

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF101018\
 Data File : BF109781.D
 Acq On : 11 Oct 2018 9:58
 Operator : JU/SJ
 Sample : PB113623BS
 Misc :
 ALS Vial : 43 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB113623BS

Manual Integrations
 APPROVED

Sohil
 10/11/2018 2:03:07 PM

Quant Time: Oct 11 11:27:20 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	93184	20.00	ng	0.00
21) Naphthalene-d8	7.97	136	371527	20.00	ng	0.00
38) Acenaphthene-d10	9.73	164	180420	20.00	ng	0.00
63) Phenanthrene-d10	11.20	188	337574	20.00	ng	0.00
75) Chrysene-d12	13.83	240	228741	20.00	ng	0.00
86) Perylene-d12	15.23	264	221255	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.32	112	505574	96.31	ng	0.00
7) Phenol-d6	6.35	99	664058	94.69	ng	0.00
23) Nitrobenzene-d5	7.26	82	646343	95.90	ng	0.00
41) 2,4,6-Tribromophenol	10.52	330	187527	95.39	ng	0.00
44) 2-Fluorobiphenyl	9.06	172	1205576	92.03	ng	0.00
78) Terphenyl-d14	12.79	244	1118691	94.67	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.41	88	90492	32.844	ng	95
3) Pyridine	3.12	79	215955	37.992	ng	98
4) n-Nitrosodimethylamine	3.06	42	105086	51.219	ng	96
6) Aniline	6.37	93	209158	25.602	ng	# 49
8) 2-Chlorophenol	6.49	128	310909	48.155	ng	98
9) Benzaldehyde	6.24	77	142316	31.536	ng	100
10) Phenol	6.36	94	347674	43.234	ng	83
11) bis(2-Chloroethyl)ether	6.43	93	256752	38.511	ng	98
12) 1,3-Dichlorobenzene	6.63	146	317994	43.062	ng	98
13) 1,4-Dichlorobenzene	6.71	146	344350	42.779	ng	98
14) 1,2-Dichlorobenzene	6.87	146	306410	43.344	ng	98
15) Benzyl Alcohol	6.85	79	245889	47.294	ng	98
16) 2,2'-oxybis(1-Chloropropan	6.97	45	383983	43.436	ng	87
17) 2-Methylphenol	6.97	107	237961	46.607	ng	97
18) Hexachloroethane	7.20	117	120114	42.216	ng	96
19) n-Nitroso-di-n-propylamine	7.12	70	217495	44.224	ng	98
20) 3+4-Methylphenols	7.12	107	297069	47.219	ng	93
22) Acetophenone	7.11	105	442029	49.201	ng	99
24) Nitrobenzene	7.28	77	323121	46.073	ng	98
25) Isophorone	7.52	82	604068	53.973	ng	98
26) 2-Nitrophenol	7.60	139	153138	46.682	ng	98
27) 2,4-Dimethylphenol	7.65	122	264811	55.901	ng	98
28) bis(2-Chloroethoxy)methane	7.73	93	377829	49.909	ng	99
29) 2,4-Dichlorophenol	7.85	162	270578	50.923	ng	98
30) 1,2,4-Trichlorobenzene	7.92	180	268376	45.626	ng	98
31) Naphthalene	8.00	128	900632	52.417	ng	99
32) Benzoic acid	7.80	122	112099	33.098	ng	99
33) 4-Chloroaniline	8.06	127	93746	12.390	ng	97
34) Hexachlorobutadiene	8.12	225	163210	44.626	ng	98
35) Caprolactam	8.44	113	83203m	52.433	ng	
36) 4-Chloro-3-methylphenol	8.56	107	293148	52.265	ng	97
37) 2-Methylnaphthalene	8.69	142	595584	52.918	ng	99
39) 1,2,4,5-Tetrachlorobenzene	8.86	216	282143	45.940	ng	99
40) Hexachlorocyclopentadiene	8.85	237	140302	54.678	ng	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	8.97	196	175539	47.813	nq	99
43) 2,4,5-Trichlorophenol	9.02	196	202465	47.962	nq	100
45) 1,1'-Biphenyl	9.15	154	741494	46.005	nq	99
46) 2-Chloronaphthalene	9.18	162	564123	46.717	nq	99
47) 2-Nitroaniline	9.28	65	185774	50.809	nq	97
48) Acenaphthylene	9.59	152	898989	51.067	nq	99
49) Dimethylphthalate	9.46	163	693386	52.402	nq	99
50) 2,6-Dinitrotoluene	9.52	165	146754	51.164	nq	99
51) Acenaphthene	9.76	154	499375	47.852	nq	98
52) 3-Nitroaniline	9.69	138	79116	24.607	nq	96
53) 2,4-Dinitrophenol	9.80	184	50298	54.352	nq	95
54) Dibenzofuran	9.93	168	750687	47.989	nq	98
55) 4-Nitrophenol	9.87	139	163374	92.831	nq	87
56) 2,4-Dinitrotoluene	9.93	165	182744	51.053	nq	90
57) Fluorene	10.27	166	604915	51.782	nq	99
58) 2,3,4,6-Tetrachlorophenol	10.06	232	168470	49.096	nq	97
59) Diethylphthalate	10.16	149	688165	52.489	nq	99
60) 4-Chlorophenyl-phenylether	10.27	204	291912	47.366	nq	95
61) 4-Nitroaniline	10.31	138	139105	46.717	nq	99
62) Azobenzene	10.43	77	680281	51.097	nq	99
64) 4,6-Dinitro-2-methylphenol	10.34	198	50261	30.590	nq	94
65) n-Nitrosodiphenylamine	10.39	169	571854	49.970	nq	99
66) 4-Bromophenyl-phenylether	10.75	248	188962	48.717	nq	93
67) Hexachlorobenzene	10.82	284	197472	47.016	nq	# 90
68) Atrazine	10.92	200	194860	54.561	nq	99
69) Pentachlorophenol	11.02	266	173704	73.497	nq	98
70) Phenanthrene	11.23	178	864205	51.156	nq	99
71) Anthracene	11.28	178	933573	53.459	nq	99
72) Carbazole	11.44	167	813714	48.043	nq	99
73) Di-n-butylphthalate	11.77	149	1062626	54.093	nq	99
74) Fluoranthene	12.41	202	878015	49.750	nq	99
76) Benzidine	12.54	184	341337	40.170	nq	96
77) Pyrene	12.64	202	845666	50.460	nq	99
79) Butylbenzylphthalate	13.26	149	410622	56.513	nq	99
80) Benzo(a)anthracene	13.82	228	648986	51.414	nq	100
81) 3,3'-Dichlorobenzidine	13.79	252	153853	30.270	nq	99
82) Chrysene	13.86	228	704561	53.139	nq	100
83) Bis(2-ethylhexyl)phthalate	13.82	149	519603	58.615	nq	100
84) Di-n-octyl phthalate	14.42	149	880926	62.870	nq	100
85) Indeno(1,2,3-cd)pyrene	16.59	276	575070	60.596	nq	100
87) Benzo(b)fluoranthene	14.84	252	620860	50.778	nq	98
88) Benzo(k)fluoranthene	14.87	252	650012	52.911	nq	99
89) Benzo(a)pyrene	15.17	252	591849	53.341	nq	99
90) Dibenzo(a,h)anthracene	16.59	278	482626	52.962	nq	98
91) Benzo(g,h,i)perylene	16.99	276	465409	51.145	nq	99

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

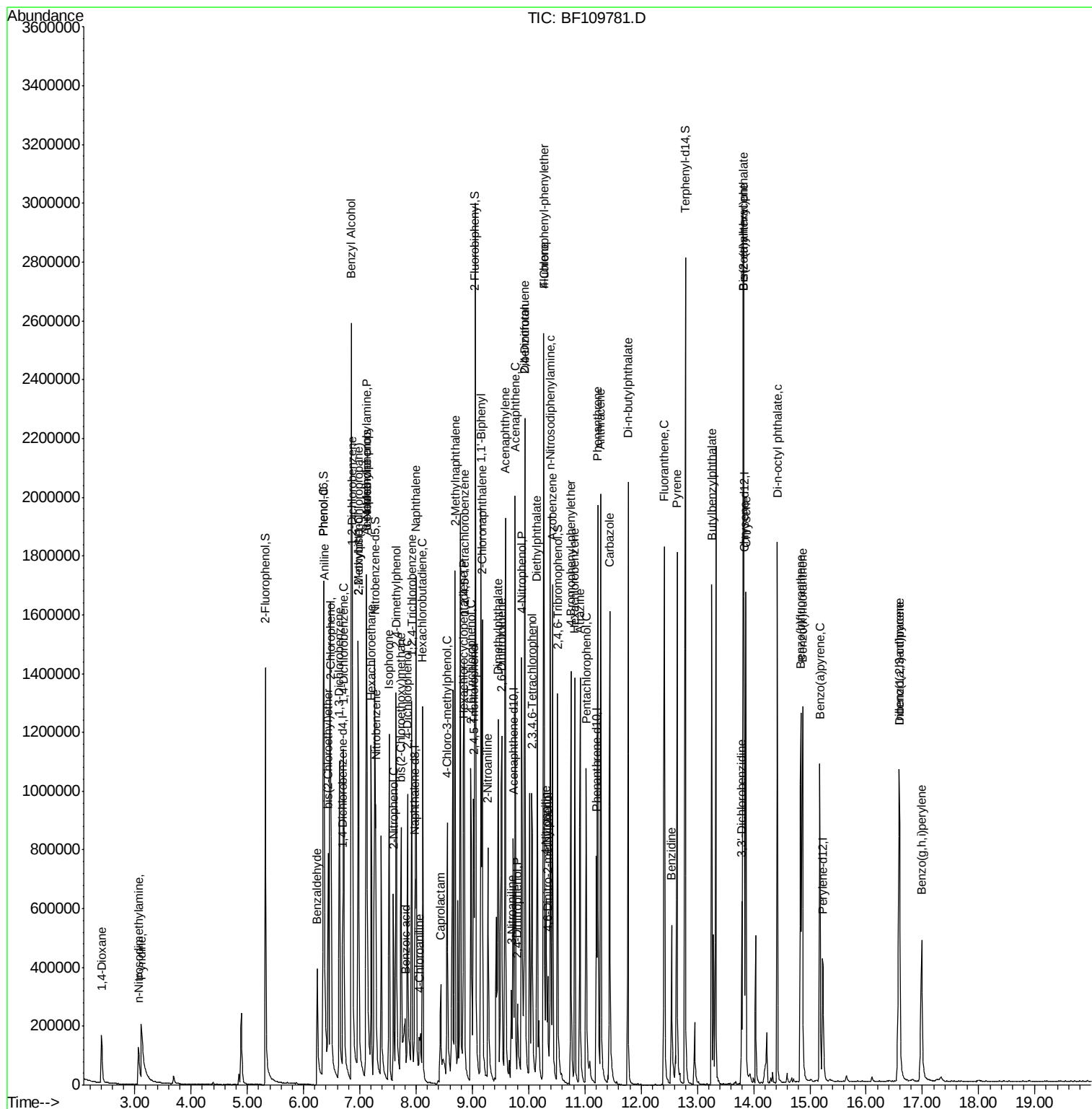
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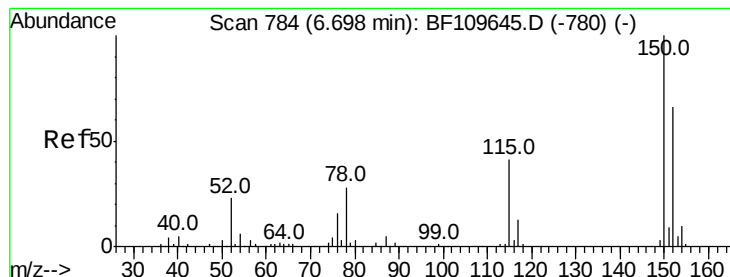
Instrument :
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#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 6.70 min Scan# 784

Delta R.T. -0.00 min

Lab File: BF109781.D

Acq: 11 Oct 2018 9:58

Instrument :

BNA_F

ClientSampleId :

PB113623BS

Tot Ion:152 Resp: 93184

Ion Ratio Lower Upper

152 100

150 158.7 122.7 184.1

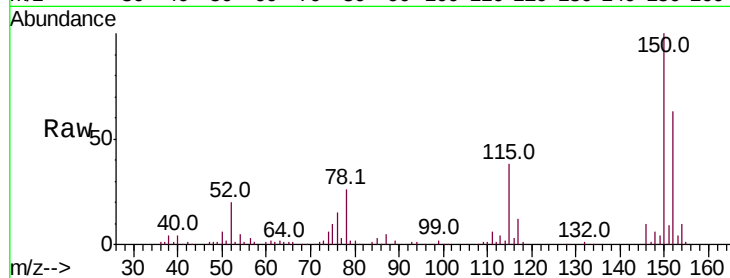
115 60.7 49.1 73.7

Manual Integrations

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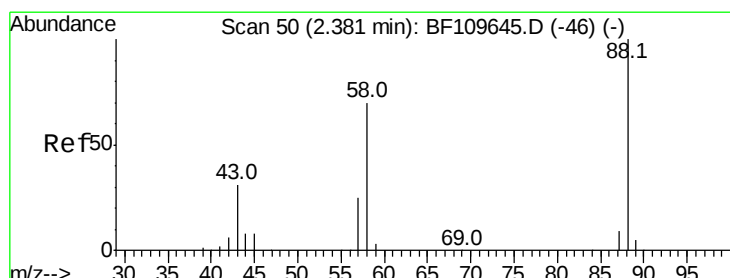
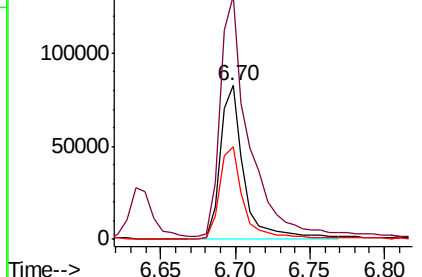
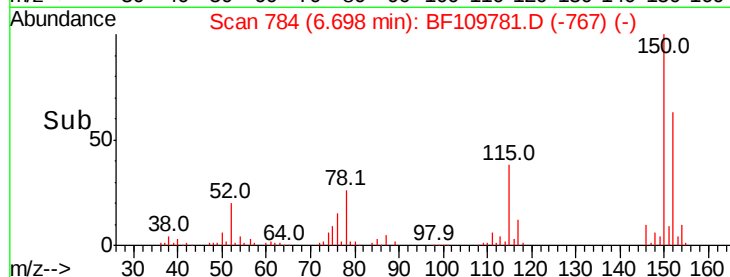
10/11/2018 2:03:07 PM



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: 32.844 ng

RT: 2.41 min Scan# 55

Delta R.T. 0.03 min

Lab File: BF109781.D

Acq: 11 Oct 2018 9:58

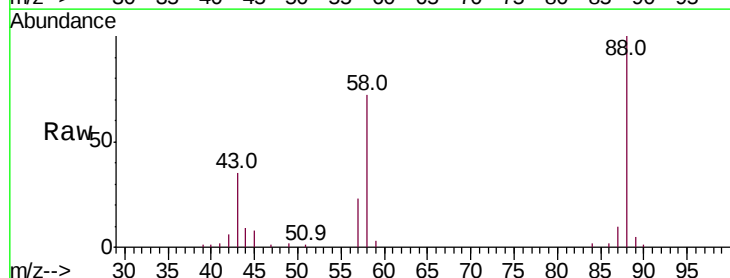
Tgt Ion: 88 Resp: 90492

Ion Ratio Lower Upper

88 100

58 66.8 57.1 85.7

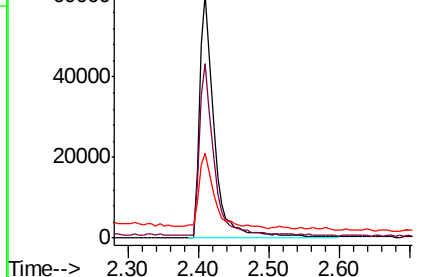
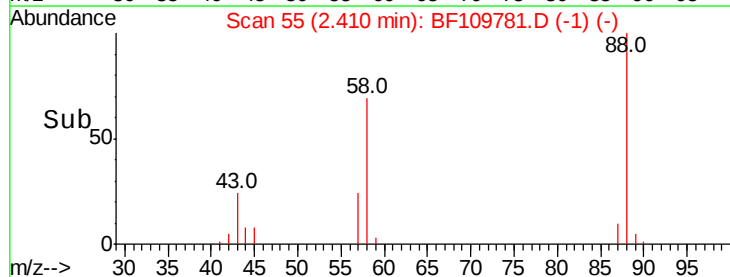
43 31.6 24.1 36.1

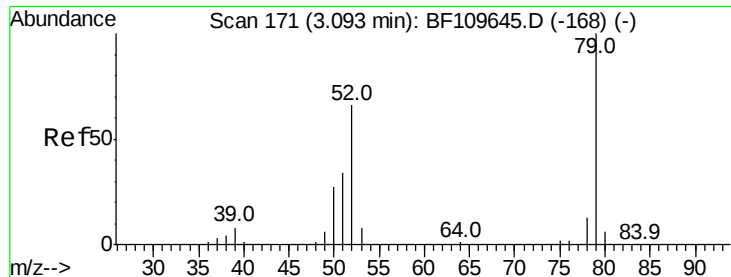


Abundance Ion 88.00 (87.70 to 88.70): BF1

Ion 58.00 (57.70 to 58.70): BF1

Ion 43.00 (42.70 to 43.70): BF1





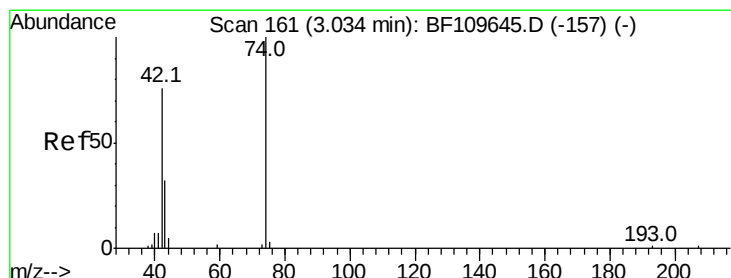
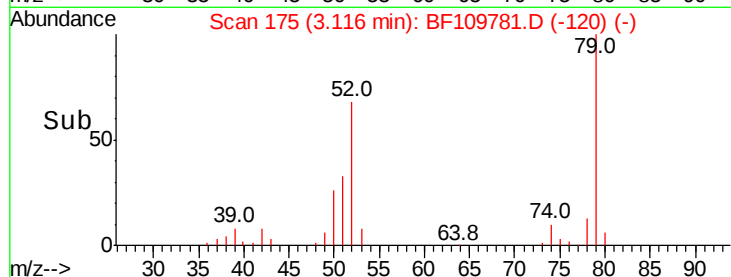
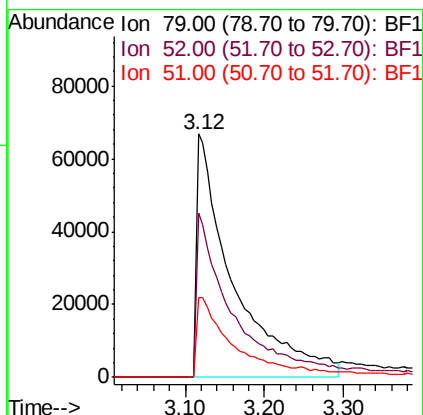
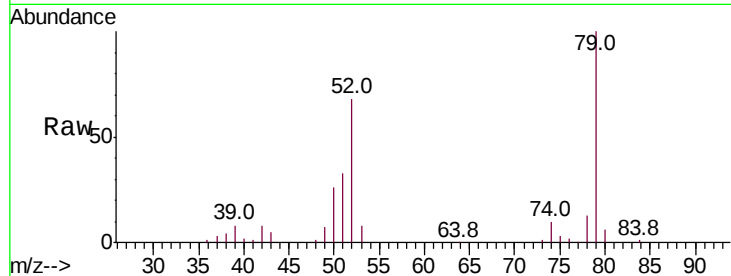
#3
 Pvridine
 Concen: 37.992 ng
 RT: 3.12 min Scan# 175
 Delta R.T. 0.02 min
 Lab File: BF109781.D
 Acq: 11 Oct 2018 9:58

Instrument :
 BNA_F
 ClientSampleId :
 PB113623BS

Tot Ion	Ratio	Lower	Upper
79	100		
52	67.6	53.1	79.7
51	32.8	27.4	41.2

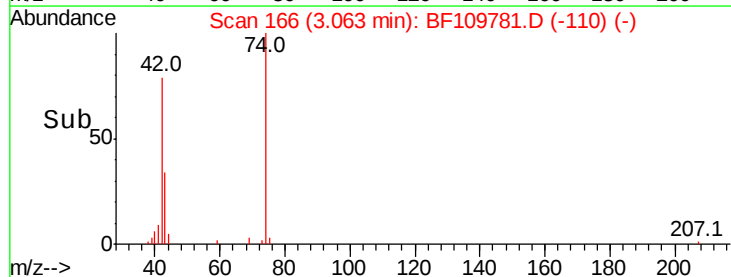
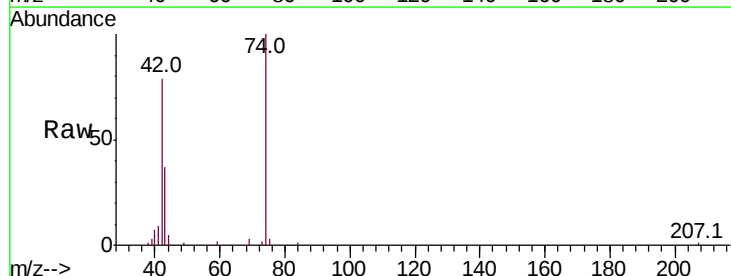
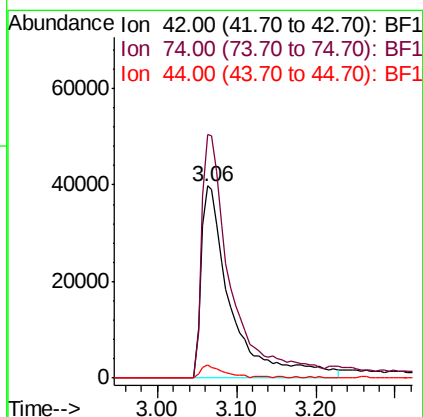
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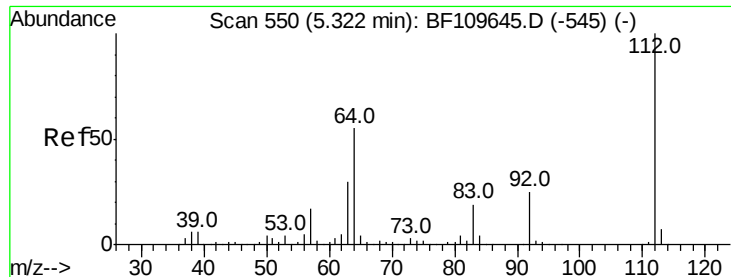
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#4
 n-Nitrosodimethylamine
 Concen: 51.219 ng
 RT: 3.06 min Scan# 166
 Delta R.T. 0.03 min
 Lab File: BF109781.D
 Acq: 11 Oct 2018 9:58

Tgt Ion	Ratio	Lower	Upper
42	100		
74	126.8	105.5	158.3
44	6.7	4.9	7.3





#5

2-Fluorophenol

Concen: 96.305 ng

RT: 5.32 min Scan# 550

Delta R.T. 0.00 min

Lab File: BF109781.D

Acq: 11 Oct 2018 9:58

Instrument :

BNA_F

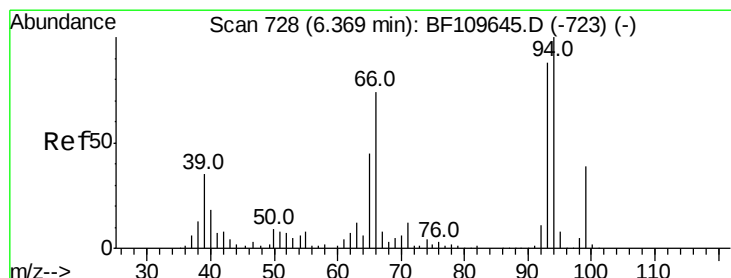
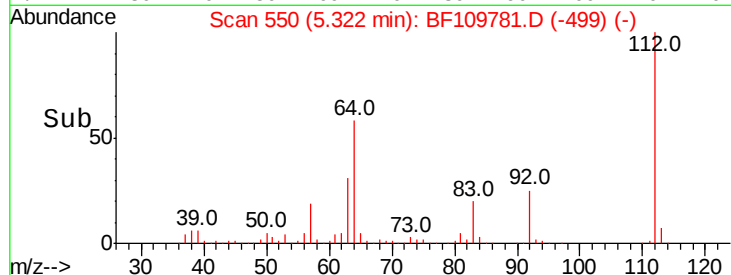
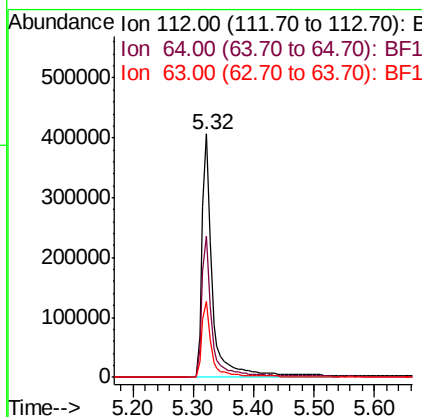
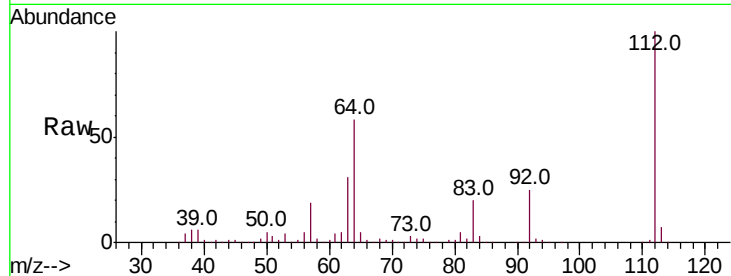
ClientSampled :

PB113623BS

Tot Ion	Ratio	Resp	Lower	Upper
112	100	505574		
64	57.8		44.1	66.1
63	31.3		23.7	35.5

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#6

Aniline

Concen: 25.602 ng

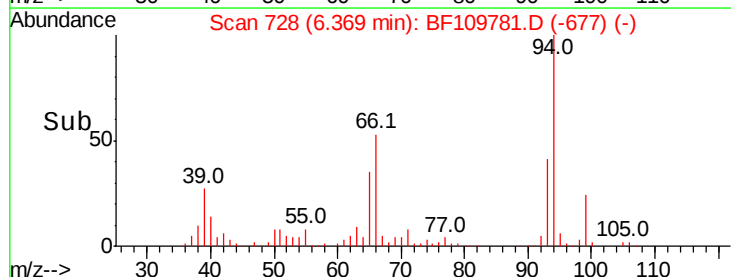
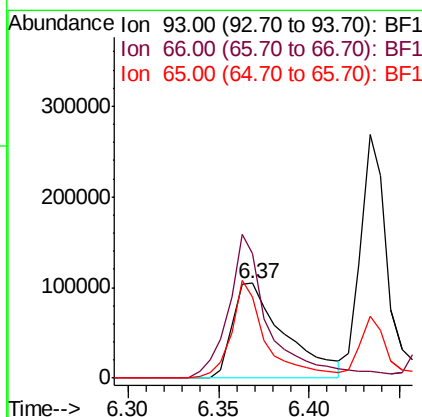
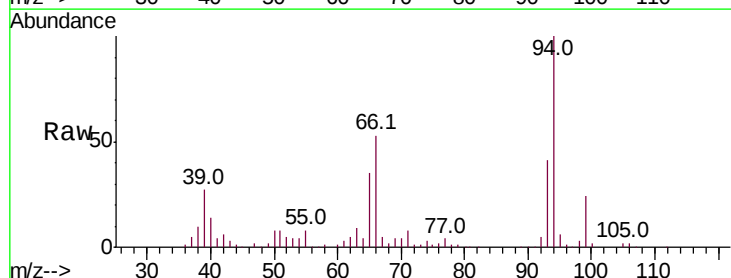
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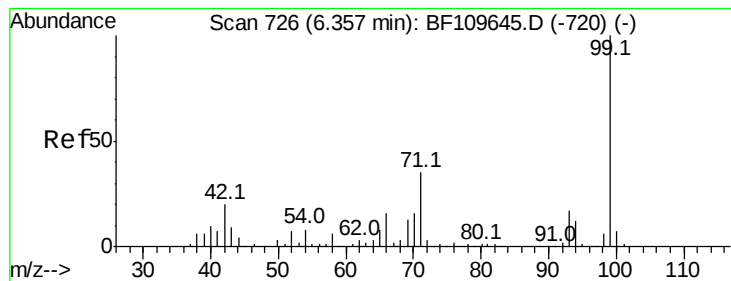
Delta R.T. -0.00 min

Lab File: BF109781.D

Acq: 11 Oct 2018 9:58

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	209158		
66	130.9		67.4	101.0#
65	85.7		41.0	61.4#





#7

Phenol-d6

Concen: 94.689 ng

RT: 6.35 min Scan# 725

Delta R.T. -0.01 min

Lab File: BF109781.D

Acq: 11 Oct 2018 9:58

Instrument :

BNA_F

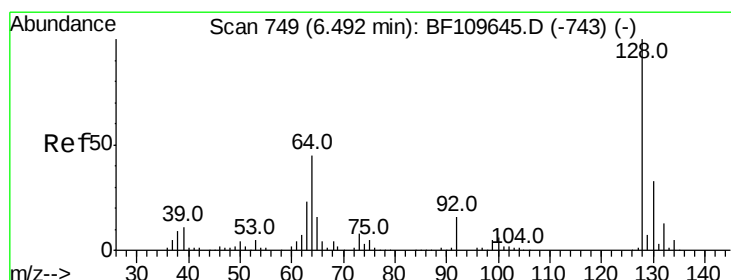
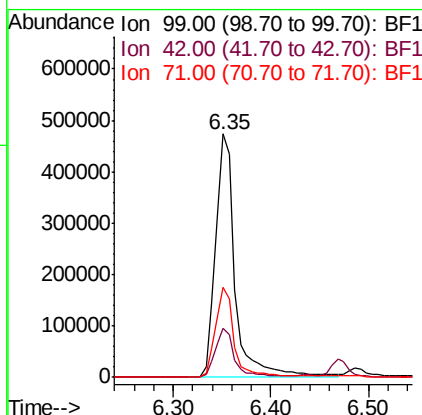
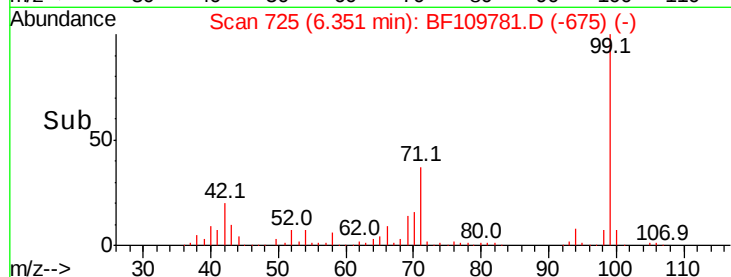
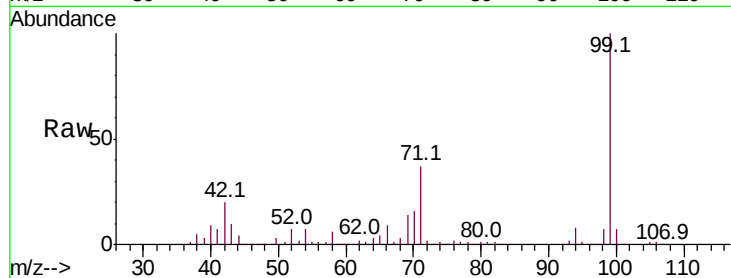
ClientSampleId :

PB113623BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
99	100		664058		
42	20.4	15.8	23.6		
71	36.8	28.0	42.0		

Manual Integrations
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#8

2-Chlorophenol

Concen: 48.155 ng

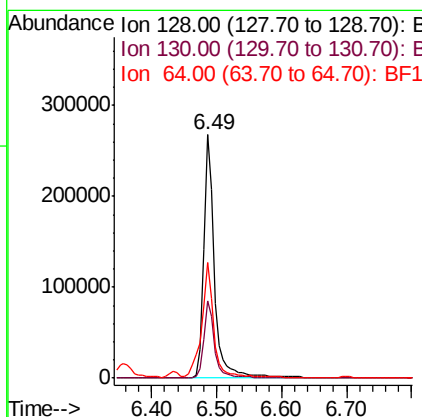
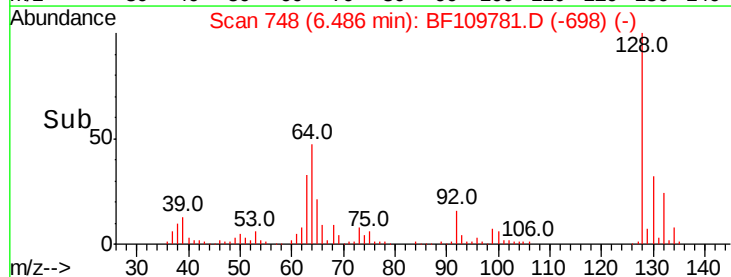
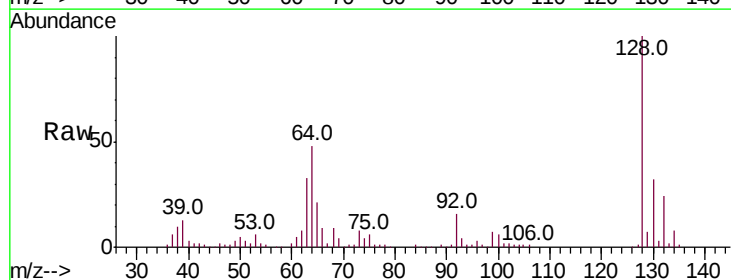
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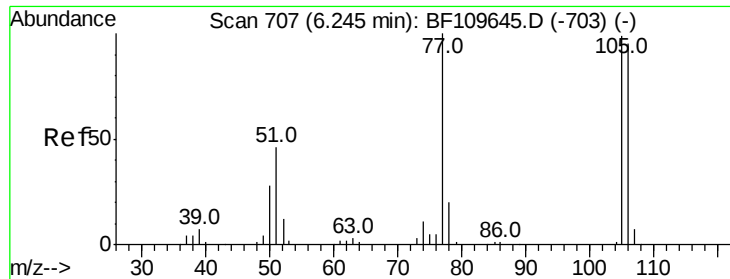
Delta R.T. -0.01 min

Lab File: BF109781.D

Acq: 11 Oct 2018 9:58

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
128	100		310909		
130	31.6	13.1	53.1		
64	47.6	26.0	66.0		





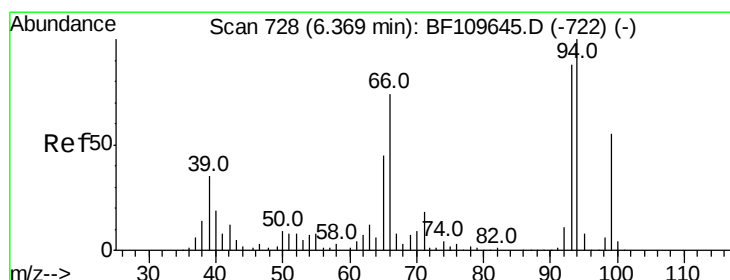
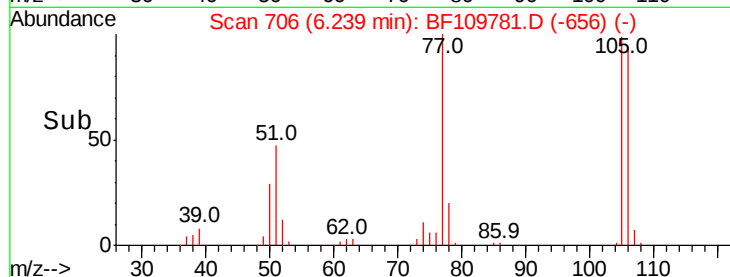
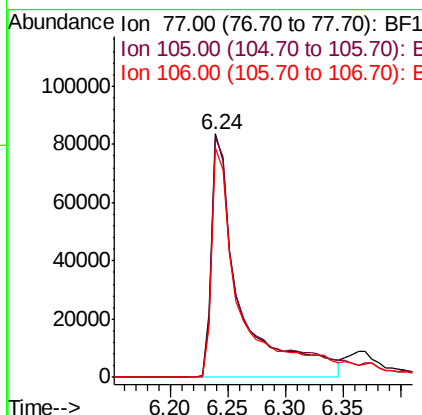
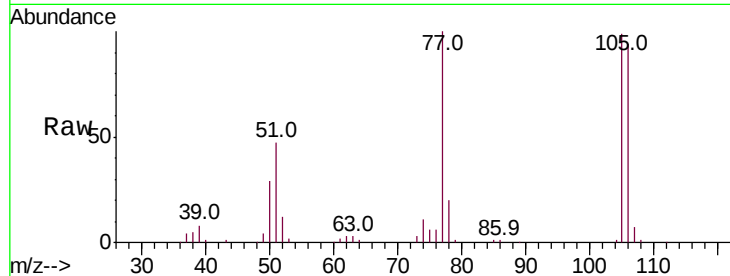
#9
Benzaldehyde
Concen: 31.536 ng
RT: 6.24 min Scan# 706
Delta R.T. -0.01 min
Lab File: BF109781.D
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Instrument :
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ClientSampleID :
PB113623BS

Tot Ion	Ratio	Lower	Upper
77	100		
105	98.5	78.6	118.6
106	94.5	74.8	114.8

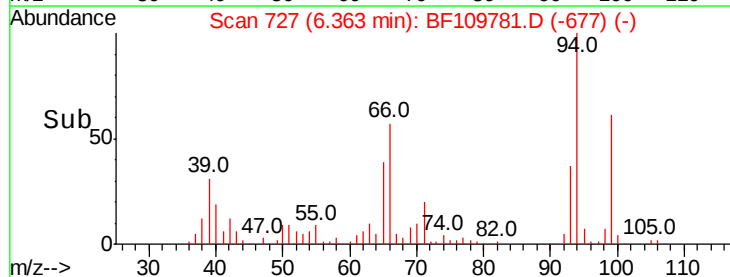
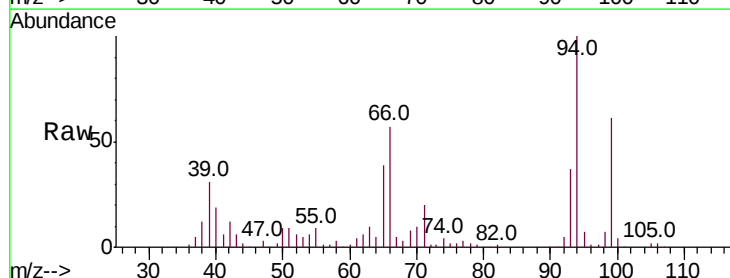
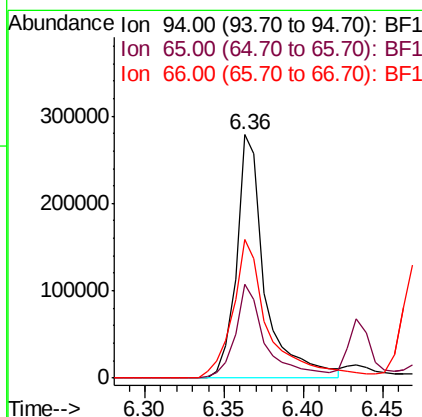
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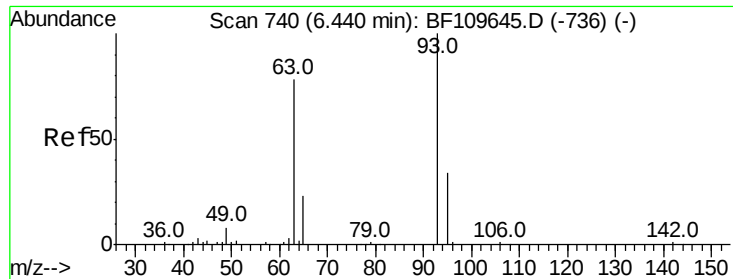
Sohil
10/11/2018 2:03:07 PM



#10
Phenol
Concen: 43.234 ng
RT: 6.36 min Scan# 727
Delta R.T. -0.01 min
Lab File: BF109781.D
Acq: 11 Oct 2018 9:58

Tgt Ion	Ratio	Lower	Upper
94	100		
65	38.7	25.3	65.3
66	57.1	54.5	94.5





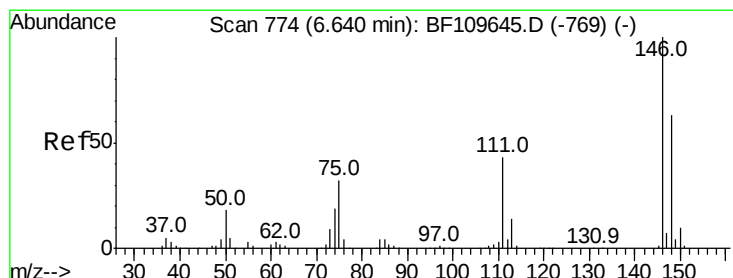
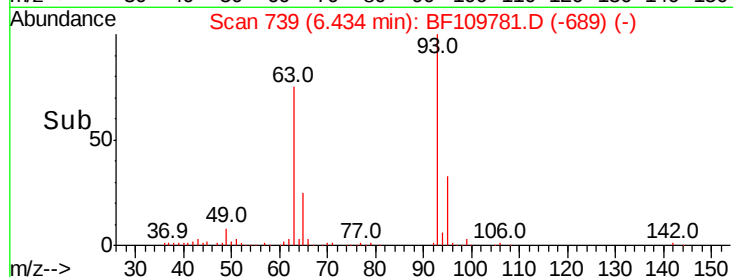
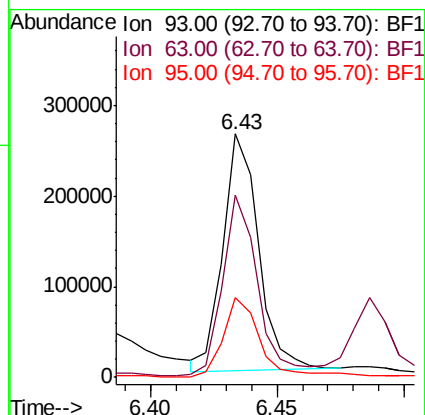
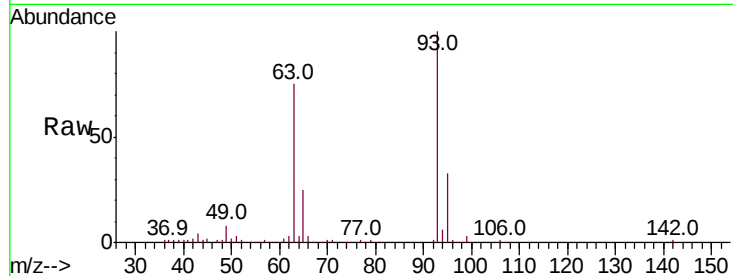
#11
bis(2-Chloroethyl)ether
Concen: 38.511 ng
RT: 6.43 min Scan# 739
Delta R.T. -0.01 min
Lab File: BF109781.D
Acq: 11 Oct 2018 9:58

Instrument :
BNA_F
ClientSampleId :
PB113623BS

Tot Ion	93	Resp	256752
Ion Ratio	Lower	Upper	
93	100		
63	75.1	53.4	93.4
95	32.7	12.1	52.1

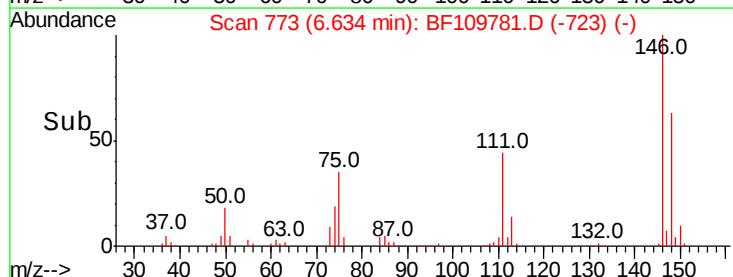
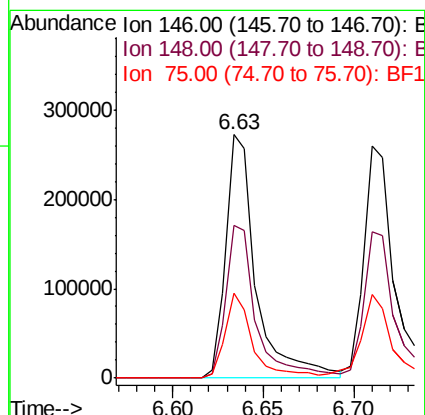
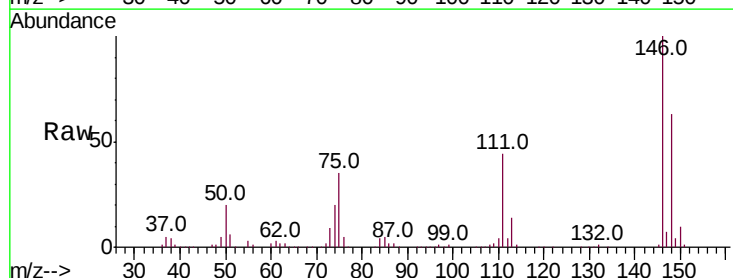
Manual Integrations
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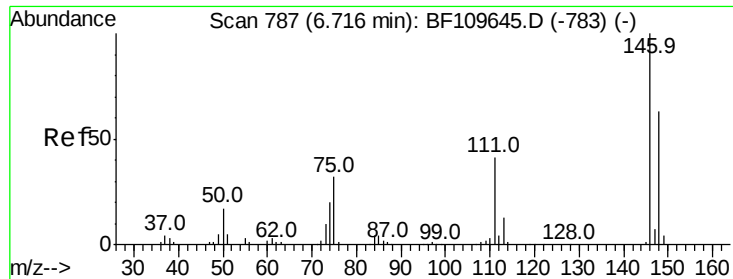
Sohil
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#12
1,3-Dichlorobenzene
Concen: 43.062 ng
RT: 6.63 min Scan# 773
Delta R.T. -0.01 min
Lab File: BF109781.D
Acq: 11 Oct 2018 9:58

Tgt Ion	146	Resp	317994
Ion Ratio	Lower	Upper	
146	100		
148	63.0	50.4	75.6
75	34.7	25.8	38.6





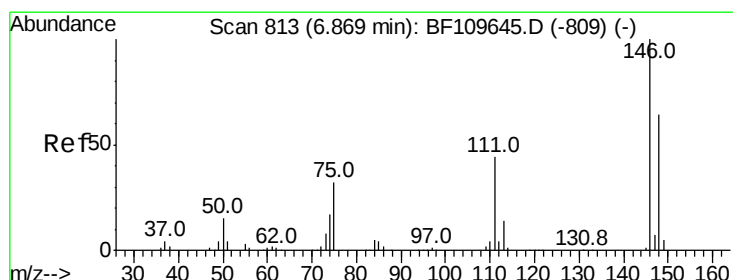
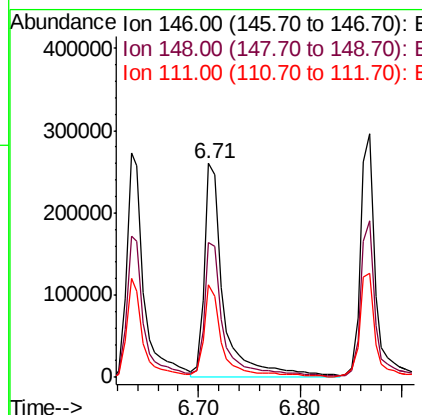
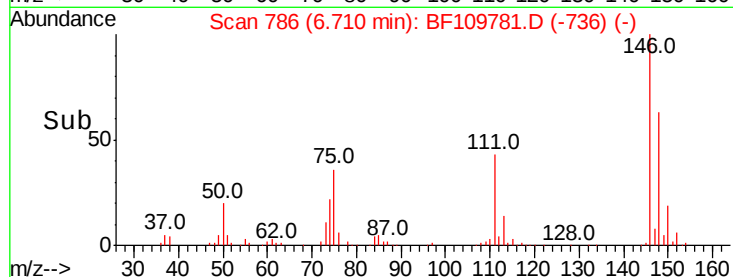
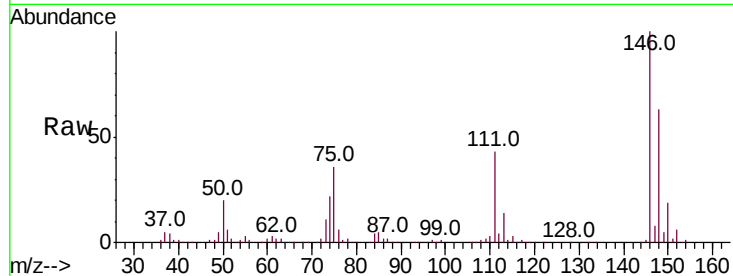
#13
 1,4-Dichlorobenzene
 Concen: 42.779 ng
 RT: 6.71 min Scan# 786
 Delta R.T. -0.01 min
 Lab File: BF109781.D
 Acq: 11 Oct 2018 9:58

Instrument :
 BNA_F
 ClientSampleId :
 PB113623BS

Tot Ion	Ratio	Lower	Upper
146	100		
148	63.1	50.3	75.5
111	43.5	32.7	49.1

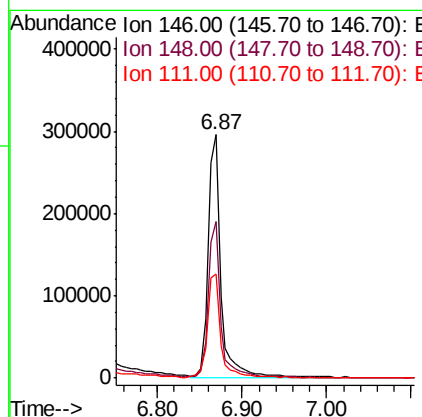
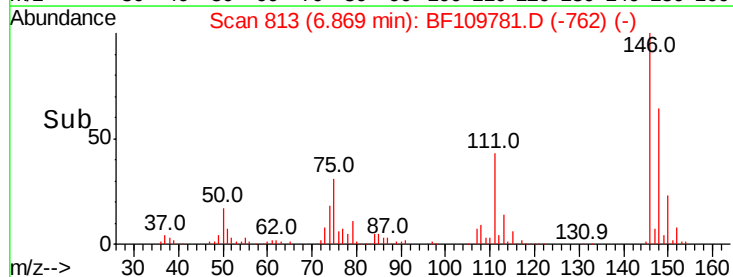
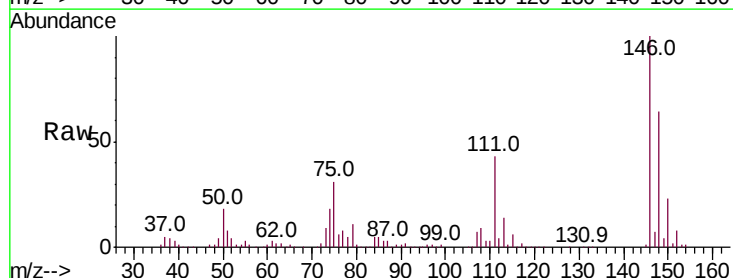
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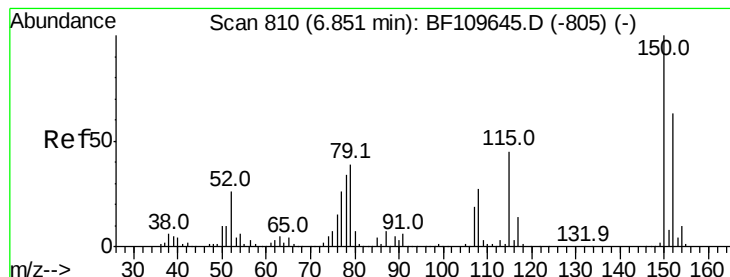
Sohil
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#14
 1,2-Dichlorobenzene
 Concen: 43.344 ng
 RT: 6.87 min Scan# 813
 Delta R.T. -0.00 min
 Lab File: BF109781.D
 Acq: 11 Oct 2018 9:58

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.5	51.1	76.7
111	42.8	35.8	53.6





#15

Benzyl Alcohol

Concen: 47.294 ng

RT: 6.85 min Scan# 810

Delta R.T. -0.00 min

Lab File: BF109781.D

Acq: 11 Oct 2018 9:58

Instrument :

BNA_F

ClientSampled :

PB113623BS

Tot Ion: 79 Resp: 245889

Ion Ratio Lower Upper

79 100

108 72.8 56.3 84.5

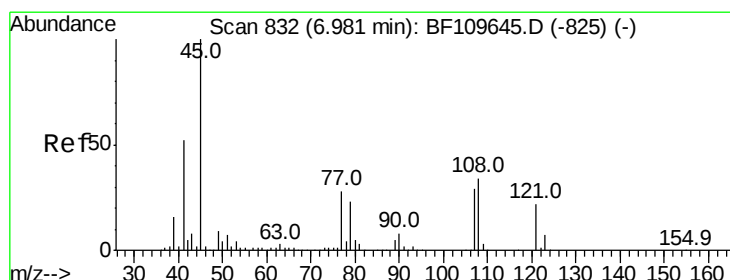
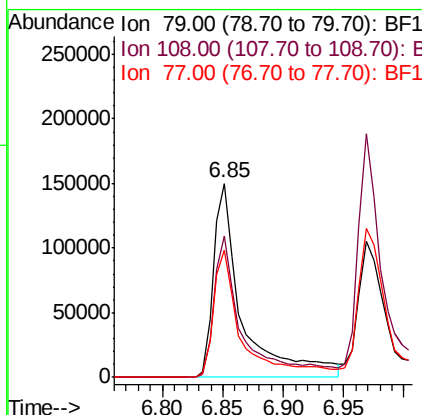
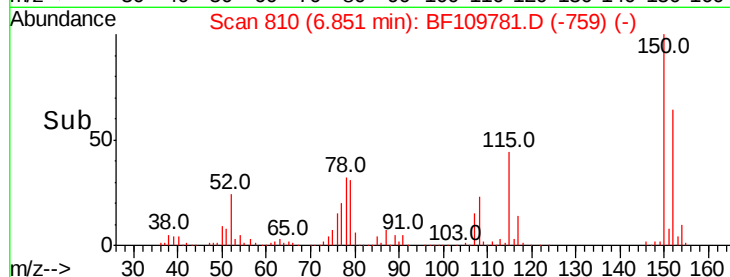
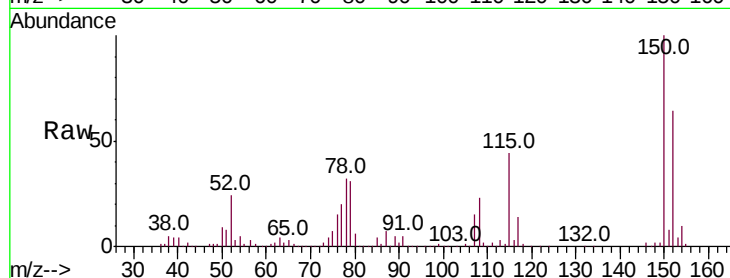
77 65.6 52.9 79.3

Manual Integrations

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#16

2,2'-oxybis(1-chloropropane)

Concen: 43.436 ng

RT: 6.97 min Scan# 831

Delta R.T. -0.01 min

Lab File: BF109781.D

Acq: 11 Oct 2018 9:58

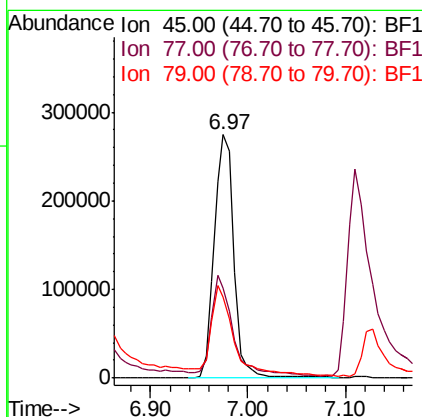
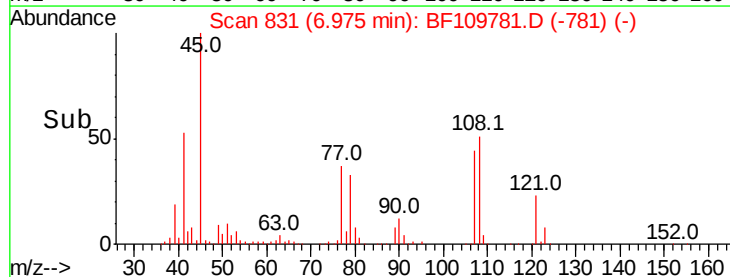
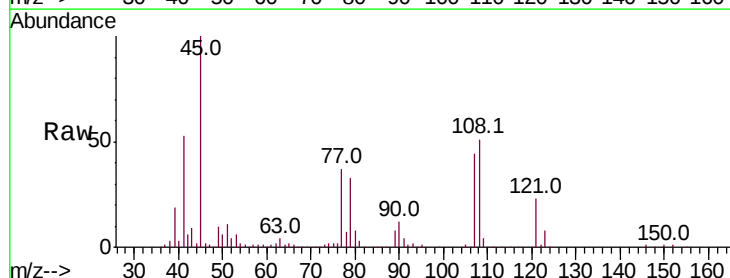
Tgt Ion: 45 Resp: 383983

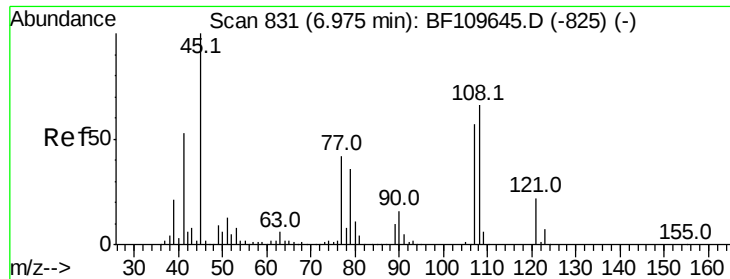
Ion Ratio Lower Upper

45 100

77 37.2 10.0 50.0

79 33.1 6.1 46.1





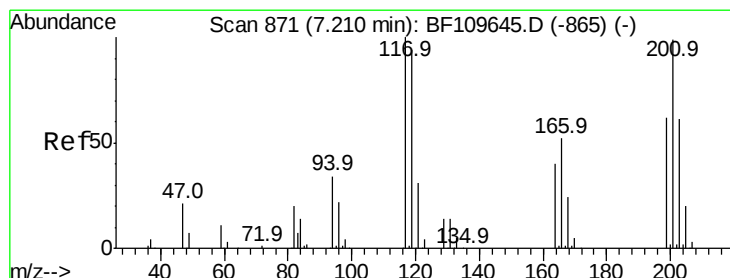
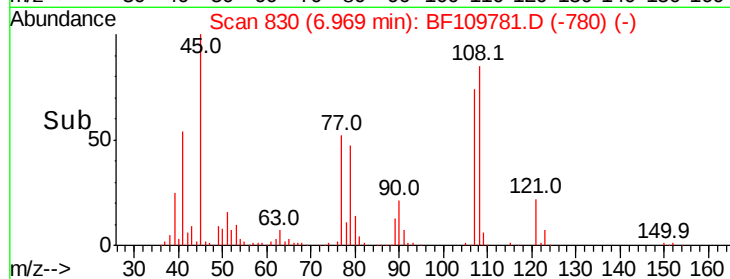
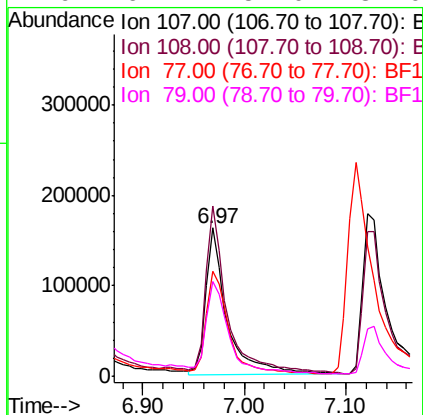
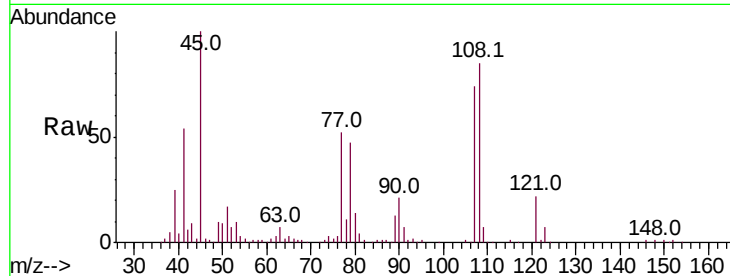
#17
2-Methylphenol
Concen: 46.607 ng
RT: 6.97 min Scan# 830
Delta R.T. -0.01 min
Lab File: BF109781.D
Acq: 11 Oct 2018 9:58

Instrument :
BNA_F
ClientSampleId :
PB113623BS

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	115.0	92.6	138.8	
77	70.5	59.4	89.2	
79	64.1	54.0	81.0	

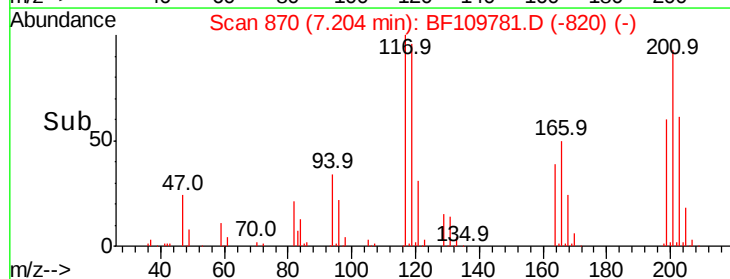
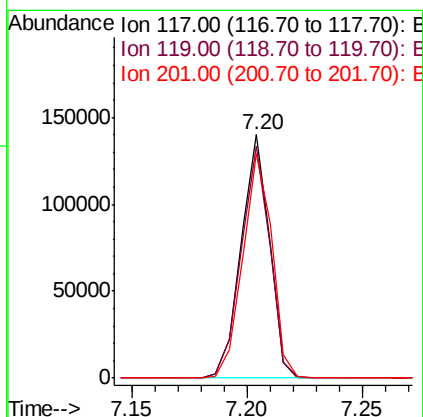
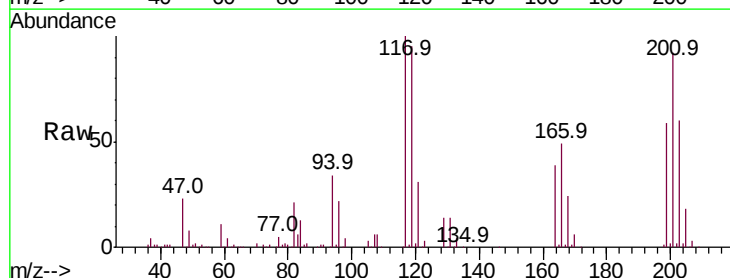
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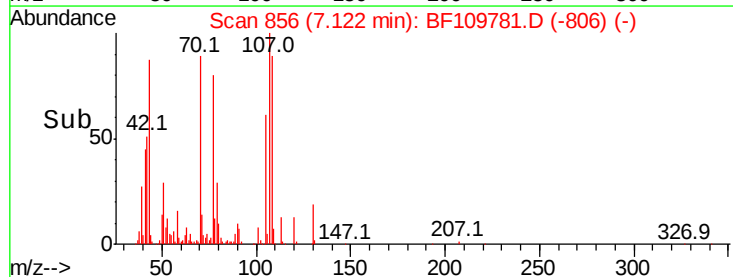
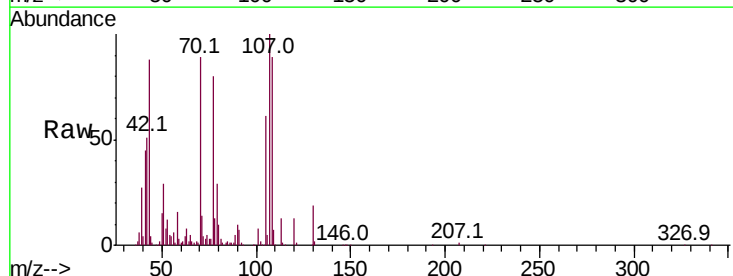
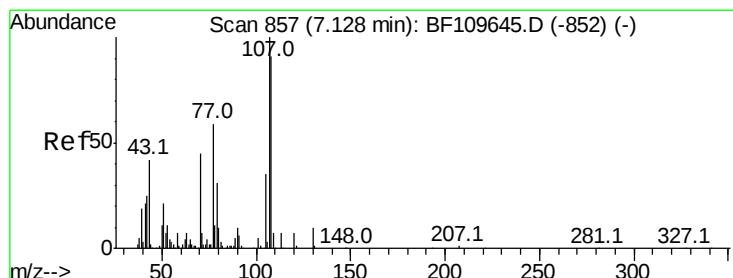
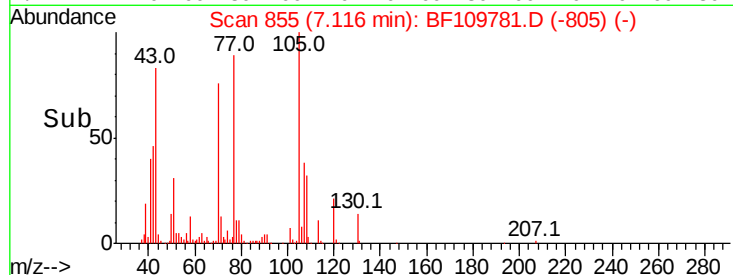
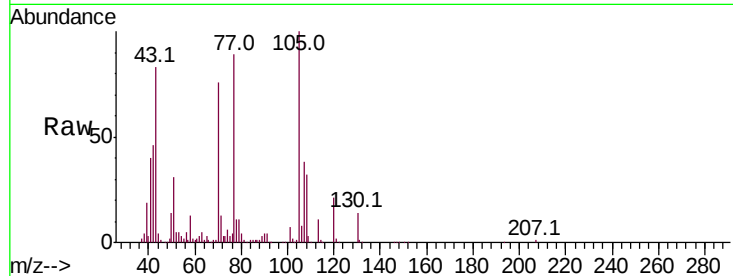
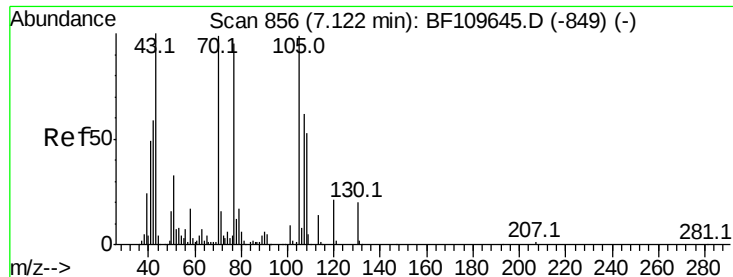
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#18
Hexachloroethane
Concen: 42.216 ng
RT: 7.20 min Scan# 870
Delta R.T. -0.01 min
Lab File: BF109781.D
Acq: 11 Oct 2018 9:58

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	95.2	75.0	112.6	
201	92.1	79.2	118.8	





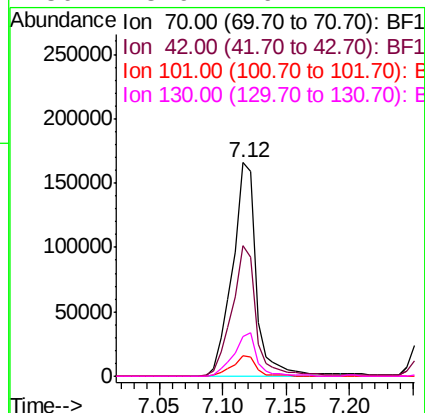
#19
n-Nitroso-di-n-propylamine
Concen: 44.224 ng
RT: 7.12 min Scan# 855
Delta R.T. -0.01 min
Lab File: BF109781.D
Acq: 11 Oct 2018 9:58

Instrument :
BNA_F
ClientSampleId :
PB113623BS

Tot Ion	Ion	Ratio	Lower	Upper
70	100			
42	60.9	47.4	71.2	
101	9.5	7.3	10.9	
130	18.9	16.2	24.2	

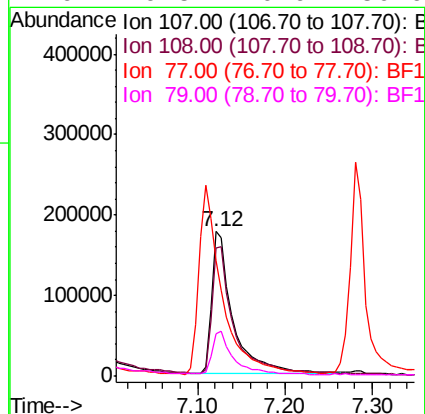
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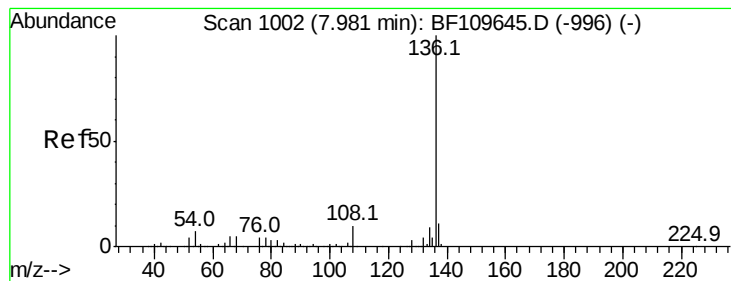
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#20
3+4-Methylphenols
Concen: 47.219 ng
RT: 7.12 min Scan# 856
Delta R.T. -0.01 min
Lab File: BF109781.D
Acq: 11 Oct 2018 9:58

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	88.9	71.4	111.4	
77	79.5	47.3	87.3	
79	29.5	10.9	50.9	





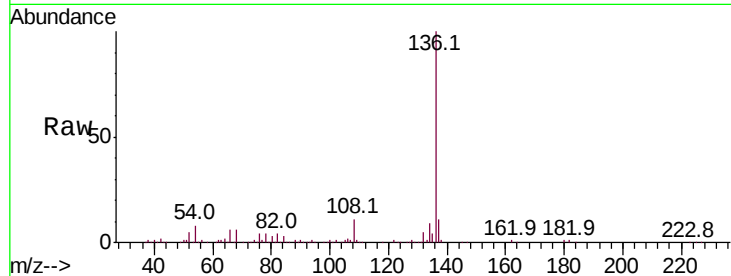
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.97 min Scan# 1001
Delta R.T. -0.01 min
Lab File: BF109781.D
Acq: 11 Oct 2018 9:58

Instrument :
BNA_F
ClientSampleId :
PB113623BS

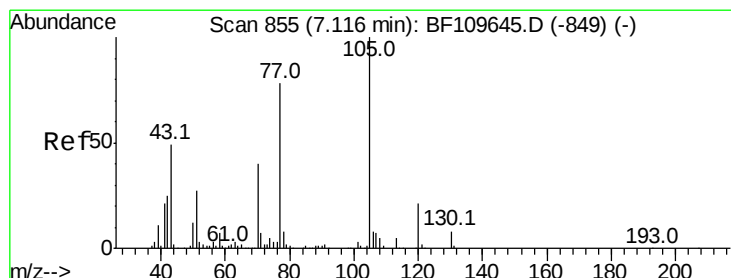
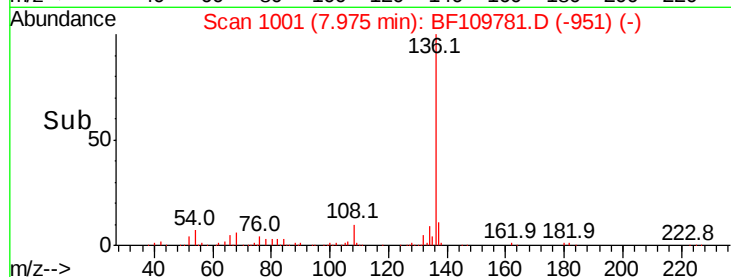
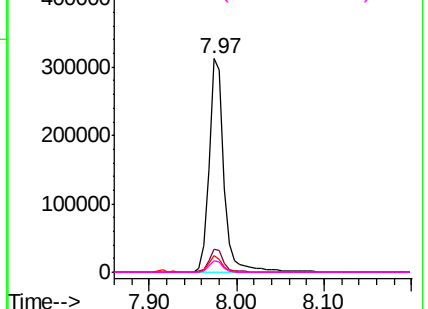
Tot Ion	Ratio	Resp	Lower	Upper
136	100			
137	10.9	8.8	13.2	
54	7.5	5.4	8.2	
68	5.6	4.2	6.2	

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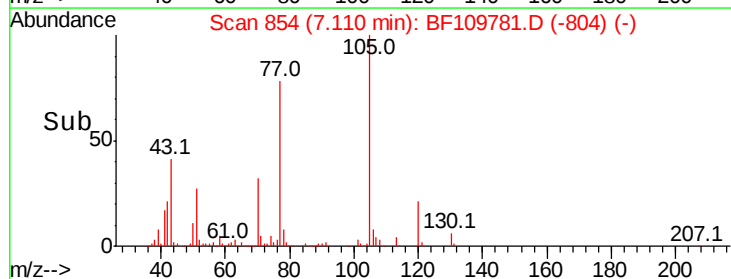
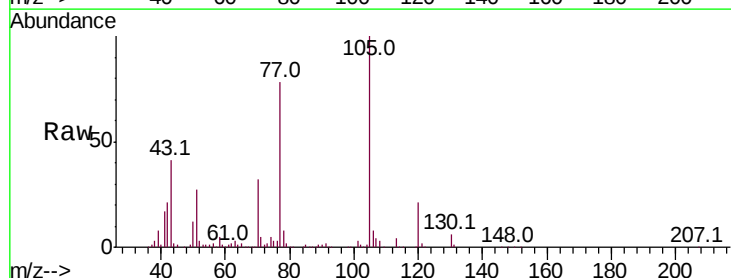
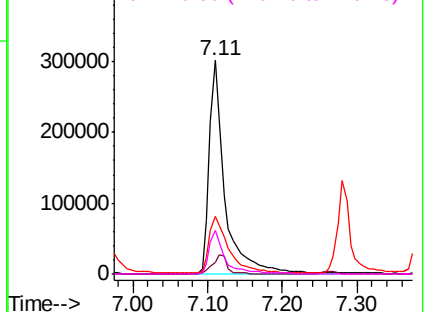
Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

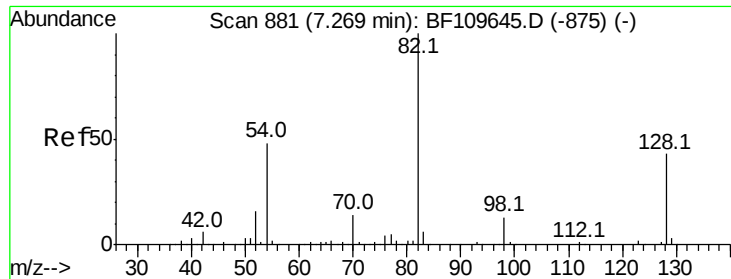


#22
Acetophenone
Concen: 49.201 ng
RT: 7.11 min Scan# 854
Delta R.T. -0.01 min
Lab File: BF109781.D
Acq: 11 Oct 2018 9:58

Tgt Ion	Ratio	Resp	Lower	Upper
105	100			
71	5.2	5.2	7.8	
51	27.0	21.8	32.8	
120	20.6	17.0	25.4	

Abundance Ion 105.00 (104.70 to 105.70): E
Ion 71.00 (70.70 to 71.70): BF1
Ion 51.00 (50.70 to 51.70): BF1
Ion 120.00 (119.70 to 120.70): E





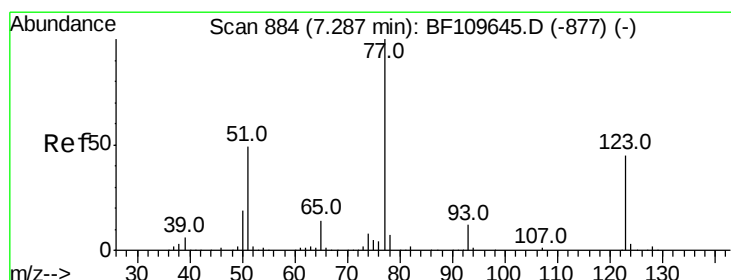
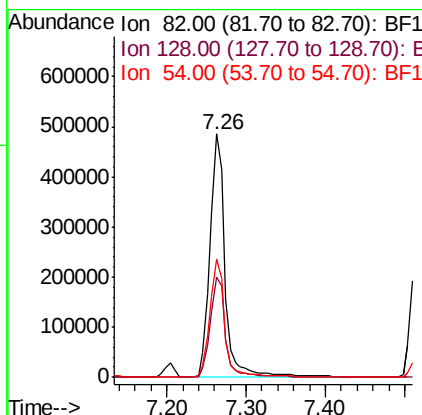
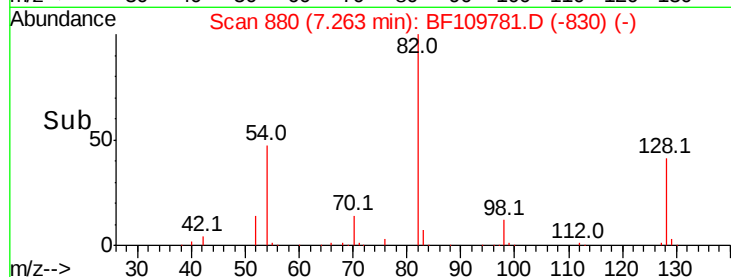
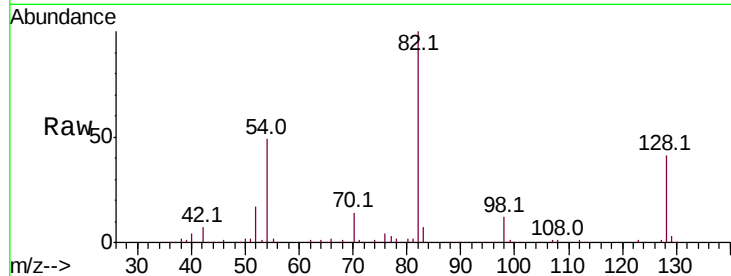
#23
 Nitrobenzene-d5
 Concen: 95.898 ng
 RT: 7.26 min Scan# 880
 Delta R.T. -0.01 min
 Lab File: BF109781.D
 Acq: 11 Oct 2018 9:58

Instrument :
 BNA_F
 ClientSampleId :
 PB113623BS

Tot Ion	Ratio	Resp	Lower	Upper
82	100			
128	41.3	34.2	51.2	
54	48.6	38.6	58.0	

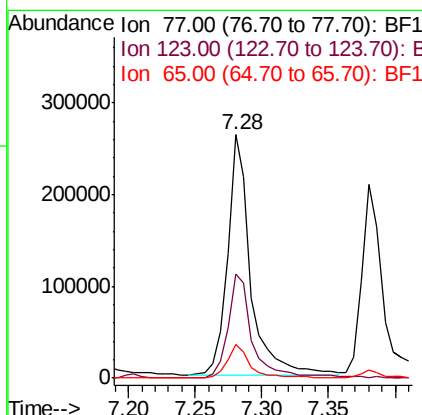
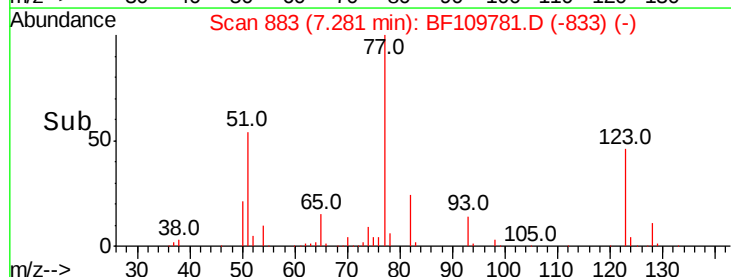
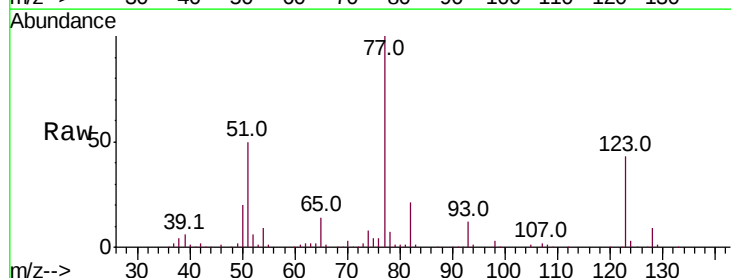
Manual Integrations
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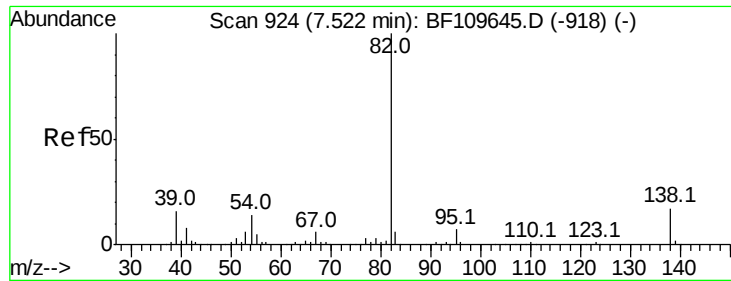
Sohil
 10/11/2018 2:03:07 PM



#24
 Nitrobenzene
 Concen: 46.073 ng
 RT: 7.28 min Scan# 883
 Delta R.T. -0.01 min
 Lab File: BF109781.D
 Acq: 11 Oct 2018 9:58

Tgt Ion	Ratio	Resp	Lower	Upper
77	100			
123	42.7	35.7	53.5	
65	13.8	10.7	16.1	





#25

Isophorone

Concen: 53.973 ng

RT: 7.52 min Scan# 924

Delta R.T. -0.00 min

Lab File: BF109781.D

Acq: 11 Oct 2018 9:58

Instrument :

BNA_F

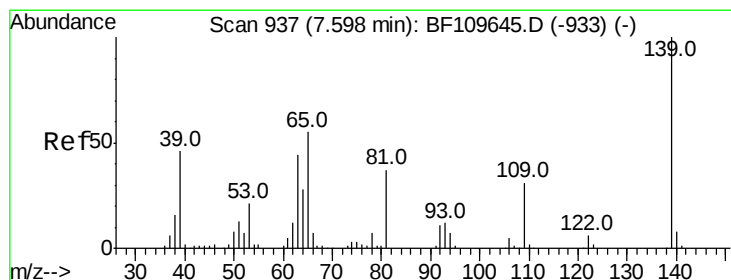
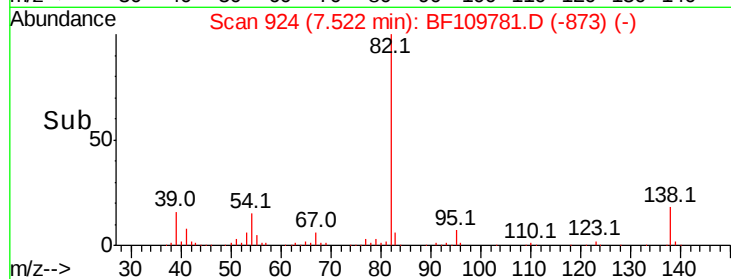
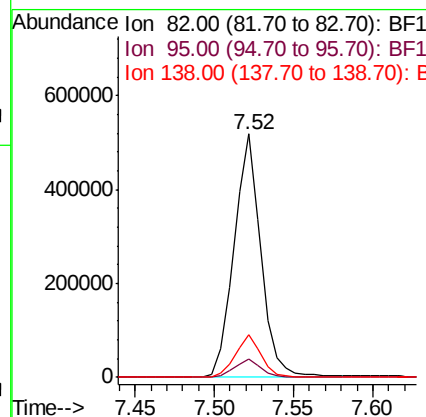
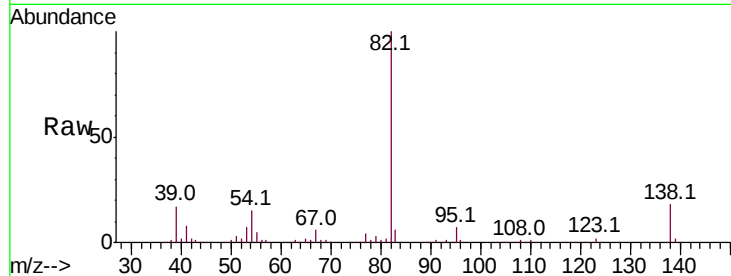
ClientSampleId :

PB113623BS

Tot Ion:	82	Resp:	604068
Ion Ratio	Lower	Upper	
82	100		
95	7.3	5.7	8.5
138	17.7	13.2	19.8

Manual Integrations
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#26

2-Nitrophenol

Concen: 46.682 ng

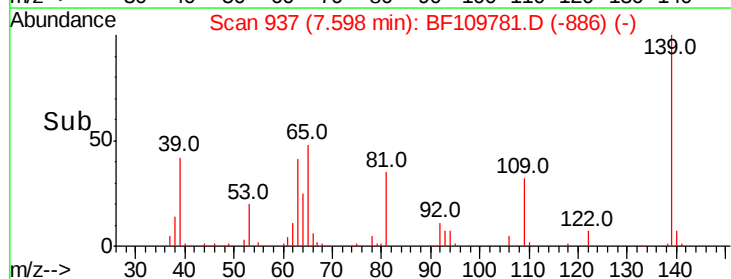
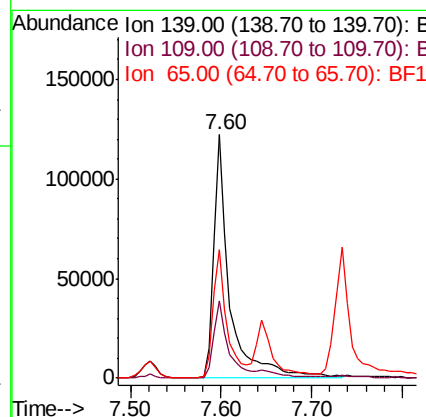
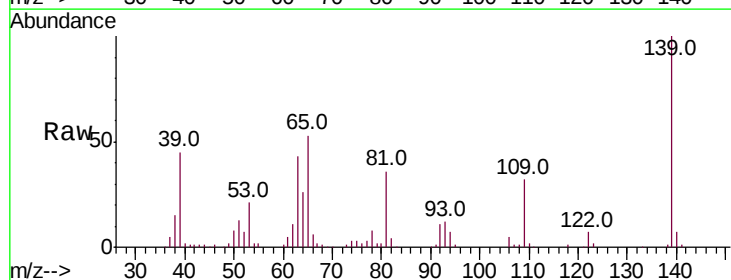
RT: 7.60 min Scan# 937

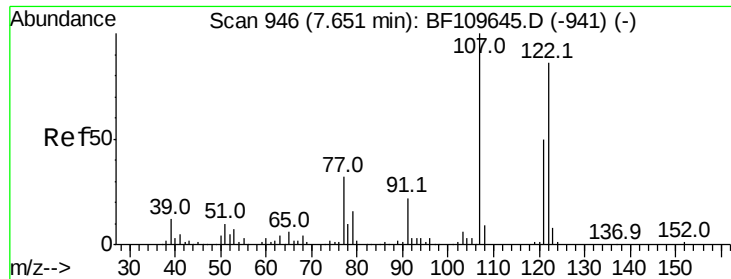
Delta R.T. -0.00 min

Lab File: BF109781.D

Acq: 11 Oct 2018 9:58

Tgt Ion:	139	Resp:	153138
Ion Ratio	Lower	Upper	
139	100		
109	31.5	25.0	37.6
65	52.9	44.0	66.0





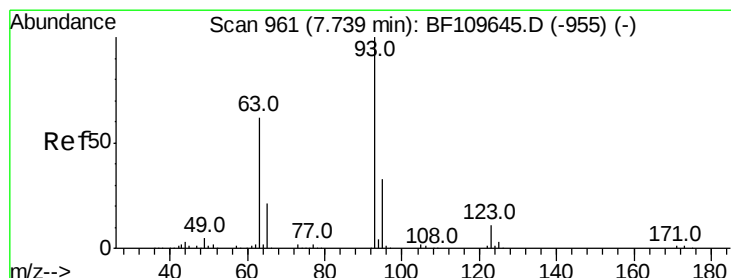
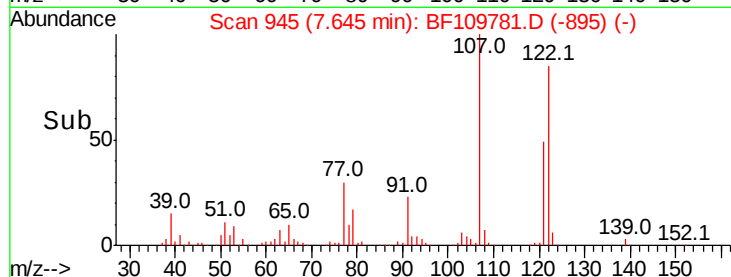
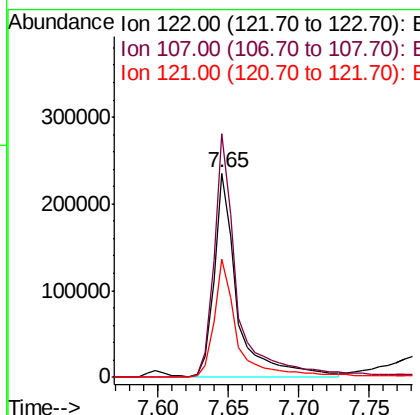
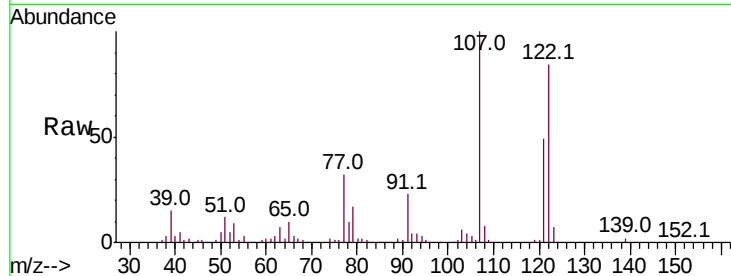
#27
2,4-Dimethylphenol
Concen: 55.901 ng
RT: 7.65 min Scan# 945
Delta R.T. -0.01 min
Lab File: BF109781.D
Acq: 11 Oct 2018 9:58

Instrument :
BNA_F
ClientSampleId :
PB113623BS

Tot Ion	Ratio	Resp	Lower	Upper
122	100	264811		
107	119.1	92.5	138.7	
121	57.8	45.8	68.8	

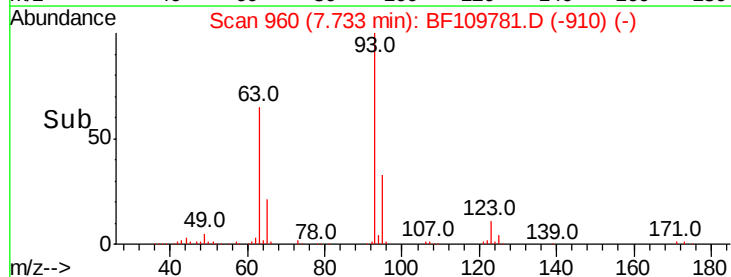
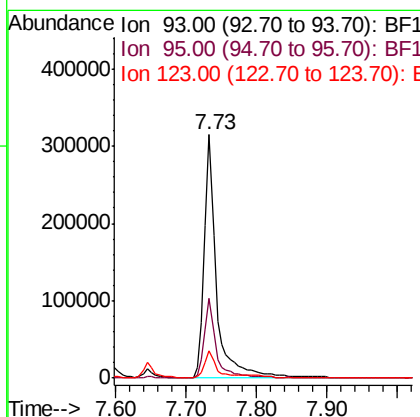
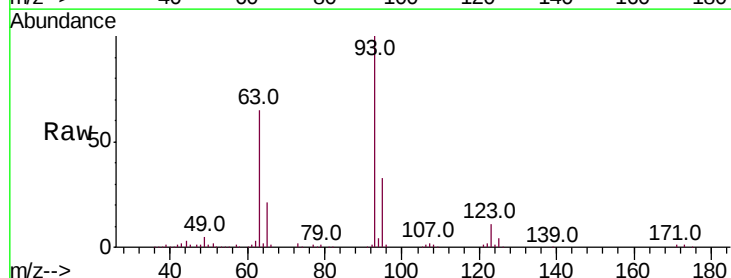
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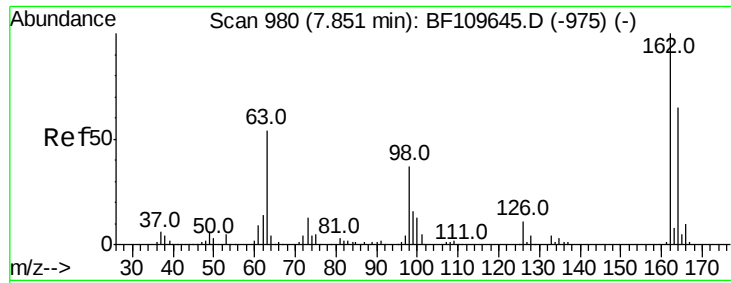
Sohil
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#28
bis(2-Chloroethoxy)methane
Concen: 49.909 ng
RT: 7.73 min Scan# 960
Delta R.T. -0.01 min
Lab File: BF109781.D
Acq: 11 Oct 2018 9:58

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	377829		
95	32.7	26.4	39.6	
123	11.0	9.0	13.6	





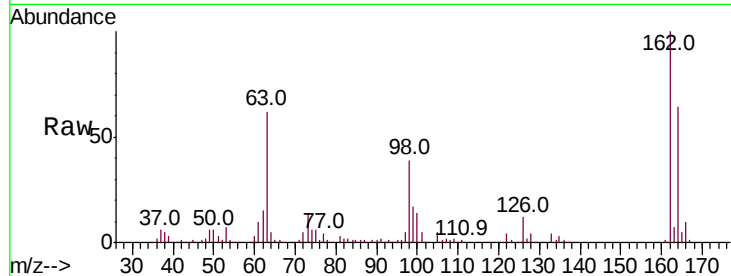
#29
2,4-Dichlorophenol
Concen: 50.923 ng
RT: 7.85 min Scan# 979
Delta R.T. -0.01 min
Lab File: BF109781.D
Acq: 11 Oct 2018 9:58

Instrument :
BNA_F
ClientSampleId :
PB113623BS

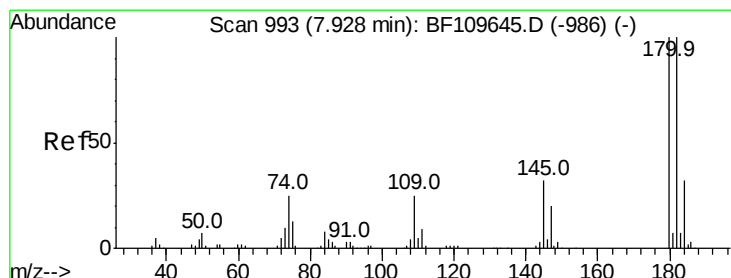
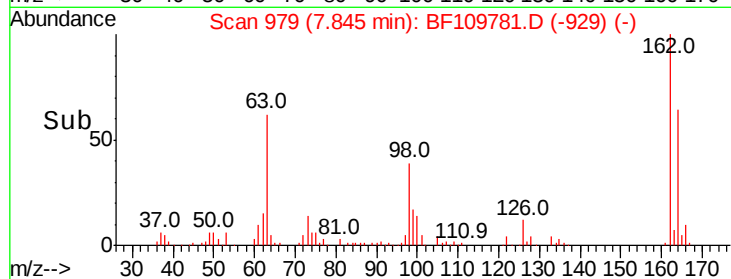
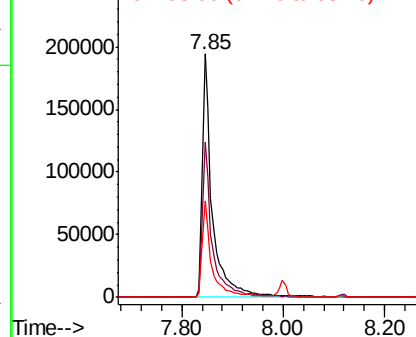
Tot Ion:	162	Resp:	270578
Ion Ratio	Lower	Upper	
162	100		
164	63.9	44.6	84.6
98	39.4	17.4	57.4

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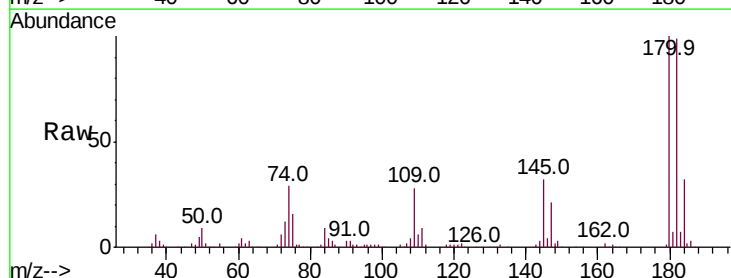


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): BF1

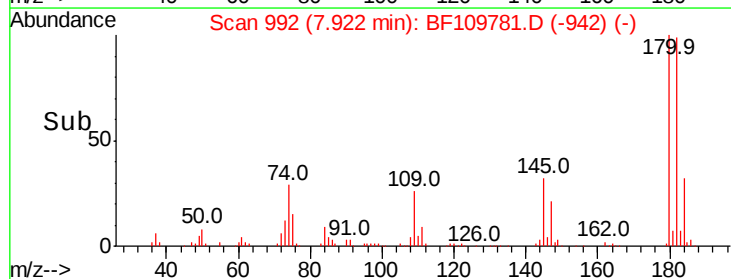
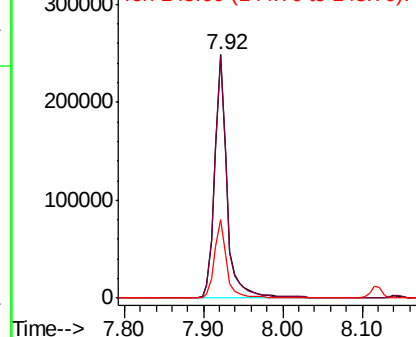


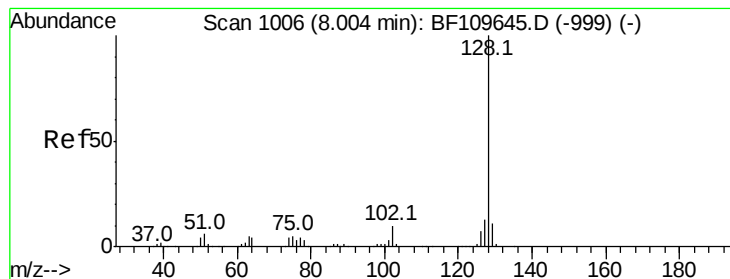
#30
1,2,4-Trichlorobenzene
Concen: 45.626 ng
RT: 7.92 min Scan# 992
Delta R.T. -0.01 min
Lab File: BF109781.D
Acq: 11 Oct 2018 9:58

Tgt Ion:	180	Resp:	268376
Ion Ratio	Lower	Upper	
180	100		
182	98.8	80.3	120.5
145	32.5	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: 52.417 ng

RT: 8.00 min Scan# 1005

Delta R.T. -0.01 min

Lab File: BF109781.D

Acq: 11 Oct 2018 9:58

Instrument :

BNA_F

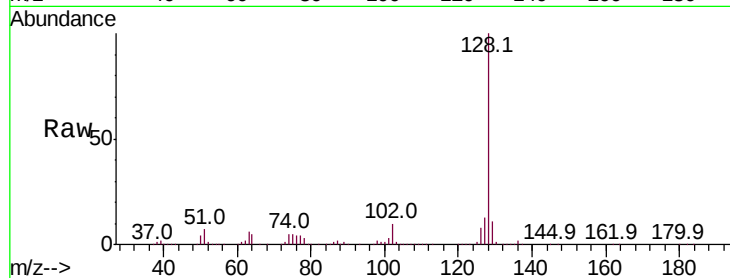
ClientSampled :

PB113623BS

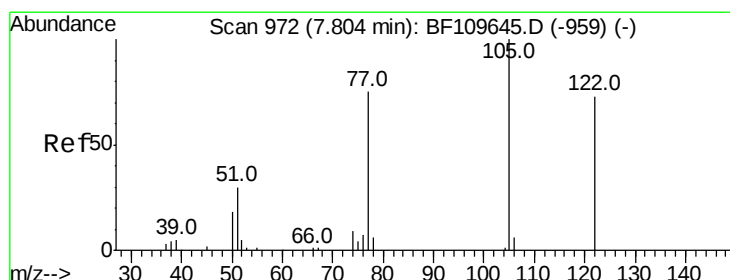
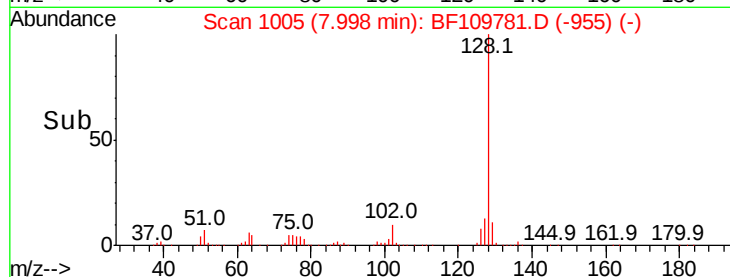
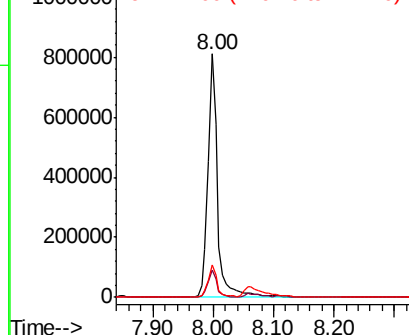
Tot Ion:	128	Resp:	900632
Ion Ratio	Lower	Upper	
128	100		
129	11.4	8.8	13.2
127	13.3	10.8	16.2

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



#32

Benzoic acid

Concen: 33.098 ng

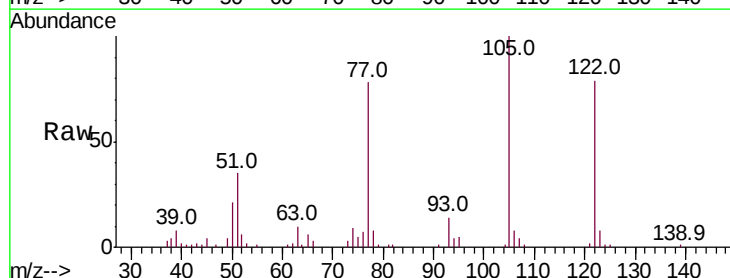
RT: 7.80 min Scan# 972

Delta R.T. -0.00 min

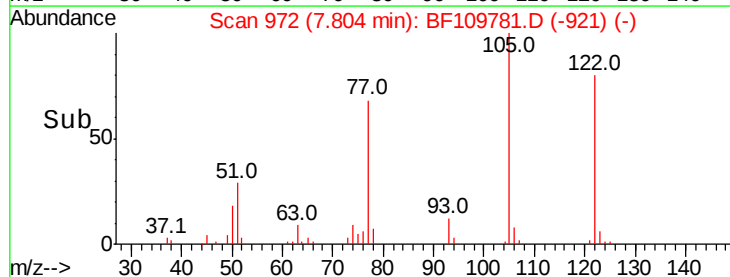
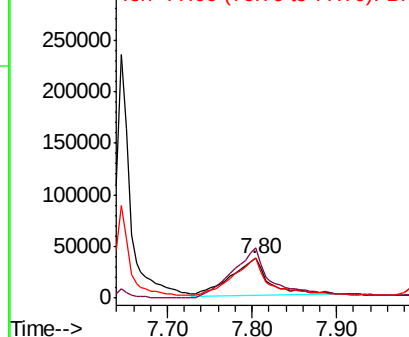
Lab File: BF109781.D

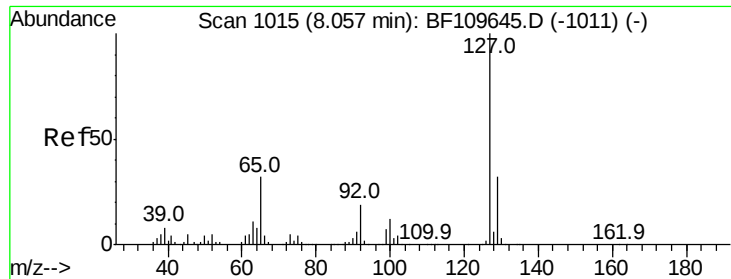
Acq: 11 Oct 2018 9:58

Tgt Ion:	122	Resp:	112099
Ion Ratio	Lower	Upper	
122	100		
105	127.2	109.0	149.0
77	99.0	79.0	119.0



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





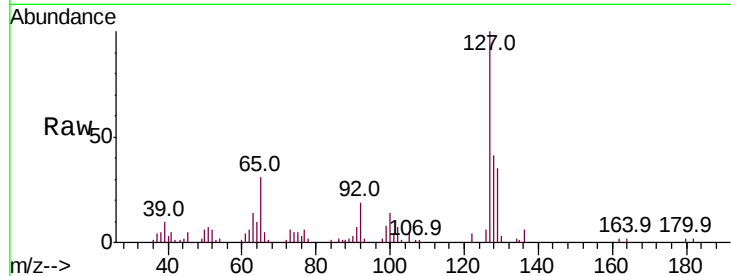
#33
4-Chloroaniline
Concen: 12.390 ng
RT: 8.06 min Scan# 1015
Delta R.T. -0.00 min
Lab File: BF109781.D
Acq: 11 Oct 2018 9:58

Instrument :
BNA_F
ClientSampleId :
PB113623BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100				
129	35.4	26.0	39.0		
65	30.7	25.1	37.7		
92	19.4	15.0	22.6		

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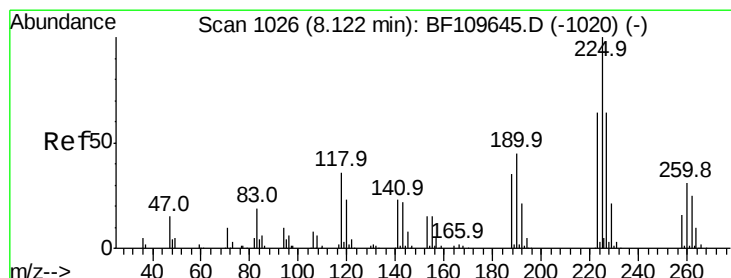
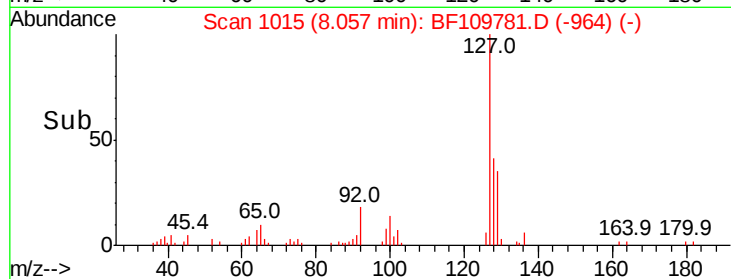
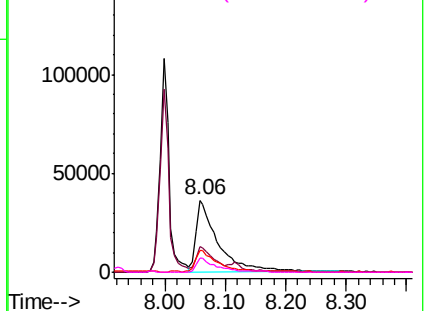
Abundance

Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

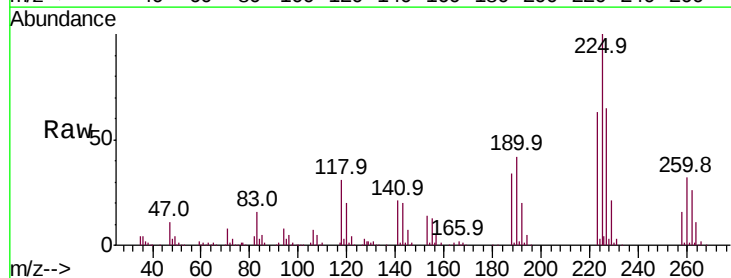
Ion 65.00 (64.70 to 65.70): BF1

Ion 92.00 (91.70 to 92.70): BF1



#34
Hexachlorobutadiene
Concen: 44.626 ng
RT: 8.12 min Scan# 1026
Delta R.T. -0.00 min
Lab File: BF109781.D
Acq: 11 Oct 2018 9:58

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100				
223	62.7	51.4	77.2		
227	65.1	51.0	76.6		

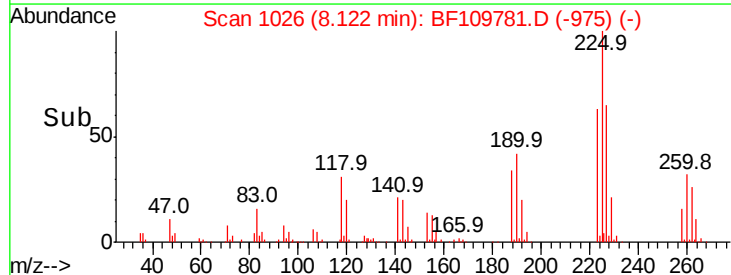
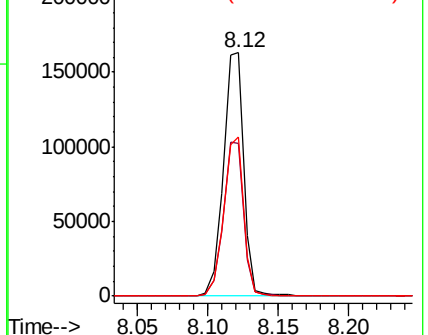


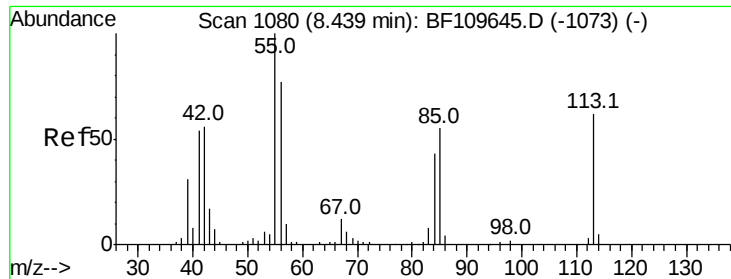
Abundance

Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





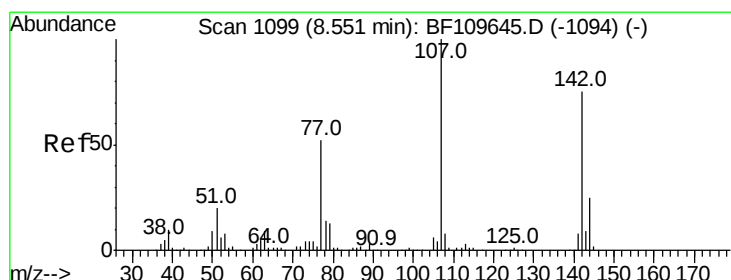
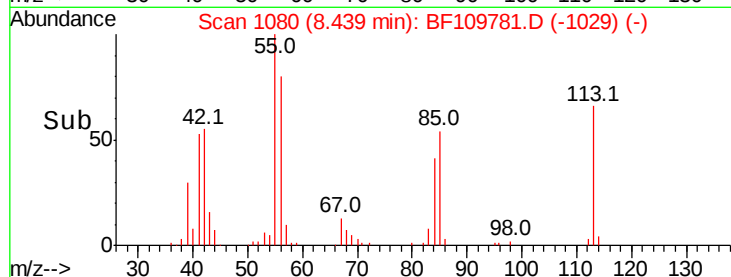
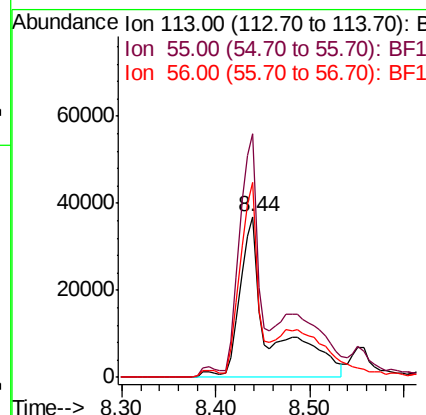
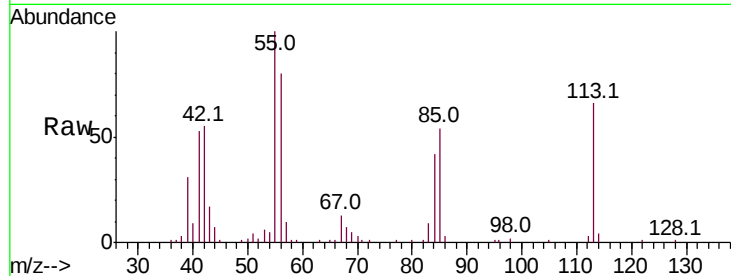
#35
 Caprolactam
 Concen: 52.433 ng/ml
 RT: 8.44 min Scan# 1080
 Delta R.T. -0.00 min
 Lab File: BF109781.D
 Acq: 11 Oct 2018 9:58

Instrument :
 BNA_F
 ClientSampleID :
 PB113623BS

Tot Ion	Ratio	Lower	Upper
113	100		
55	151.7	142.8	182.8
56	121.2	105.0	145.0

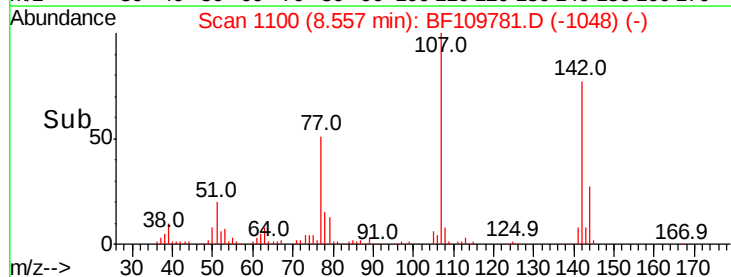
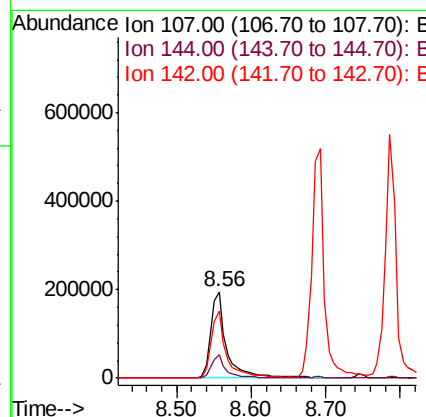
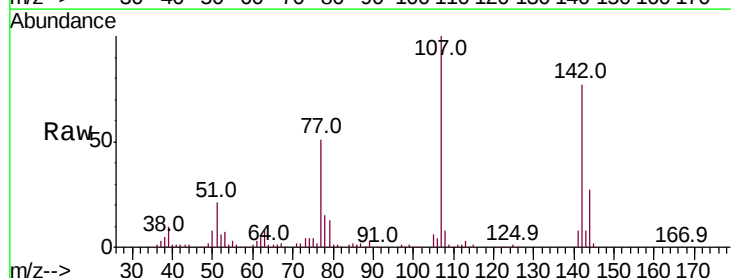
Manual Integrations
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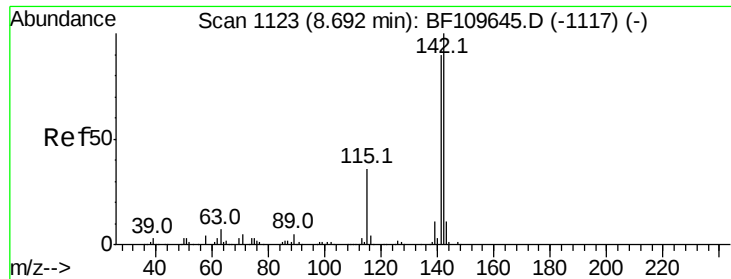
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#36
 4-Chloro-3-methylphenol
 Concen: 52.265 ng/ml
 RT: 8.56 min Scan# 1100
 Delta R.T. 0.01 min
 Lab File: BF109781.D
 Acq: 11 Oct 2018 9:58

Tgt Ion	Ratio	Lower	Upper
107	100		
144	26.8	20.0	30.0
142	76.9	59.7	89.5





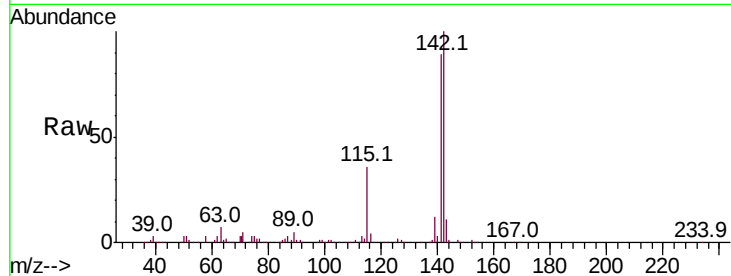
#37
2-Methylnaphthalene
Concen: 52.918 ng
RT: 8.69 min Scan# 1123
Delta R.T. -0.00 min
Lab File: BF109781.D
Acq: 11 Oct 2018 9:58

Instrument :
BNA_F
ClientSampleId :
PB113623BS

Tot Ion	Ratio	Lower	Upper
142	100		
141	88.7	71.4	107.2
115	36.4	28.7	43.1

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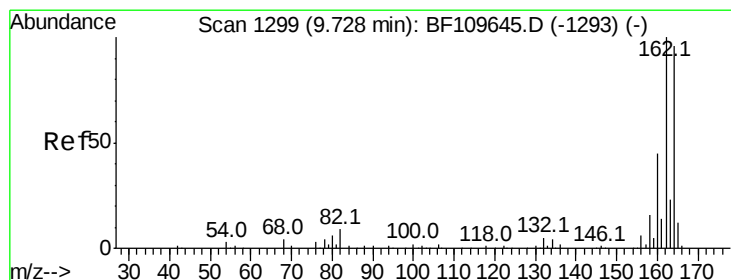
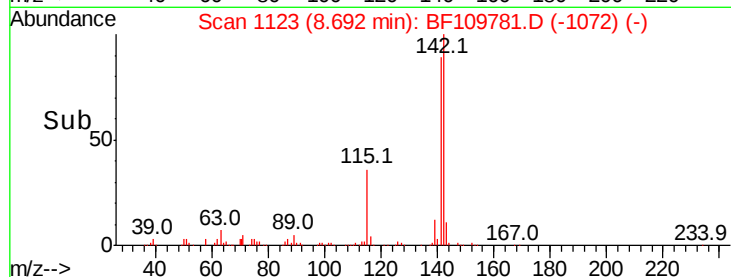
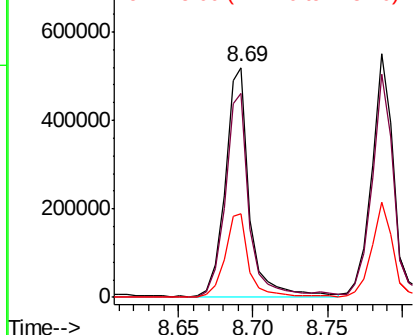


Abundance

Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.73 min Scan# 1299
Delta R.T. -0.00 min
Lab File: BF109781.D
Acq: 11 Oct 2018 9:58

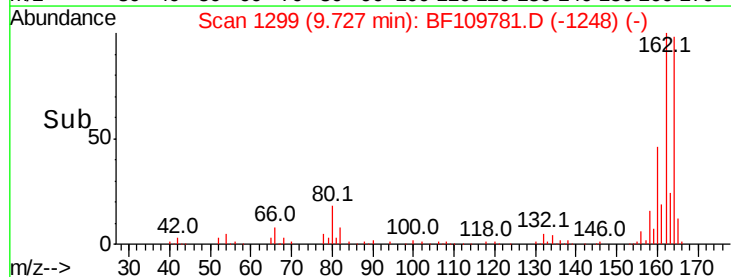
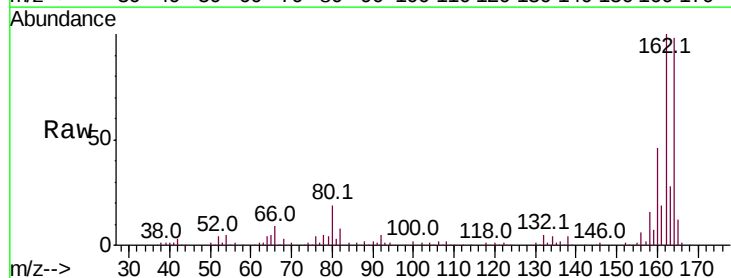
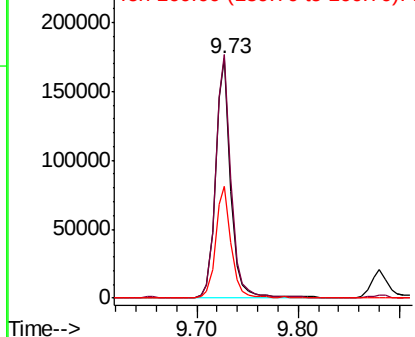
Tgt Ion	Ratio	Lower	Upper
164	100		
162	101.7	83.0	124.6
160	46.7	37.0	55.6

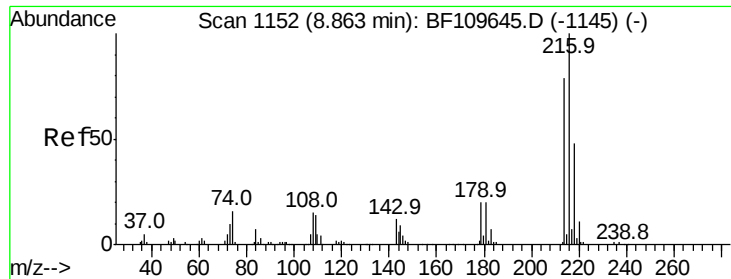
Abundance

Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E





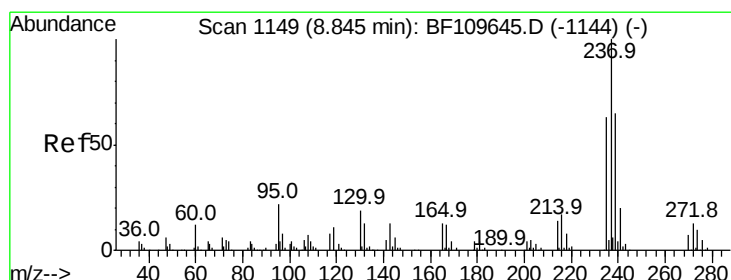
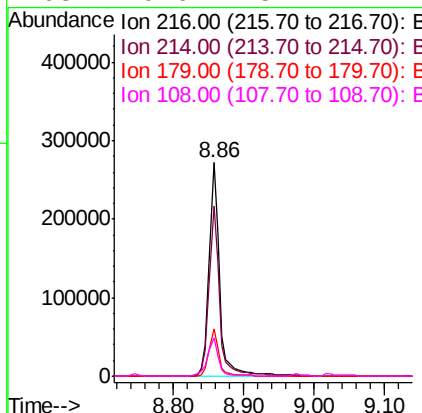
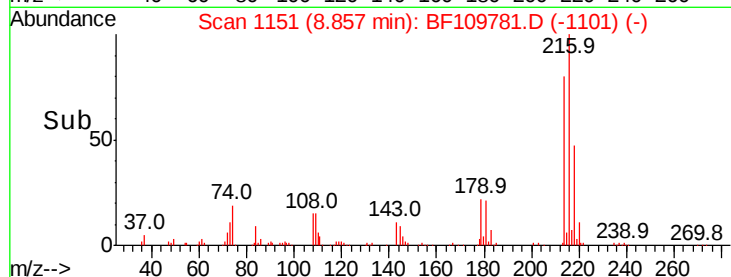
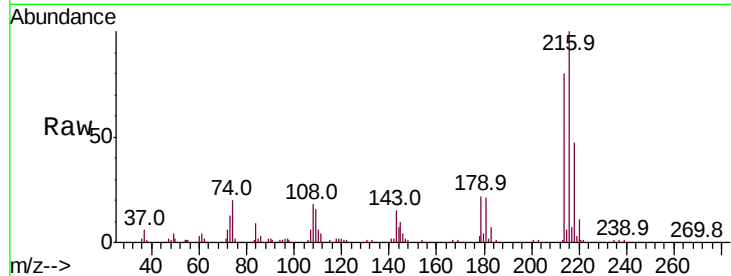
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 45.940 ng
 RT: 8.86 min Scan# 1151
 Delta R.T. -0.01 min
 Lab File: BF109781.D
 Acq: 11 Oct 2018 9:58

Instrument :
 BNA_F
 ClientSampleId :
 PB113623BS

Tot Ion	Ratio	Resp	Lower	Upper
216	100	282143		
214	79.2	63.8	95.6	
179	21.2	16.6	25.0	
108	19.6	15.1	22.7	

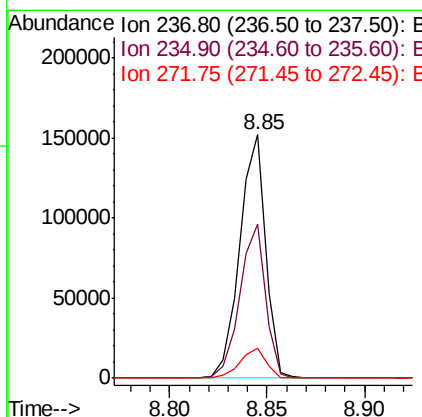
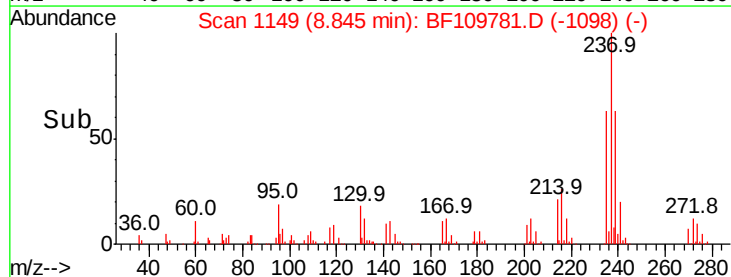
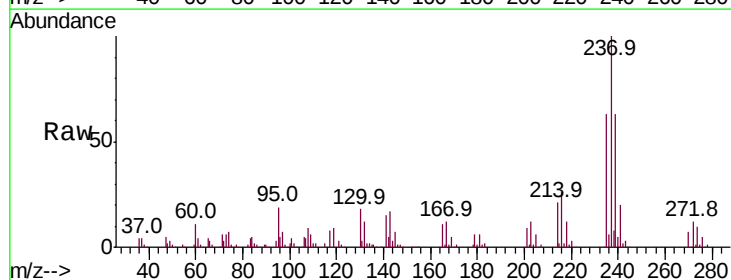
Manual Integrations
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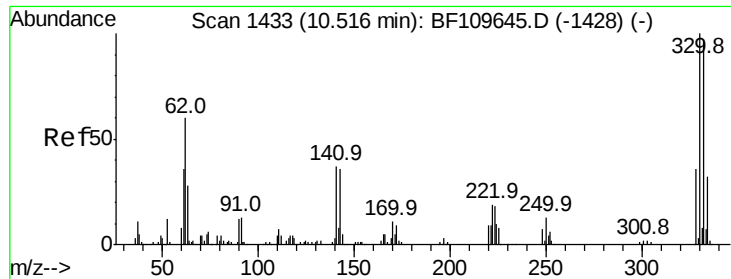
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#40
 Hexachlorocyclopentadiene
 Concen: 54.678 ng
 RT: 8.85 min Scan# 1149
 Delta R.T. 0.00 min
 Lab File: BF109781.D
 Acq: 11 Oct 2018 9:58

Tgt Ion	Ratio	Resp	Lower	Upper
237	100	140302		
235	63.1	43.1	83.1	
272	12.3	0.0	32.6	





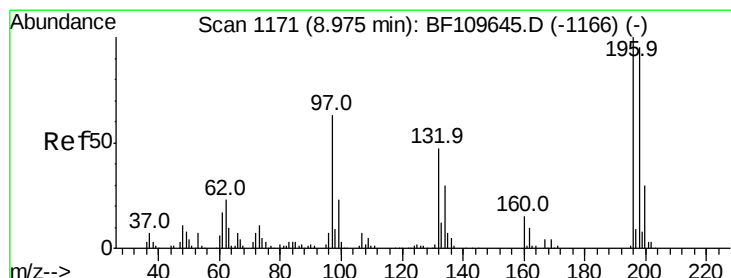
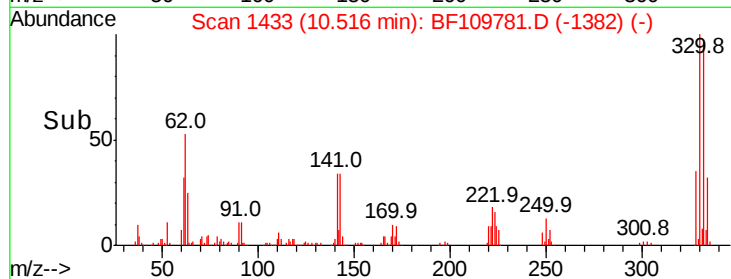
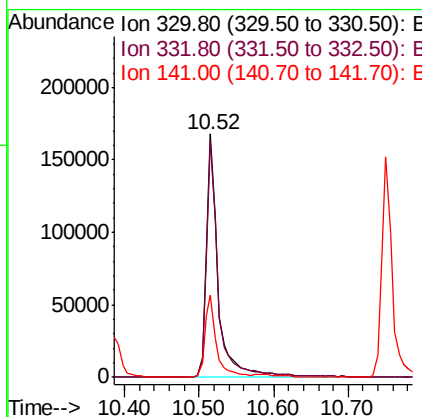
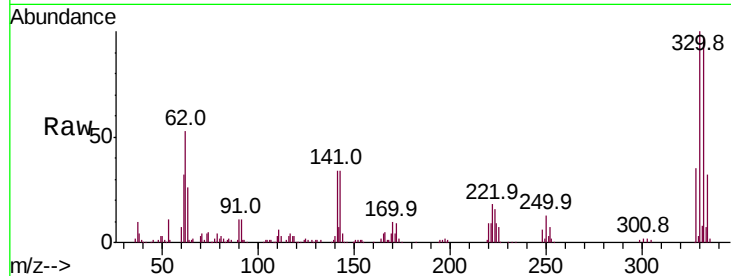
#41
 2,4,6-Tribromophenol
 Concen: 95.391 ng
 RT: 10.52 min Scan# 1433
 Delta R.T. -0.00 min
 Lab File: BF109781.D
 Acq: 11 Oct 2018 9:58

Instrument :
 BNA_F
 ClientSampled :
 PB113623BS

Tot Ion	Ratio	Resp	Lower	Upper
330	100	187527		
332	98.1	77.1	115.7	
141	32.8	27.0	40.4	

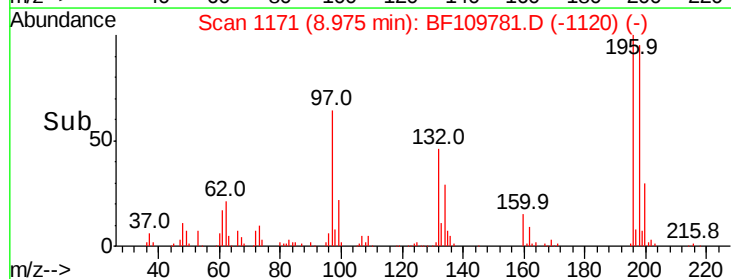
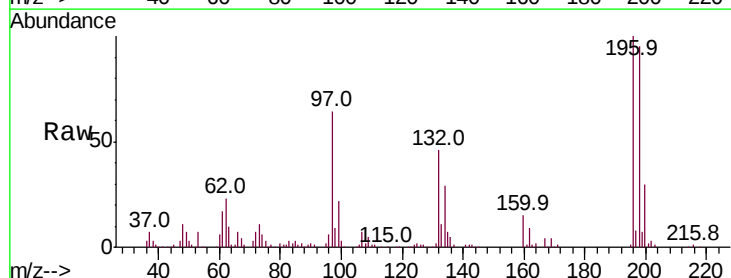
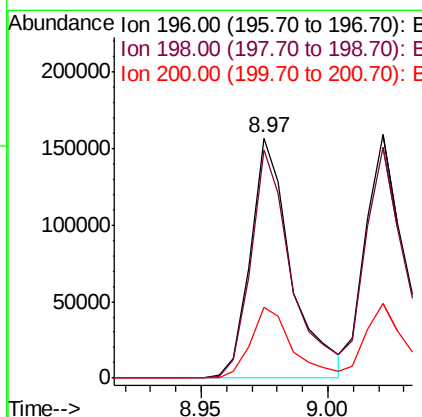
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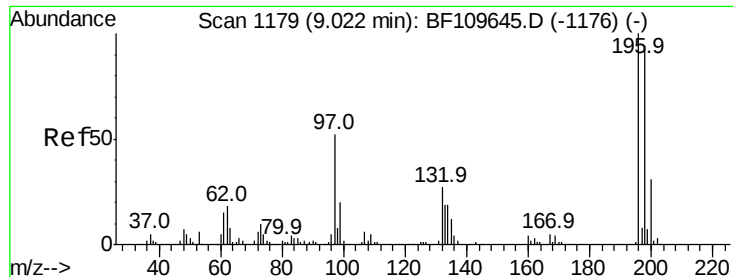
Sohil
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#42
 2,4,6-Trichlorophenol
 Concen: 47.813 ng
 RT: 8.97 min Scan# 1171
 Delta R.T. -0.00 min
 Lab File: BF109781.D
 Acq: 11 Oct 2018 9:58

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	175539		
198	95.0	76.2	114.4	
200	29.6	24.4	36.6	





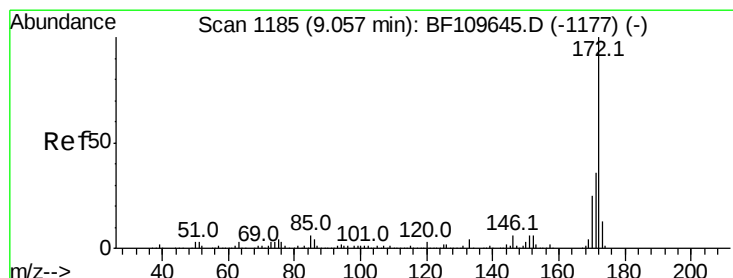
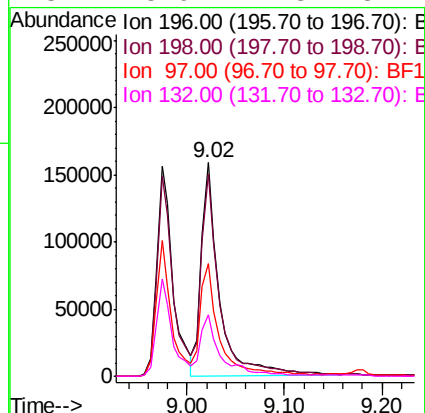
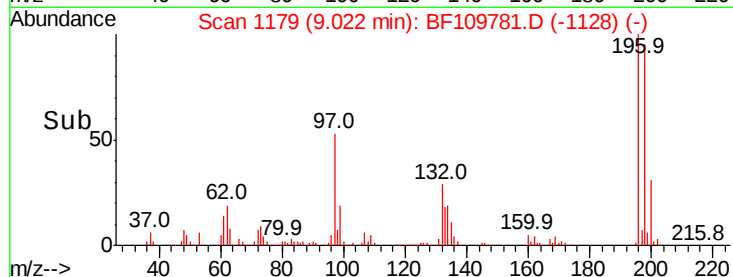
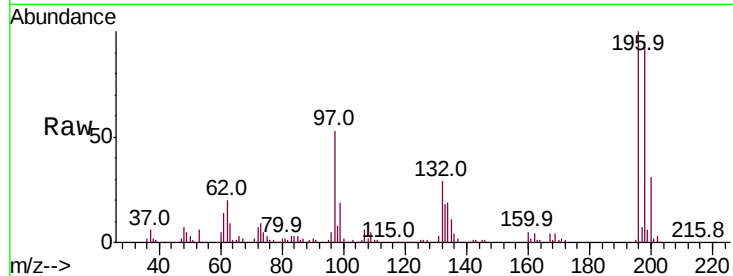
#43
 2,4,5-Trichlorophenol
 Concen: 47.962 ng
 RT: 9.02 min Scan# 1179
 Delta R.T. -0.00 min
 Lab File: BF109781.D
 Acq: 11 Oct 2018 9:58

Instrument :
 BNA_F
 ClientSampleId :
 PB113623BS

Tot Ion	Ratio	Resp Lower	Upper
196	100		
198	94.7	75.8	113.6
97	52.8	42.4	63.6
132	28.9	22.8	34.2

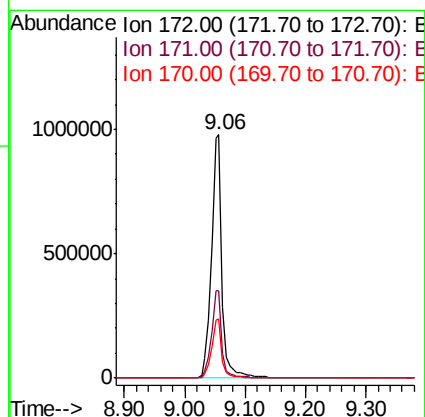
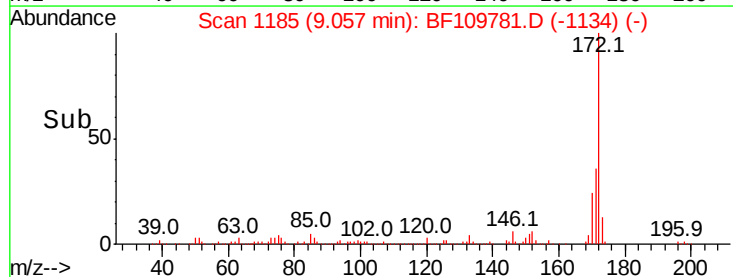
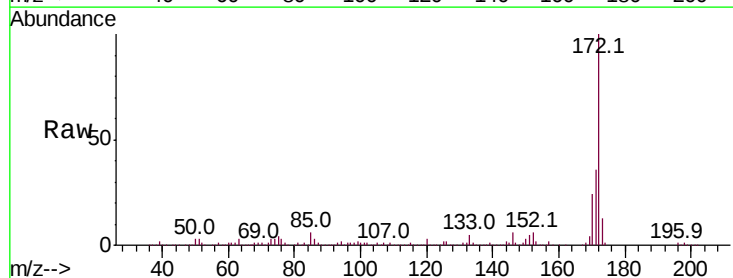
Manual Integrations
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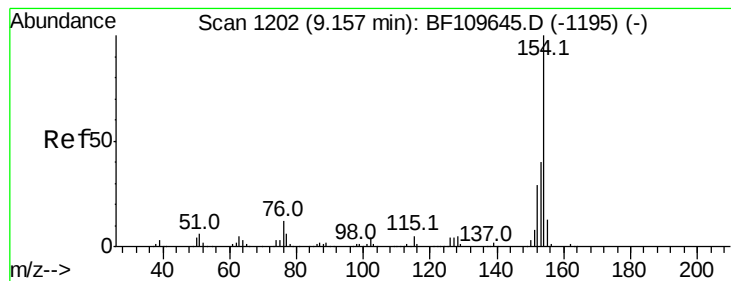
Sohil
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#44
 2-Fluorobiphenyl
 Concen: 92.029 ng
 RT: 9.06 min Scan# 1185
 Delta R.T. -0.00 min
 Lab File: BF109781.D
 Acq: 11 Oct 2018 9:58

Tgt Ion	Ratio	Resp Lower	Upper
172	100		
171	35.9	28.6	43.0
170	24.3	19.7	29.5





#45

1,1'-Biphenyl

Concen: 46.005 ng

RT: 9.15 min Scan# 1201

Delta R.T. -0.01 min

Lab File: BF109781.D

Acq: 11 Oct 2018 9:58

Instrument :

BNA_F

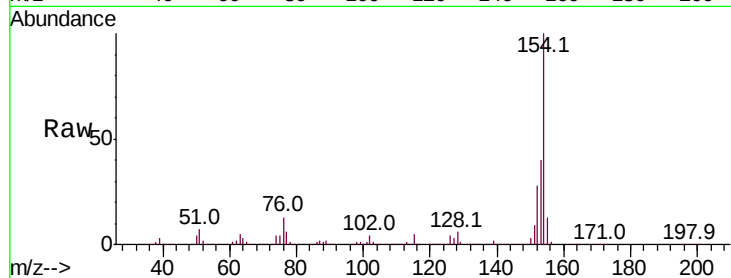
ClientSampleId :

PB113623BS

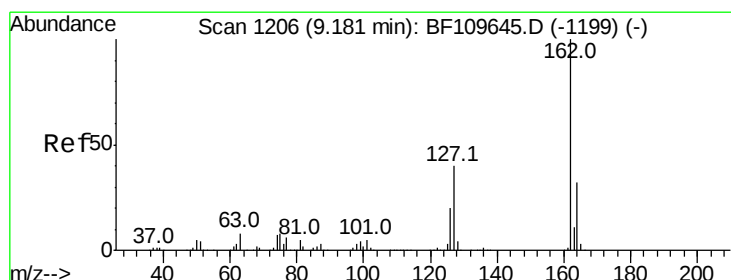
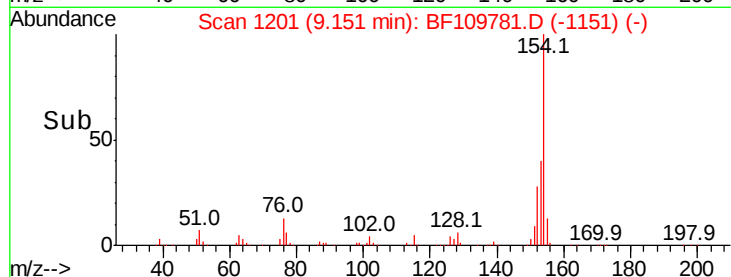
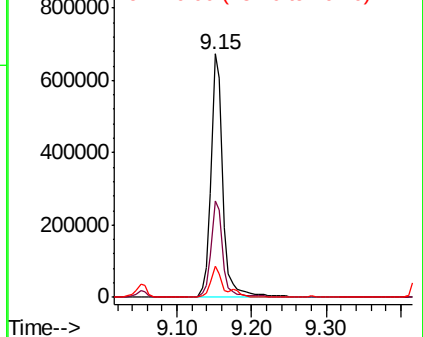
Tot Ion:	154	Resp:	741494
Ion Ratio	Lower	Upper	
154	100		
153	39.7	20.4	60.4
76	12.7	0.0	31.9

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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: 46.717 ng

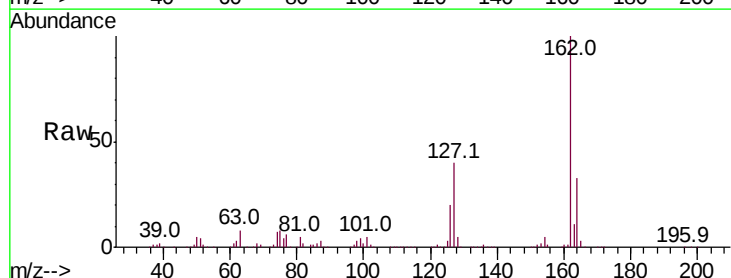
RT: 9.18 min Scan# 1206

Delta R.T. -0.00 min

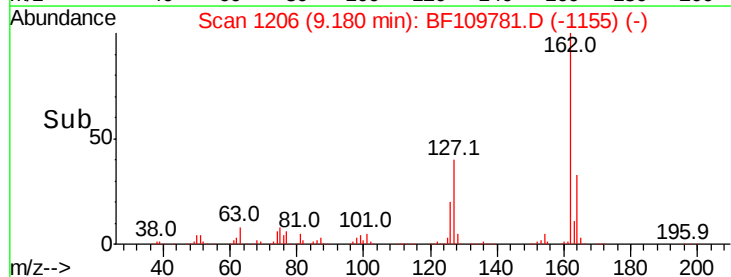
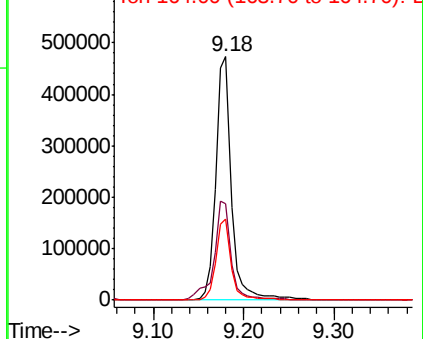
Lab File: BF109781.D

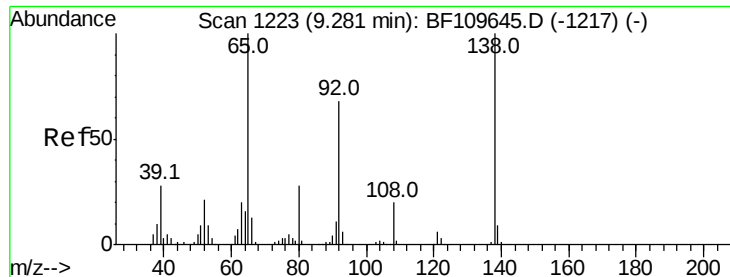
Acq: 11 Oct 2018 9:58

Tgt Ion:	162	Resp:	564123
Ion Ratio	Lower	Upper	
162	100		
127	39.8	32.6	48.8
164	33.3	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: 50.809 ng

RT: 9.28 min Scan# 1223

Delta R.T. -0.00 min

Lab File: BF109781.D

Acq: 11 Oct 2018 9:58

Instrument :

BNA_F

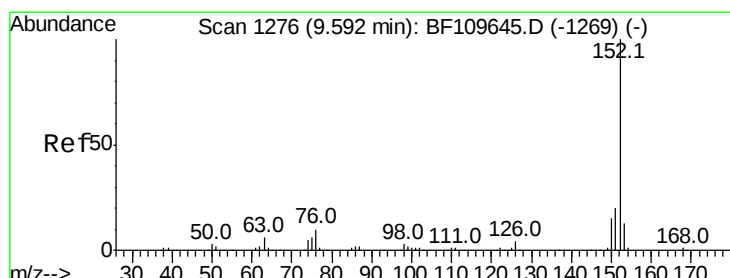
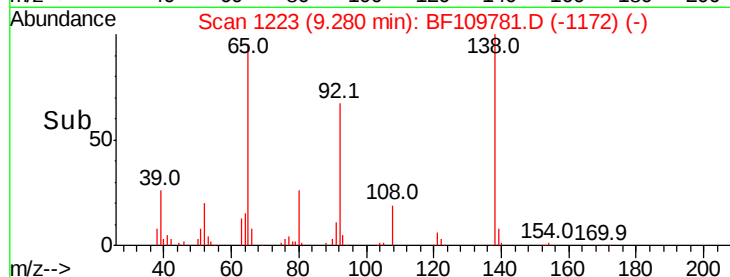
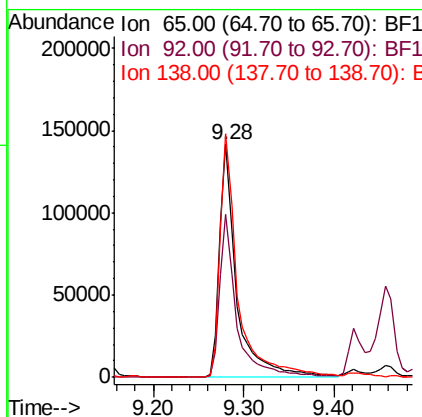
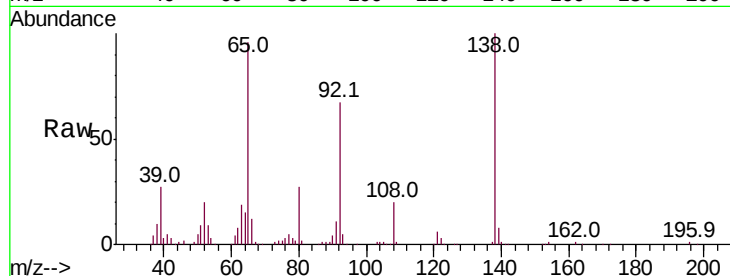
ClientSampleId :

PB113623BS

Tot Ion:	65	Resp:	185774
Ion Ratio	Lower	Upper	
65	100		
92	69.8	54.6	81.8
138	104.4	80.3	120.5

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#48

Acenaphthylene

Concen: 51.067 ng

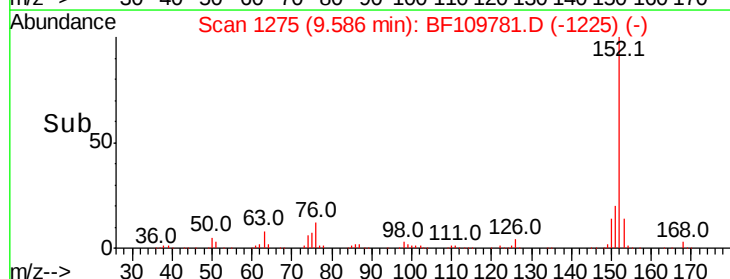
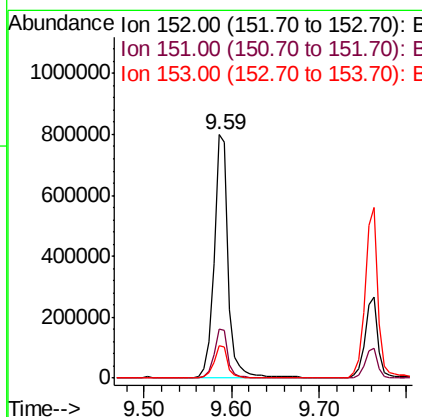
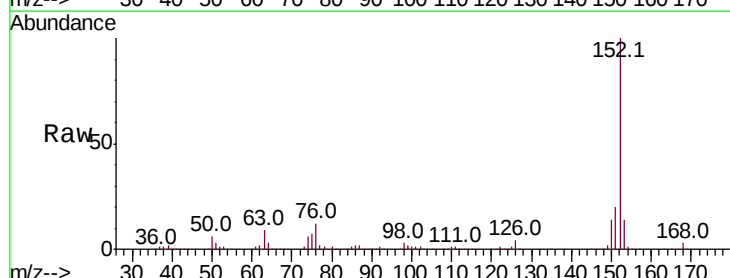
RT: 9.59 min Scan# 1275

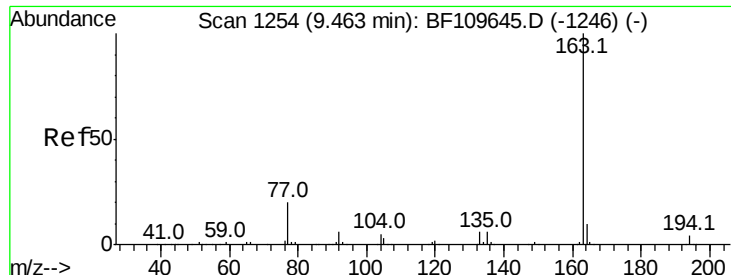
Delta R.T. -0.01 min

Lab File: BF109781.D

Acq: 11 Oct 2018 9:58

Tgt Ion:	152	Resp:	898989
Ion Ratio	Lower	Upper	
152	100		
151	20.2	15.8	23.8
153	13.6	10.4	15.6





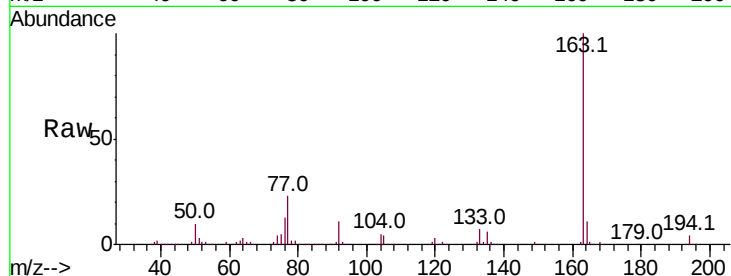
#49
Dimethylphthalate
Concen: 52.402 ng
RT: 9.46 min Scan# 1253
Delta R.T. -0.01 min
Lab File: BF109781.D
Acq: 11 Oct 2018 9:58

Instrument :
BNA_F
ClientSampleId :
PB113623BS

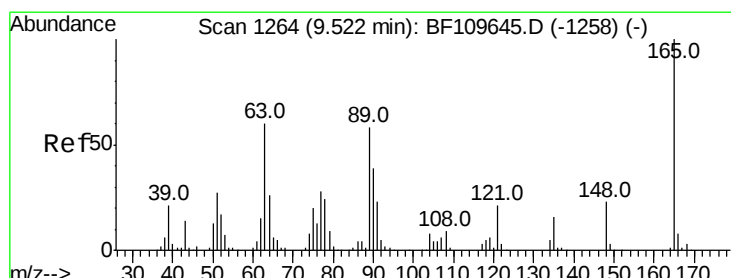
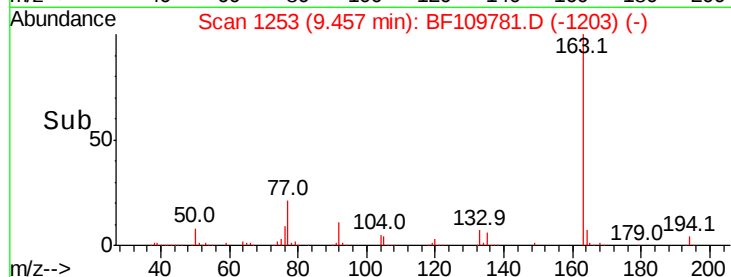
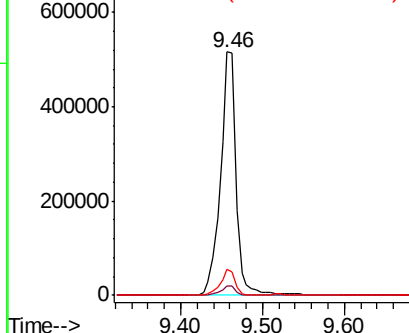
Tot Ion	Ratio	Resp	Lower	Upper
163	100	693386		
194	3.7		3.2	4.8
164	10.5		8.1	12.1

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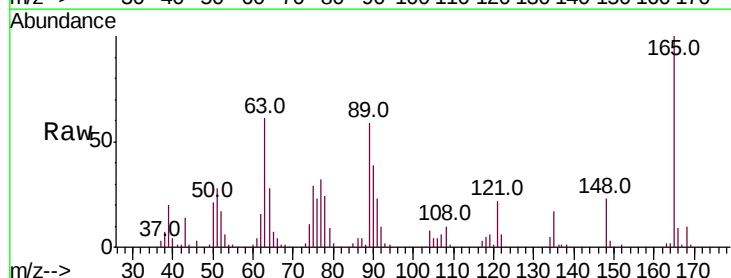


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

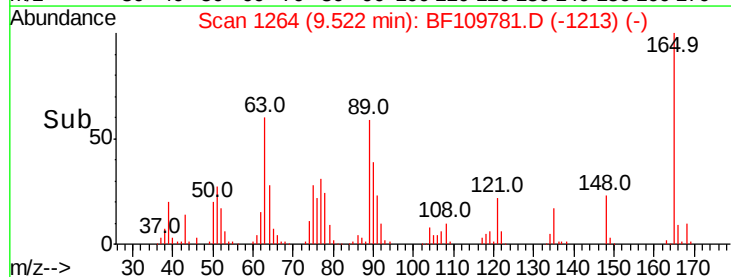
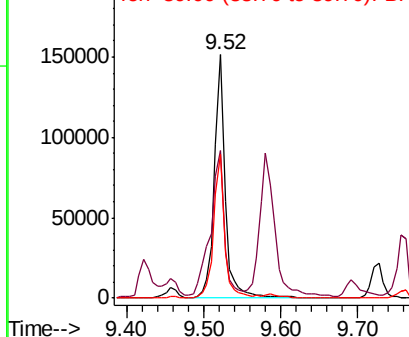


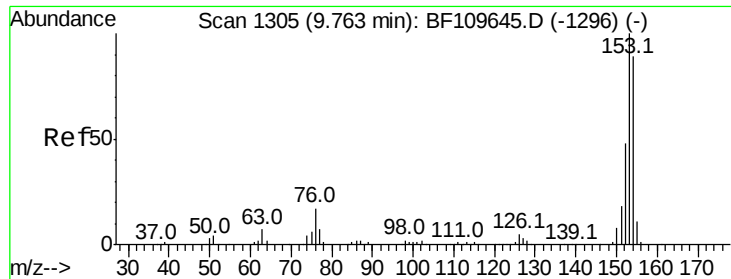
#50
2,6-Dinitrotoluene
Concen: 51.164 ng
RT: 9.52 min Scan# 1264
Delta R.T. -0.00 min
Lab File: BF109781.D
Acq: 11 Oct 2018 9:58

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	146754		
63	60.6		48.9	73.3
89	59.2		46.6	69.8



Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 89.00 (88.70 to 89.70): BF1





#51

Acenaphthene

Concen: 47.852 ng

RT: 9.76 min Scan# 1305

Delta R.T. -0.00 min

Lab File: BF109781.D

Acq: 11 Oct 2018 9:58

Instrument :

BNA_F

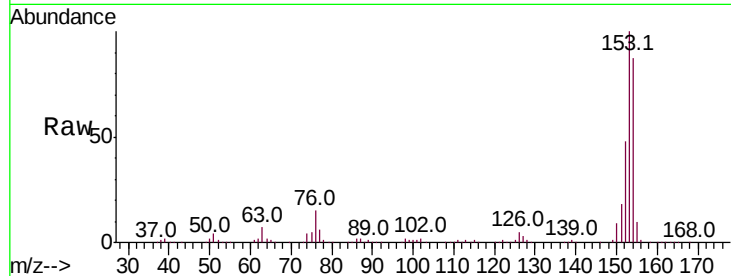
ClientSampleId :

PB113623BS

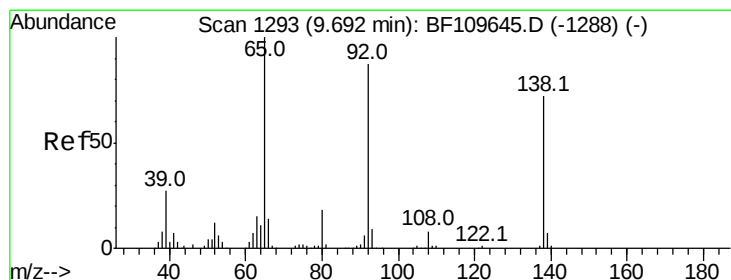
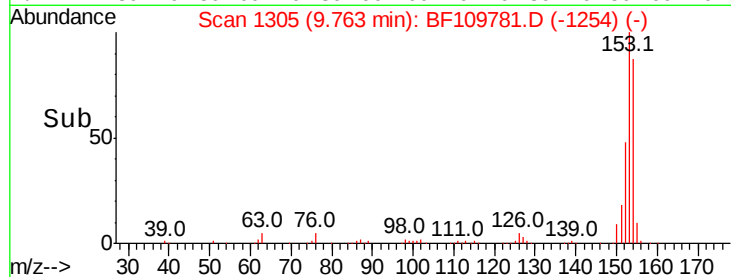
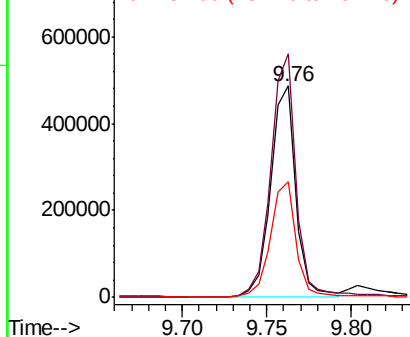
Tot Ion:	154	Resp:	499375
Ion Ratio	Lower	Upper	
154	100		
153	115.3	90.1	135.1
152	55.0	43.4	65.2

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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: 24.607 ng

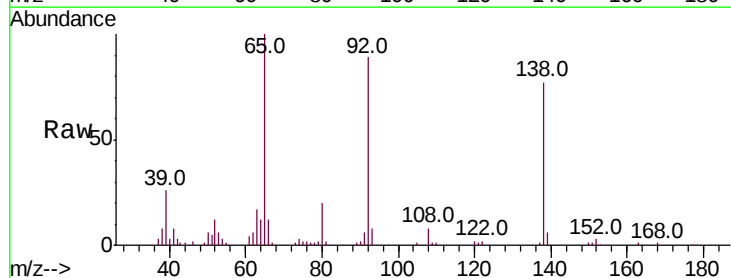
RT: 9.69 min Scan# 1293

Delta R.T. -0.00 min

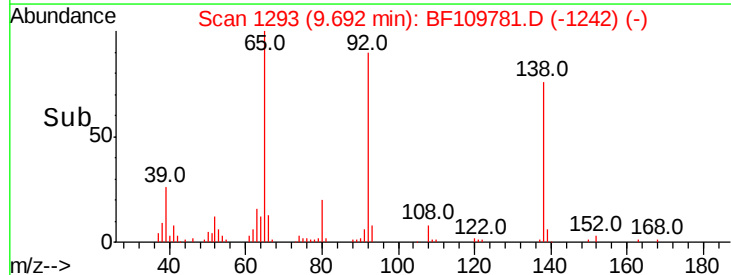
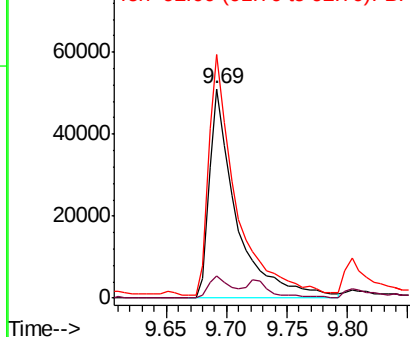
Lab File: BF109781.D

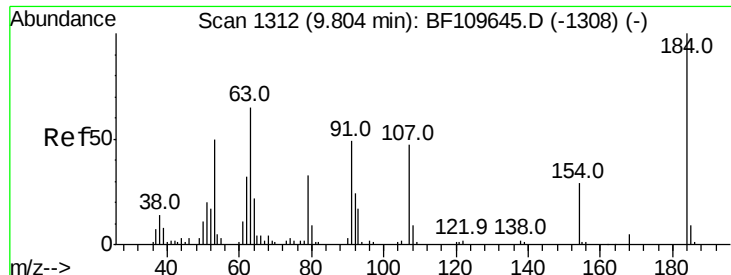
Acq: 11 Oct 2018 9:58

Tgt Ion:	138	Resp:	79116
Ion Ratio	Lower	Upper	
138	100		
108	10.6	8.7	13.1
92	116.4	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





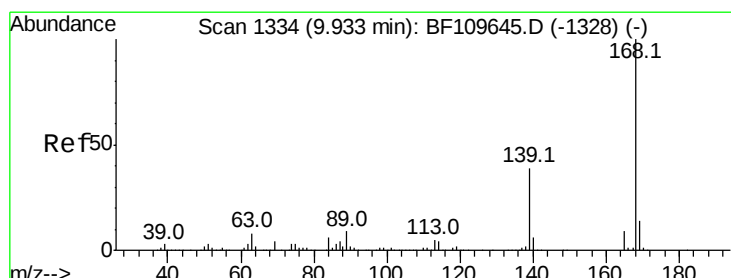
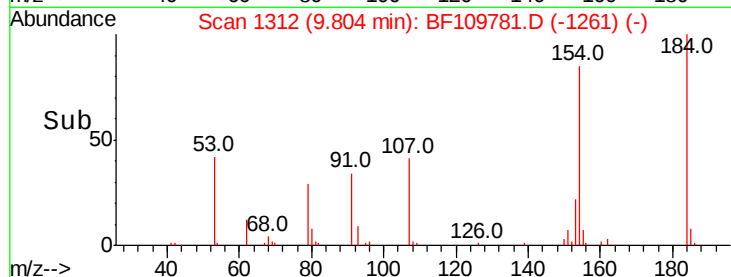
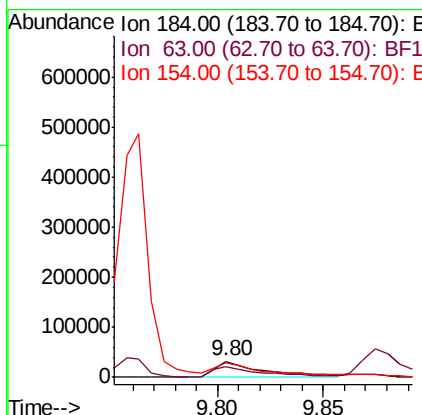
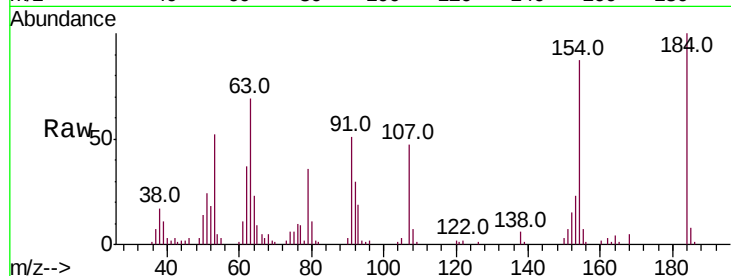
#53
 2,4-Dinitrophenol
 Concen: 54.352 ng
 RT: 9.80 min Scan# 1312
 Delta R.T. -0.00 min
 Lab File: BF109781.D
 Acq: 11 Oct 2018 9:58

Instrument :
 BNA_F
 ClientSampleId :
 PB113623BS

Tot Ion	Ratio	Resp	Lower	Upper
184	100	50298		
63	69.4		55.8	83.6
154	86.7		63.2	94.8

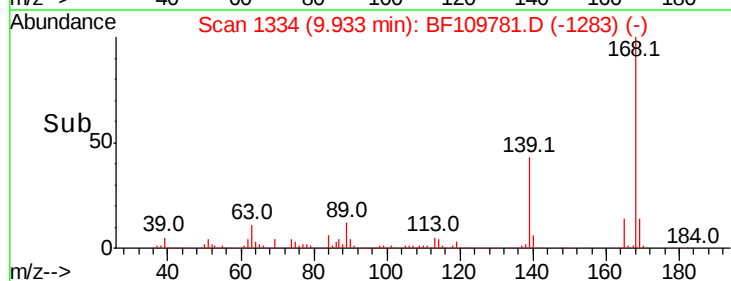
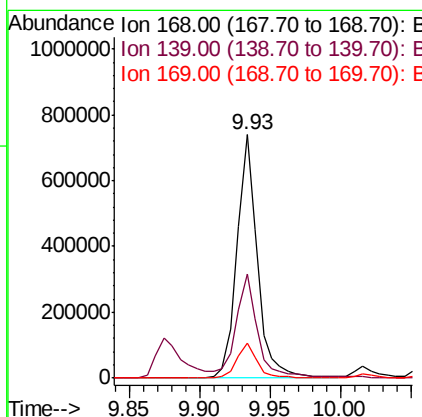
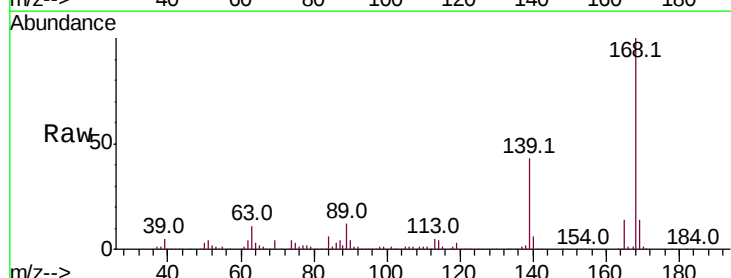
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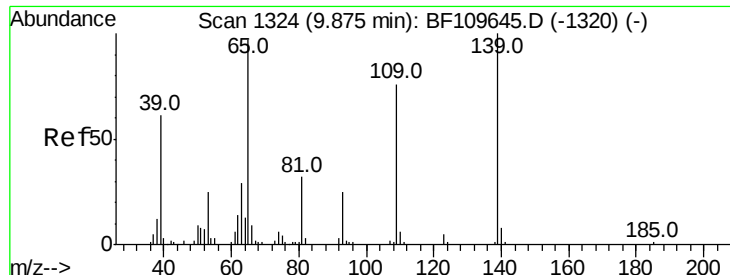
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#54
 Dibenzofuran
 Concen: 47.989 ng
 RT: 9.93 min Scan# 1334
 Delta R.T. -0.00 min
 Lab File: BF109781.D
 Acq: 11 Oct 2018 9:58

Tgt Ion	Ratio	Resp	Lower	Upper
168	100	750687		
139	42.6		33.0	49.6
169	14.4		11.3	16.9





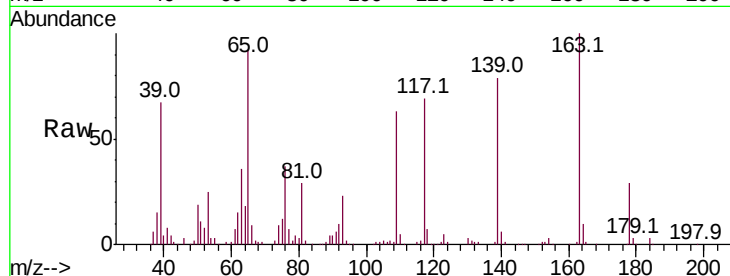
#55
4-Nitrophenol
Concen: 92.831 ng
RT: 9.87 min Scan# 1324
Delta R.T. -0.00 min
Lab File: BF109781.D
Acq: 11 Oct 2018 9:58

Instrument :
BNA_F
ClientSampleId :
PB113623BS

Tot Ion	Ratio	Resp	Lower	Upper
139	100			
109	80.5	55.8	95.8	
65	116.2	77.9	117.9	

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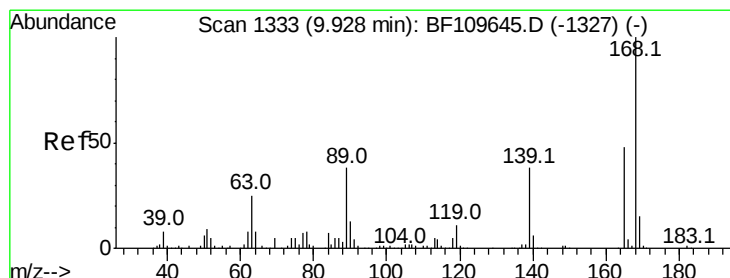
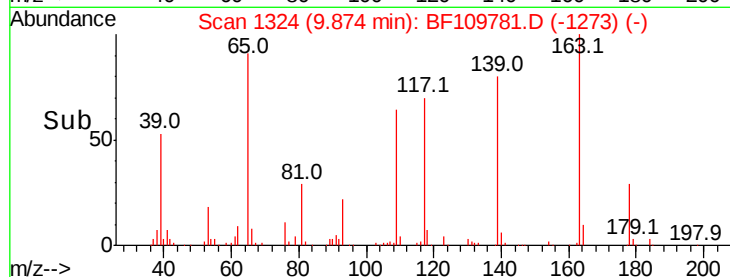
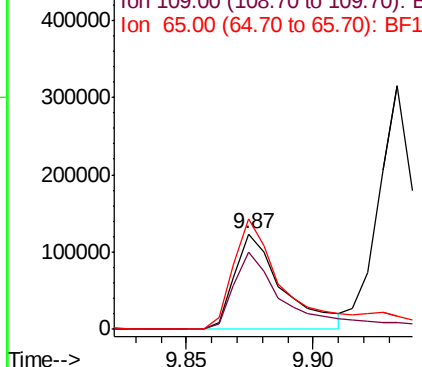


Abundance

Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF1



#56
2,4-Dinitrotoluene
Concen: 51.053 ng
RT: 9.93 min Scan# 1333
Delta R.T. -0.00 min
Lab File: BF109781.D
Acq: 11 Oct 2018 9:58

Tgt Ion	Ratio	Resp	Lower	Upper
165	100			
63	64.5	44.8	67.2	
89	85.7	62.2	93.4	
182	2.5	2.1	3.1	

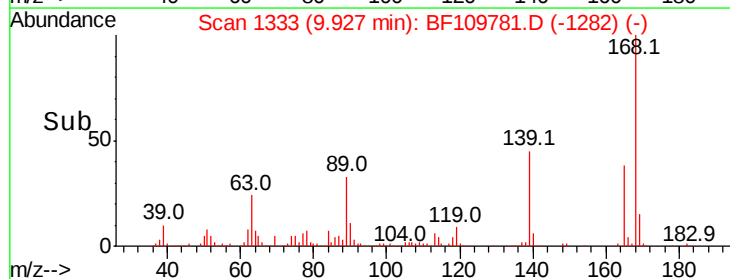
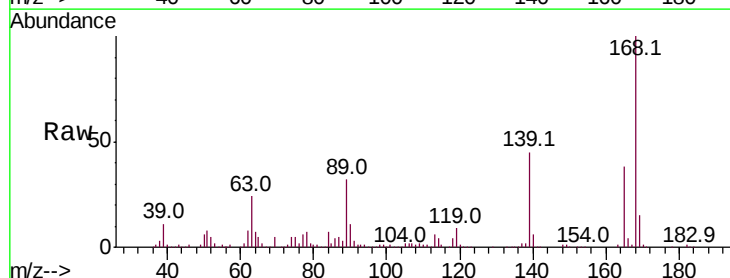
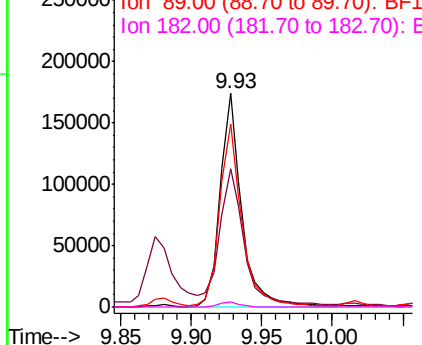
Abundance

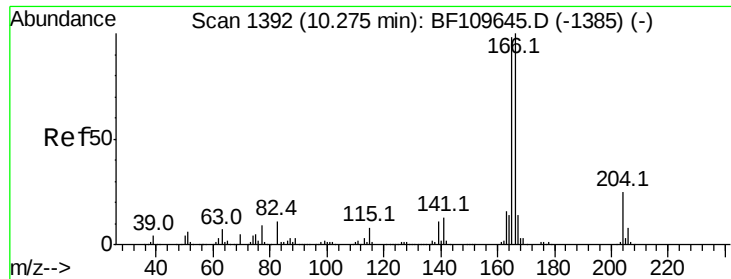
Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E





#57

Fluorene

Concen: 51.782 ng

RT: 10.27 min Scan# 1392

Delta R.T. -0.00 min

Lab File: BF109781.D

Acq: 11 Oct 2018 9:58

Instrument :

BNA_F

ClientSampleId :

PB113623BS

Tot Ion:166 Resp: 604915

Ion Ratio Lower Upper

166 100

165 97.4 78.6 117.8

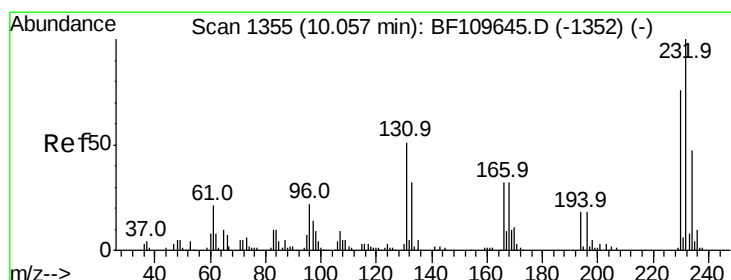
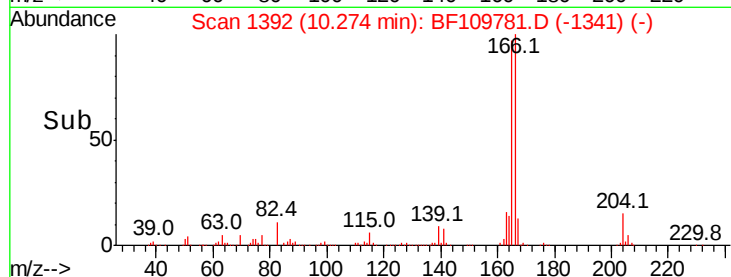
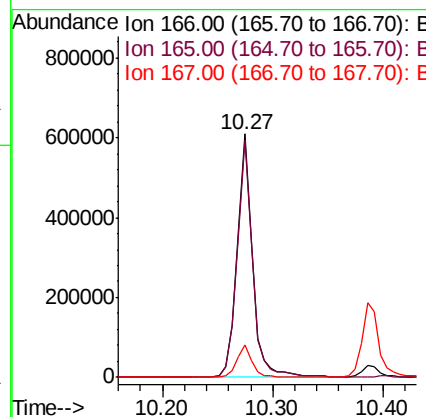
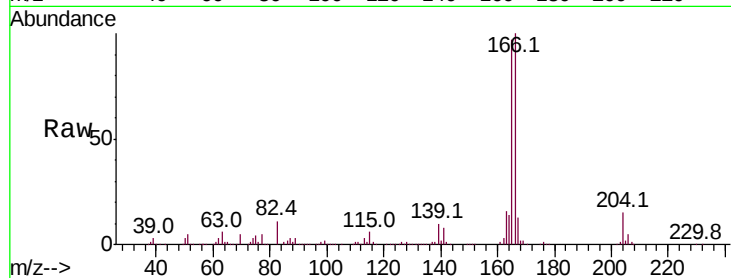
167 13.3 10.8 16.2

Manual Integrations

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#58

2,3,4,6-Tetrachlorophenol

Concen: 49.096 ng

RT: 10.06 min Scan# 1355

Delta R.T. -0.00 min

Lab File: BF109781.D

Acq: 11 Oct 2018 9:58

Tgt Ion:232 Resp: 168470

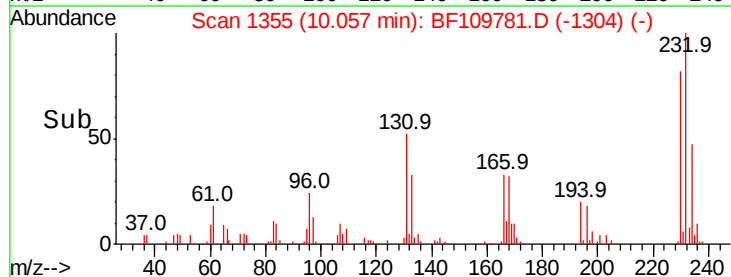
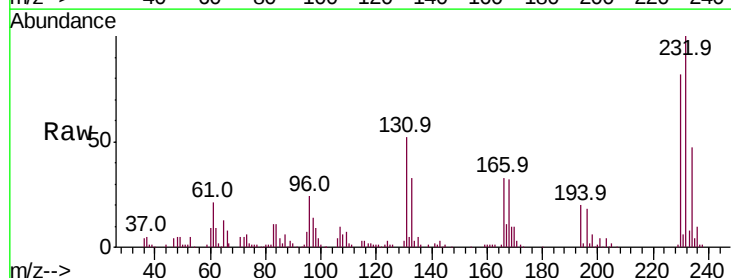
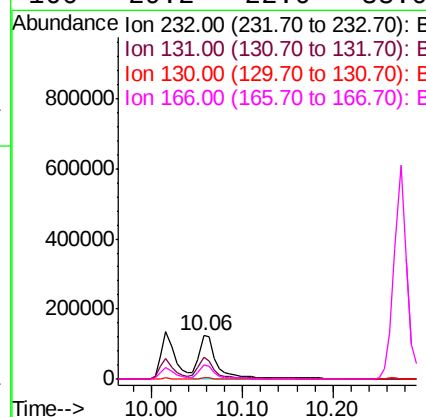
Ion Ratio Lower Upper

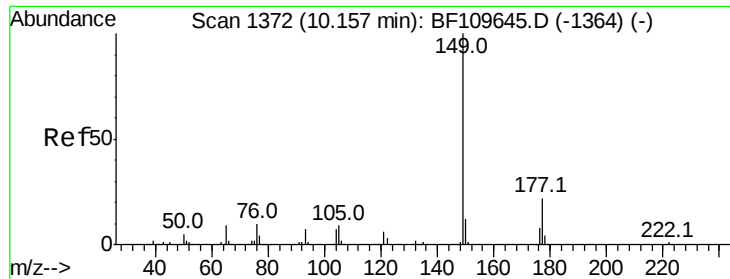
232 100

131 44.2 37.0 55.4

130 2.3 1.8 2.6

166 29.2 22.0 33.0





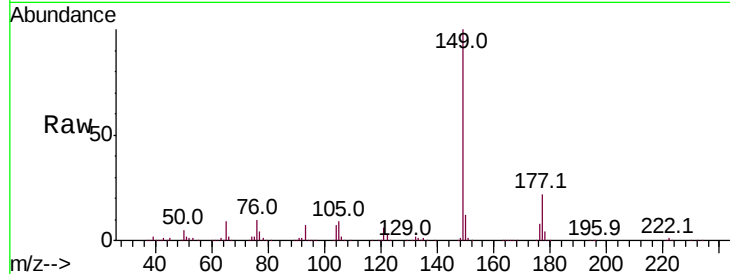
#59
Diethylphthalate
Concen: 52.489 ng
RT: 10.16 min Scan# 1372
Delta R.T. -0.00 min
Lab File: BF109781.D
Acq: 11 Oct 2018 9:58

Instrument :
BNA_F
ClientSampleId :
PB113623BS

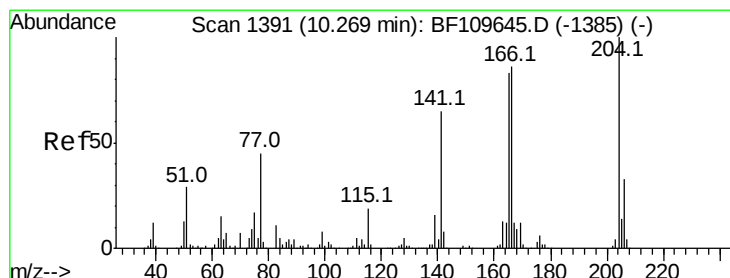
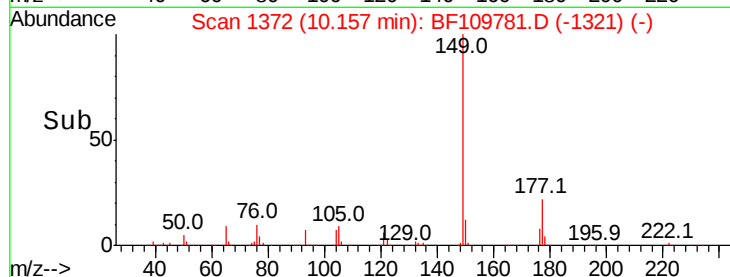
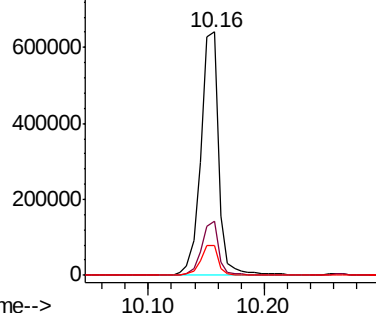
Tot Ion	Ratio	Resp	Lower	Upper
149	100	688165		
177	22.2	17.4	26.2	
150	12.2	9.8	14.8	

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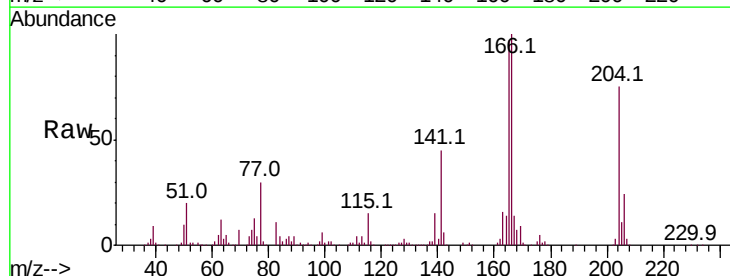


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

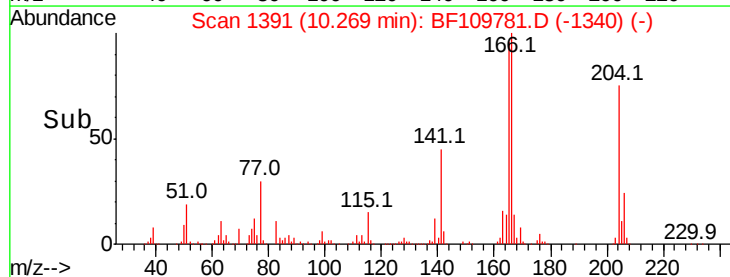
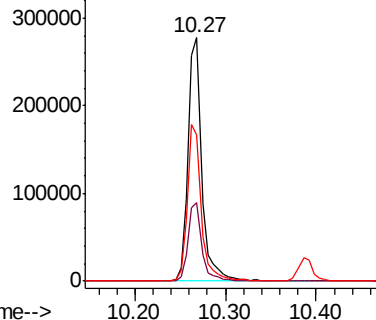


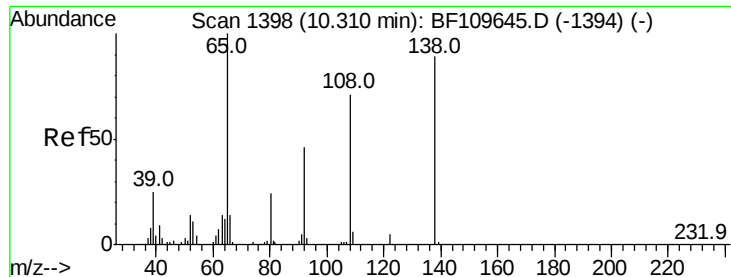
#60
4-Chlorophenyl-phenylether
Concen: 47.366 ng
RT: 10.27 min Scan# 1391
Delta R.T. -0.00 min
Lab File: BF109781.D
Acq: 11 Oct 2018 9:58

Tgt Ion	Ratio	Resp	Lower	Upper
204	100	291912		
206	32.2	26.5	39.7	
141	60.0	51.8	77.8	



Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E





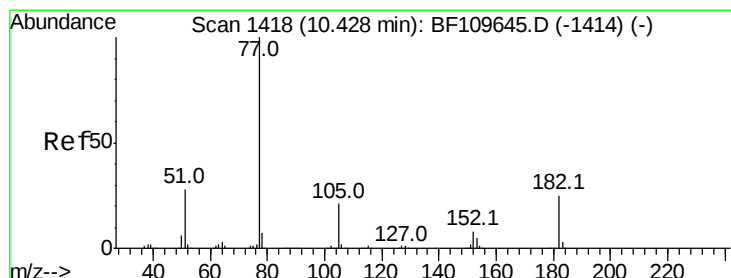
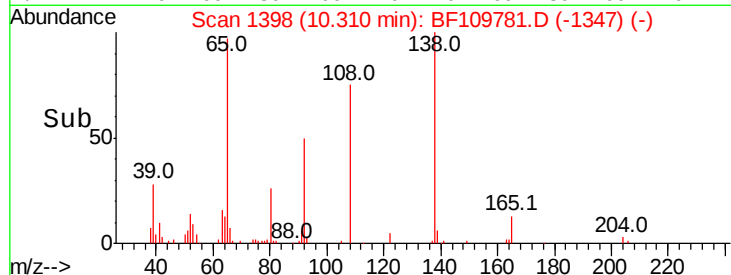
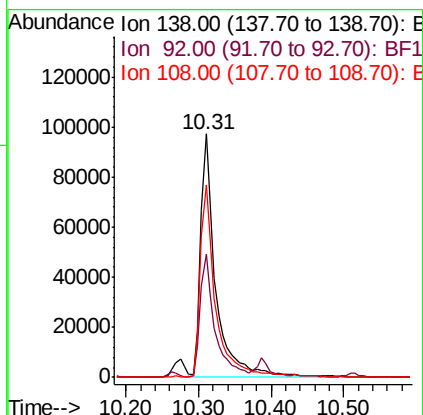
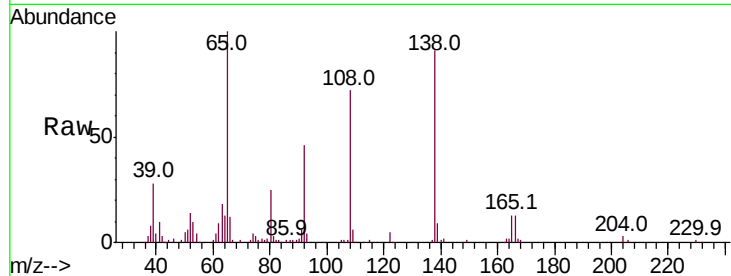
#61
4-Nitroaniline
Concen: 46.717 ng
RT: 10.31 min Scan# 1398
Delta R.T. -0.00 min
Lab File: BF109781.D
Acq: 11 Oct 2018 9:58

Instrument :
BNA_F
ClientSampleId :
PB113623BS

Tot Ion	Ratio	Lower	Upper
138	100		
92	50.5	31.7	71.7
108	78.9	59.3	99.3

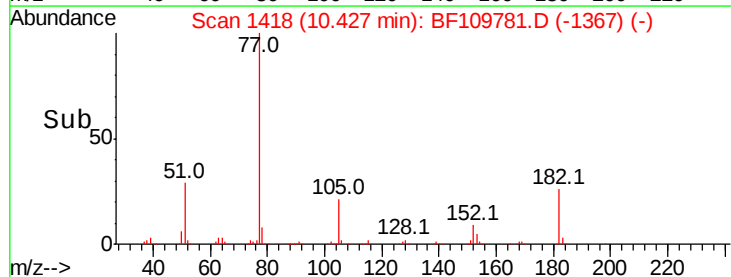
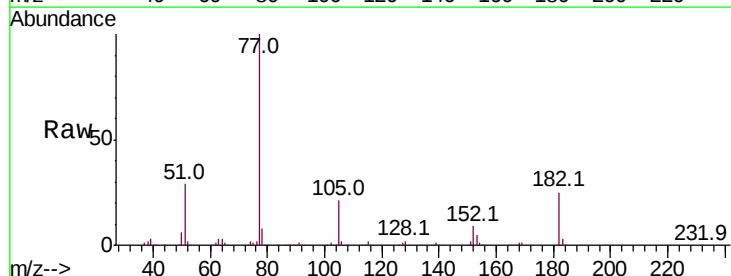
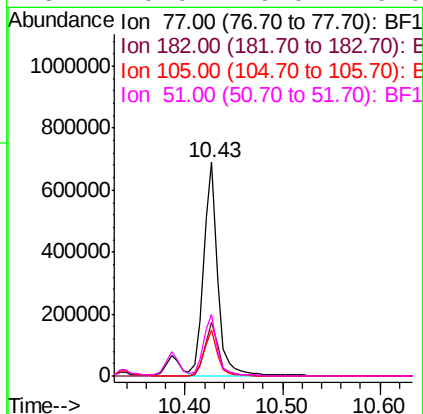
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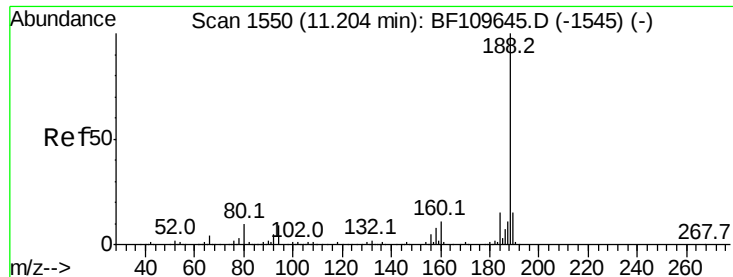
Sohil
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#62
Azobenzene
Concen: 51.097 ng
RT: 10.43 min Scan# 1418
Delta R.T. -0.00 min
Lab File: BF109781.D
Acq: 11 Oct 2018 9:58

Tgt Ion	Ratio	Lower	Upper
77	100		
182	25.5	4.3	44.3
105	21.5	1.3	41.3
51	29.0	9.0	49.0





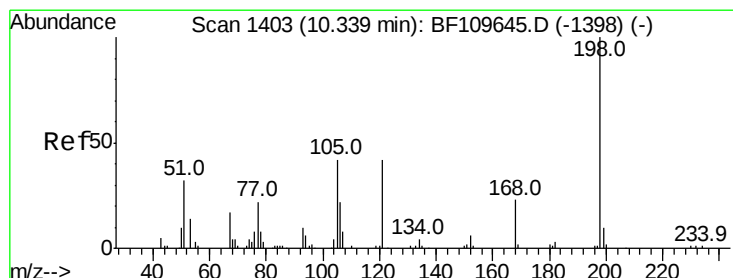
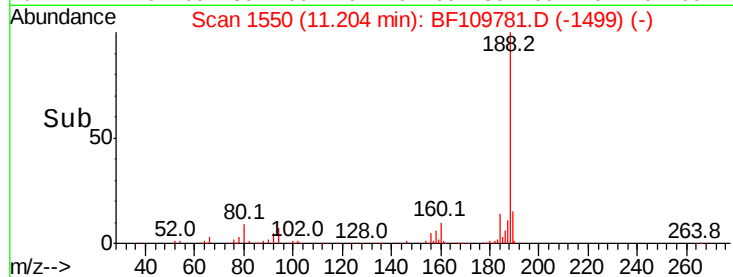
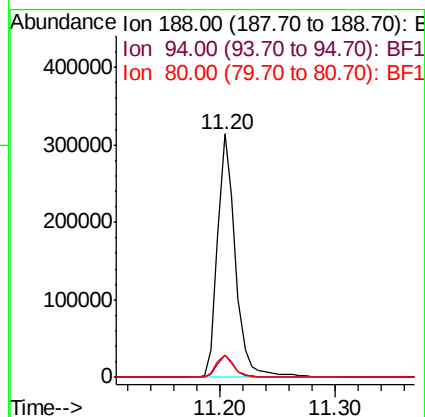
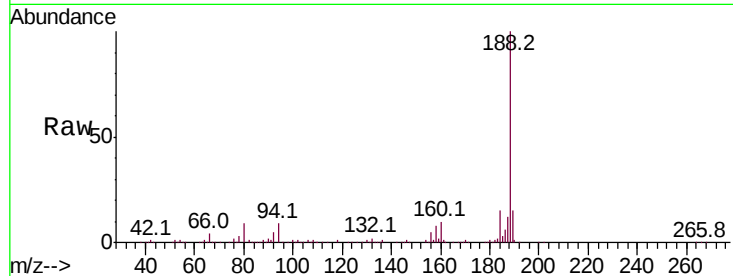
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.20 min Scan# 1550
Delta R.T. -0.00 min
Lab File: BF109781.D
Acq: 11 Oct 2018 9:58

Instrument :
BNA_F
ClientSampleId :
PB113623BS

Tot Ion	Ratio	Resp	Lower	Upper
188	100	337574		
94	8.9		7.2	10.8
80	9.2		7.9	11.9

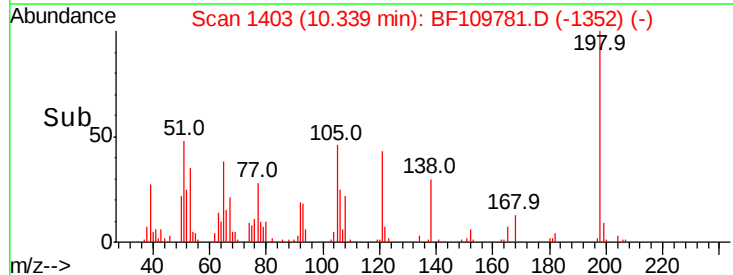
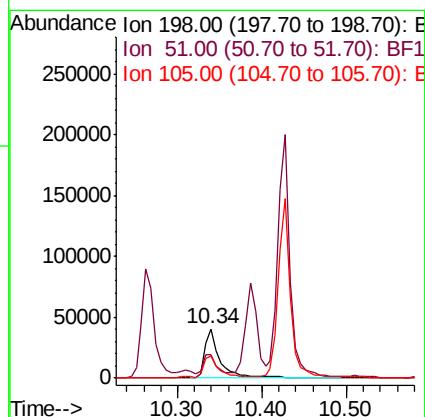
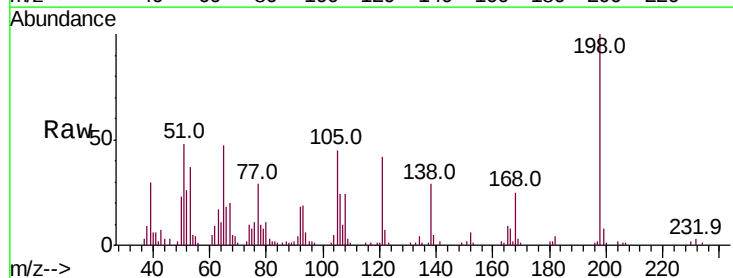
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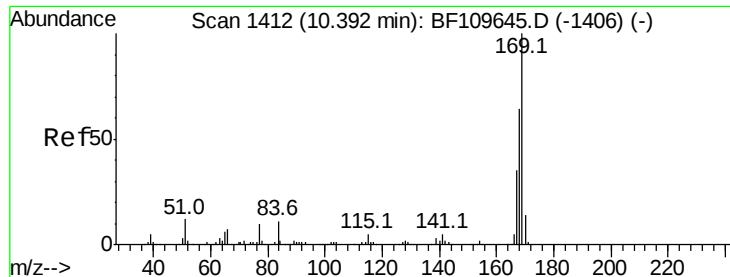
Sohil
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#64
4,6-Dinitro-2-methylphenol
Concen: 30.590 ng
RT: 10.34 min Scan# 1403
Delta R.T. -0.00 min
Lab File: BF109781.D
Acq: 11 Oct 2018 9:58

Tgt Ion	Ratio	Resp	Lower	Upper
198	100	50261		
51	48.4		22.8	62.8
105	45.5		23.6	63.6





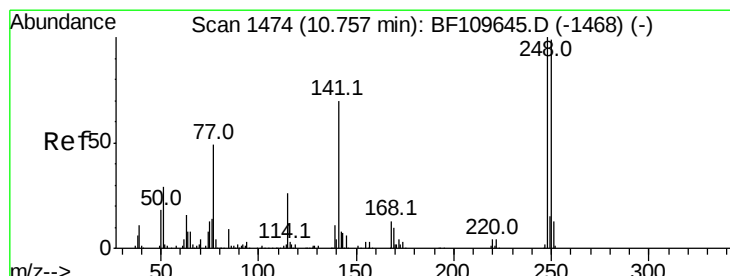
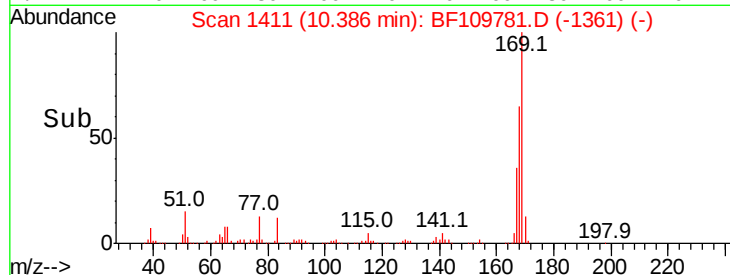
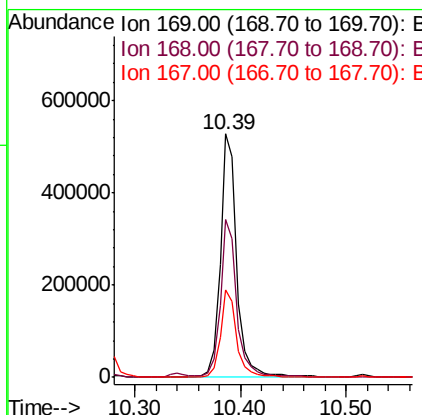
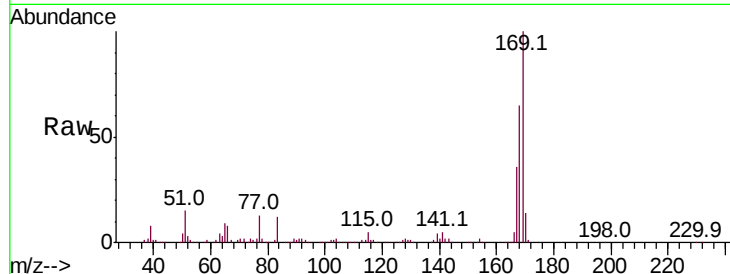
#65
n-Nitrosodiphenylamine
Concen: 49.970 ng
RT: 10.39 min Scan# 1411
Delta R.T. -0.01 min
Lab File: BF109781.D
Acq: 11 Oct 2018 9:58

Instrument :
BNA_F
ClientSampleId :
PB113623BS

Tot Ion	Ratio	Resp	Lower	Upper
169	100	571854		
168	65.0		51.2	76.8
167	35.7		27.8	41.6

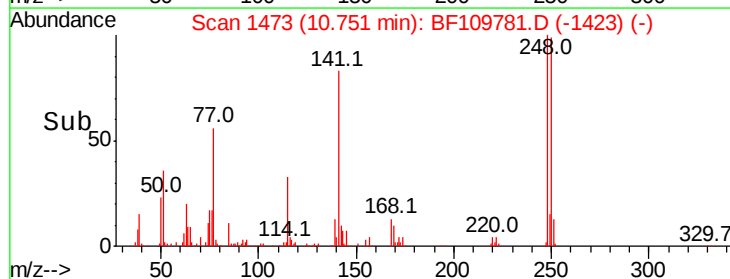
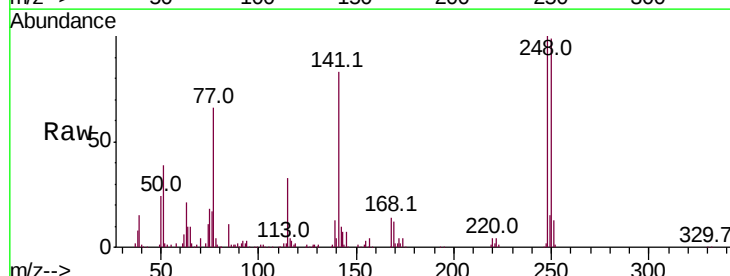
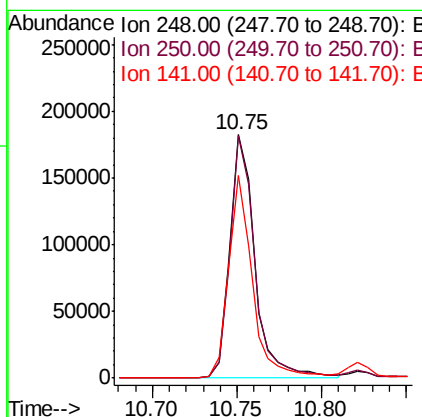
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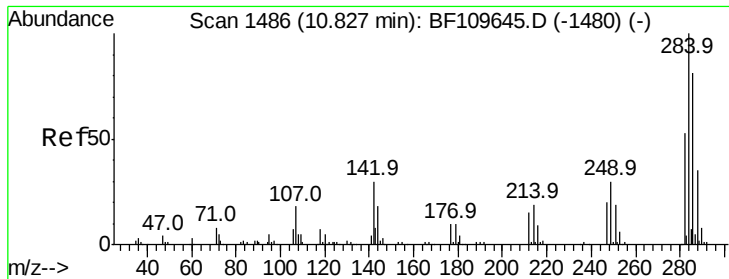
Sohil
10/11/2018 2:03:07 PM



#66
4-Bromophenyl-phenylether
Concen: 48.717 ng
RT: 10.75 min Scan# 1473
Delta R.T. -0.01 min
Lab File: BF109781.D
Acq: 11 Oct 2018 9:58

Tgt Ion	Ratio	Resp	Lower	Upper
248	100	188962		
250	99.5		79.4	119.2
141	83.2		55.9	83.9





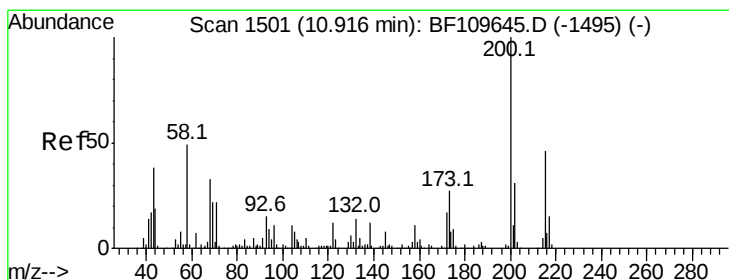
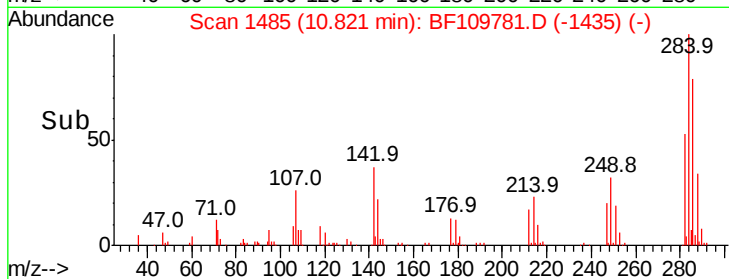
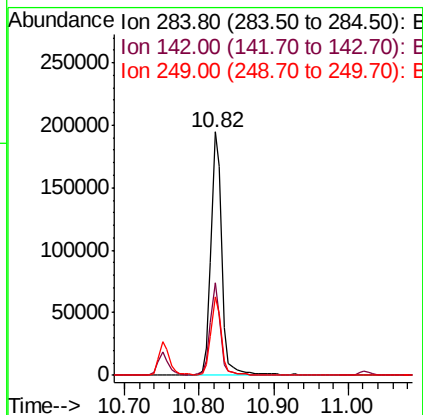
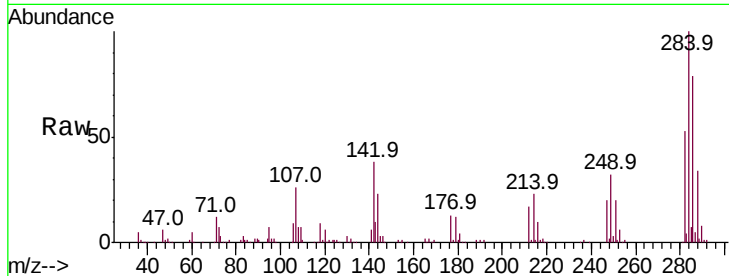
#67
Hexachlorobenzene
Concen: 47.016 ng
RT: 10.82 min Scan# 1485
Delta R.T. -0.01 min
Lab File: BF109781.D
Acq: 11 Oct 2018 9:58

Instrument :
BNA_F
ClientSampled :
PB113623BS

Tot Ion	Ratio	Resp	Lower	Upper
284	100	197472		
142	38.0	23.9	35.9#	
249	32.5	24.2	36.2	

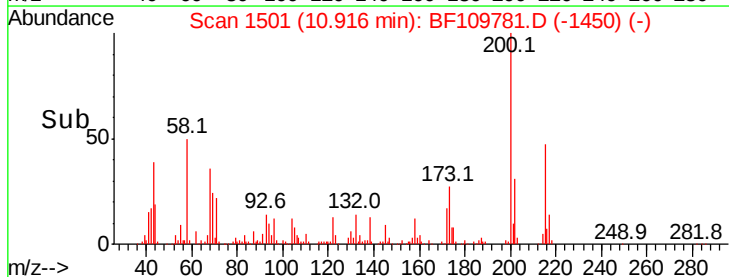
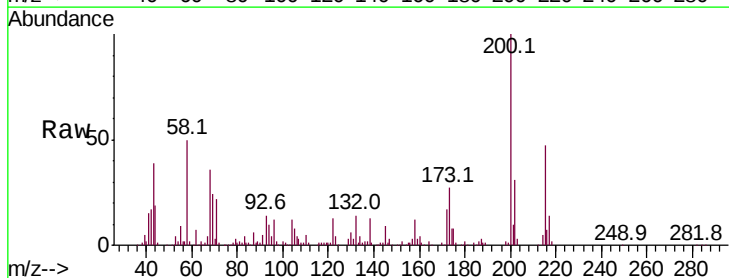
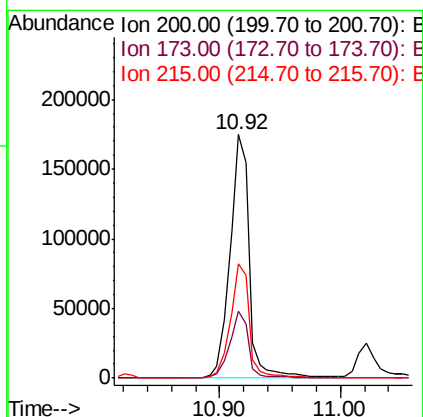
Manual Integrations
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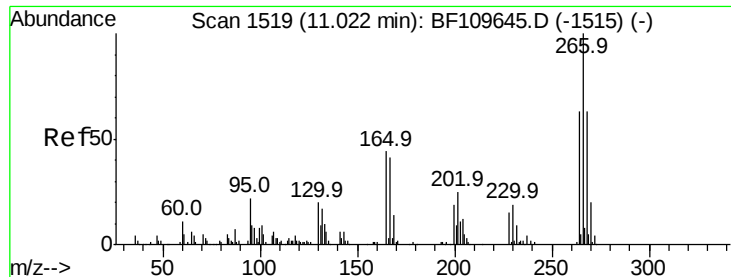
Sohil
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#68
Atrazine
Concen: 54.561 ng
RT: 10.92 min Scan# 1501
Delta R.T. -0.00 min
Lab File: BF109781.D
Acq: 11 Oct 2018 9:58

Tgt Ion	Ratio	Resp	Lower	Upper
200	100	194860		
173	27.4	6.6	46.6	
215	47.1	26.3	66.3	





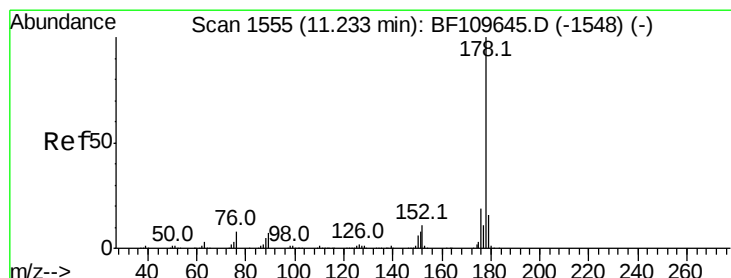
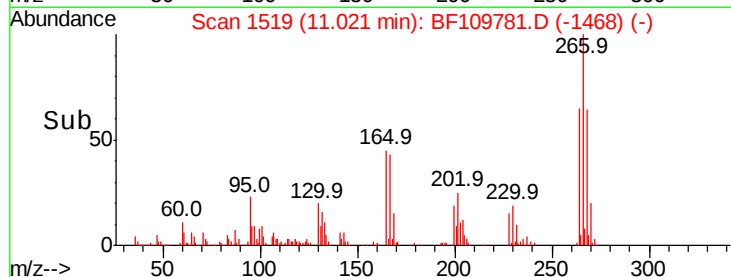
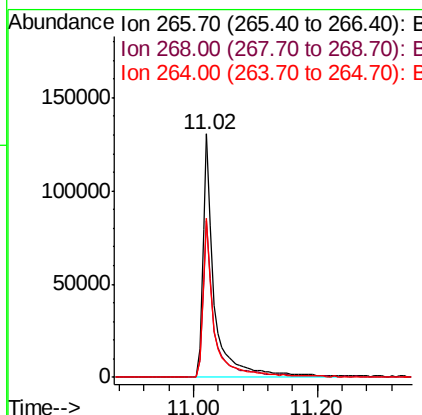
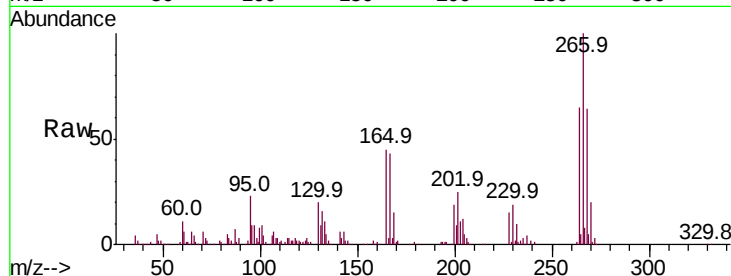
#69
 Pentachlorophenol
 Concen: 73.497 ng
 RT: 11.02 min Scan# 1519
 Delta R.T. -0.00 min
 Lab File: BF109781.D
 Acq: 11 Oct 2018 9:58

Instrument :
 BNA_F
 ClientSampleId :
 PB113623BS

Tot Ion	Ratio	Resp	Lower	Upper
266	100	173704		
268	64.1	50.6	75.8	
264	65.2	50.6	75.8	

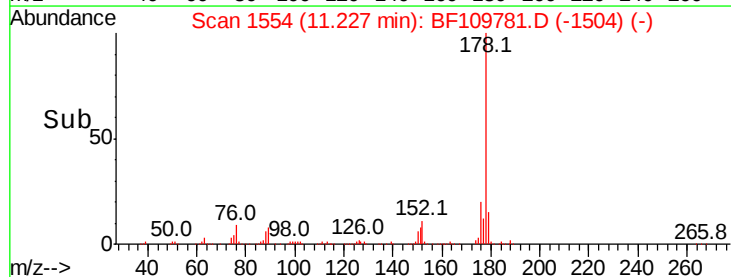
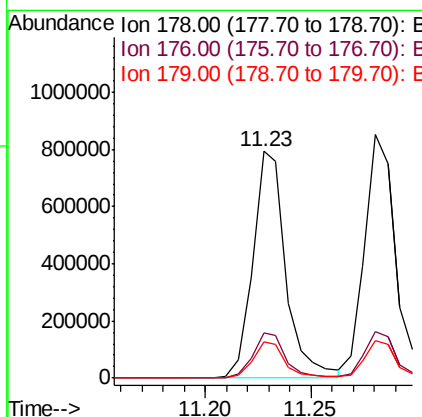
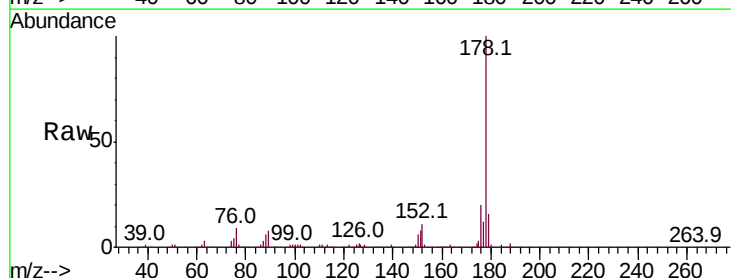
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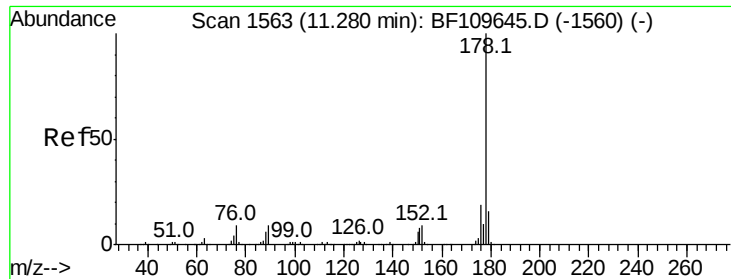
Sohil
 10/11/2018 2:03:07 PM



#70
 Phenanthrene
 Concen: 51.156 ng
 RT: 11.23 min Scan# 1554
 Delta R.T. -0.01 min
 Lab File: BF109781.D
 Acq: 11 Oct 2018 9:58

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	864205		
176	20.1	15.5	23.3	
179	15.9	12.5	18.7	





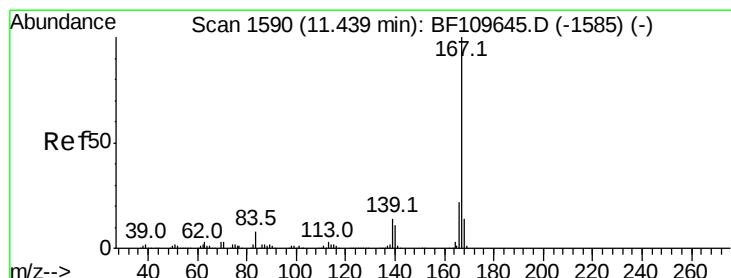
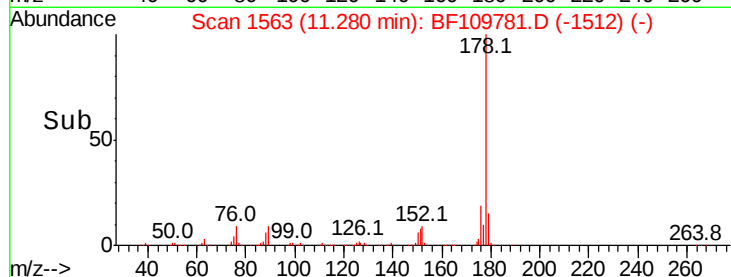
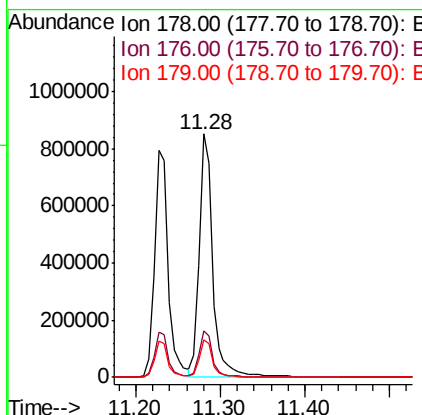
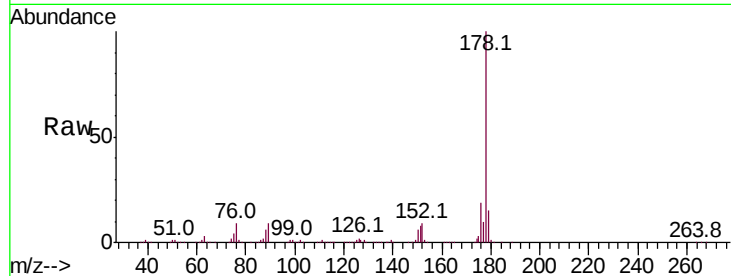
#71
 Anthracene
 Concen: 53.459 ng
 RT: 11.28 min Scan# 1563
 Delta R.T. -0.00 min
 Lab File: BF109781.D
 Acq: 11 Oct 2018 9:58

Instrument :
 BNA_F
 ClientSampleId :
 PB113623BS

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

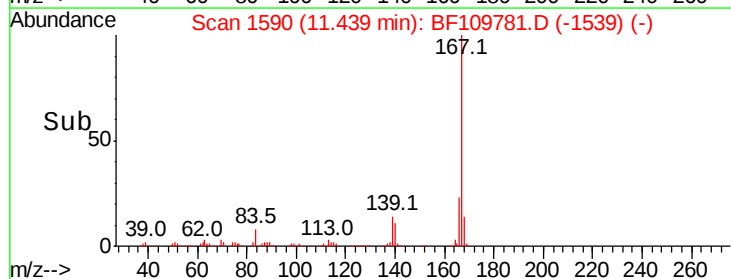
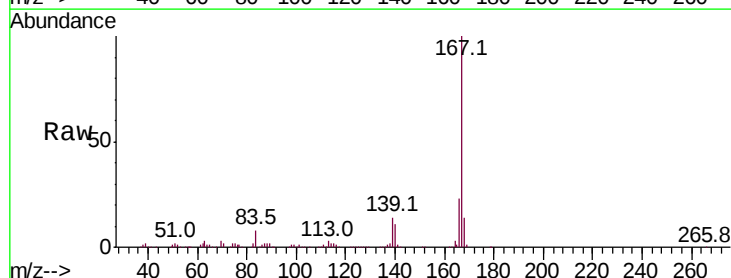
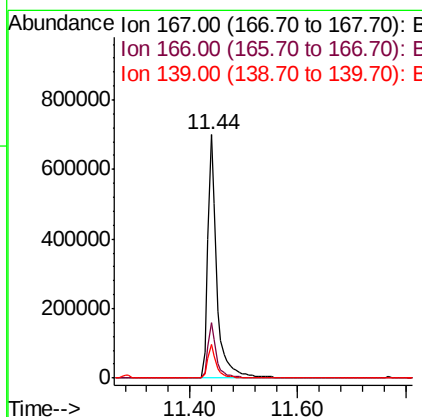
Manual Integrations
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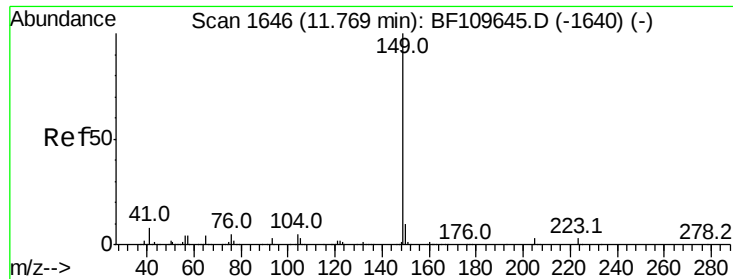
Sohil
 10/11/2018 2:03:07 PM



#72
 Carbazole
 Concen: 48.043 ng
 RT: 11.44 min Scan# 1590
 Delta R.T. -0.00 min
 Lab File: BF109781.D
 Acq: 11 Oct 2018 9:58

Tgt Ion	Ratio	Lower	Upper
167	100		
166	22.6	17.4	26.0
139	13.8	10.9	16.3





#73

Di-n-butylphthalate

Concen: 54.093 ng

RT: 11.77 min Scan# 1646

Delta R.T. -0.00 min

Lab File: BF109781.D

Acq: 11 Oct 2018 9:58

Instrument :

BNA_F

ClientSampleId :

PB113623BS

Tot Ion:149 Resp: 1062626

Ion Ratio Lower Upper

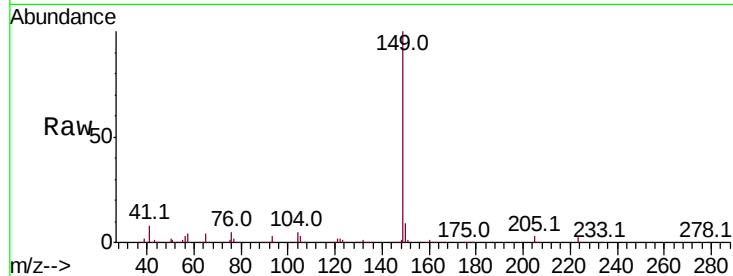
149 100

150 9.2 7.7 11.5

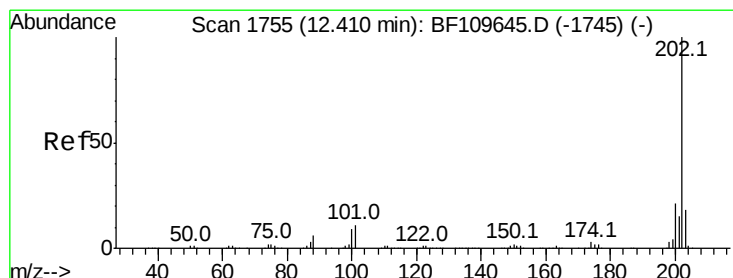
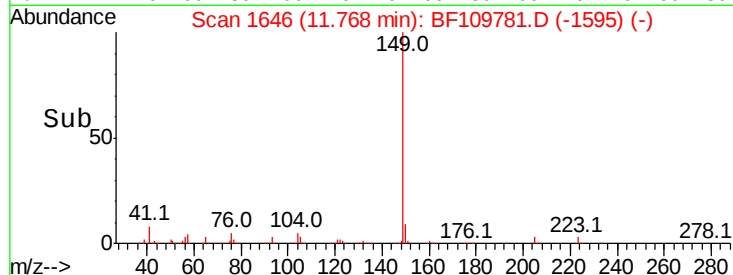
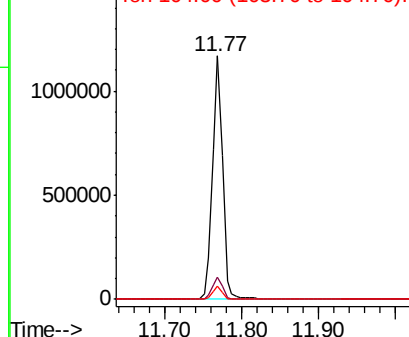
104 5.4 4.2 6.4

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Abundance Ion 149.00 (148.70 to 149.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 49.750 ng

RT: 12.41 min Scan# 1755

Delta R.T. -0.00 min

Lab File: BF109781.D

Acq: 11 Oct 2018 9:58

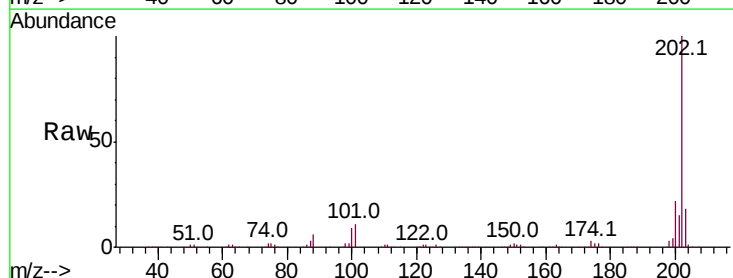
Tgt Ion:202 Resp: 878015

Ion Ratio Lower Upper

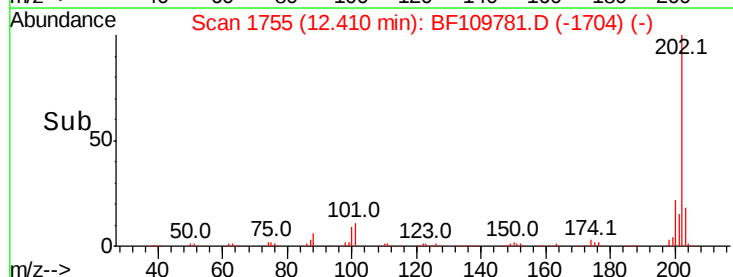
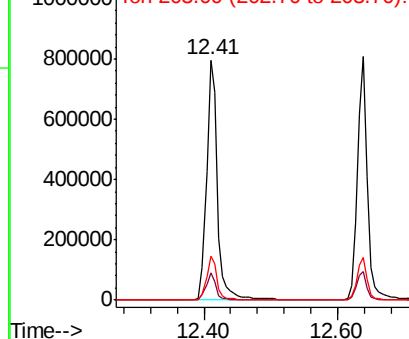
202 100

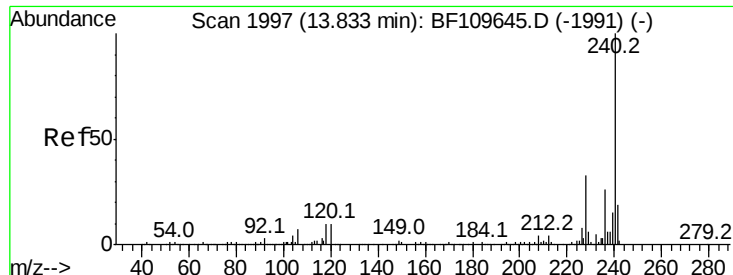
101 11.2 0.0 31.4

203 18.2 0.0 37.7



Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.000 ng

RT: 13.83 min Scan# 1997

Delta R.T. -0.00 min

Lab File: BF109781.D

Acq: 11 Oct 2018 9:58

Instrument :

BNA_F

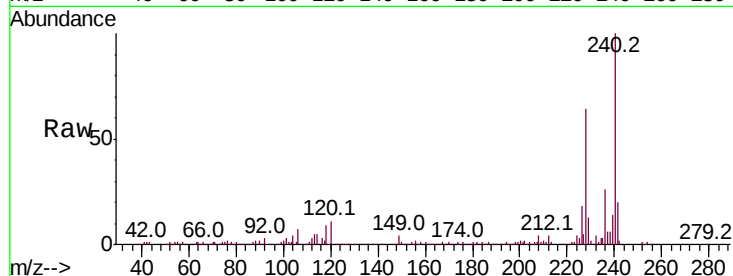
ClientSampleId :

PB113623BS

Tot Ion	Ratio	Resp	Lower	Upper
240	100	228741		
120	10.5	8.3	12.5	
236	25.7	21.2	31.8	

Manual Integrations
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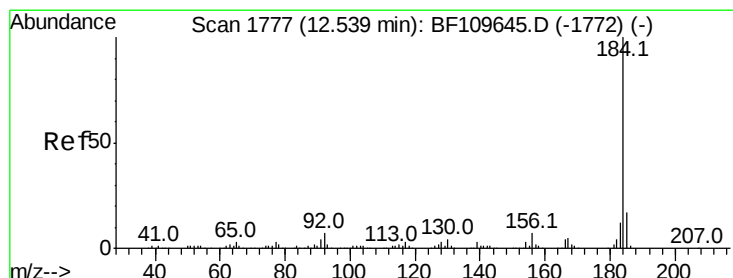
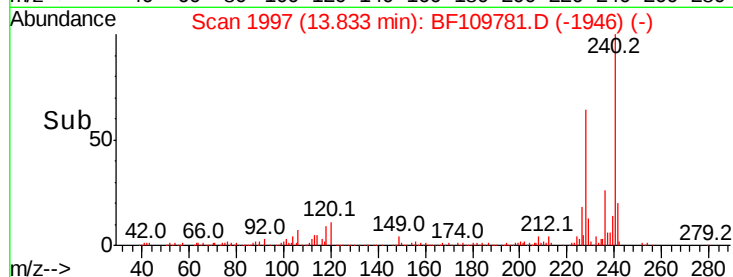
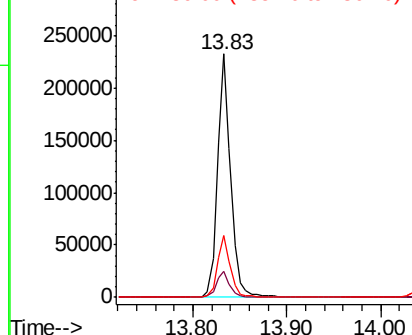


Abundance

Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 40.170 ng

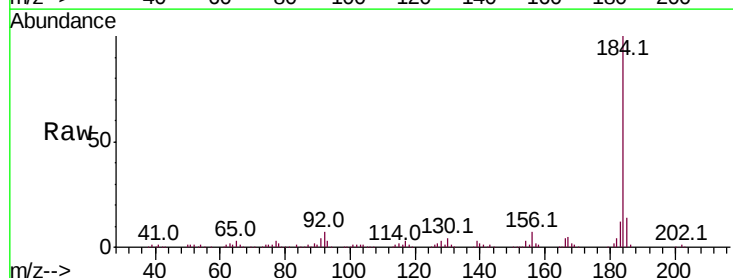
RT: 12.54 min Scan# 1777

Delta R.T. -0.00 min

Lab File: BF109781.D

Acq: 11 Oct 2018 9:58

Tgt Ion	Ratio	Resp	Lower	Upper
184	100	341337		
185	14.2	13.4	20.2	
183	11.7	9.4	14.2	

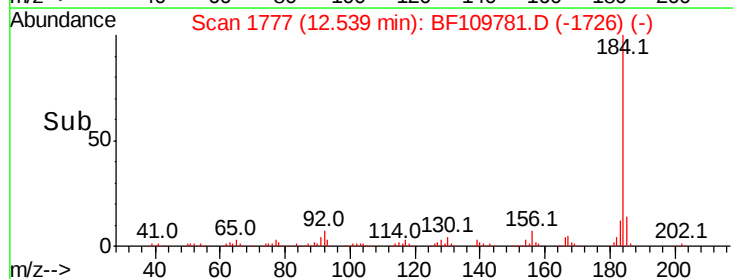
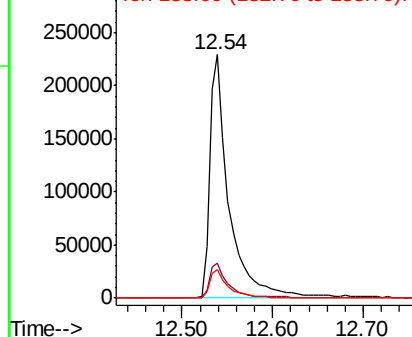


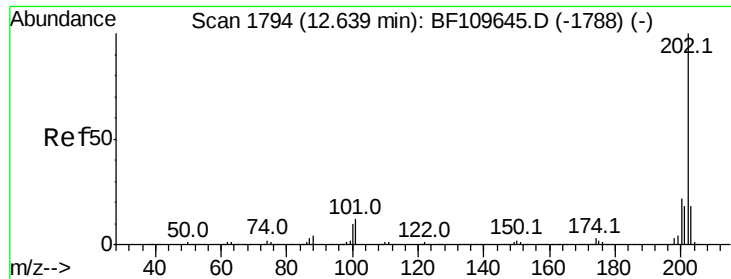
Abundance

Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





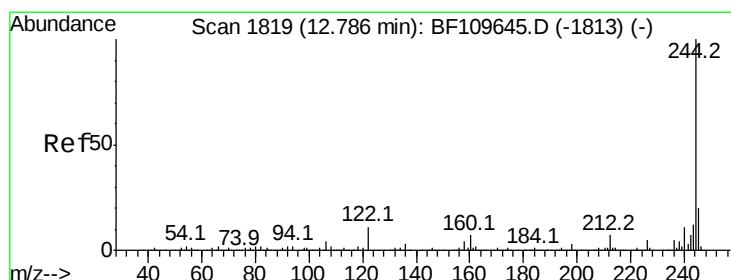
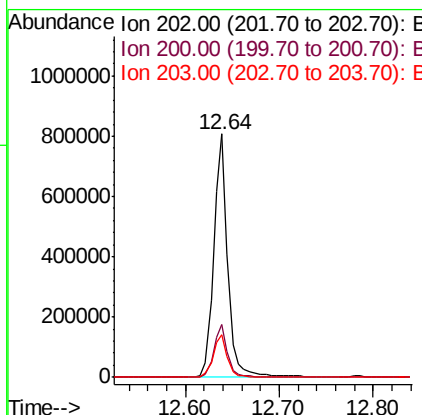
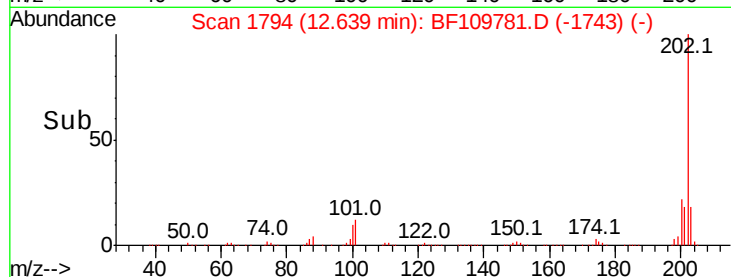
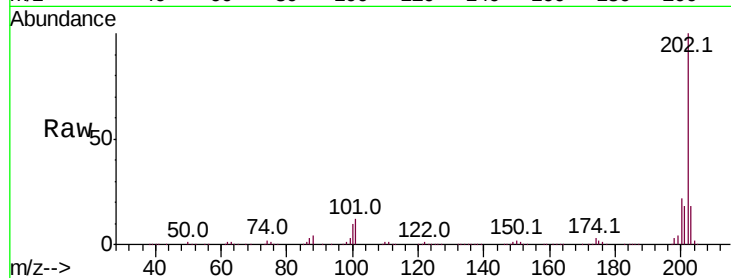
#77
Pvrene
Concen: 50.460 ng
RT: 12.64 min Scan# 1794
Delta R.T. -0.00 min
Lab File: BF109781.D
Acq: 11 Oct 2018 9:58

Instrument :
BNA_F
ClientSampleId :
PB113623BS

Tot Ion	Ratio	Lower	Upper
202	100		
200	21.8	17.8	26.6
203	17.6	14.2	21.4

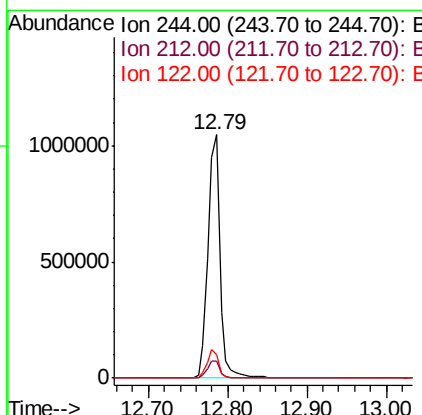
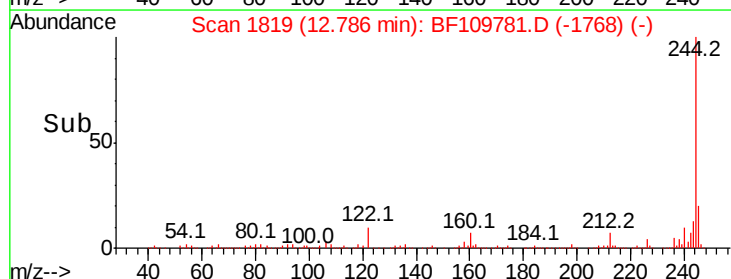
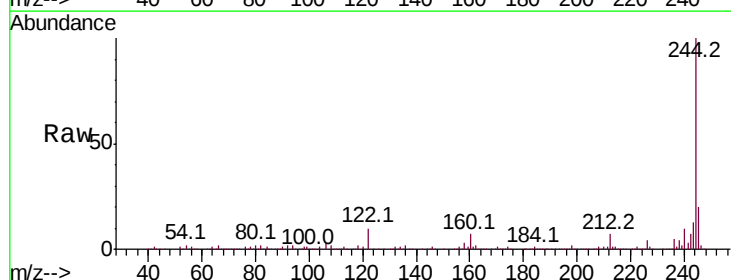
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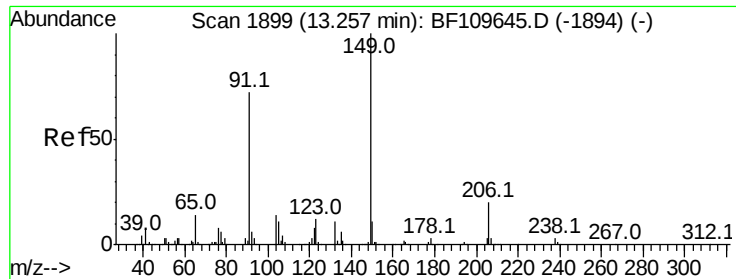
Sohil
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#78
Terphenyl-d14
Concen: 94.675 ng
RT: 12.79 min Scan# 1819
Delta R.T. 0.00 min
Lab File: BF109781.D
Acq: 11 Oct 2018 9:58

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.1	5.8	8.8
122	9.8	8.7	13.1





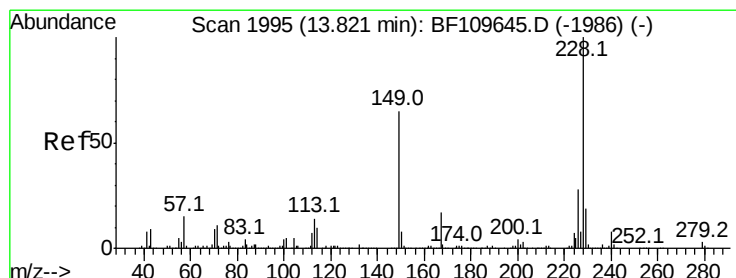
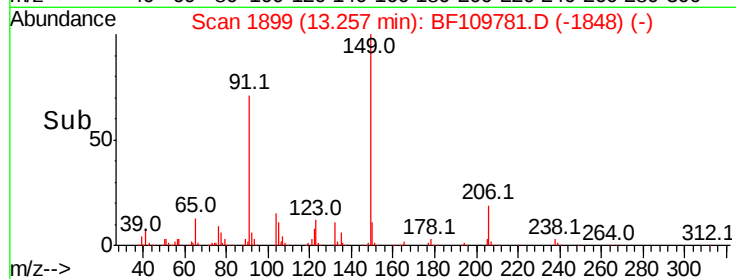
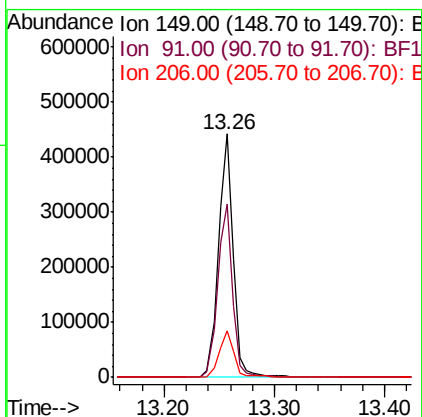
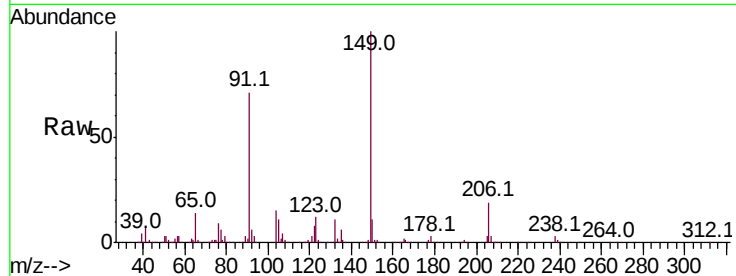
#79
Butylbenzylphthalate
Concen: 56.513 ng
RT: 13.26 min Scan# 1899
Delta R.T. -0.00 min
Lab File: BF109781.D
Acq: 11 Oct 2018 9:58

Instrument :
BNA_F
ClientSampleId :
PB113623BS

Tot Ion	Ratio	Resp	Lower	Upper
149	100			
91	70.9	57.2	85.8	
206	19.2	15.7	23.5	

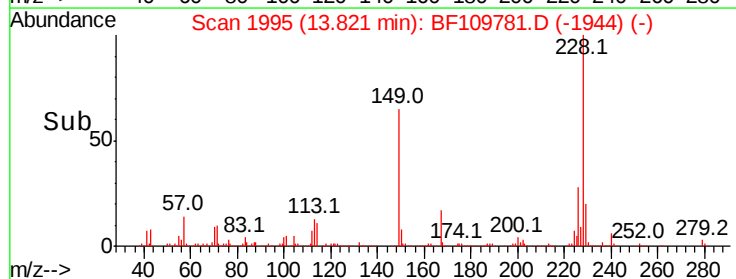
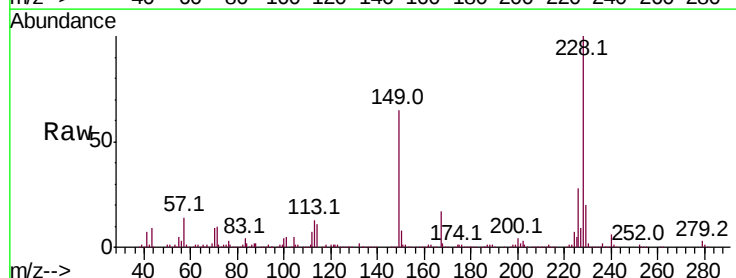
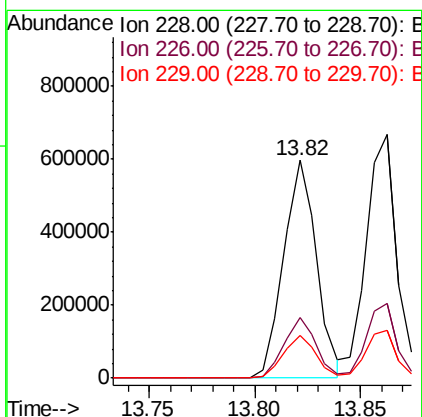
Manual Integrations
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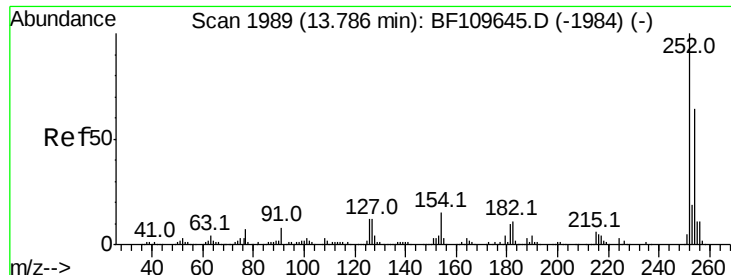
Sohil
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#80
Benzo(a)anthracene
Concen: 51.414 ng
RT: 13.82 min Scan# 1995
Delta R.T. -0.00 min
Lab File: BF109781.D
Acq: 11 Oct 2018 9:58

Tgt Ion	Ratio	Resp	Lower	Upper
228	100			
226	27.6	22.1	33.1	
229	19.8	15.6	23.4	





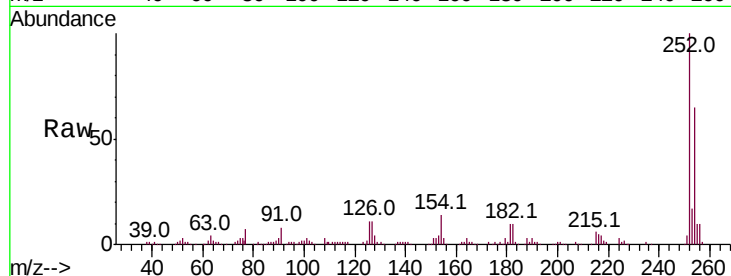
#81
 3,3'-Dichlorobenzidine
 Concen: 30.270 ng
 RT: 13.79 min Scan# 1989
 Delta R.T. -0.00 min
 Lab File: BF109781.D
 Acq: 11 Oct 2018 9:58

Instrument :
 BNA_F
 ClientSampleId :
 PB113623BS

Tot Ion	Ratio	Resp Lower	Upper
252	100		
254	65.0	51.3	76.9
126	10.9	9.4	14.2

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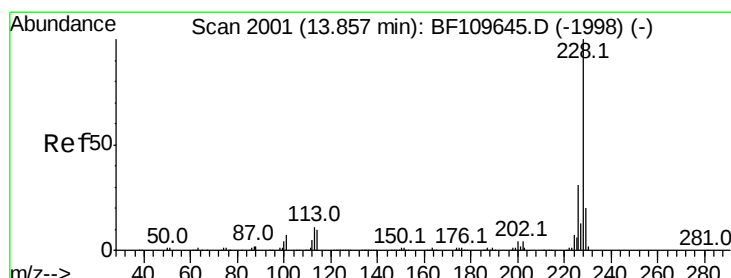
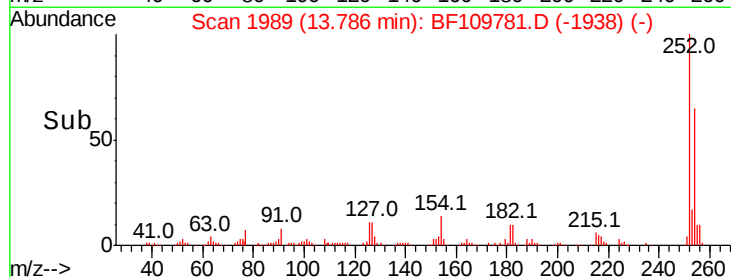
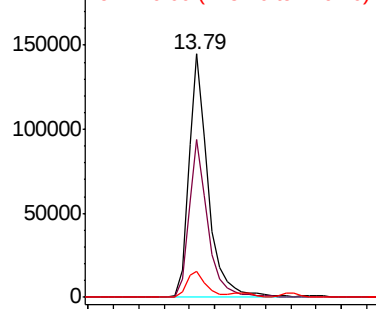


Abundance

Ion 252.00 (251.70 to 252.70): E

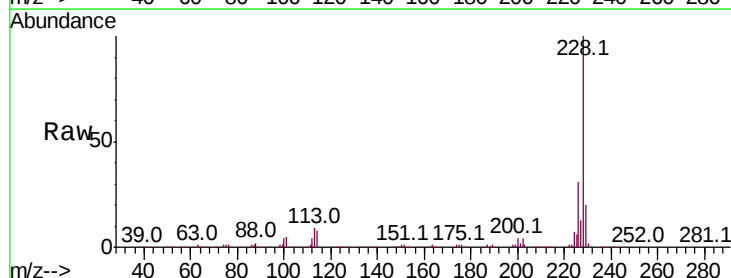
Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E



#82
 Chrysene
 Concen: 53.139 ng
 RT: 13.86 min Scan# 2002
 Delta R.T. 0.01 min
 Lab File: BF109781.D
 Acq: 11 Oct 2018 9:58

Tgt Ion	Ratio	Resp Lower	Upper
228	100		
226	30.7	24.7	37.1
229	19.8	15.9	23.9

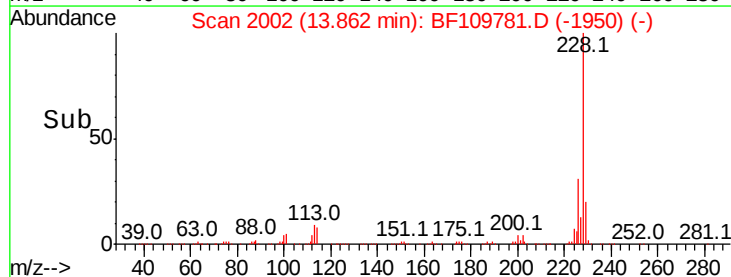
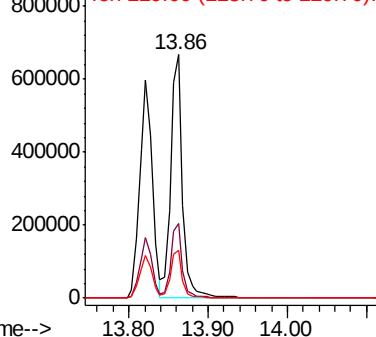


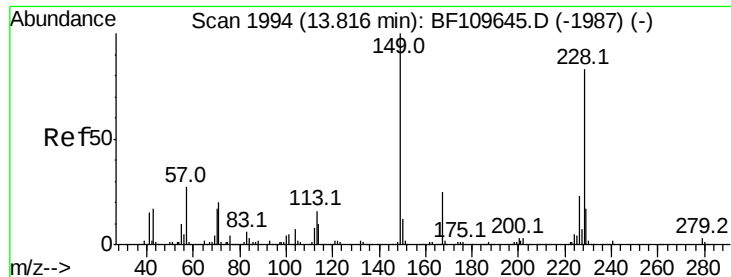
Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





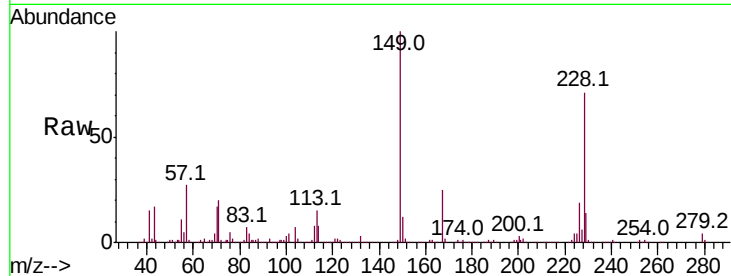
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 58.615 ng
 RT: 13.82 min Scan# 1994
 Delta R.T. -0.00 min
 Lab File: BF109781.D
 Acq: 11 Oct 2018 9:58

Instrument :
 BNA_F
 ClientSampleId :
 PB113623BS

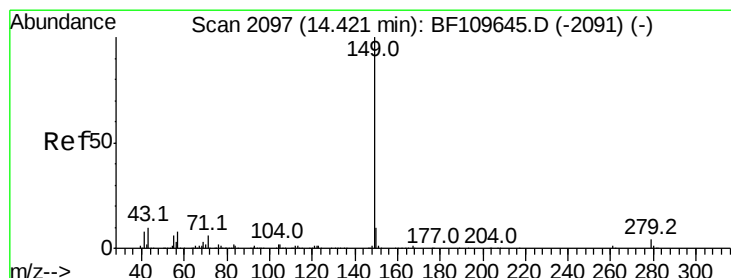
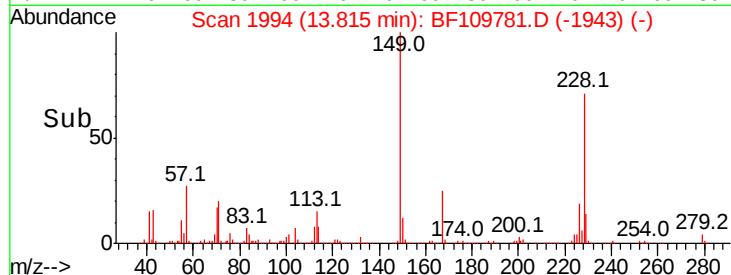
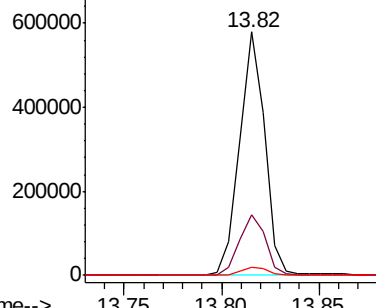
Tot Ion	Ratio	Resp	Lower	Upper
149	100			
167	25.0	19.8	29.8	
279	3.5	2.7	4.1	

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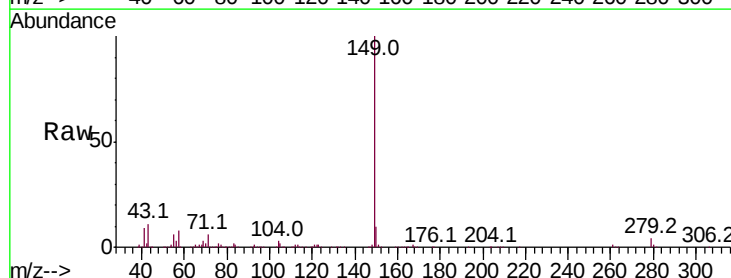


Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 279.00 (278.70 to 279.70): E

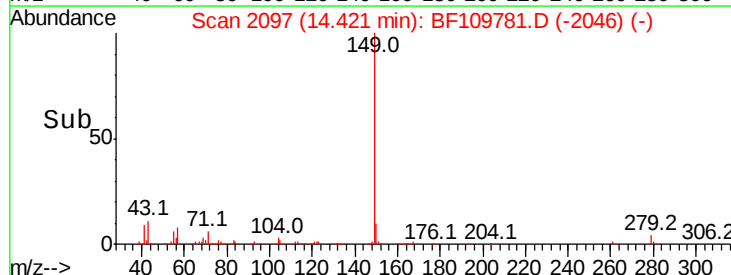
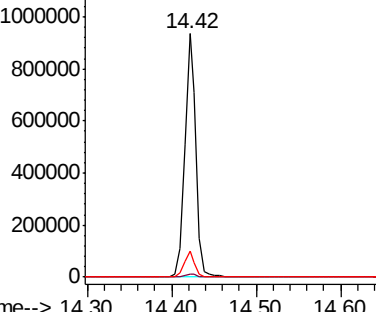


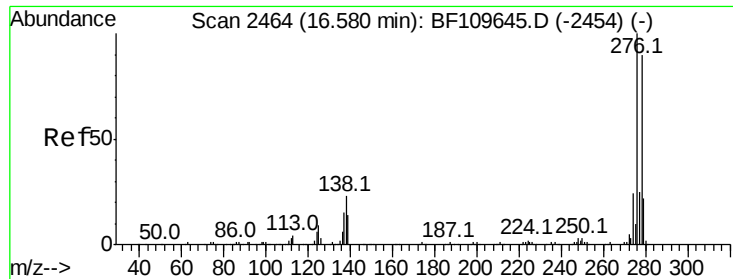
#84
 Di-n-octyl phthalate
 Concen: 62.870 ng
 RT: 14.42 min Scan# 2097
 Delta R.T. -0.00 min
 Lab File: BF109781.D
 Acq: 11 Oct 2018 9:58

Tgt Ion	Ratio	Resp	Lower	Upper
149	100			
167	1.4	1.1	1.7	
43	10.0	7.8	11.8	



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





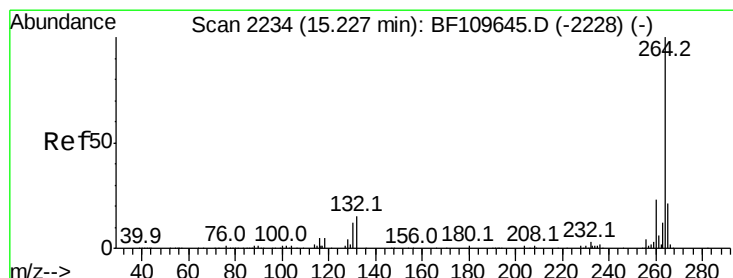
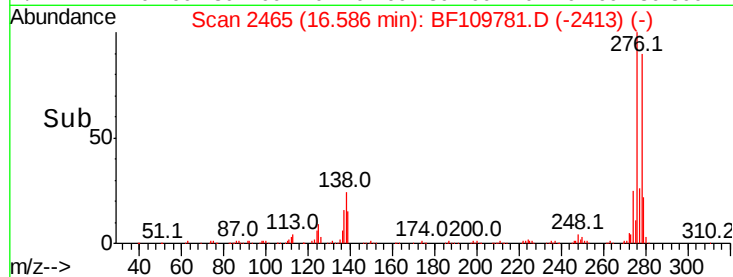
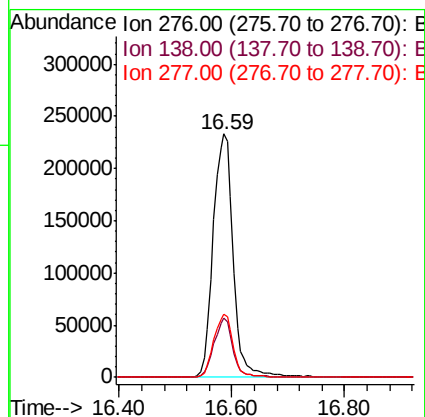
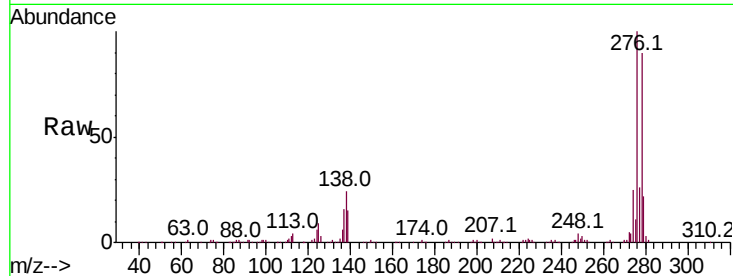
#85
Indeno(1,2,3-cd)pyrene
Concen: 60.596 ng
RT: 16.59 min Scan# 2465
Delta R.T. 0.01 min
Lab File: BF109781.D
Acq: 11 Oct 2018 9:58

Instrument :
BNA_F
ClientSampleId :
PB113623BS

Tot Ion	Ratio	Lower	Upper
276	100		
138	22.9	18.5	27.7
277	25.2	20.0	30.0

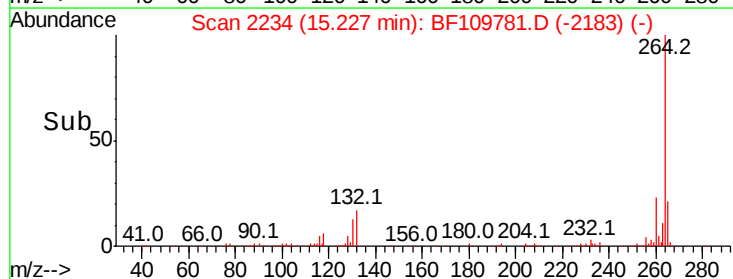
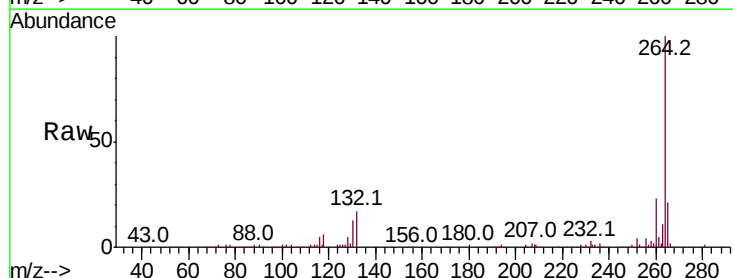
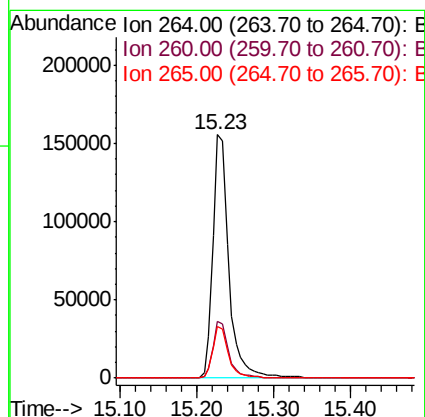
Manual Integrations
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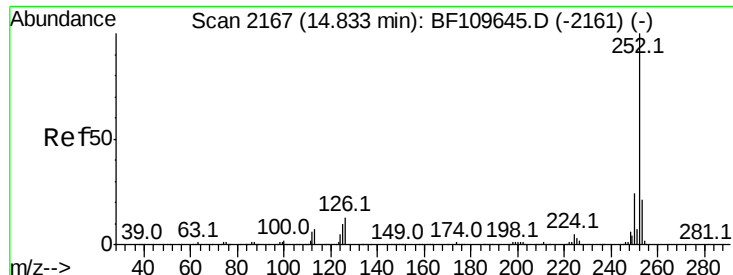
Sohil
10/11/2018 2:03:07 PM



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.23 min Scan# 2234
Delta R.T. -0.00 min
Lab File: BF109781.D
Acq: 11 Oct 2018 9:58

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.4	18.7	28.1
265	21.1	16.7	25.1





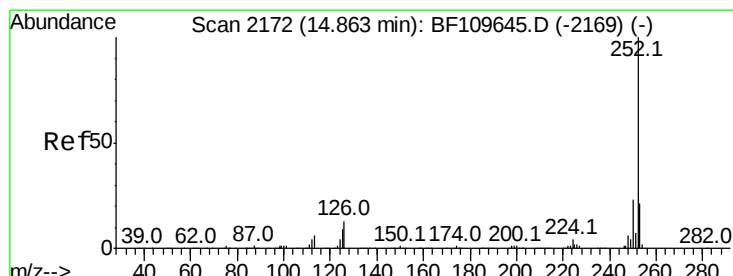
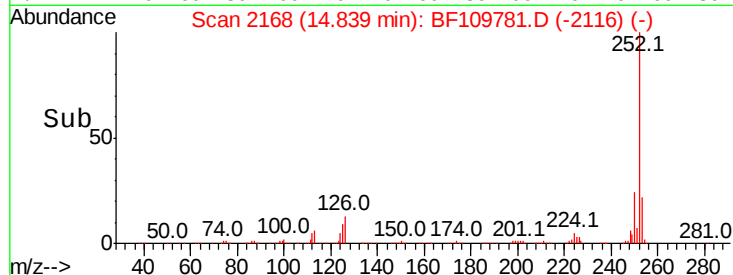
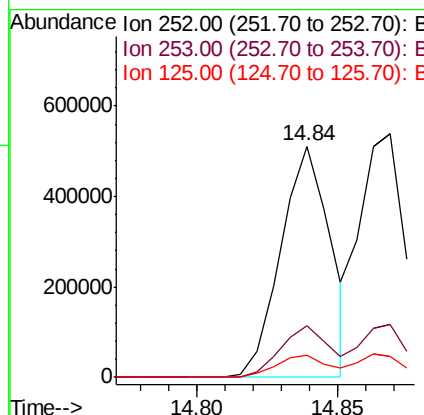
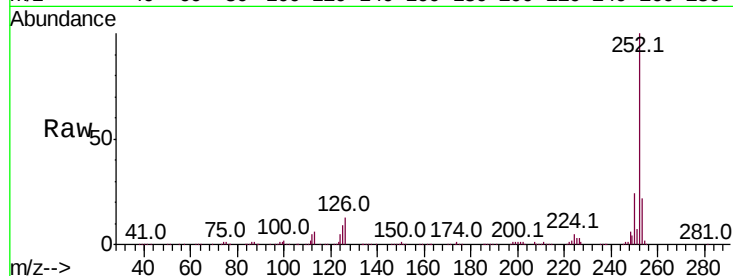
#87
Benzo(b)fluoranthene
Concen: 50.778 ng
RT: 14.84 min Scan# 2168
Delta R.T. 0.01 min
Lab File: BF109781.D
Acq: 11 Oct 2018 9:58

Instrument :
BNA_F
ClientSampleId :
PB113623BS

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.4	17.2	25.8
125	9.4	8.2	12.4

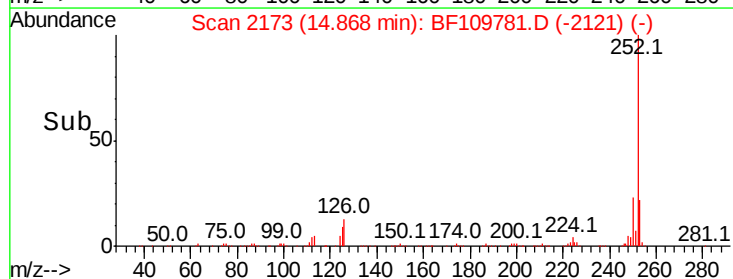
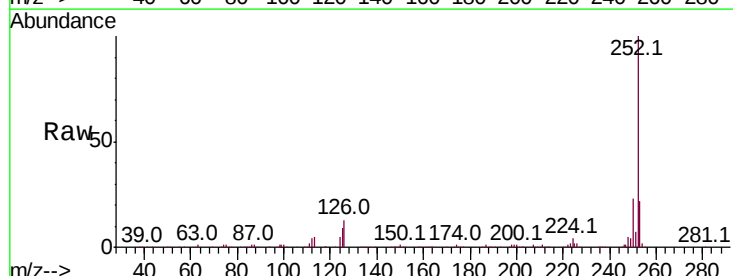
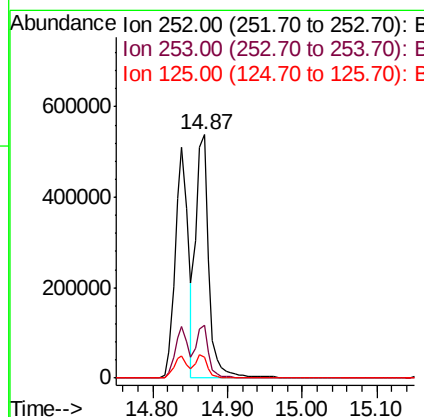
Manual Integrations
APPROVED

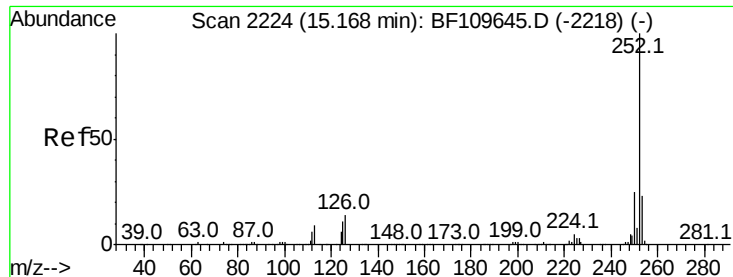
Sohil
10/11/2018 2:03:07 PM



#88
Benzo(k)fluoranthene
Concen: 52.911 ng
RT: 14.87 min Scan# 2173
Delta R.T. 0.01 min
Lab File: BF109781.D
Acq: 11 Oct 2018 9:58

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.7	17.2	25.8
125	8.8	7.4	11.0





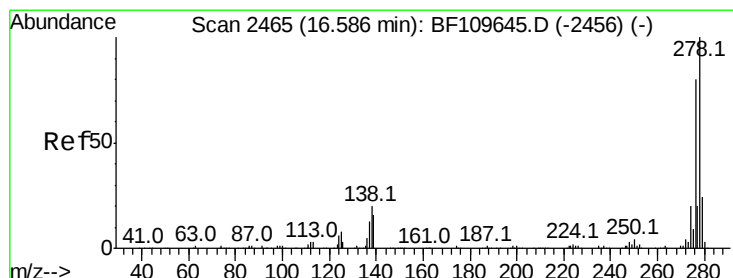
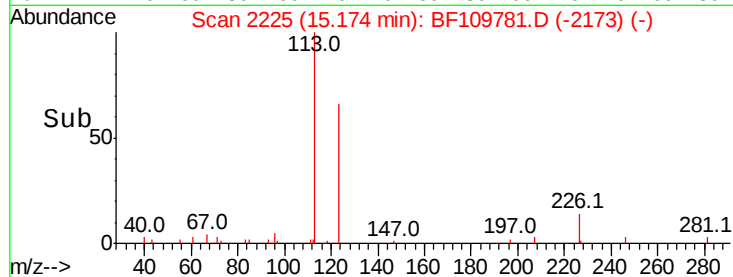
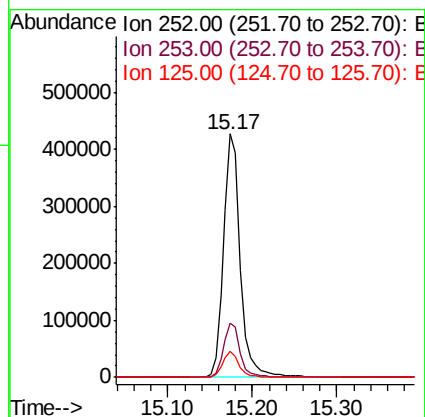
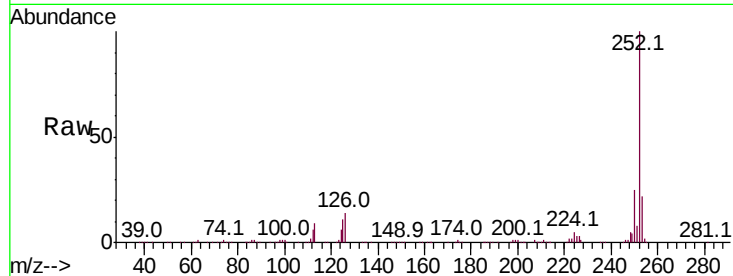
#89
Benzo(a)pyrene
Concen: 53.341 ng
RT: 15.17 min Scan# 2225
Delta R.T. 0.01 min
Lab File: BF109781.D
Acq: 11 Oct 2018 9:58

Instrument :
BNA_F
ClientSampleId :
PB113623BS

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.1	18.2	27.4
125	10.8	9.0	13.6

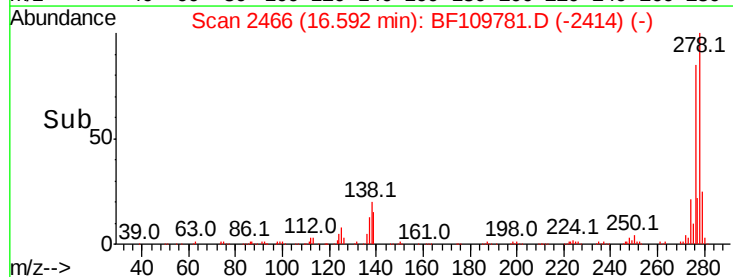
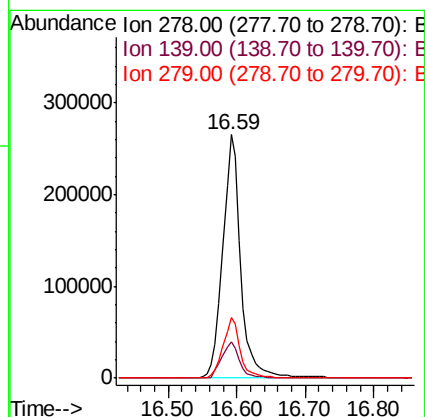
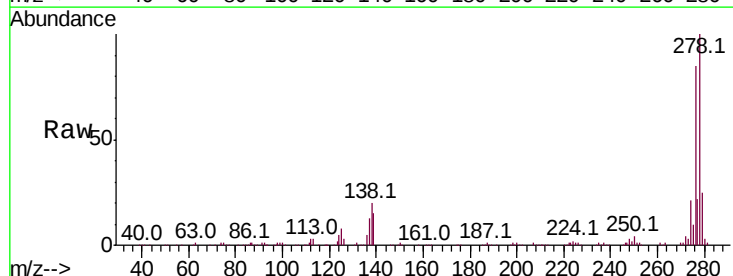
Manual Integrations
APPROVED

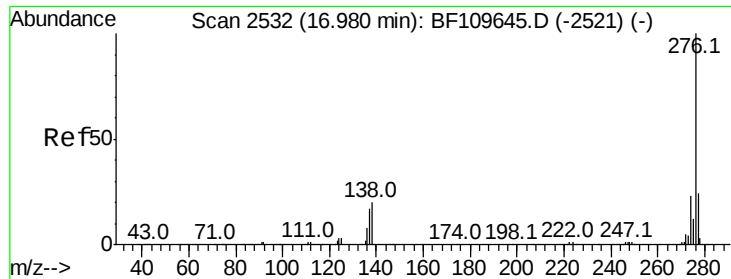
Sohil
10/11/2018 2:03:07 PM



#90
Dibenzo(a,h)anthracene
Concen: 52.962 ng
RT: 16.59 min Scan# 2466
Delta R.T. 0.01 min
Lab File: BF109781.D
Acq: 11 Oct 2018 9:58

Tgt Ion	Ratio	Lower	Upper
278	100		
139	14.7	12.7	19.1
279	24.7	19.0	28.4





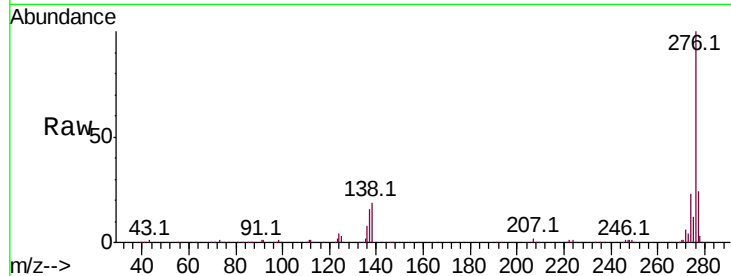
#91
 Benzo(a,h,i)perylene
 Concen: 51.145 ng
 RT: 16.99 min Scan# 2533
 Delta R.T. 0.01 min
 Lab File: BF109781.D
 Acq: 11 Oct 2018 9:58

Instrument :
 BNA_F
 ClientSampleId :
 PB113623BS

Tot Ion:	276	Resp:	465409
Ion Ratio	Lower	Upper	
276	100		
277	24.1	18.8	28.2
138	19.2	16.0	24.0

Manual Integrations
 APPROVED

Sohil
 10/11/2018 2:03:07 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

