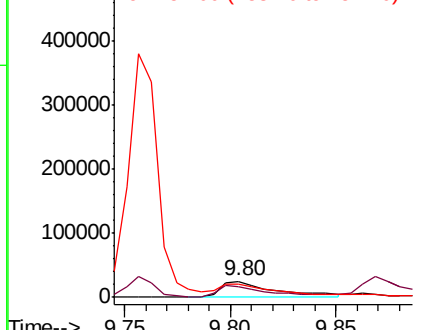
Tot Ion:	184	Resp:	44359
Ion Ratio	Lower	Upper	
184	100		
63	65.8	55.8	83.6
154	83.9	63.2	94.8

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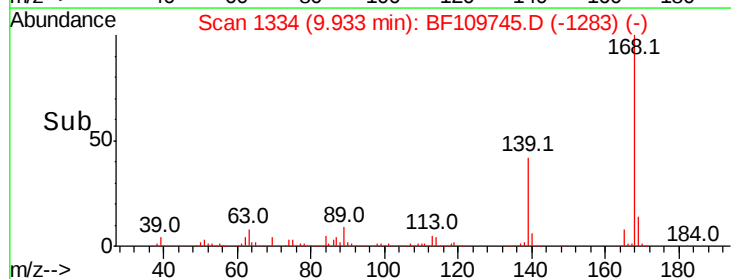
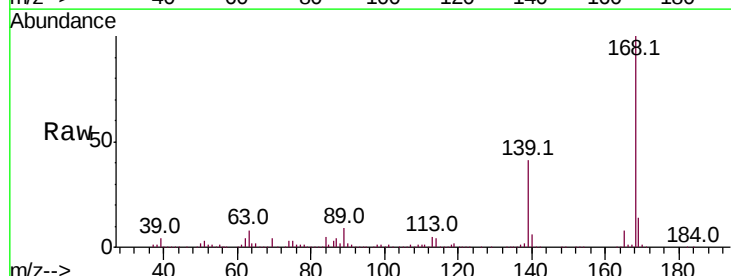
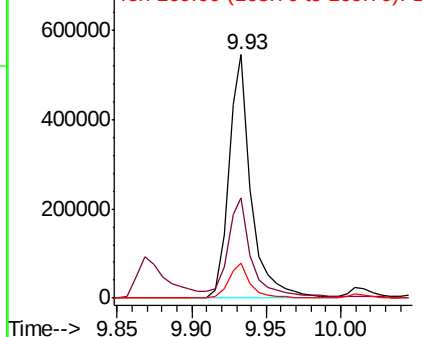
Abundance Ion 184.00 (183.70 to 184.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 154.00 (153.70 to 154.70): E

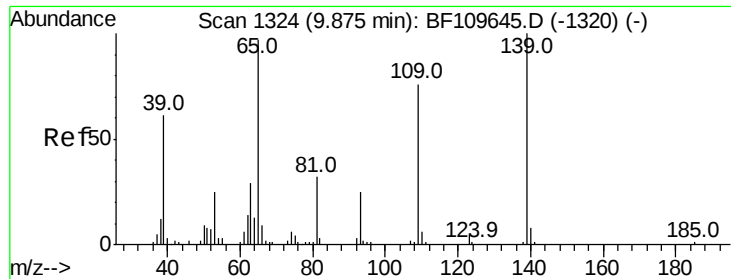


#54
 Dibenzofuran
 Concen: 43.068 ng
 RT: 9.93 min Scan# 1334
 Delta R.T. -0.00 min
 Lab File: BF109745.D
 Acq: 10 Oct 2018 16:32

Tgt Ion:	168	Resp:	573682
Ion Ratio	Lower	Upper	
168	100		
139	41.4	33.0	49.6
169	14.1	11.3	16.9

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





#55

4-Nitrophenol

Concen: 88.206 ng

RT: 9.87 min Scan# 1323

Delta R.T. -0.01 min

Lab File: BF109745.D

Acq: 10 Oct 2018 16:32

Instrument :

BNA_F

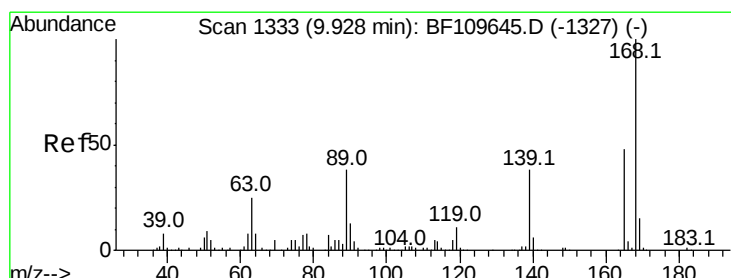
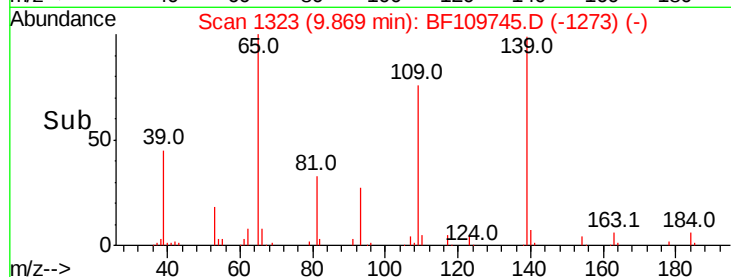
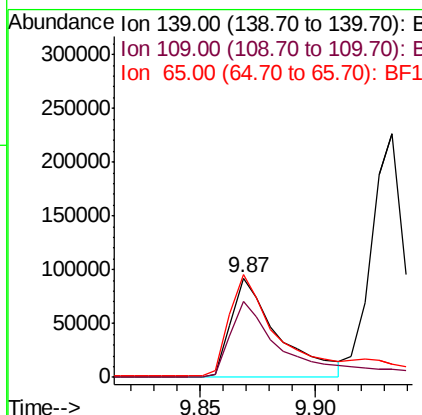
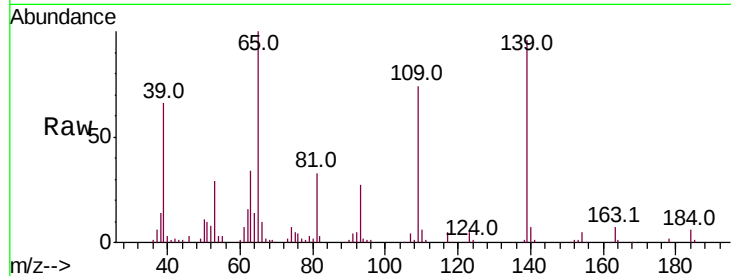
ClientSampleId :

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Tot Ion:139	Resp:	132185
Ion Ratio	Lower	Upper
139	100	
109	76.9	55.8 95.8
65	103.8	77.9 117.9

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#56

2,4-Dinitrotoluene

Concen: 47.814 ng

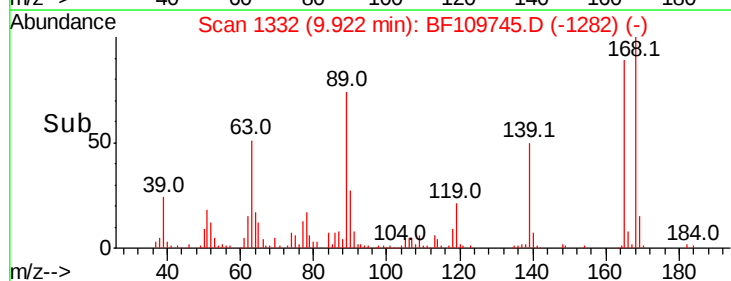
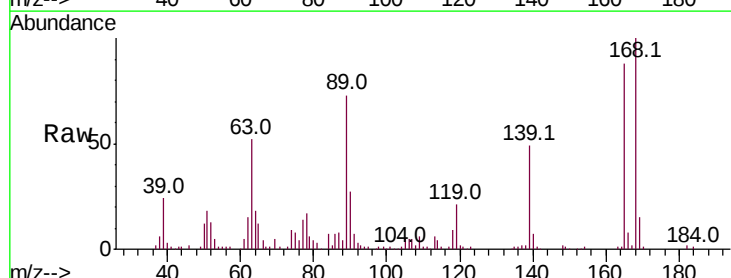
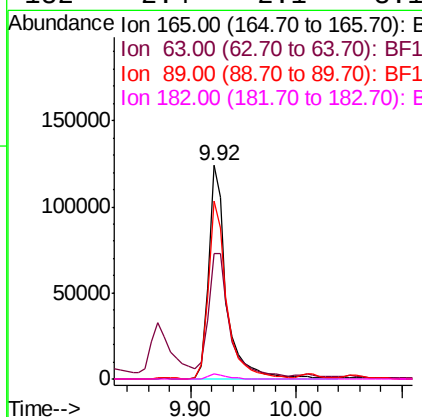
RT: 9.92 min Scan# 1332

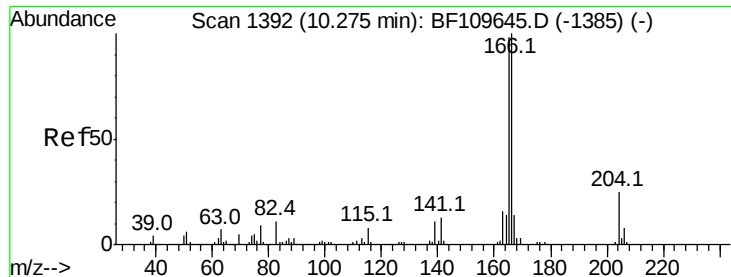
Delta R.T. -0.01 min

Lab File: BF109745.D

Acq: 10 Oct 2018 16:32

Tgt Ion:165	Resp:	145737
Ion Ratio	Lower	Upper
165	100	
63	58.9	44.8 67.2
89	83.1	62.2 93.4
182	2.4	2.1 3.1





#57

Fluorene

Concen: 46.707 ng

RT: 10.27 min Scan# 1392

Delta R.T. -0.00 min

Lab File: BF109745.D

Acq: 10 Oct 2018 16:32

Instrument :

BNA_F

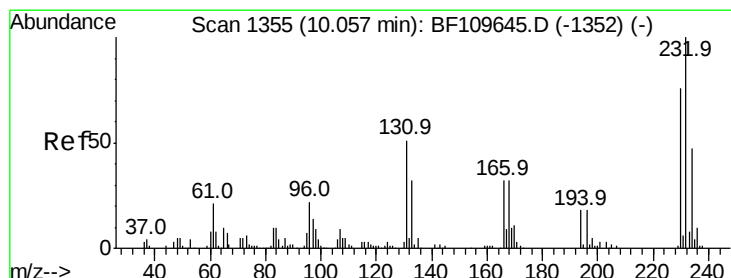
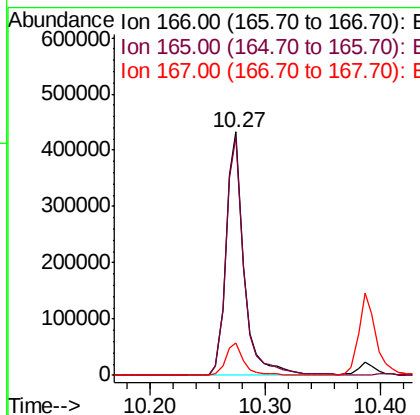
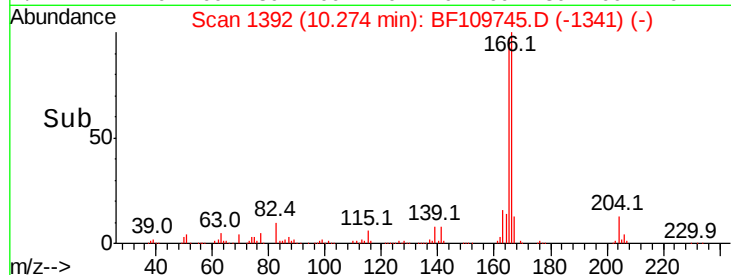
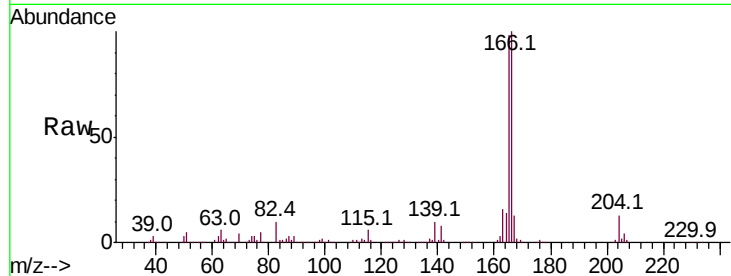
ClientSampleId :

SB-TW-3-(16.5-17)MSD

Tot Ion:	166	Resp:	464613
Ion Ratio	Lower	Upper	
166	100		
165	97.9	78.6	117.8
167	13.4	10.8	16.2

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#58

2,3,4,6-Tetrachlorophenol

Concen: 47.821 ng

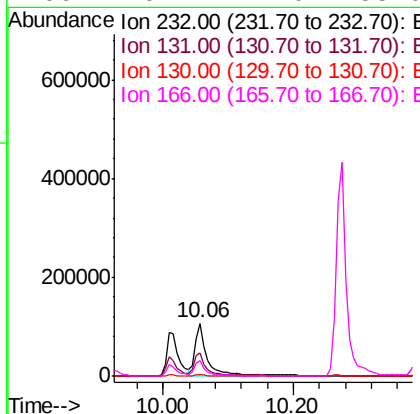
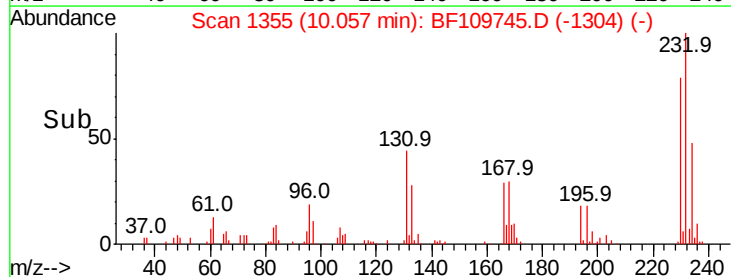
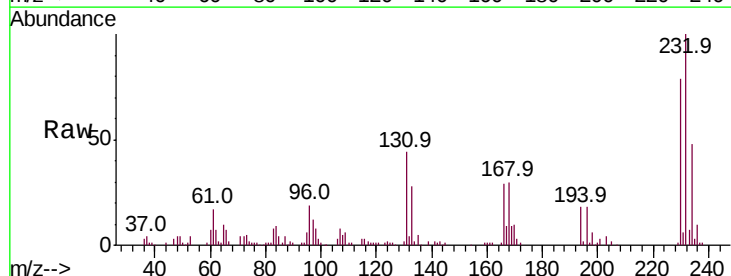
RT: 10.06 min Scan# 1355

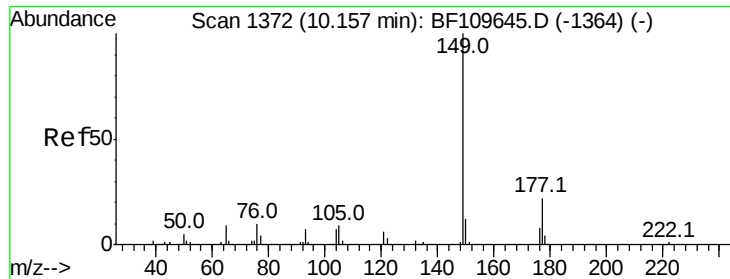
Delta R.T. -0.00 min

Lab File: BF109745.D

Acq: 10 Oct 2018 16:32

Tgt Ion:	232	Resp:	139731
Ion Ratio	Lower	Upper	
232	100		
131	44.1	37.0	55.4
130	1.9	1.8	2.6
166	26.4	22.0	33.0





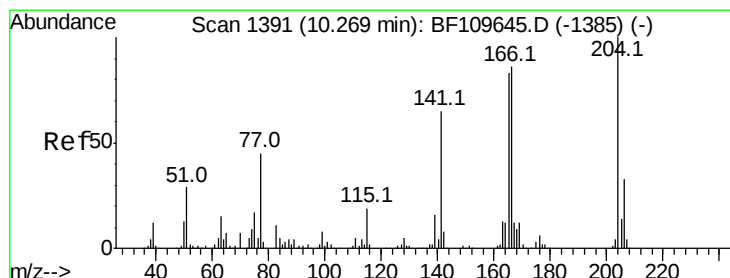
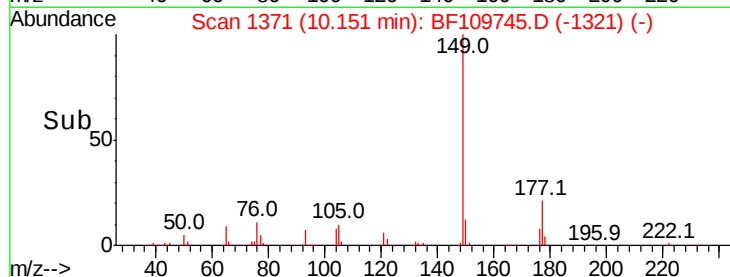
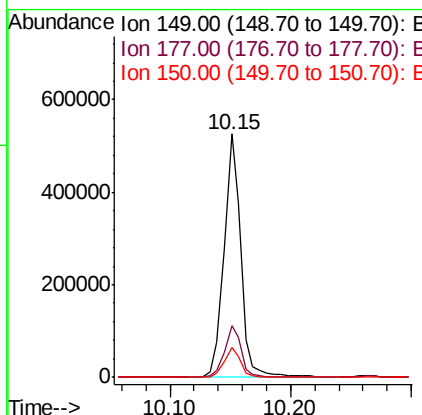
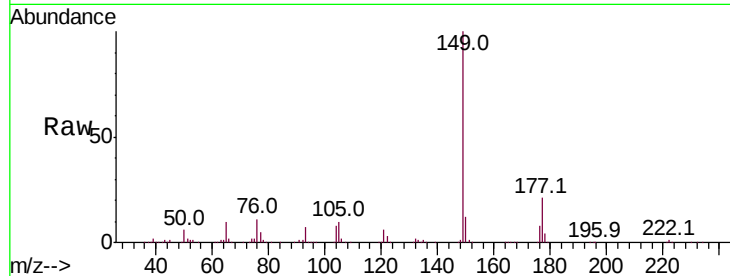
#59
 Diethylphthalate
 Concen: 45.325 ng
 RT: 10.15 min Scan# 1371
 Delta R.T. -0.01 min
 Lab File: BF109745.D
 Acq: 10 Oct 2018 16:32

Instrument :
 BNA_F
 ClientSampleId :
 SB-TW-3-(16.5-17)MSD

Tot Ion:	149	Resp:	506004
Ion Ratio	Lower	Upper	
149	100		
177	21.1	17.4	26.2
150	12.3	9.8	14.8

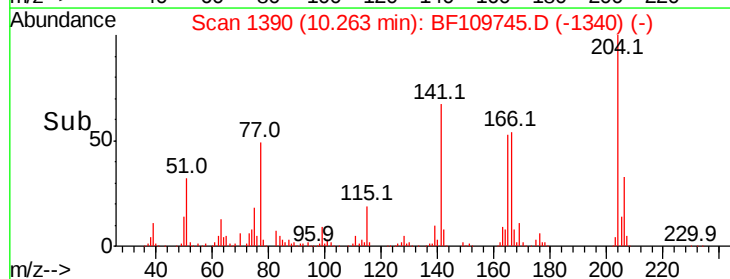
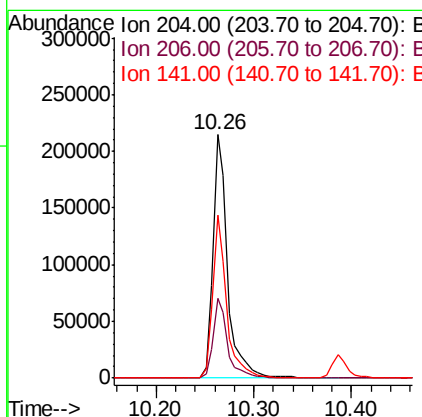
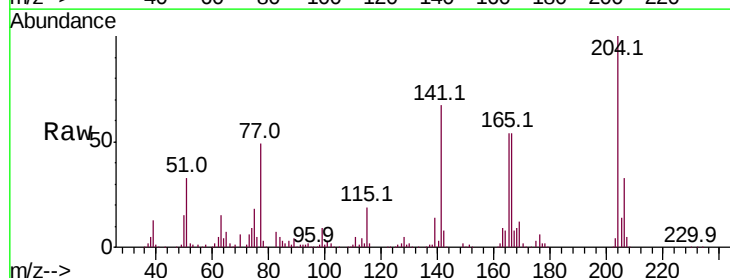
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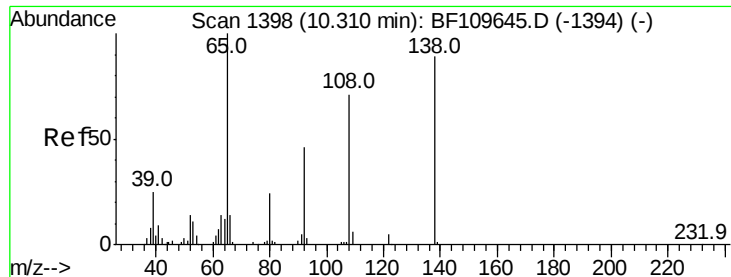
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#60
 4-Chlorophenyl-phenylether
 Concen: 42.369 ng
 RT: 10.26 min Scan# 1390
 Delta R.T. -0.01 min
 Lab File: BF109745.D
 Acq: 10 Oct 2018 16:32

Tgt Ion:	204	Resp:	222347
Ion Ratio	Lower	Upper	
204	100		
206	32.6	26.5	39.7
141	66.7	51.8	77.8





#61

4-Nitroaniline

Concen: 47.419 ng

RT: 10.31 min Scan# 1398

Delta R.T. -0.00 min

Lab File: BF109745.D

Acq: 10 Oct 2018 16:32

Instrument :

BNA_F

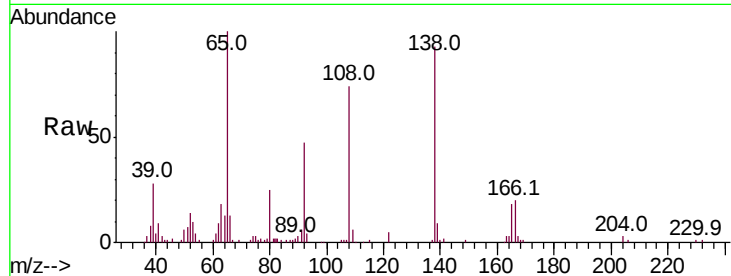
ClientSampleId :

SB-TW-3-(16.5-17)MSD

Tot Ion:	138	Resp:	120231
Ion Ratio	Lower	Upper	
138	100		
92	50.5	31.7	71.7
108	79.5	59.3	99.3

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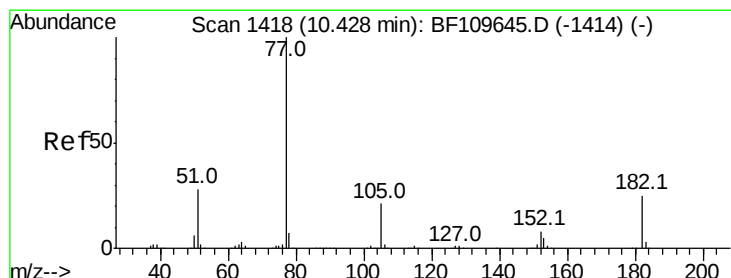
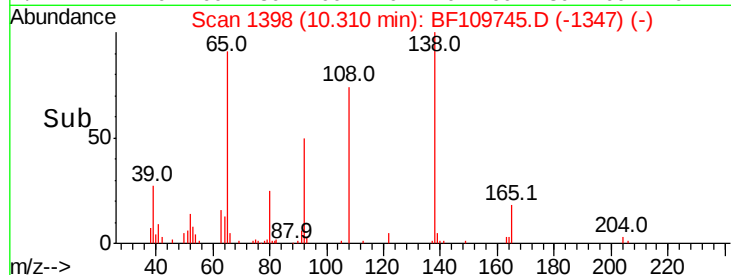
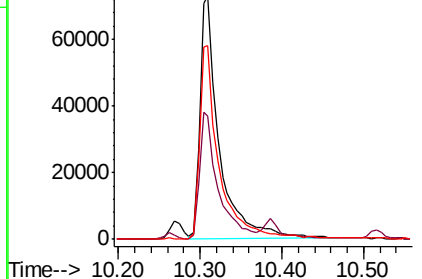
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Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BF1

Ion 108.00 (107.70 to 108.70): E



#62

Azobenzene

Concen: 45.261 ng

RT: 10.43 min Scan# 1418

Delta R.T. -0.00 min

Lab File: BF109745.D

Acq: 10 Oct 2018 16:32

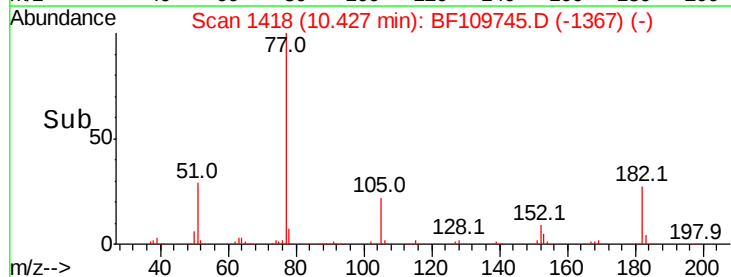
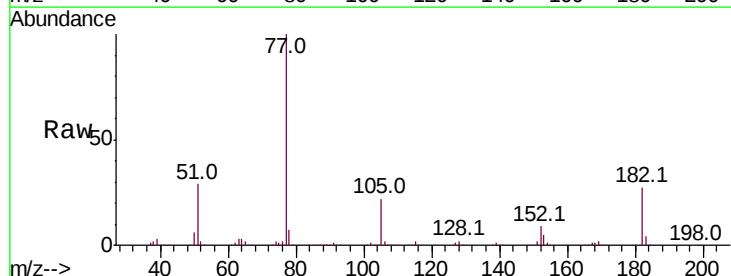
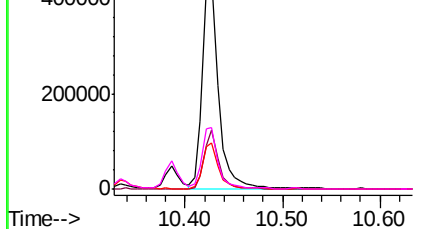
Tgt Ion:	77	Resp:	513113
Ion Ratio	Lower	Upper	
77	100		
182	27.4	4.3	44.3
105	21.6	1.3	41.3
51	28.7	9.0	49.0

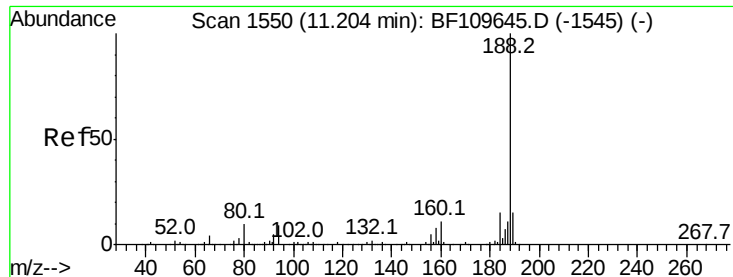
Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF1





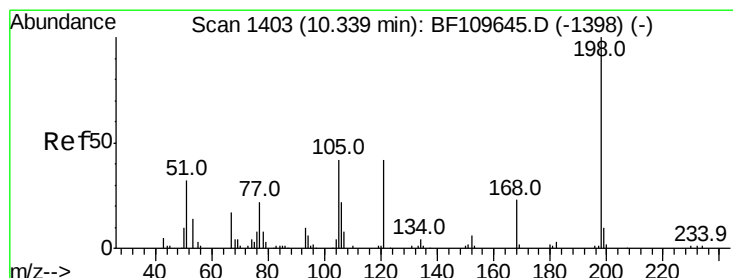
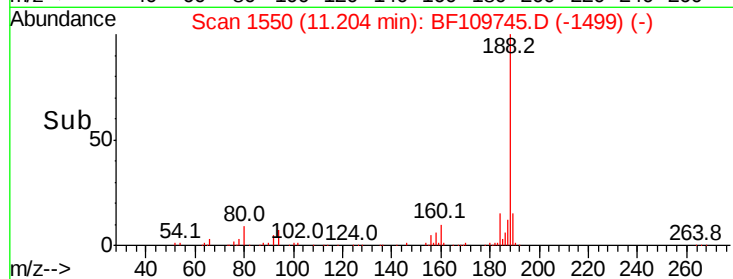
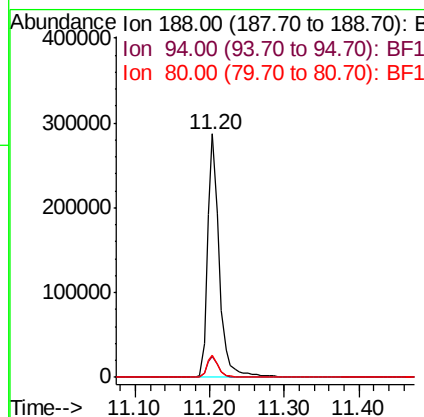
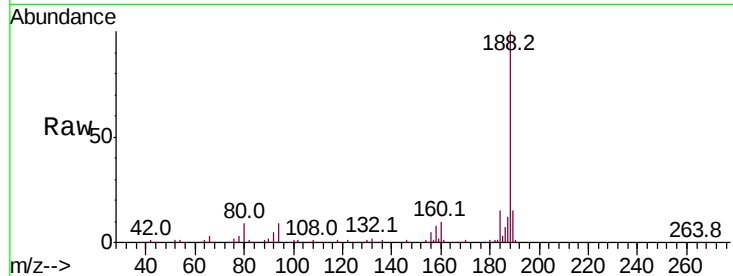
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.20 min Scan# 1550
Delta R.T. -0.00 min
Lab File: BF109745.D
Acq: 10 Oct 2018 16:32

Instrument :
BNA_F
ClientSampleId :
SB-TW-3-(16.5-17)MSD

Tot Ion	Ratio	Resp	Lower	Upper
188	100	313715		
94	8.7		7.2	10.8
80	9.2		7.9	11.9

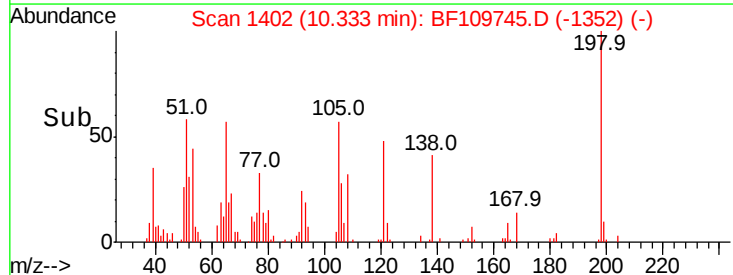
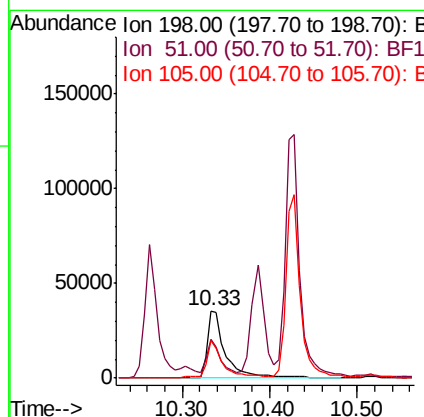
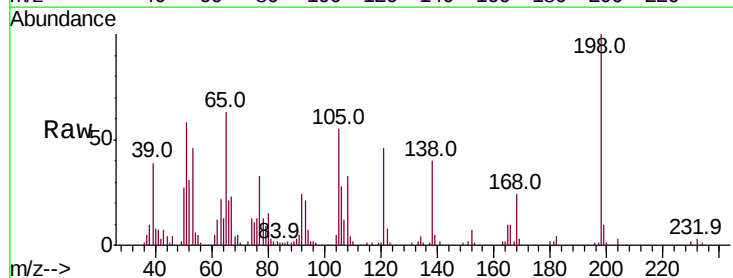
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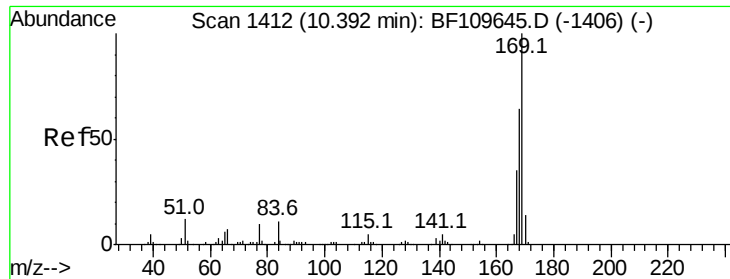
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#64
4,6-Dinitro-2-methylphenol
Concen: 33.699 ng
RT: 10.33 min Scan# 1402
Delta R.T. -0.01 min
Lab File: BF109745.D
Acq: 10 Oct 2018 16:32

Tgt Ion	Ratio	Resp	Lower	Upper
198	100	51456		
51	58.0		22.8	62.8
105	55.0		23.6	63.6





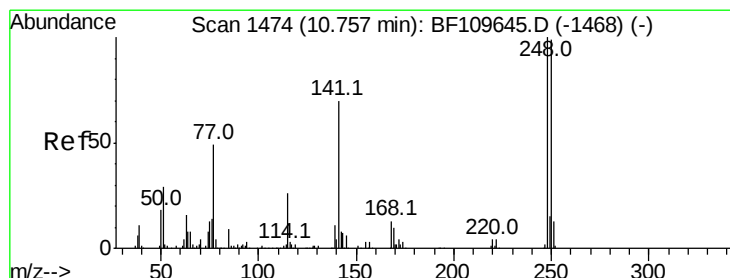
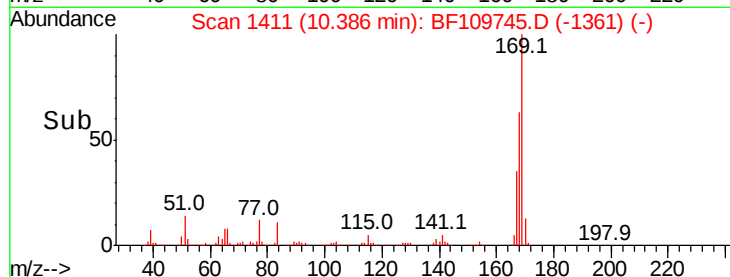
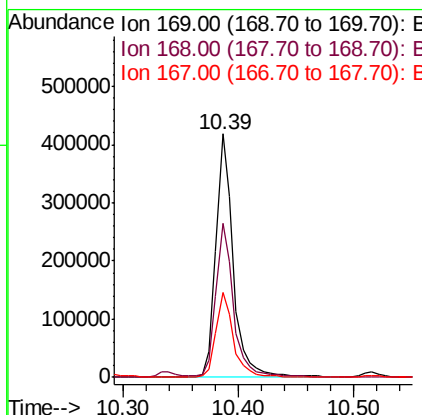
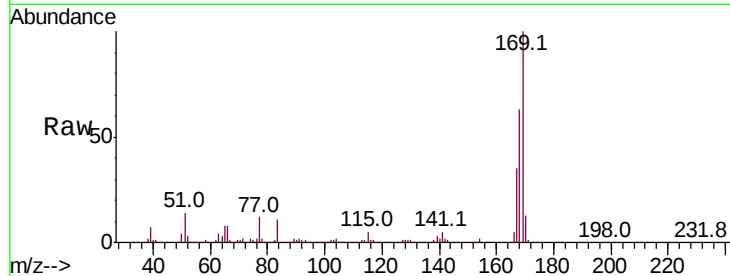
#65
 n-Nitrosodiphenylamine
 Concen: 40.913 ng
 RT: 10.39 min Scan# 1411
 Delta R.T. -0.01 min
 Lab File: BF109745.D
 Acq: 10 Oct 2018 16:32

Instrument :
 BNA_F
 ClientSampleId :
 SB-TW-3-(16.5-17)MSD

Tot Ion	Ratio	Resp	Lower	Upper
169	100			
168	63.2	51.2	76.8	
167	35.1	27.8	41.6	

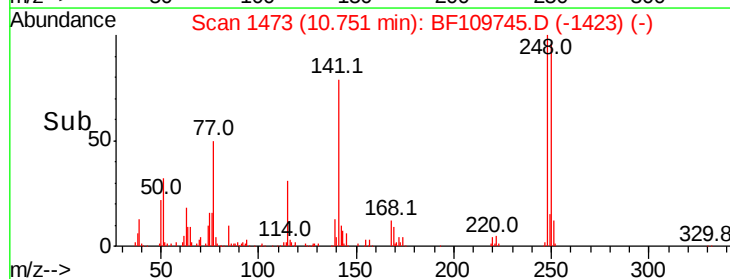
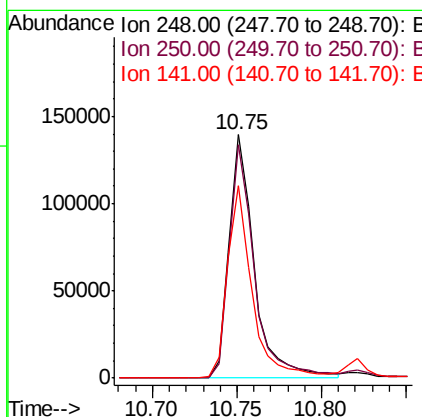
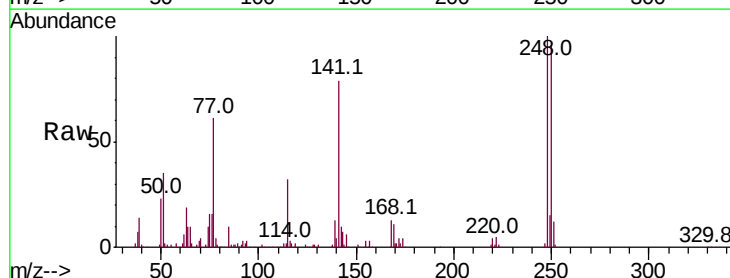
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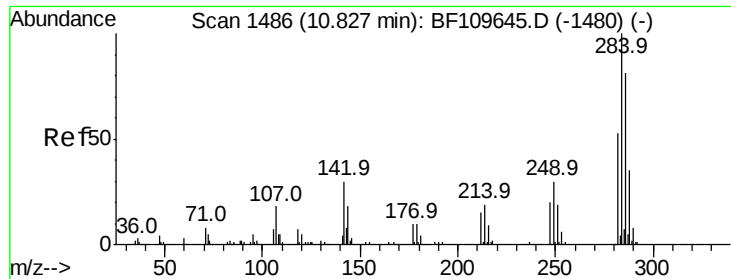
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#66
 4-Bromophenyl-phenylether
 Concen: 40.226 ng
 RT: 10.75 min Scan# 1473
 Delta R.T. -0.01 min
 Lab File: BF109745.D
 Acq: 10 Oct 2018 16:32

Tgt Ion	Ratio	Resp	Lower	Upper
248	100			
250	96.0	79.4	119.2	
141	79.2	55.9	83.9	





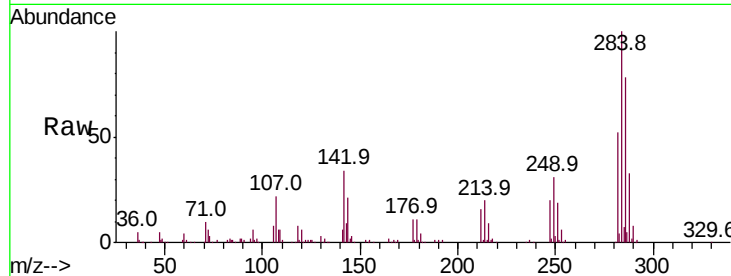
#67
Hexachlorobenzene
Concen: 40.082 ng
RT: 10.82 min Scan# 1485
Delta R.T. -0.01 min
Lab File: BF109745.D
Acq: 10 Oct 2018 16:32

Instrument :
BNA_F
ClientSampleId :
SB-TW-3-(16.5-17)MSD

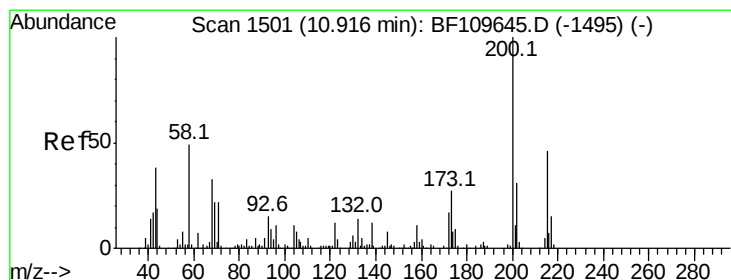
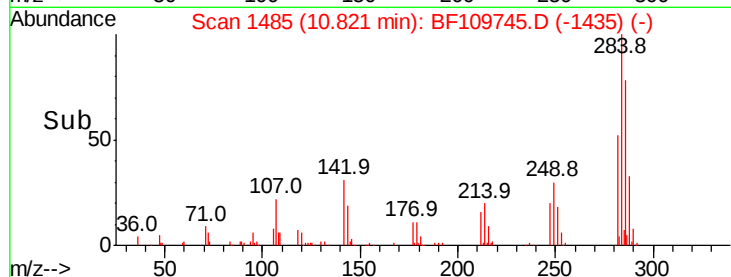
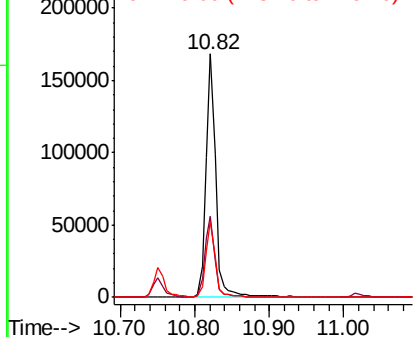
Tot Ion	Ratio	Resp	Lower	Upper
284	100			
142	33.5	23.9	35.9	
249	31.0	24.2	36.2	

Manual Integrations
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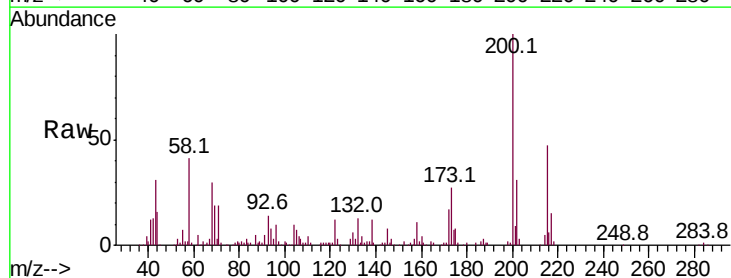


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

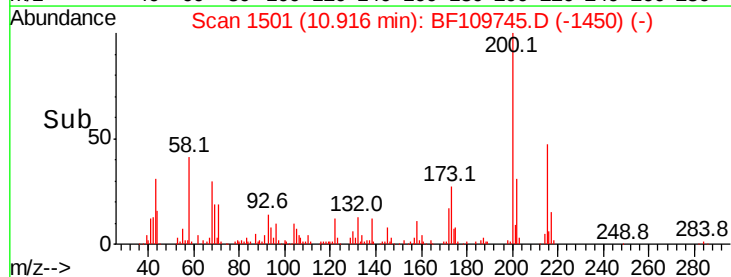
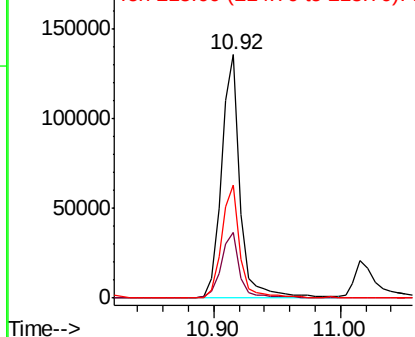


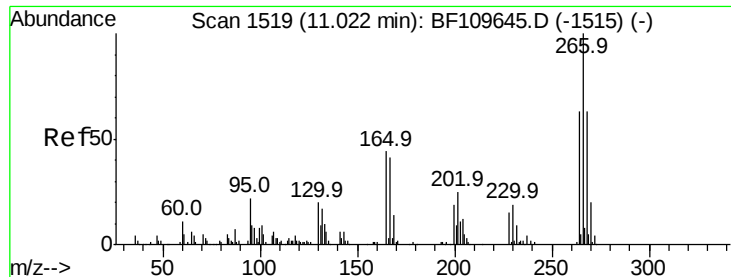
#68
Atrazine
Concen: 42.129 ng
RT: 10.92 min Scan# 1501
Delta R.T. -0.00 min
Lab File: BF109745.D
Acq: 10 Oct 2018 16:32

Tgt Ion	Ratio	Resp	Lower	Upper
200	100			
173	26.9	6.6	46.6	
215	46.5	26.3	66.3	



Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E





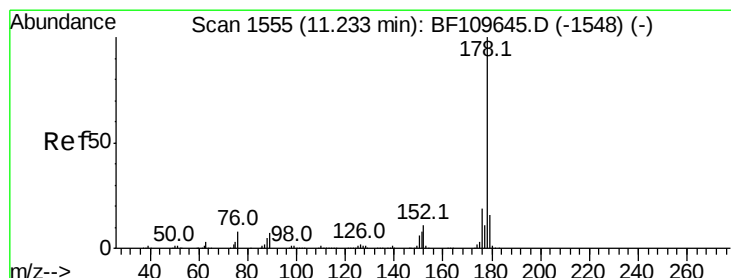
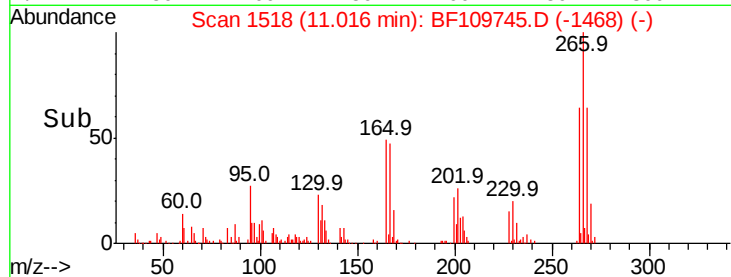
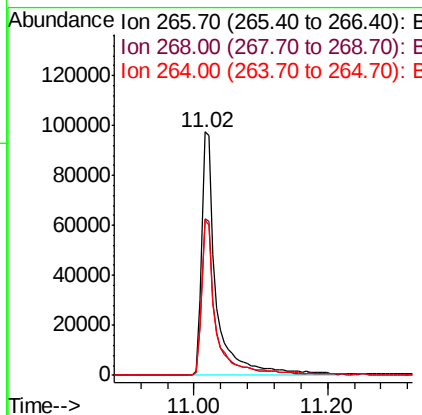
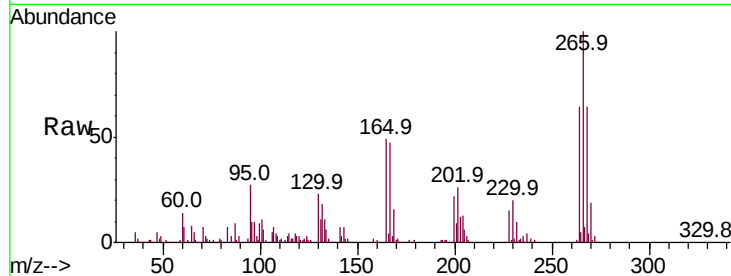
#69
 Pentachlorophenol
 Concen: 66.975 ng
 RT: 11.02 min Scan# 1518
 Delta R.T. -0.01 min
 Lab File: BF109745.D
 Acq: 10 Oct 2018 16:32

Instrument :
 BNA_F
 ClientSampleId :
 SB-TW-3-(16.5-17)MSD

Tot Ion	Ratio	Resp	Lower	Upper
266	100	147103		
268	64.3	50.6	75.8	
264	63.7	50.6	75.8	

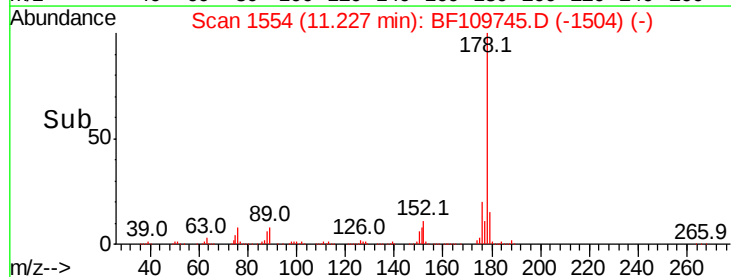
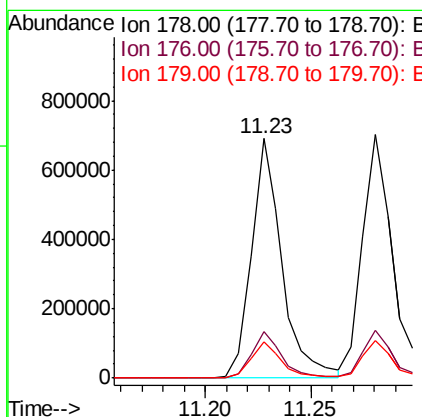
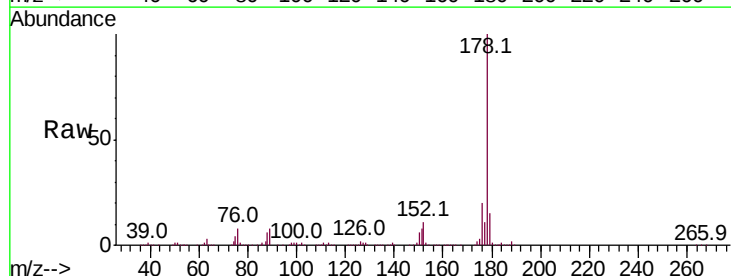
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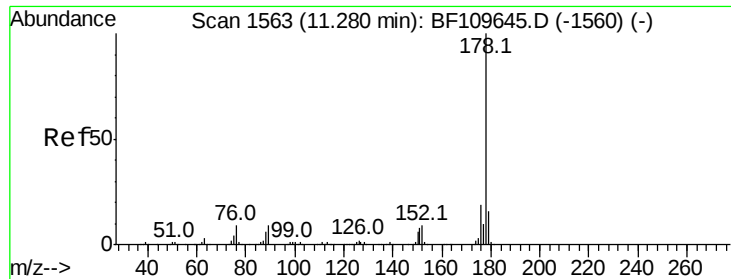
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#70
 Phenanthrene
 Concen: 44.131 ng
 RT: 11.23 min Scan# 1554
 Delta R.T. -0.01 min
 Lab File: BF109745.D
 Acq: 10 Oct 2018 16:32

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	692832		
176	19.5	15.5	23.3	
179	15.1	12.5	18.7	





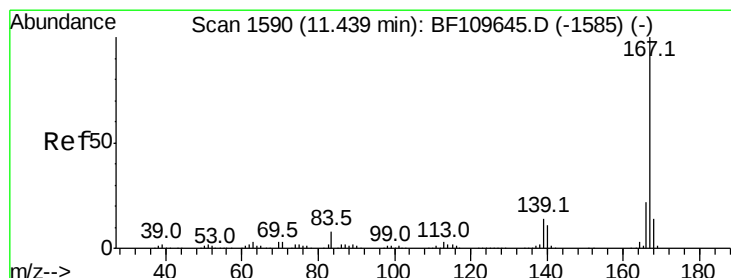
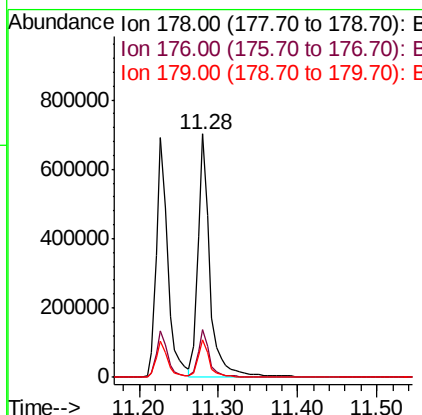
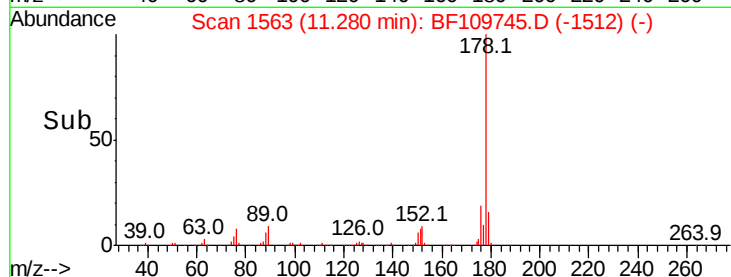
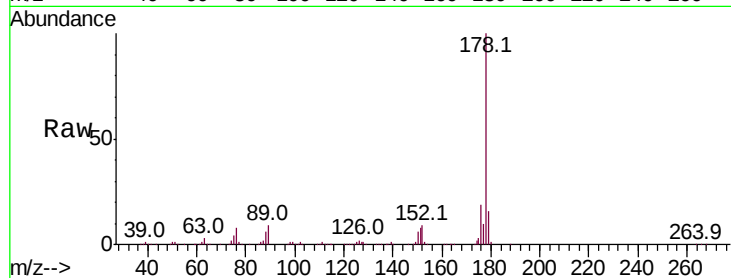
#71
 Anthracene
 Concen: 46.529 ng
 RT: 11.28 min Scan# 1563
 Delta R.T. -0.00 min
 Lab File: BF109745.D
 Acq: 10 Oct 2018 16:32

Instrument :
 BNA_F
 ClientSampleId :
 SB-TW-3-(16.5-17)MSD

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.4	15.4	23.2
179	15.6	12.6	18.8

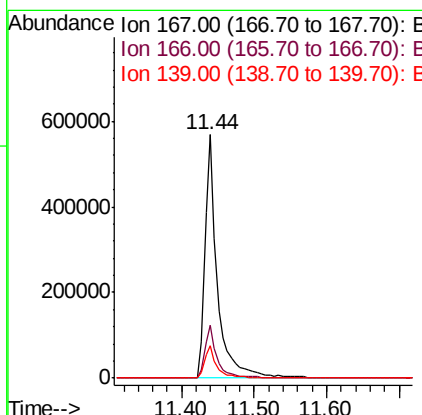
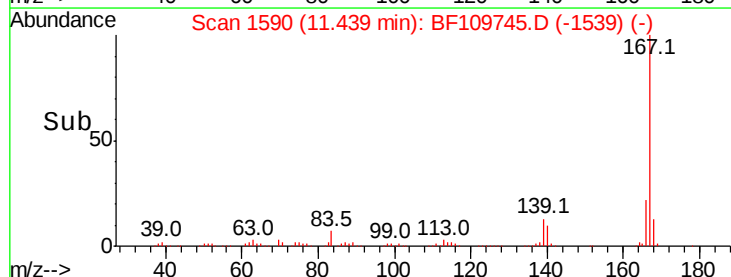
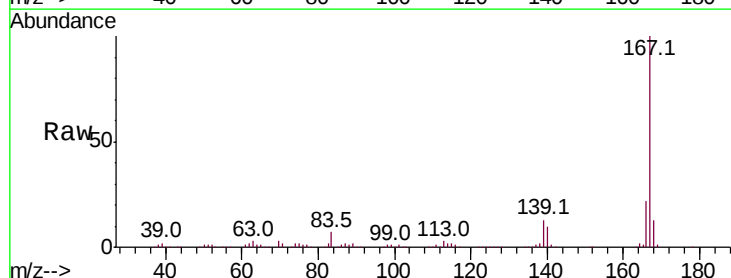
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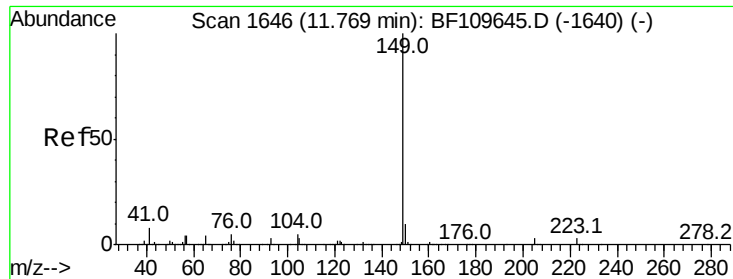
Sohil
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#72
 Carbazole
 Concen: 43.188 ng
 RT: 11.44 min Scan# 1590
 Delta R.T. -0.00 min
 Lab File: BF109745.D
 Acq: 10 Oct 2018 16:32

Tgt Ion	Ratio	Lower	Upper
167	100		
166	21.5	17.4	26.0
139	13.1	10.9	16.3





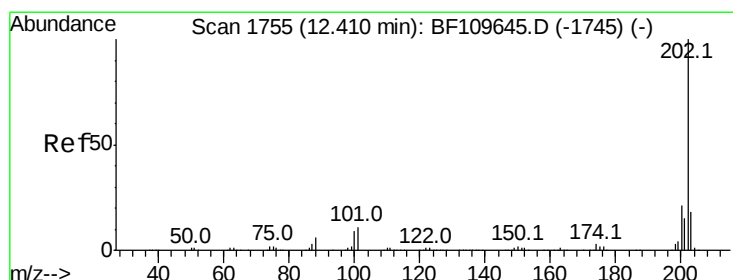
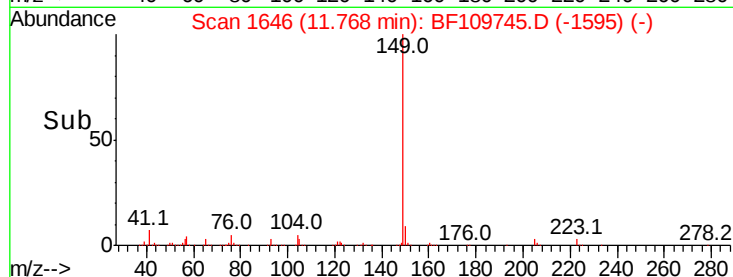
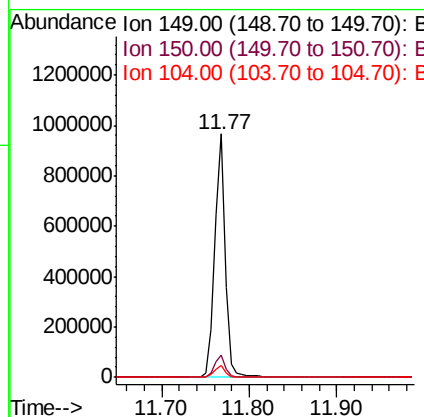
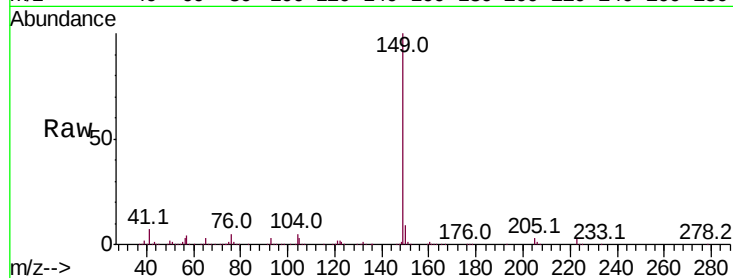
#73
Di-n-butylphthalate
Concen: 44.656 ng
RT: 11.77 min Scan# 1646
Delta R.T. -0.00 min
Lab File: BF109745.D
Acq: 10 Oct 2018 16:32

Instrument :
BNA_F
ClientSampleId :
SB-TW-3-(16.5-17)MSD

Tot Ion	Ratio	Resp	Lower	Upper
149	100			
150	9.2	7.7	11.5	
104	5.1	4.2	6.4	

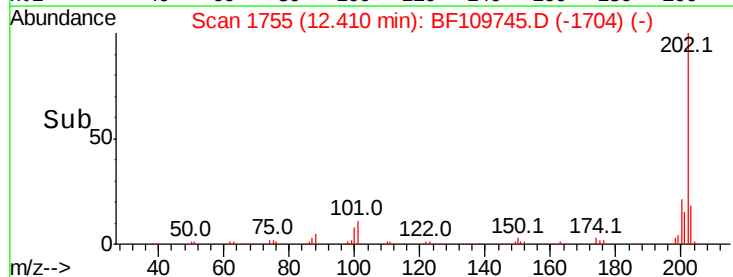
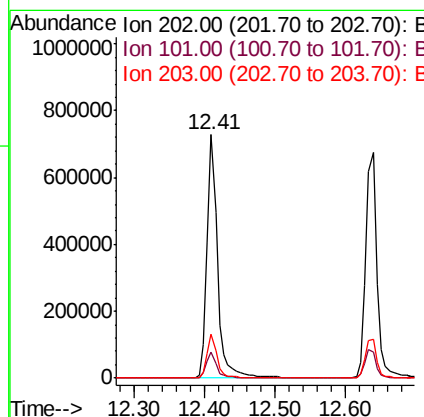
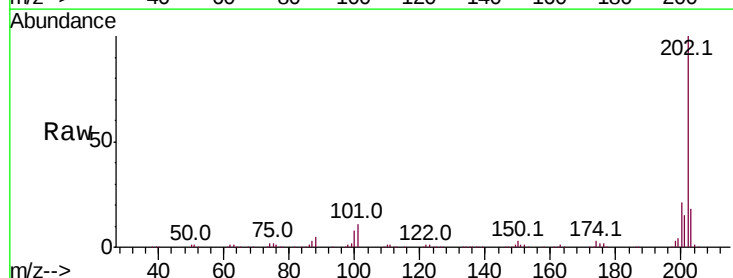
Manual Integrations
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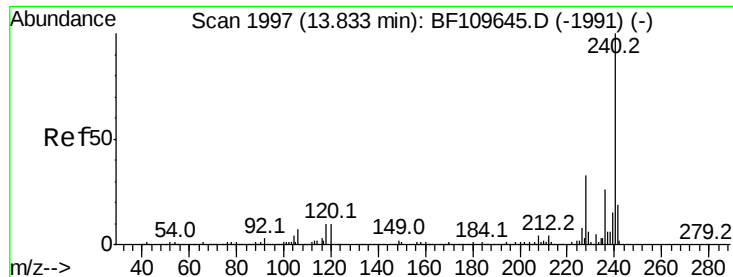
Sohil
10/11/2018 2:02:37 PM



#74
Fluoranthene
Concen: 46.074 ng
RT: 12.41 min Scan# 1755
Delta R.T. -0.00 min
Lab File: BF109745.D
Acq: 10 Oct 2018 16:32

Tgt Ion	Ratio	Resp	Lower	Upper
202	100			
101	10.7	0.0	31.4	
203	18.2	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: BF109745.D

Acq: 10 Oct 2018 16:32

Instrument :

BNA_F

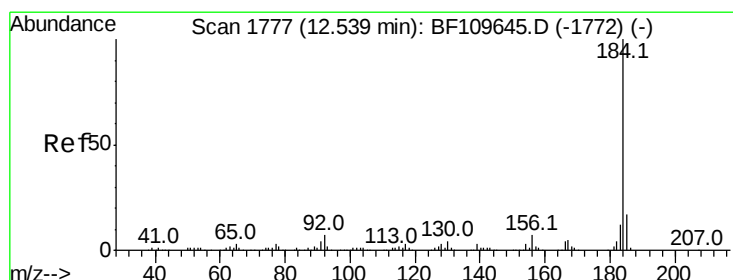
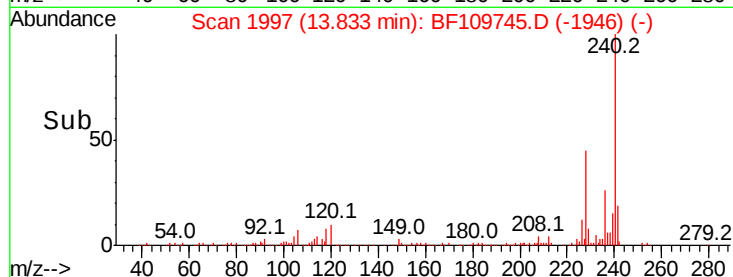
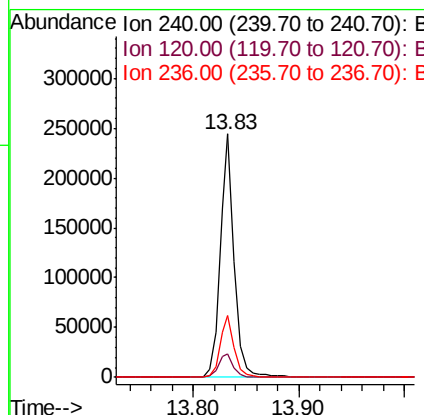
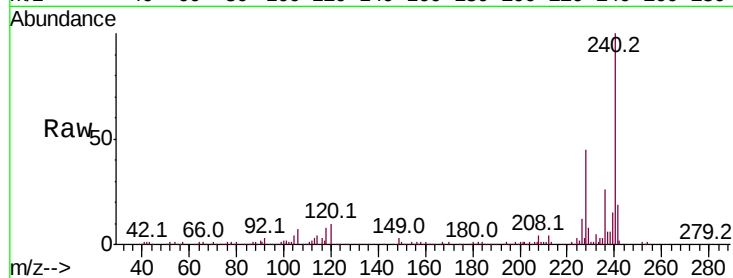
ClientSampleId :

SB-TW-3-(16.5-17)MSD

Tot Ion:	240	Resp:	227009
Ion Ratio	Lower	Upper	
240	100		
120	9.6	8.3	12.5
236	25.6	21.2	31.8

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#76

Benzidine

Concen: 52.271 ng

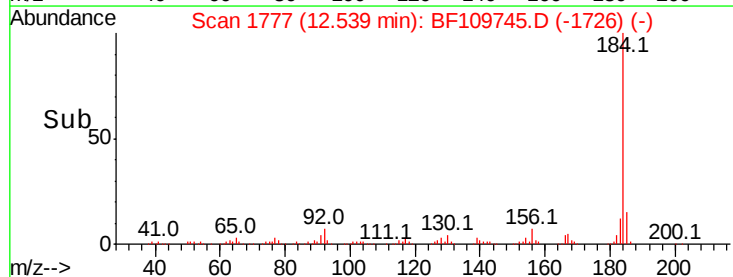
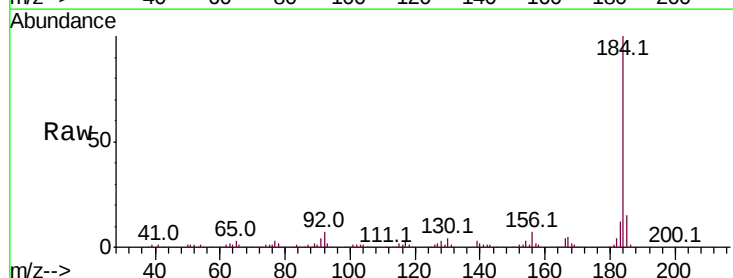
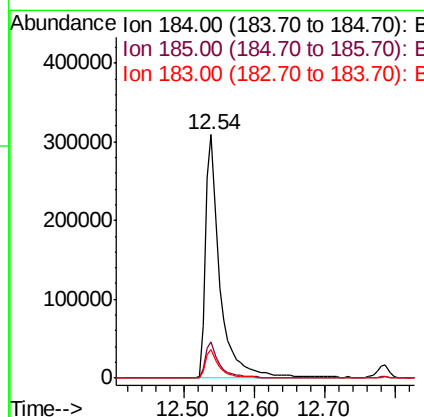
RT: 12.54 min Scan# 1777

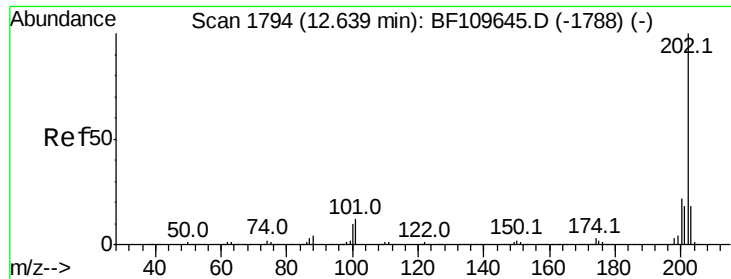
Delta R.T. -0.00 min

Lab File: BF109745.D

Acq: 10 Oct 2018 16:32

Tgt Ion:	184	Resp:	440798
Ion Ratio	Lower	Upper	
184	100		
185	15.0	13.4	20.2
183	11.7	9.4	14.2





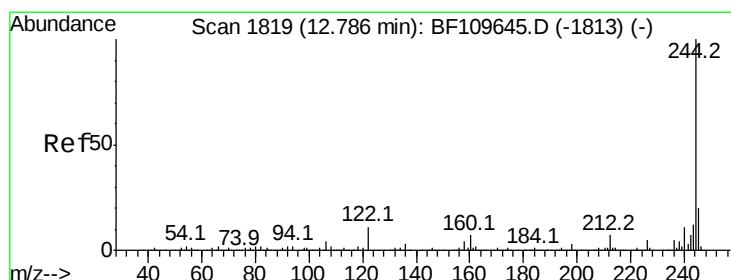
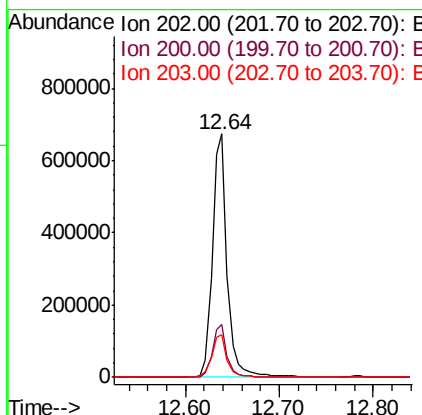
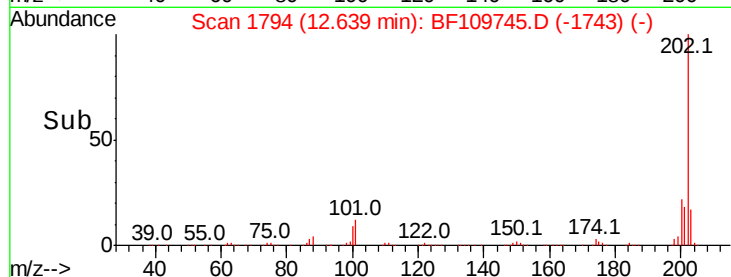
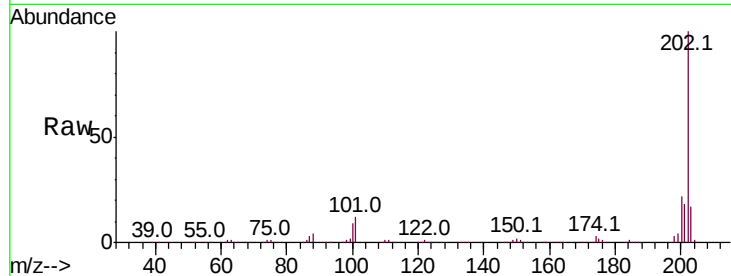
#77
Pvrene
Concen: 44.717 ng
RT: 12.64 min Scan# 1794
Delta R.T. -0.00 min
Lab File: BF109745.D
Acq: 10 Oct 2018 16:32

Instrument :
BNA_F
ClientSampleId :
SB-TW-3-(16.5-17)MSD

Tot Ion	Ratio	Lower	Upper
202	100		
200	21.9	17.8	26.6
203	17.4	14.2	21.4

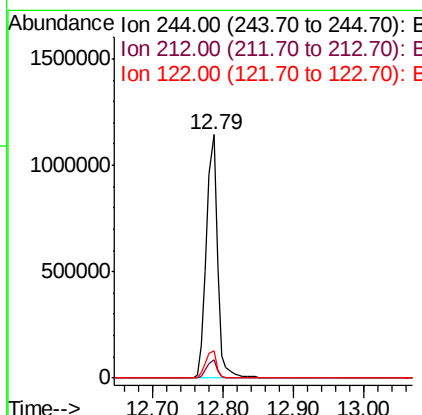
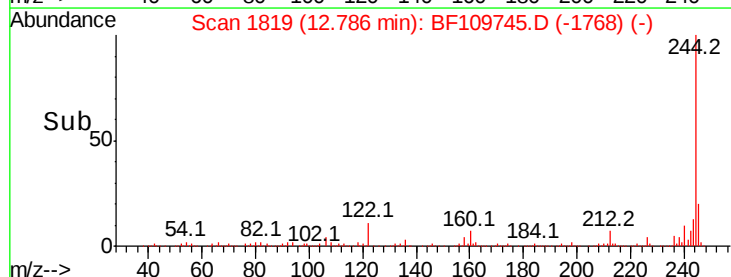
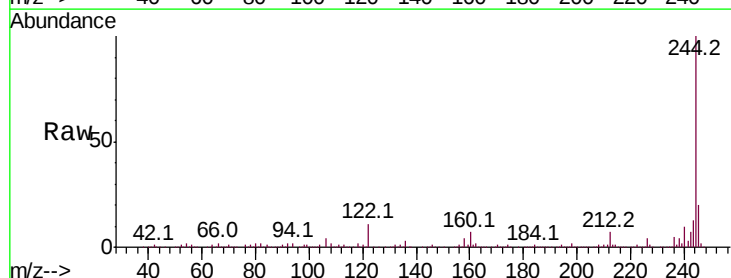
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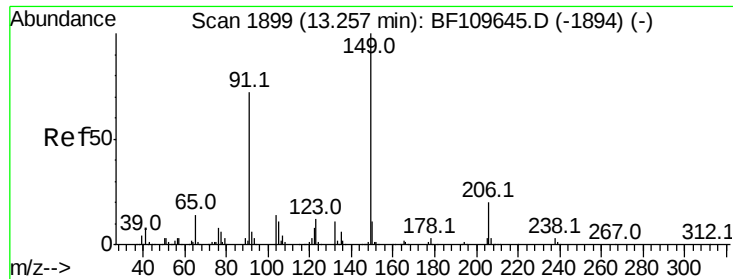
Sohil
10/11/2018 2:02:37 PM



#78
Terphenyl-d14
Concen: 107.711 ng
RT: 12.79 min Scan# 1819
Delta R.T. 0.00 min
Lab File: BF109745.D
Acq: 10 Oct 2018 16:32

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.3	5.8	8.8
122	11.4	8.7	13.1





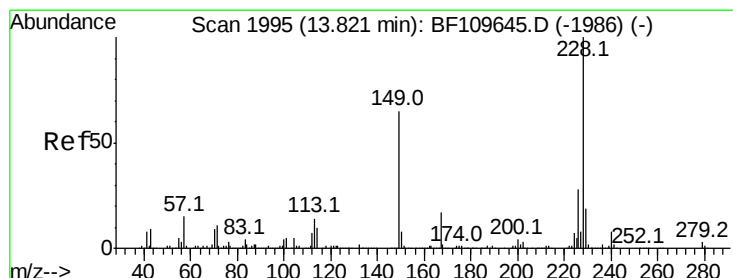
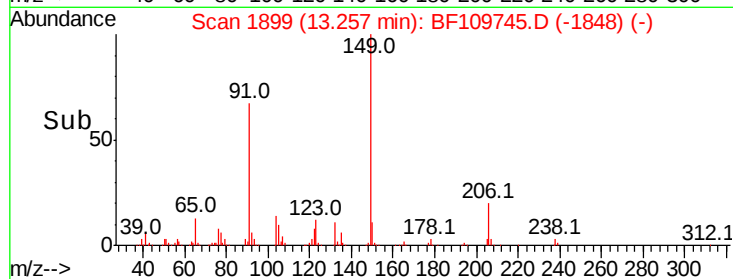
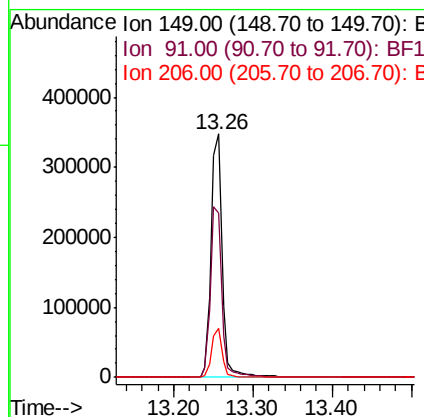
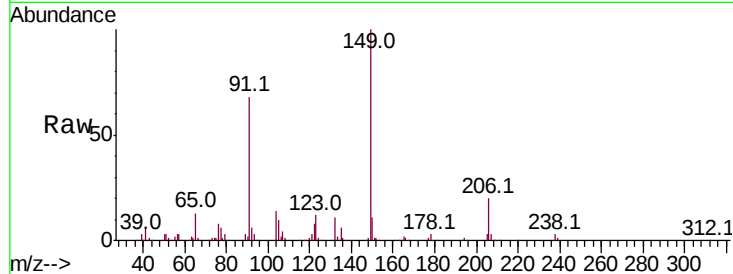
#79
Butylbenzylphthalate
Concen: 47.322 ng
RT: 13.26 min Scan# 1899
Delta R.T. -0.00 min
Lab File: BF109745.D
Acq: 10 Oct 2018 16:32

Instrument :
BNA_F
ClientSampleId :
SB-TW-3-(16.5-17)MSD

Tot Ion	Ratio	Lower	Upper
149	100		
91	67.6	57.2	85.8
206	20.0	15.7	23.5

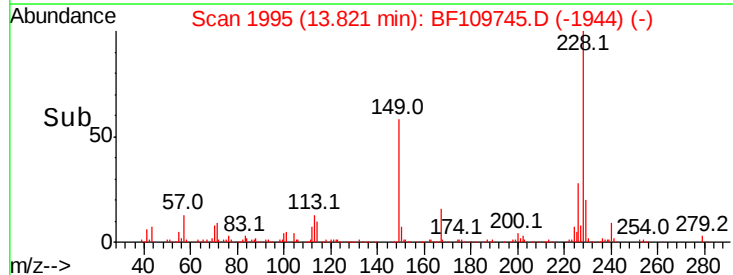
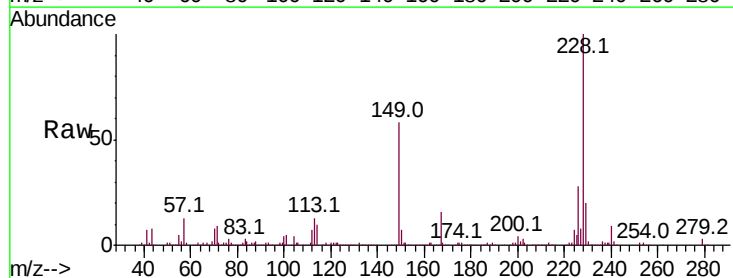
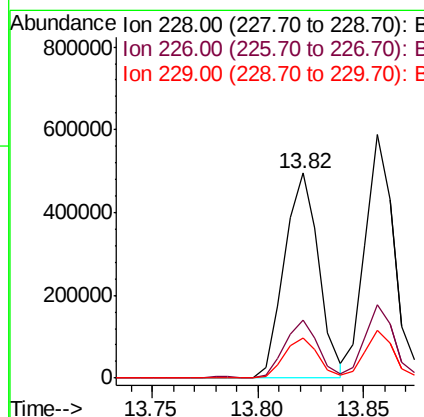
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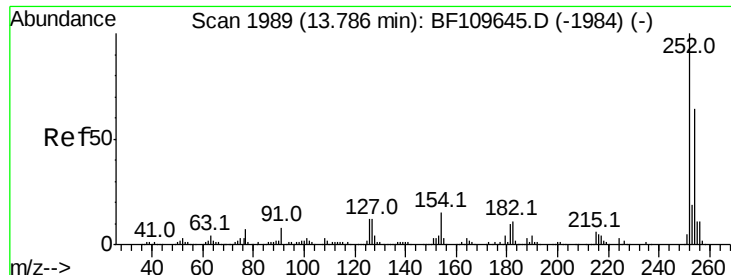
Sohil
10/11/2018 2:02:37 PM



#80
Benzo(a)anthracene
Concen: 44.939 ng
RT: 13.82 min Scan# 1995
Delta R.T. -0.00 min
Lab File: BF109745.D
Acq: 10 Oct 2018 16:32

Tgt Ion	Ratio	Lower	Upper
228	100		
226	28.4	22.1	33.1
229	19.6	15.6	23.4





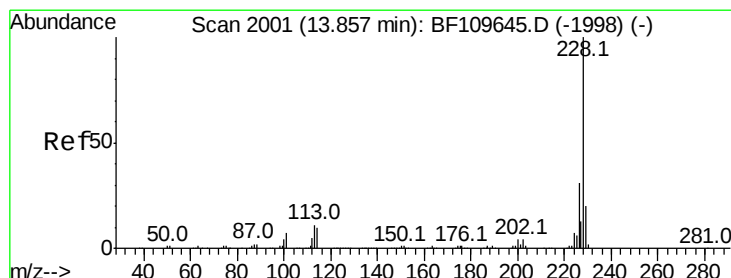
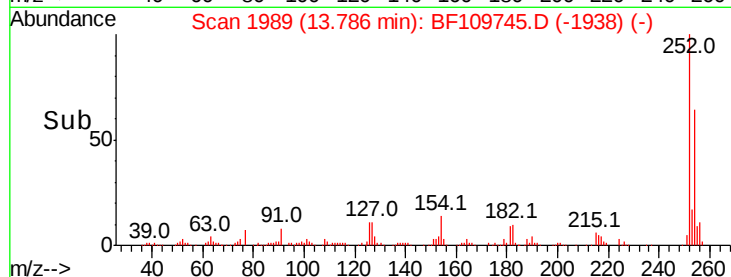
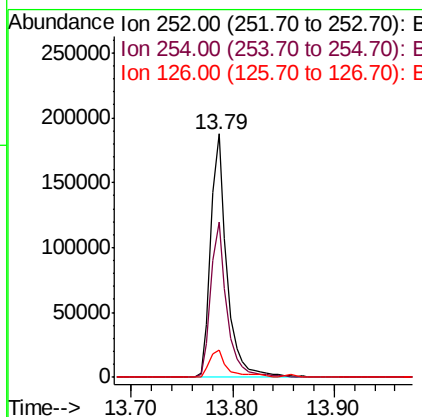
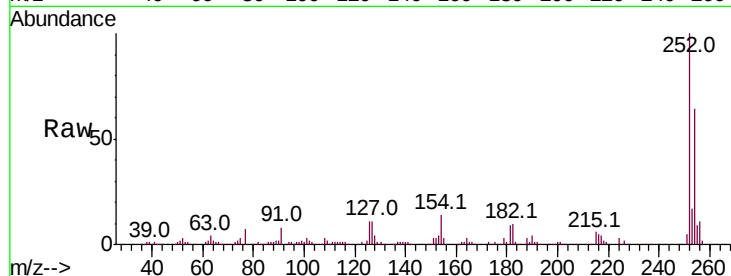
#81
 3,3'-Dichlorobenzidine
 Concen: 41.250 ng
 RT: 13.79 min Scan# 1989
 Delta R.T. -0.00 min
 Lab File: BF109745.D
 Acq: 10 Oct 2018 16:32

Instrument :
 BNA_F
 ClientSampleId :
 SB-TW-3-(16.5-17)MSD

Tot Ion	Ratio	Resp	Lower	Upper
252	100	208071		
254	64.0		51.3	76.9
126	11.0		9.4	14.2

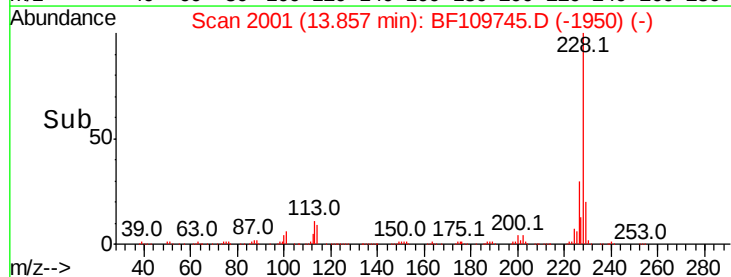
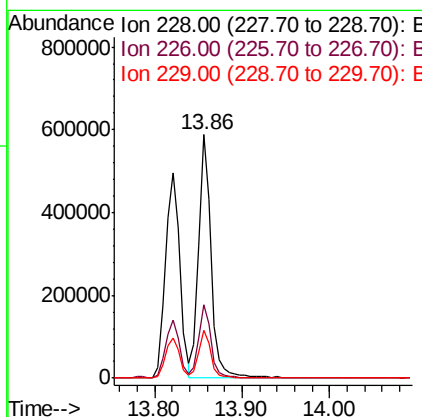
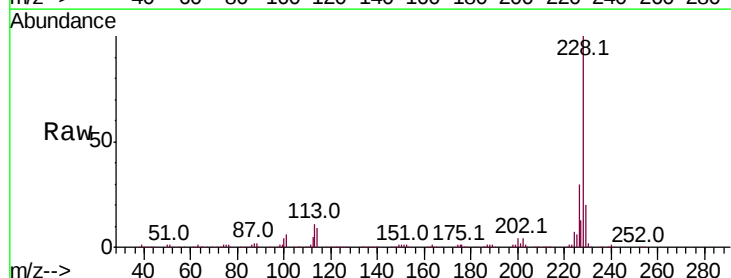
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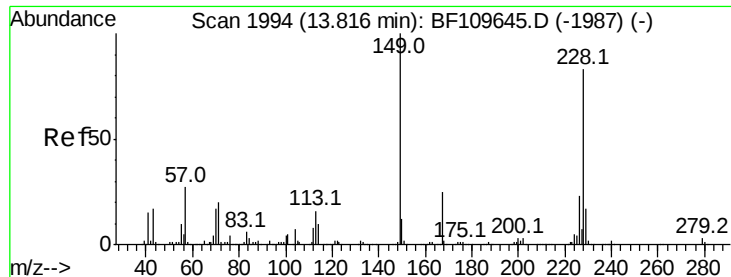
Sohil
 10/11/2018 2:02:37 PM



#82
 Chrysene
 Concen: 44.877 ng
 RT: 13.86 min Scan# 2001
 Delta R.T. -0.00 min
 Lab File: BF109745.D
 Acq: 10 Oct 2018 16:32

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	590505		
226	30.4		24.7	37.1
229	19.8		15.9	23.9





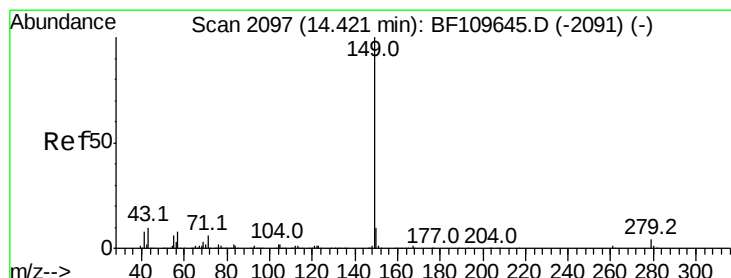
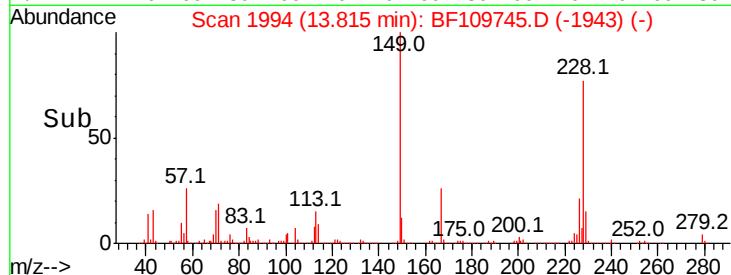
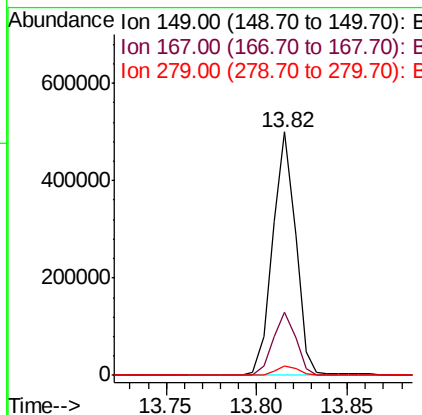
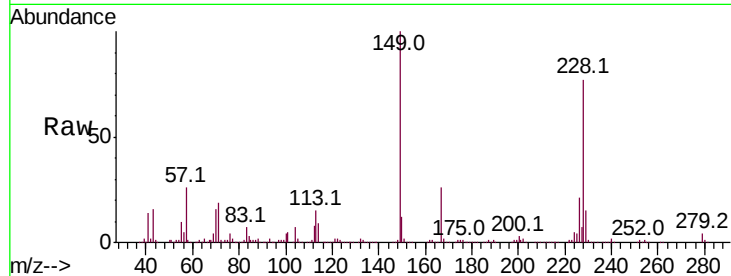
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 50.277 ng
 RT: 13.82 min Scan# 1994
 Delta R.T. -0.00 min
 Lab File: BF109745.D
 Acq: 10 Oct 2018 16:32

Instrument :
 BNA_F
 ClientSampleId :
 SB-TW-3-(16.5-17)MSD

Tot Ion	Ratio	Lower	Upper
149	100		
167	25.7	19.8	29.8
279	3.6	2.7	4.1

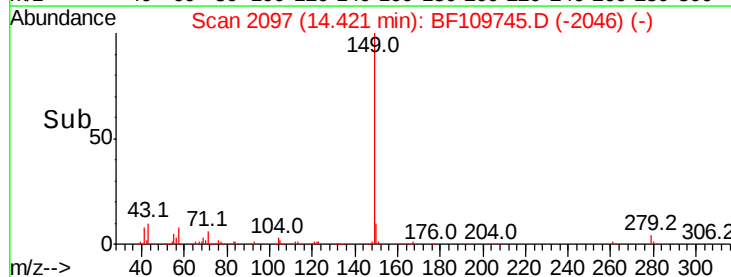
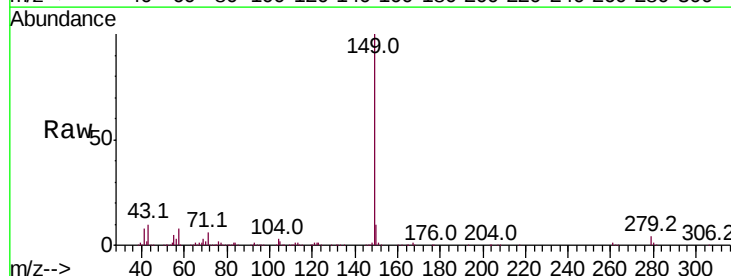
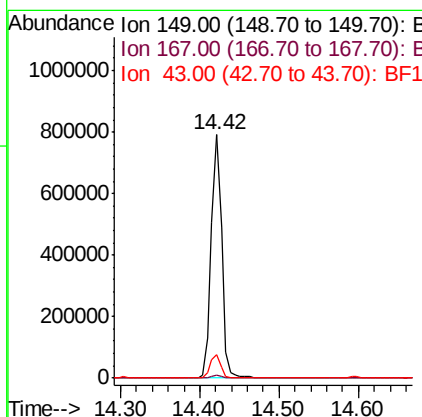
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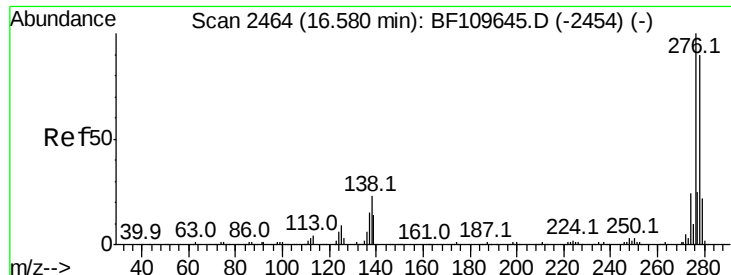
Sohil
 10/11/2018 2:02:37 PM



#84
 Di-n-octyl phthalate
 Concen: 52.711 ng
 RT: 14.42 min Scan# 2097
 Delta R.T. -0.00 min
 Lab File: BF109745.D
 Acq: 10 Oct 2018 16:32

Tgt Ion	Ratio	Lower	Upper
149	100		
167	1.4	1.1	1.7
43	9.6	7.8	11.8





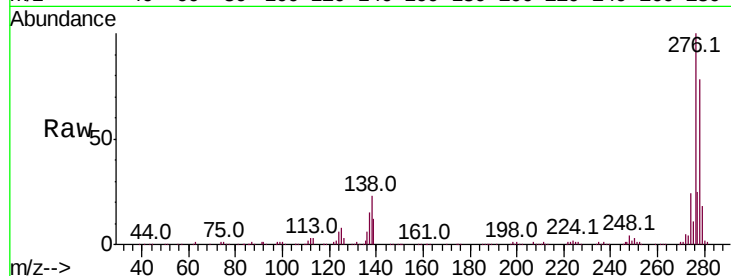
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 57.638 ng
 RT: 16.58 min Scan# 2464
 Delta R.T. -0.00 min
 Lab File: BF109745.D
 Acq: 10 Oct 2018 16:32

Instrument :
 BNA_F
 ClientSampleId :
 SB-TW-3-(16.5-17)MSD

Tot Ion	Ratio	Lower	Upper
276	100		
138	23.0	18.5	27.7
277	24.7	20.0	30.0

Manual Integrations
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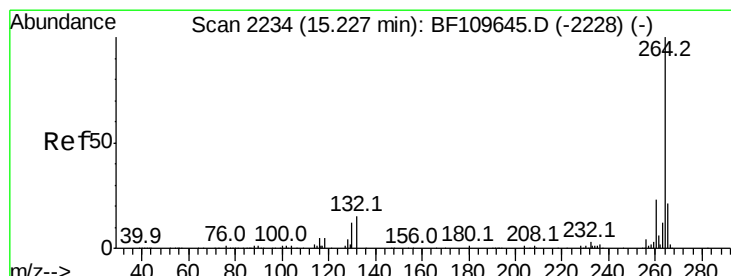
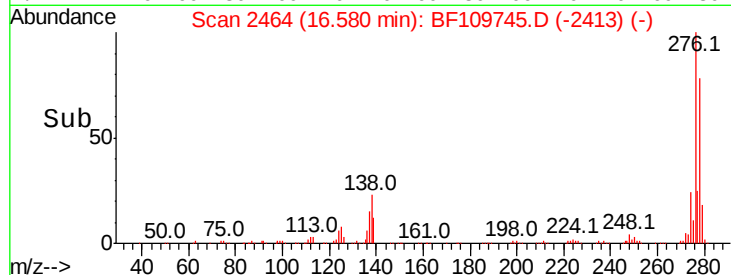
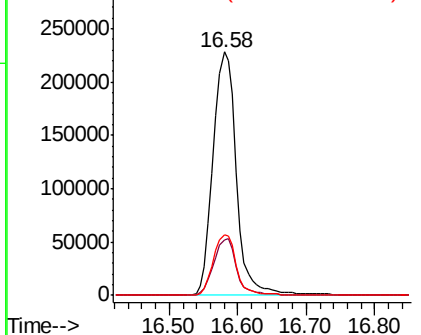


Abundance

Ion 276.00 (275.70 to 276.70): E

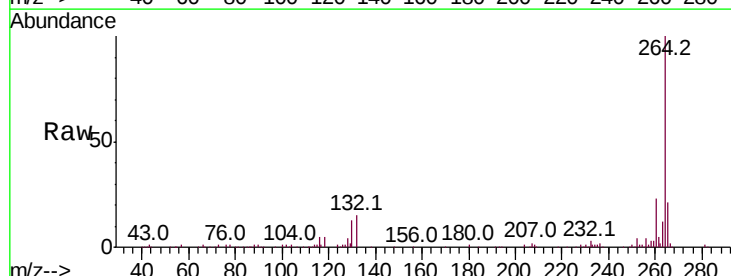
Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.23 min Scan# 2234
 Delta R.T. -0.00 min
 Lab File: BF109745.D
 Acq: 10 Oct 2018 16:32

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.3	18.7	28.1
265	21.4	16.7	25.1

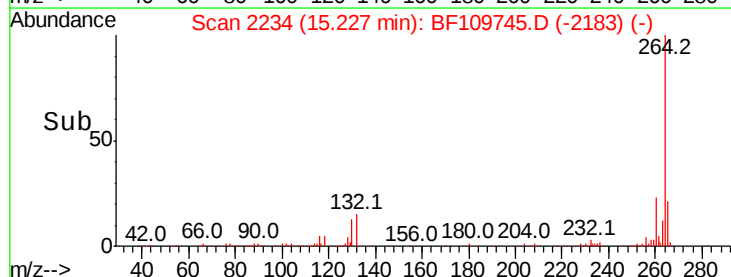
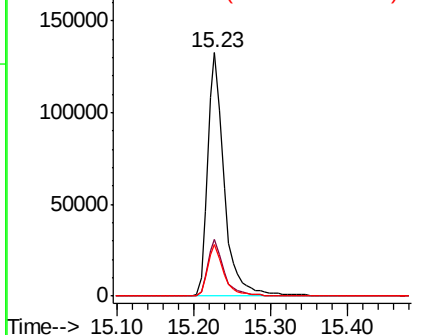


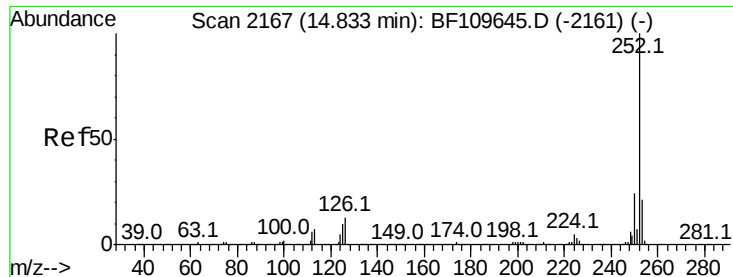
Abundance

Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





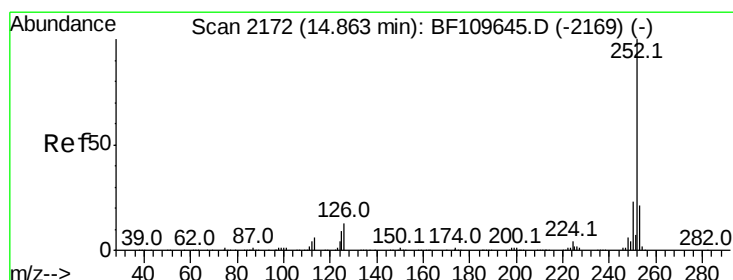
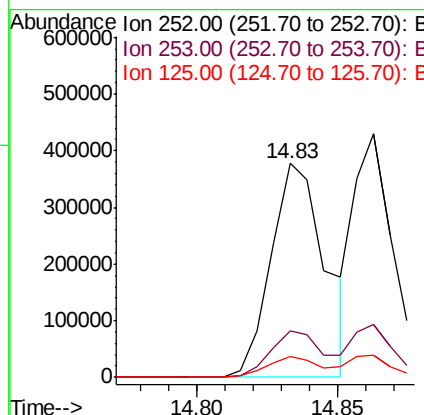
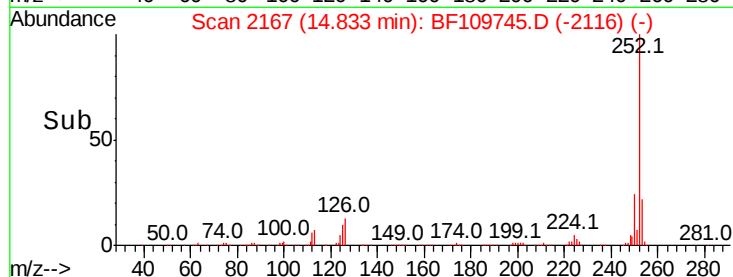
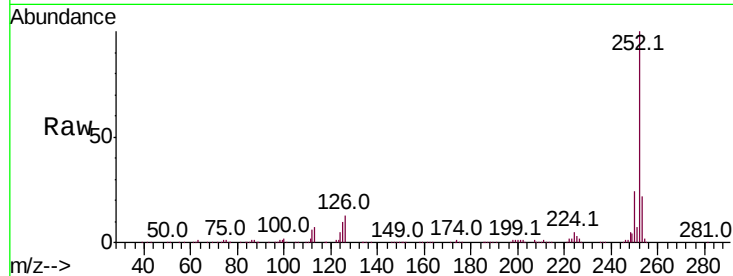
#87
Benzo(b)fluoranthene
Concen: 46.612 ng
RT: 14.83 min Scan# 2167
Delta R.T. -0.00 min
Lab File: BF109745.D
Acq: 10 Oct 2018 16:32

Instrument :
BNA_F
ClientSampleId :
SB-TW-3-(16.5-17)MSD

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.8	17.2	25.8
125	9.7	8.2	12.4

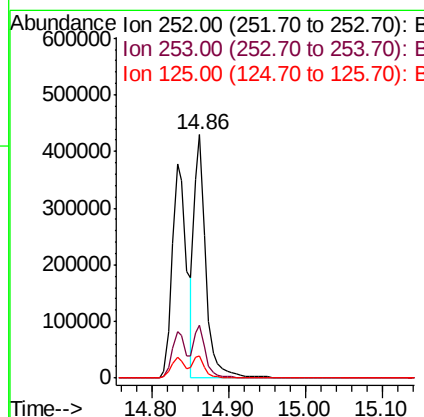
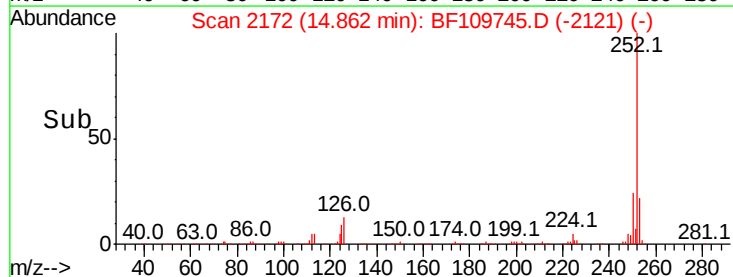
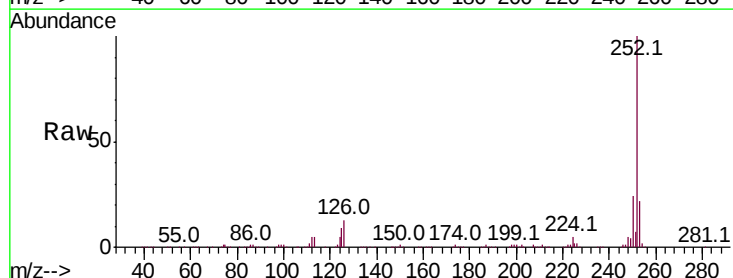
Manual Integrations
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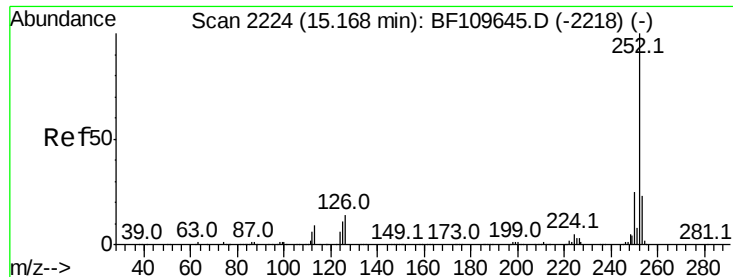
Sohil
10/11/2018 2:02:37 PM



#88
Benzo(k)fluoranthene
Concen: 41.584 ng
RT: 14.86 min Scan# 2172
Delta R.T. -0.00 min
Lab File: BF109745.D
Acq: 10 Oct 2018 16:32

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.9	17.2	25.8
125	9.2	7.4	11.0





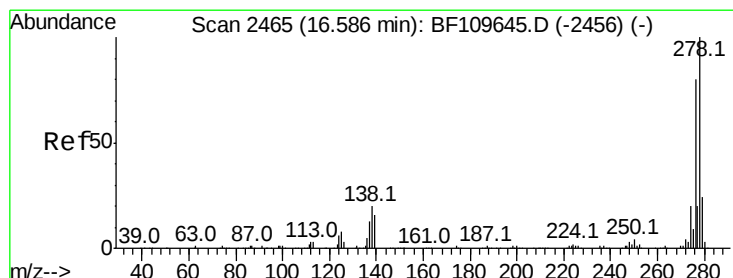
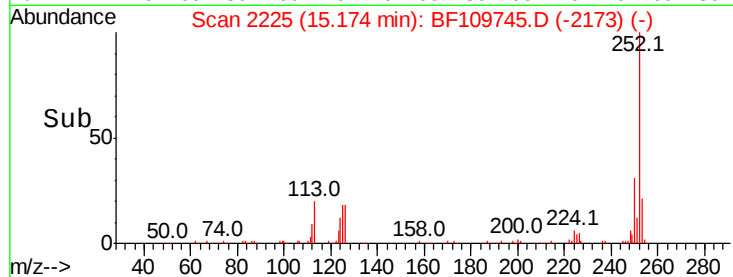
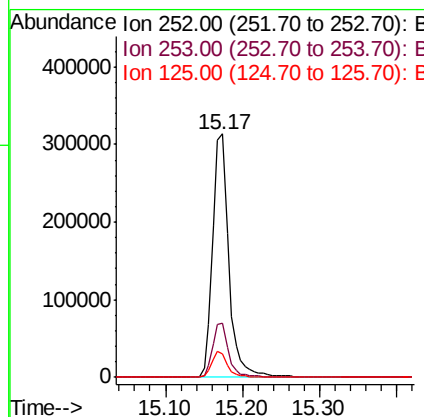
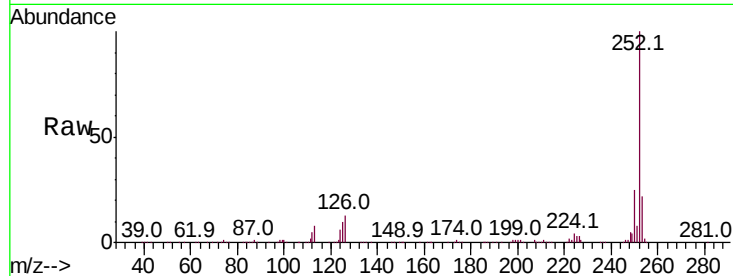
#89
Benzo(a)pyrene
Concen: 46.295 ng
RT: 15.17 min Scan# 2225
Delta R.T. 0.01 min
Lab File: BF109745.D
Acq: 10 Oct 2018 16:32

Instrument :
BNA_F
ClientSampleId :
SB-TW-3-(16.5-17)MSD

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.0	18.2	27.4
125	9.8	9.0	13.6

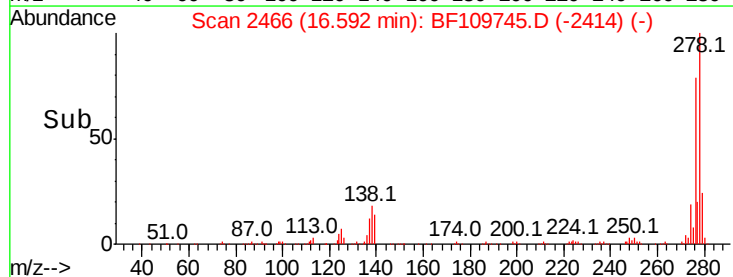
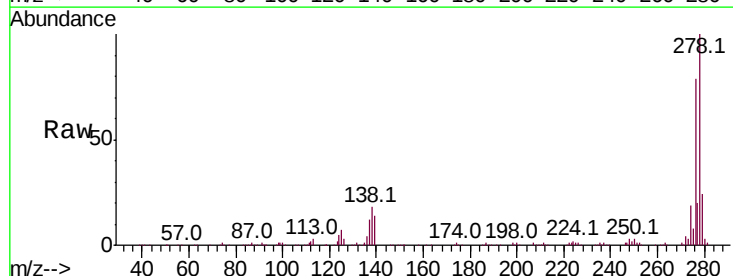
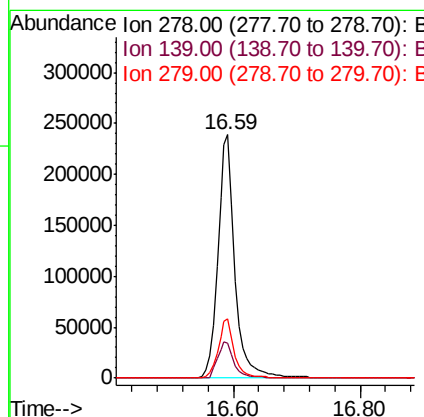
Manual Integrations
APPROVED

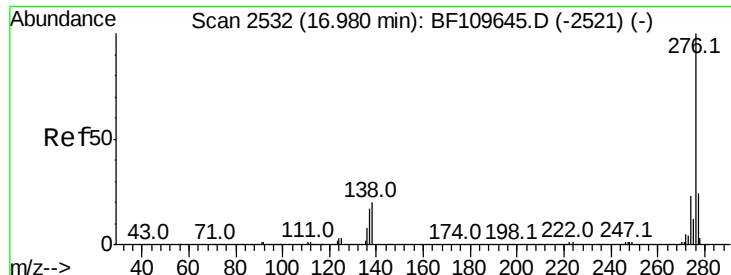
Sohil
10/11/2018 2:02:37 PM



#90
Dibenzo(a,h)anthracene
Concen: 56.197 ng
RT: 16.59 min Scan# 2466
Delta R.T. 0.01 min
Lab File: BF109745.D
Acq: 10 Oct 2018 16:32

Tgt Ion	Ratio	Lower	Upper
278	100		
139	14.3	12.7	19.1
279	24.2	19.0	28.4





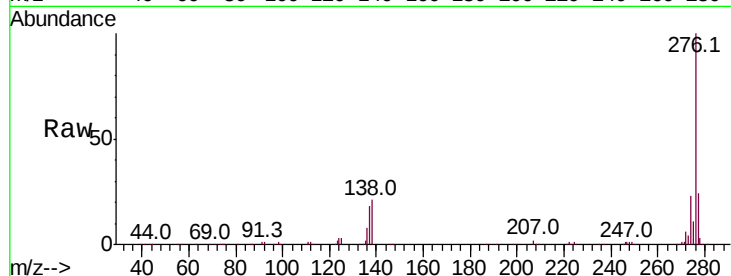
#91
 Benzo(a,h,i)perylene
 Concen: 58.378 ng
 RT: 16.98 min Scan# 2532
 Delta R.T. -0.00 min
 Lab File: BF109745.D
 Acq: 10 Oct 2018 16:32

Instrument :
 BNA_F
 ClientSampleId :
 SB-TW-3-(16.5-17)MSD

Tot Ion	Ratio	Lower	Upper
276	100		
277	23.7	18.8	28.2
138	20.9	16.0	24.0

Manual Integrations
 APPROVED

Sohil
 10/11/2018 2:02:37 PM



Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

