

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF101218\
 Data File : BF109841.D
 Acq On : 12 Oct 2018 18:39
 Operator : JU/SJ
 Sample : J5197-01MS
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 HD-01-101118MS

Manual Integrations
 APPROVED

Sohil
 10/15/2018 10:28:27 AM

Quant Time: Oct 15 06:06:21 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	97614	20.00	ng	0.00
21) Naphthalene-d8	7.97	136	397420	20.00	ng	0.00
38) Acenaphthene-d10	9.72	164	185781	20.00	ng	0.00
63) Phenanthrene-d10	11.20	188	334324	20.00	ng	0.00
75) Chrysene-d12	13.83	240	195839	20.00	ng	0.00
86) Perylene-d12	15.23	264	190551	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.33	112	668400	121.54	ng	0.00
7) Phenol-d6	6.35	99	899975	122.51	ng	0.00
23) Nitrobenzene-d5	7.26	82	614838	85.28	ng	0.00
41) 2,4,6-Tribromophenol	10.52	330	236357	116.76	ng	0.00
44) 2-Fluorobiphenyl	9.05	172	1040755	77.15	ng	0.00
78) Terphenyl-d14	12.78	244	856042	84.62	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.45	88	70289	24.354	ng	98
3) Pyridine	3.18	79	158019	26.538	ng	98
4) n-Nitrosodimethylamine	3.10	42	73968	34.416	ng	97
6) Aniline	6.37	93	231247	27.022	ng	88
8) 2-Chlorophenol	6.49	128	242324	35.829	ng	99
9) Benzaldehyde	6.25	77	103694	21.935	ng	98
10) Phenol	6.36	94	308320	36.600	ng	84
11) bis(2-Chloroethyl)ether	6.43	93	203329	29.114	ng	99
12) 1,3-Dichlorobenzene	6.63	146	248185	32.084	ng	96
13) 1,4-Dichlorobenzene	6.71	146	275285	32.647	ng	98
14) 1,2-Dichlorobenzene	6.86	146	248005	33.490	ng	99
15) Benzyl Alcohol	6.85	79	193216	35.477	ng	99
16) 2,2'-oxybis(1-Chloropropan	6.97	45	315665	34.087	ng	98
17) 2-Methylphenol	6.96	107	189830	35.493	ng	94
18) Hexachloroethane	7.20	117	98383	33.009	ng	98
19) n-Nitroso-di-n-propylamine	7.12	70	174133	33.800	ng	98
20) 3+4-Methylphenols	7.12	107	225717	34.249	ng	93
22) Acetophenone	7.11	105	360119	37.472	ng	# 99
24) Nitrobenzene	7.28	77	260643	34.743	ng	99
25) Isophorone	7.52	82	479731	40.071	ng	100
26) 2-Nitrophenol	7.60	139	126586	36.074	ng	95
27) 2,4-Dimethylphenol	7.65	122	220004	43.417	ng	98
28) bis(2-Chloroethoxy)methane	7.73	93	303098	37.429	ng	100
29) 2,4-Dichlorophenol	7.85	162	209810	36.914	ng	98
30) 1,2,4-Trichlorobenzene	7.92	180	212226	33.729	ng	99
31) Naphthalene	8.00	128	717876	39.058	ng	100
32) Benzoic acid	7.74	122	21548m	5.948	ng	
33) 4-Chloroaniline	8.06	127	158546	19.589	ng	98
34) Hexachlorobutadiene	8.12	225	128263	32.786	ng	98
35) Caprolactam	8.42	113	56652m	33.375	ng	
36) 4-Chloro-3-methylphenol	8.54	107	217889	36.316	ng	98
37) 2-Methylnaphthalene	8.69	142	454093	37.718	ng	99
39) 1,2,4,5-Tetrachlorobenzene	8.86	216	213906	33.824	ng	99
40) Hexachlorocyclopentadiene	8.84	237	134185	51.298	ng	100

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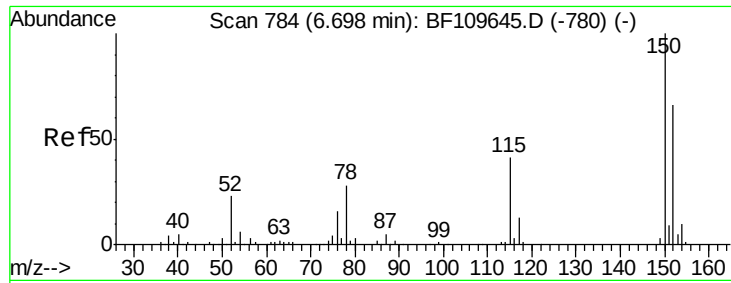
Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	8.97	196	130818	34.604	nq	99
43) 2,4,5-Trichlorophenol	9.02	196	148511	34.166	nq	95
45) 1,1'-Biphenyl	9.15	154	550787	33.186	nq	100
46) 2-Chloronaphthalene	9.17	162	421847	33.926	nq	99
47) 2-Nitroaniline	9.27	65	137926	36.634	nq	97
48) Acenaphthylene	9.59	152	659570	36.385	nq	100
49) Dimethylphthalate	9.46	163	622536	45.690	nq	100
50) 2,6-Dinitrotoluene	9.52	165	110035	37.256	nq	93
51) Acenaphthene	9.76	154	368047	34.250	nq	100
52) 3-Nitroaniline	9.69	138	88769	26.812	nq	96
53) 2,4-Dinitrophenol	9.81	184	16162	16.961	nq	# 70
54) Dibenzofuran	9.93	168	550096	34.151	nq	98
55) 4-Nitrophenol	9.87	139	110343	60.889	nq	93
56) 2,4-Dinitrotoluene	9.92	165	134481	36.486	nq	88
57) Fluorene	10.27	166	438783	36.477	nq	99
58) 2,3,4,6-Tetrachlorophenol	10.06	232	132811	37.587	nq	97
59) Diethylphthalate	10.15	149	483174	35.790	nq	100
60) 4-Chlorophenyl-phenylether	10.26	204	209989	33.090	nq	99
61) 4-Nitroaniline	10.30	138	105308	34.346	nq	99
62) Azobenzene	10.42	77	480725	35.066	nq	98
64) 4,6-Dinitro-2-methylphenol	10.33	198	40254	24.738	nq	85
65) n-Nitrosodiphenylamine	10.39	169	409471	36.129	nq	99
66) 4-Bromophenyl-phenylether	10.75	248	131726	34.291	nq	95
67) Hexachlorobenzene	10.82	284	134441	32.320	nq	95
68) Atrazine	10.91	200	129525	36.620	nq	99
69) Pentachlorophenol	11.02	266	119841	51.199	nq	98
70) Phenanthrene	11.23	178	593963	35.501	nq	99
71) Anthracene	11.28	178	665786	38.496	nq	100
72) Carbazole	11.44	167	573801	34.207	nq	99
73) Di-n-butylphthalate	11.76	149	691038	35.519	nq	100
74) Fluoranthene	12.41	202	594263	34.000	nq	98
76) Benzidine	12.54	184	243191	33.428	nq	98
77) Pyrene	12.63	202	556939	38.815	nq	99
79) Butylbenzylphthalate	13.25	149	248053	39.875	nq	97
80) Benzo(a)anthracene	13.82	228	387517	35.857	nq	100
81) 3,3'-Dichlorobenzidine	13.79	252	127007	29.186	nq	100
82) Chrysene	13.86	228	415096	36.567	nq	99
83) Bis(2-ethylhexyl)phthalate	13.82	149	320677	42.252	nq	97
84) Di-n-octyl phthalate	14.42	149	497464	41.467	nq	100
85) Indeno(1,2,3-cd)pyrene	16.58	276	395864	48.721	nq	99
87) Benzo(b)fluoranthene	14.83	252	325095	30.873	nq	99
88) Benzo(k)fluoranthene	14.86	252	392217	37.071	nq	99
89) Benzo(a)pyrene	15.17	252	347405	36.355	nq	98
90) Dibenzo(a,h)anthracene	16.59	278	329627	42.001	nq	99
91) Benzo(g,h,i)perylene	16.98	276	322684	41.175	nq	98

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



#1

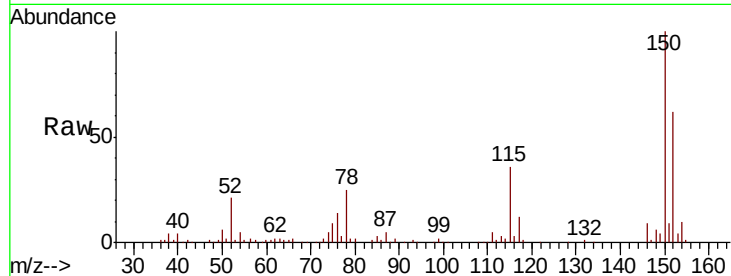
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.70 min Scan# 784
Delta R.T. -0.00 min
Lab File: BF109841.D
Acq: 12 Oct 2018 18:39

Instrument :
BNA_F
ClientSampleId :
HD-01-101118MS

Tot Ion	Ratio	Lower	Upper
152	100		
150	160.7	122.7	184.1
115	58.4	49.1	73.7

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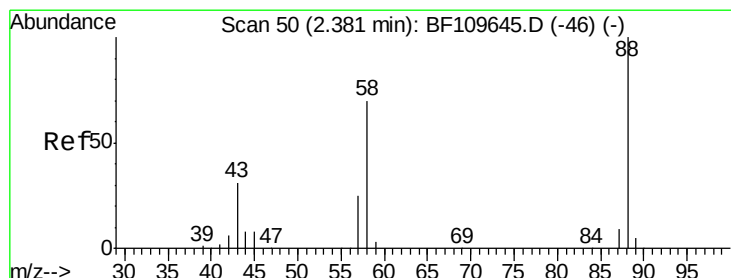
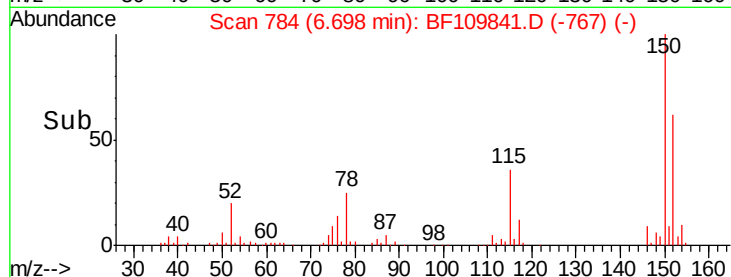
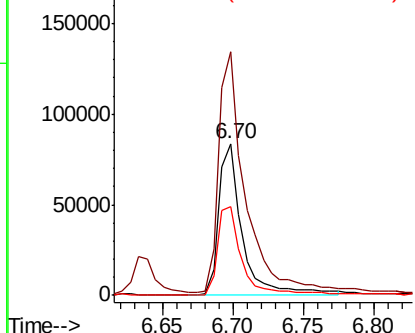


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

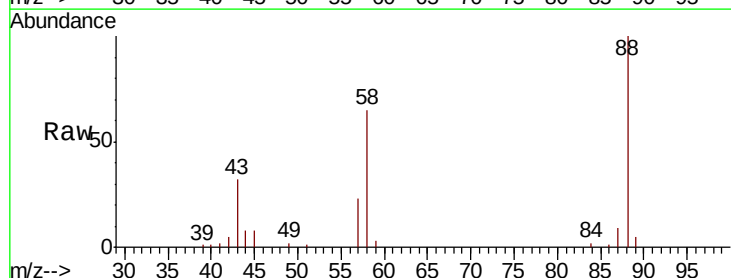
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 24.354 ng
RT: 2.45 min Scan# 62
Delta R.T. 0.07 min
Lab File: BF109841.D
Acq: 12 Oct 2018 18:39

Tgt Ion	Ratio	Lower	Upper
88	100		
58	73.4	57.1	85.7
43	30.0	24.1	36.1

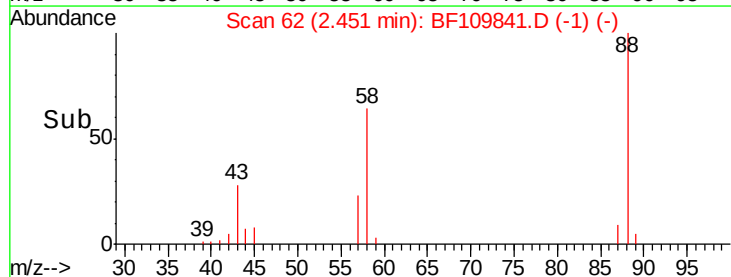
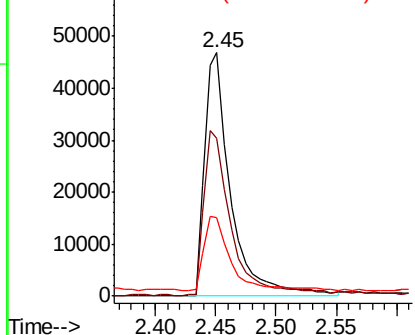


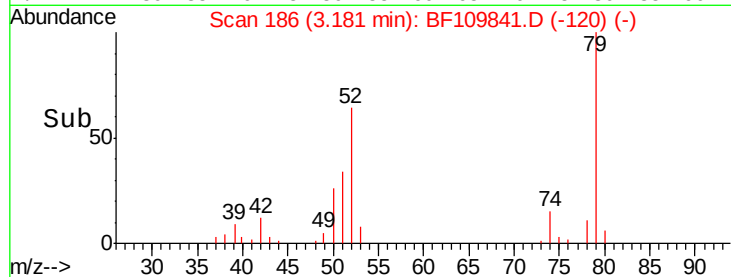
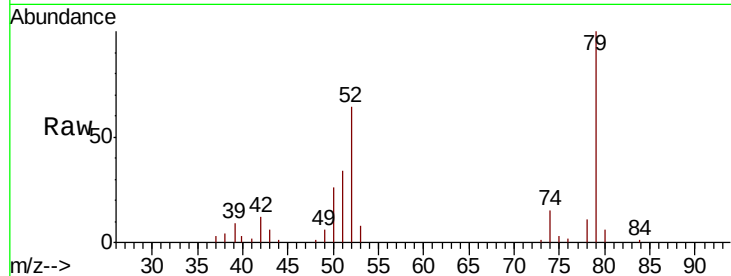
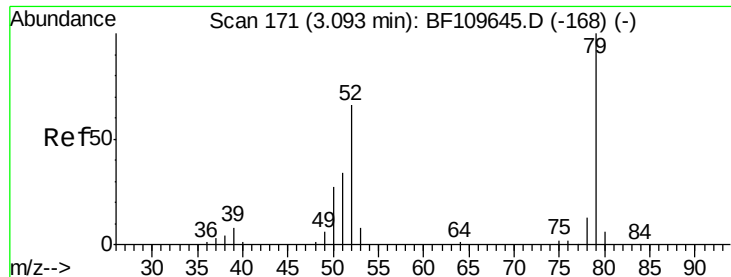
Abundance

Ion 88.00 (87.70 to 88.70): BF1

Ion 58.00 (57.70 to 58.70): BF1

Ion 43.00 (42.70 to 43.70): BF1





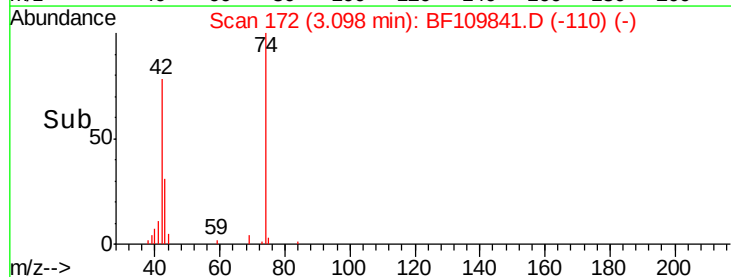
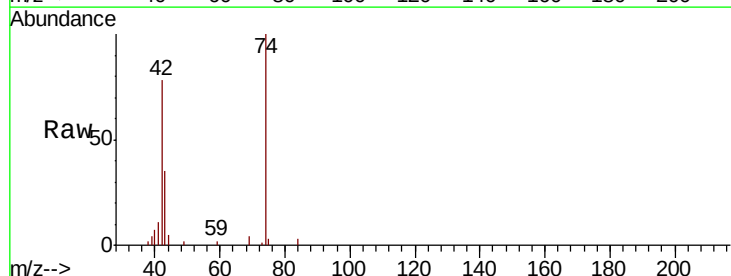
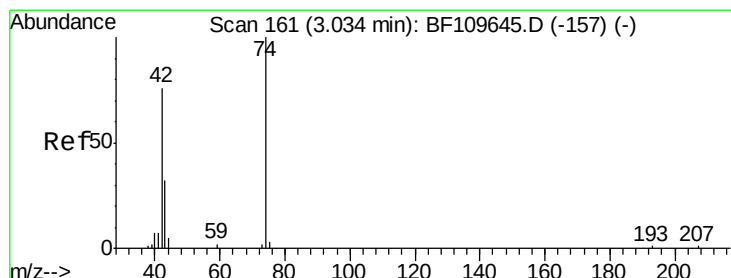
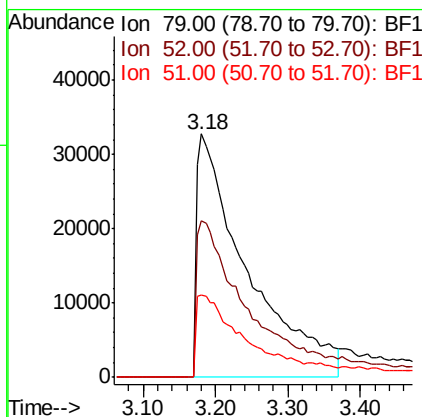
#3
Pvridine
Concen: 26.538 ng
RT: 3.18 min Scan# 186
Delta R.T. 0.09 min
Lab File: BF109841.D
Acq: 12 Oct 2018 18:39

Tot Ion	Ratio	Lower	Upper
79	100		
52	64.4	53.1	79.7
51	33.8	27.4	41.2

Instrument :
BNA_F
ClientSampleId :
HD-01-101118MS

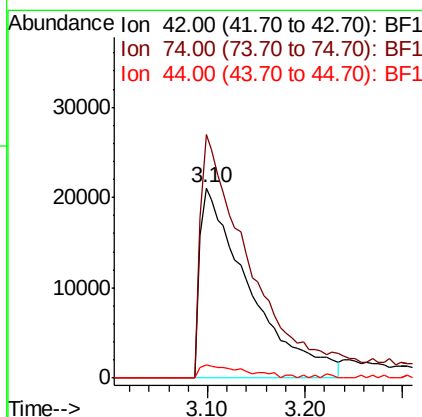
Manual Integrations
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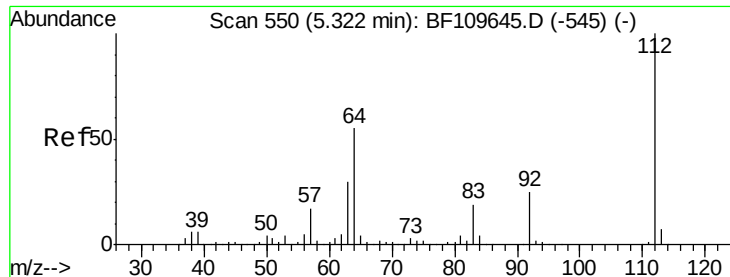
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#4
n-Nitrosodimethylamine
Concen: 34.416 ng
RT: 3.10 min Scan# 172
Delta R.T. 0.06 min
Lab File: BF109841.D
Acq: 12 Oct 2018 18:39

Tgt Ion	Ratio	Lower	Upper
42	100		
74	127.8	105.5	158.3
44	7.0	4.9	7.3





#5

2-Fluorophenol

Concen: 121.543 ng

RT: 5.33 min Scan# 551

Delta R.T. 0.01 min

Lab File: BF109841.D

Acq: 12 Oct 2018 18:39

Instrument :

BNA_F

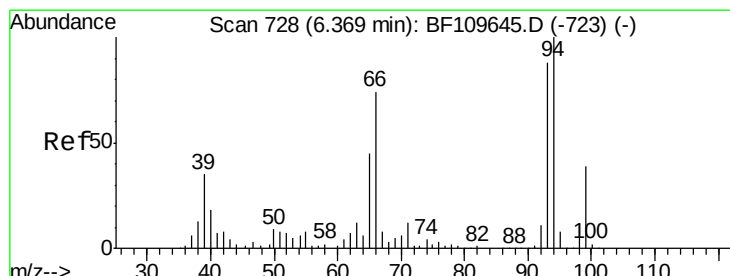
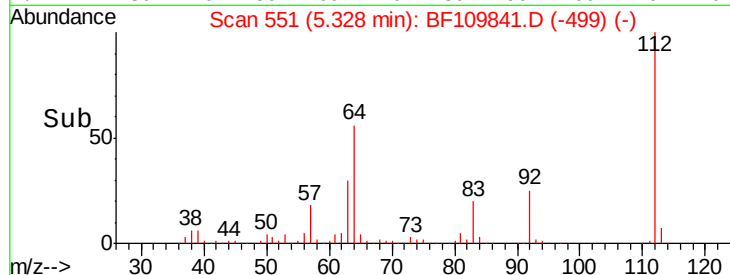
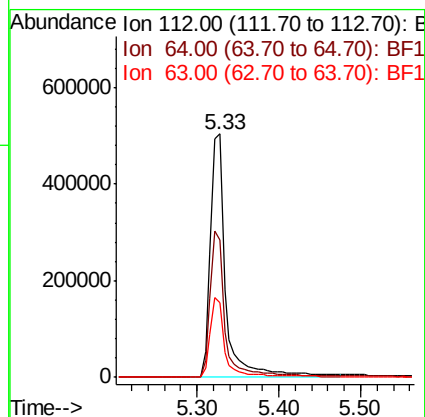
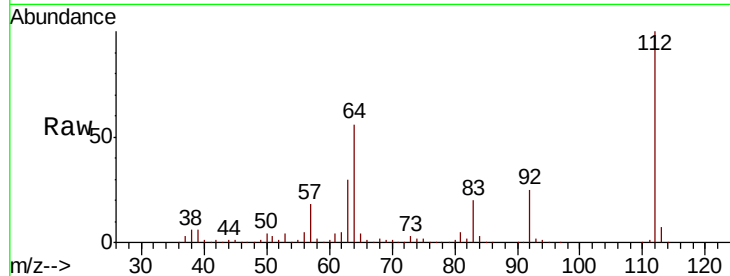
ClientSampleId :

HD-01-101118MS

Tot Ion:	112	Resp:	668400
Ion Ratio	Lower	Upper	
112	100		
64	56.3	44.1	66.1
63	30.4	23.7	35.5

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#6

Aniline

Concen: 27.022 ng

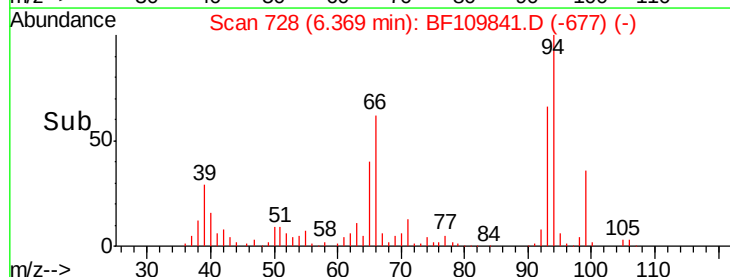
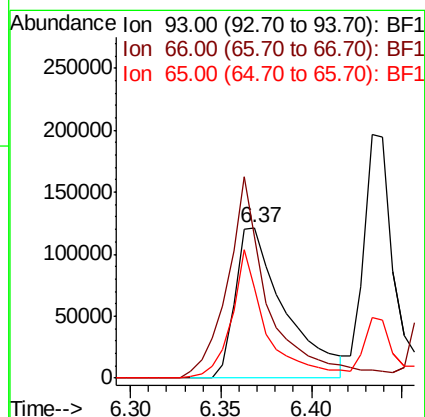
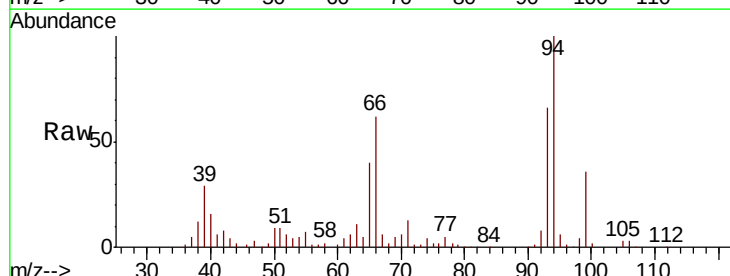
RT: 6.37 min Scan# 728

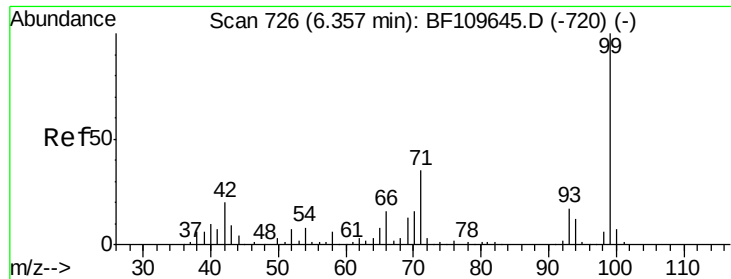
Delta R.T. -0.00 min

Lab File: BF109841.D

Acq: 12 Oct 2018 18:39

Tgt Ion:	93	Resp:	231247
Ion Ratio	Lower	Upper	
93	100		
66	94.0	67.4	101.0
65	60.2	41.0	61.4





#7

Phenol-d6

Concen: 122.505 ng

RT: 6.35 min Scan# 725

Delta R.T. -0.01 min

Lab File: BF109841.D

Acq: 12 Oct 2018 18:39

Instrument :

BNA_F

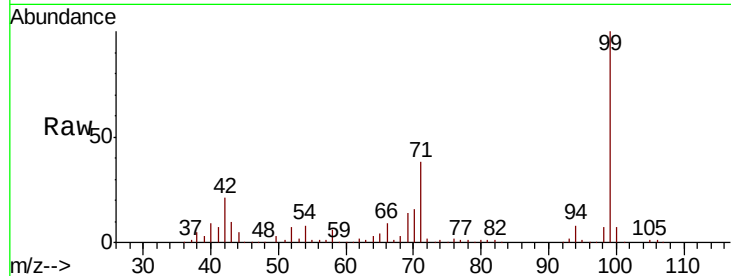
ClientSampleId :

HD-01-101118MS

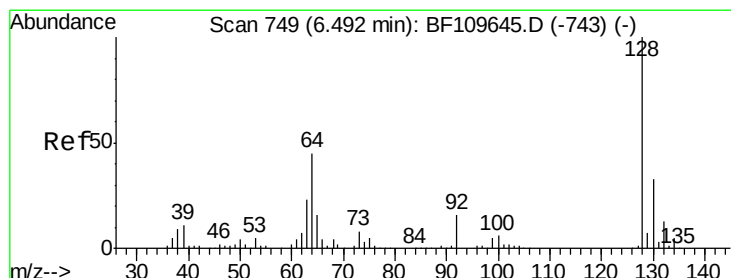
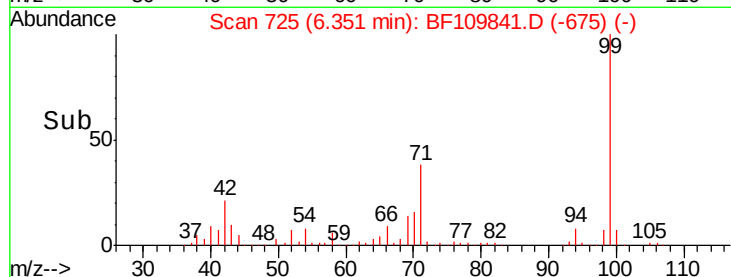
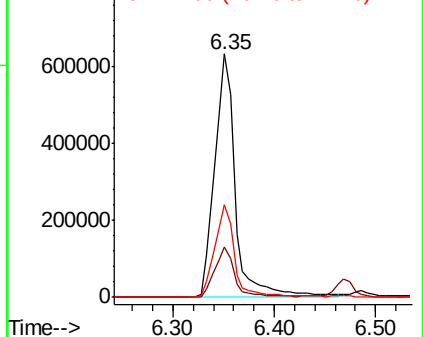
Tot Ion:	99	Resp:	899975
Ion Ratio	Lower	Upper	
99	100		
42	20.6	15.8	23.6
71	37.8	28.0	42.0

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



#8

2-Chlorophenol

Concen: 35.829 ng

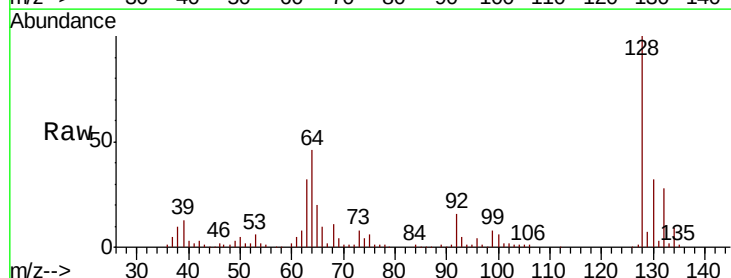
RT: 6.49 min Scan# 748

Delta R.T. -0.01 min

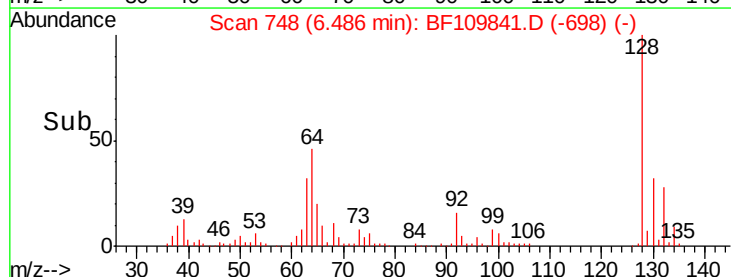
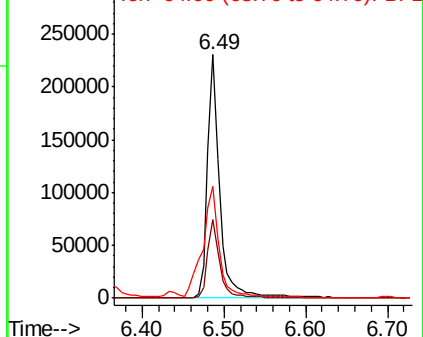
Lab File: BF109841.D

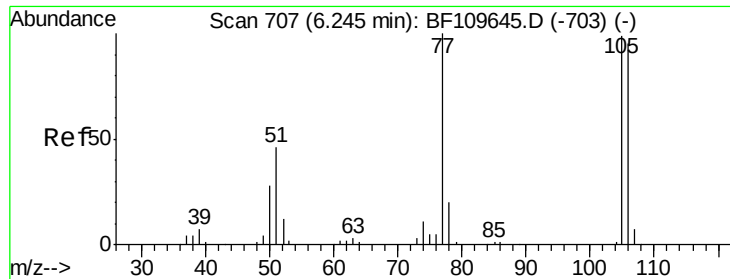
Acq: 12 Oct 2018 18:39

Tgt Ion:	128	Resp:	242324
Ion Ratio	Lower	Upper	
128	100		
130	32.4	13.1	53.1
64	45.7	26.0	66.0



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





#9

Benzaldehyde

Concen: 21.935 ng

RT: 6.25 min Scan# 707

Delta R.T. -0.00 min

Lab File: BF109841.D

Acq: 12 Oct 2018 18:39

Instrument :

BNA_F

ClientSampleId :

HD-01-101118MS

Tot Ion: 77 Resp: 103694

Ion Ratio Lower Upper

77 100

105 96.1 78.6 118.6

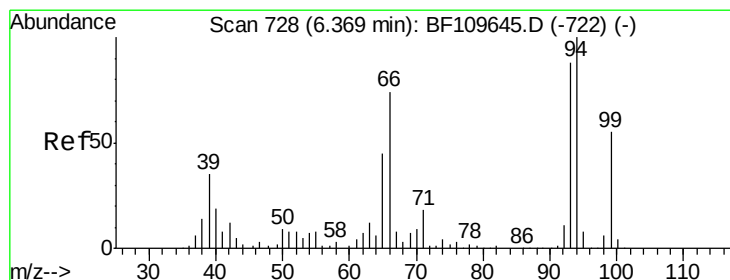
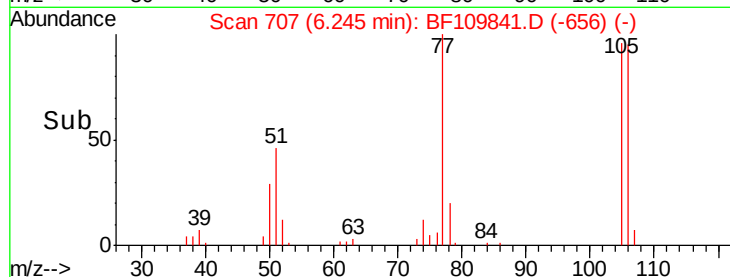
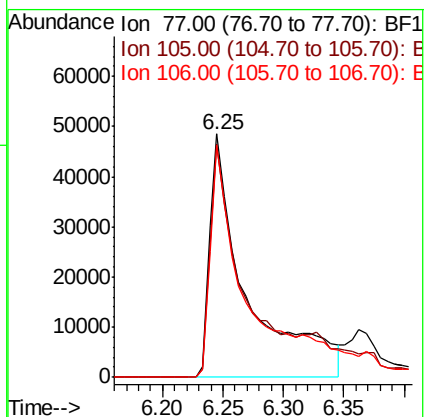
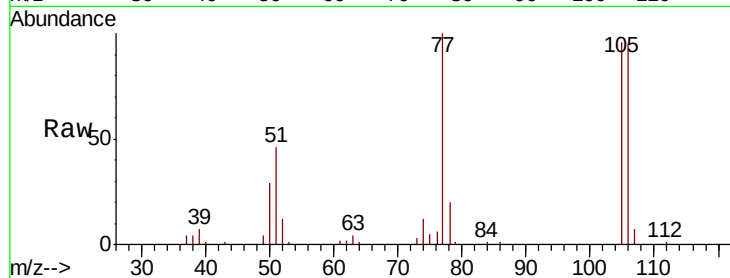
106 95.4 74.8 114.8

Manual Integrations

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#10

Phenol

Concen: 36.600 ng

RT: 6.36 min Scan# 727

Delta R.T. -0.01 min

Lab File: BF109841.D

Acq: 12 Oct 2018 18:39

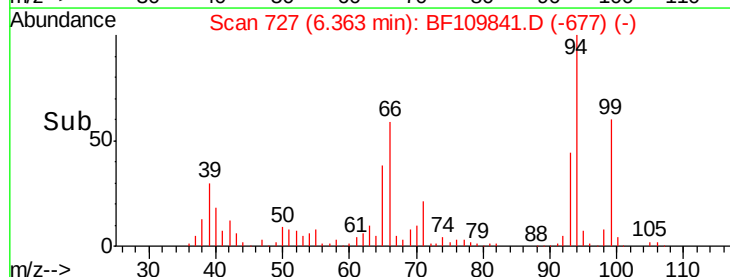
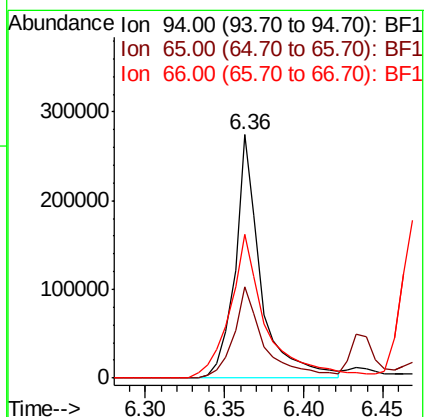
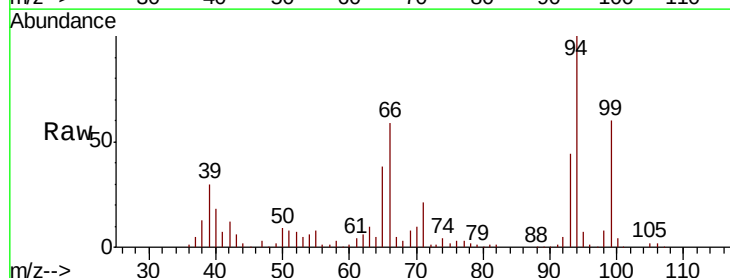
Tgt Ion: 94 Resp: 308320

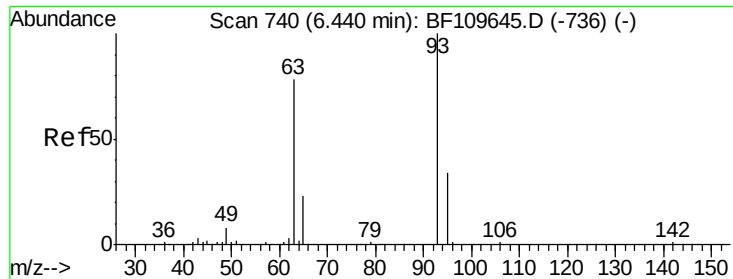
Ion Ratio Lower Upper

94 100

65 37.6 25.3 65.3

66 59.0 54.5 94.5





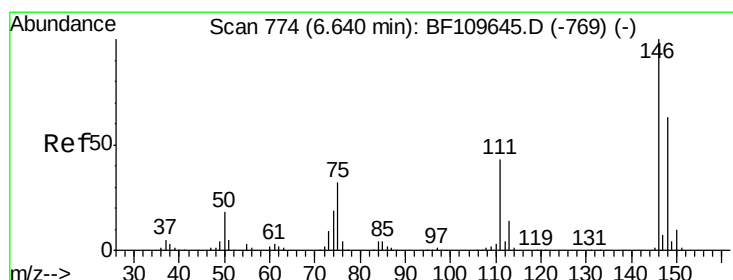
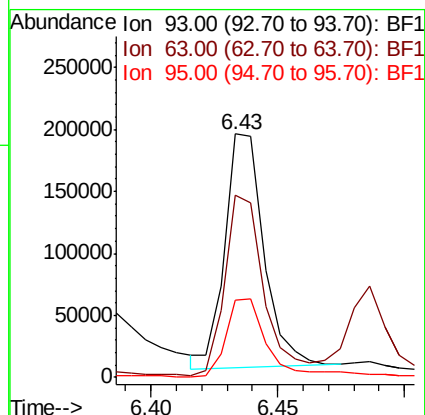
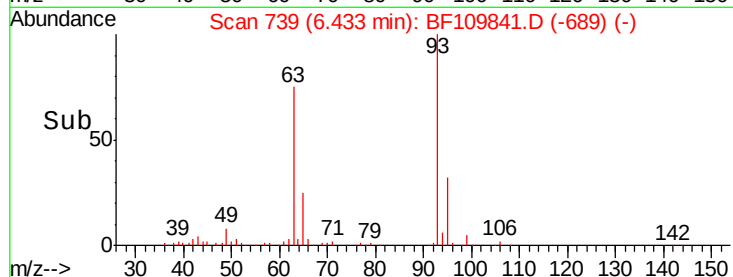
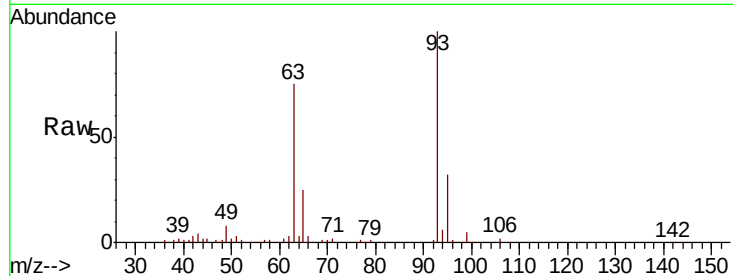
#11
bis(2-Chloroethyl)ether
Concen: 29.114 ng
RT: 6.43 min Scan# 739
Delta R.T. -0.01 min
Lab File: BF109841.D
Acq: 12 Oct 2018 18:39

Instrument :
BNA_F
ClientSampleId :
HD-01-101118MS

Tot Ion:	93	Resp:	203329
Ion Ratio	Lower	Upper	
93	100		
63	74.8	53.4	93.4
95	31.7	12.1	52.1

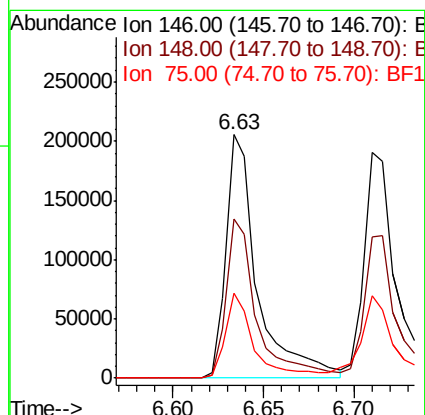
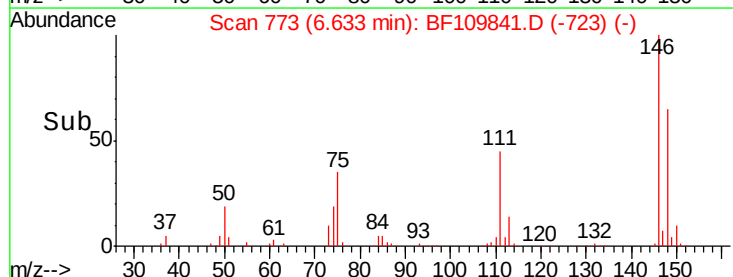
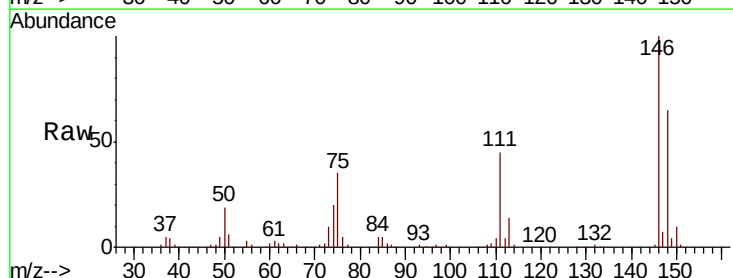
Manual Integrations
APPROVED

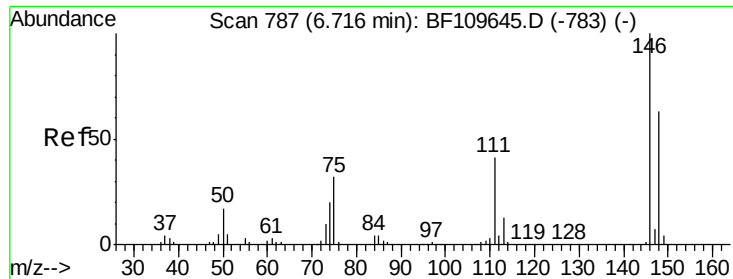
Sohil
10/15/2018 10:28:27 AM



#12
1,3-Dichlorobenzene
Concen: 32.084 ng
RT: 6.63 min Scan# 773
Delta R.T. -0.01 min
Lab File: BF109841.D
Acq: 12 Oct 2018 18:39

Tgt Ion:	146	Resp:	248185
Ion Ratio	Lower	Upper	
146	100		
148	65.4	50.4	75.6
75	34.8	25.8	38.6





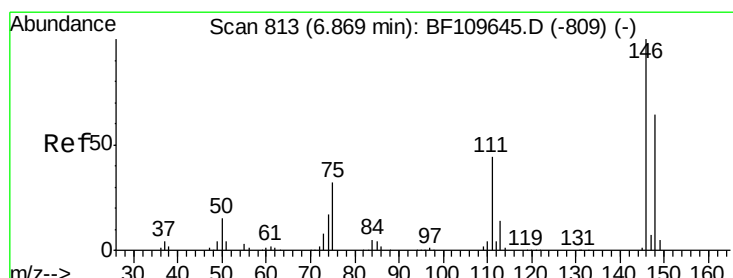
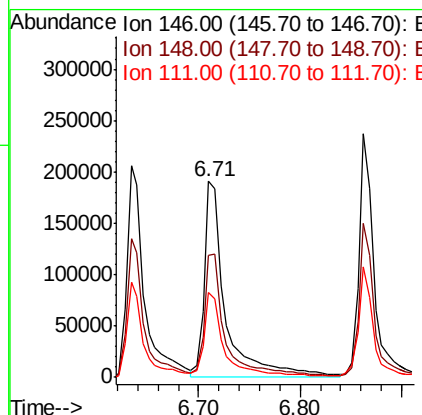
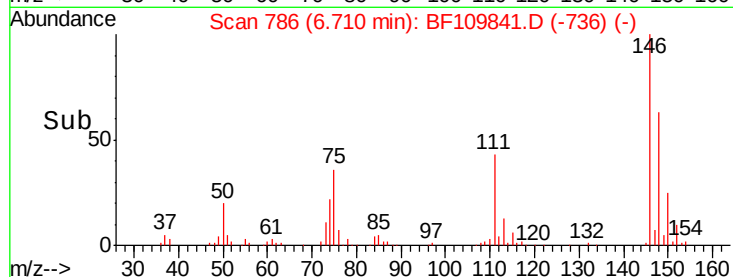
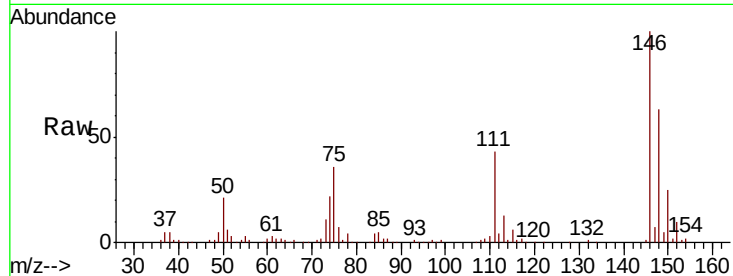
#13
1,4-Dichlorobenzene
Concen: 32.647 ng
RT: 6.71 min Scan# 786
Delta R.T. -0.01 min
Lab File: BF109841.D
Acq: 12 Oct 2018 18:39

Instrument :
BNA_F
ClientSampleId :
HD-01-101118MS

Tot Ion	Ratio	Lower	Upper
146	100		
148	62.5	50.3	75.5
111	43.1	32.7	49.1

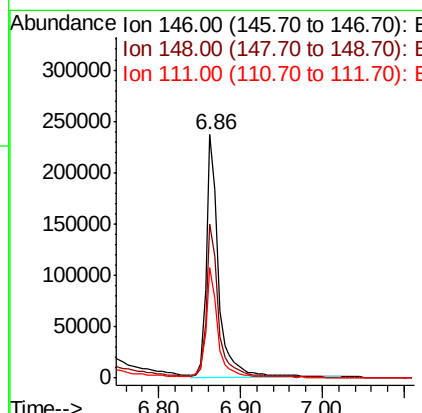
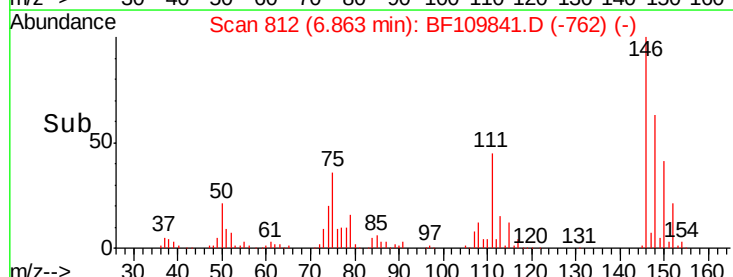
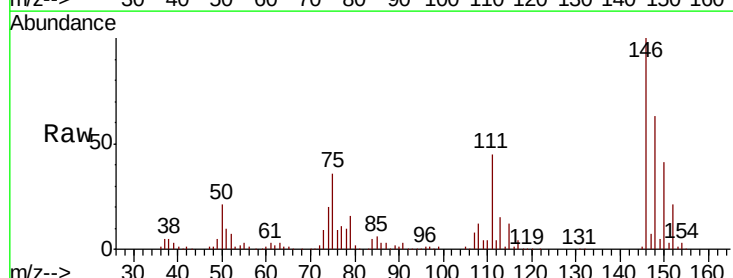
Manual Integrations
APPROVED

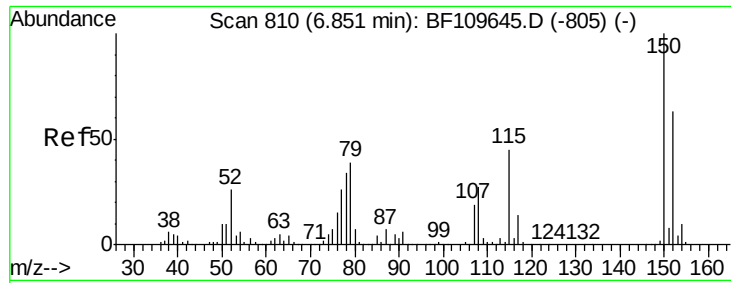
Sohil
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#14
1,2-Dichlorobenzene
Concen: 33.490 ng
RT: 6.86 min Scan# 812
Delta R.T. -0.01 min
Lab File: BF109841.D
Acq: 12 Oct 2018 18:39

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.1	51.1	76.7
111	45.4	35.8	53.6





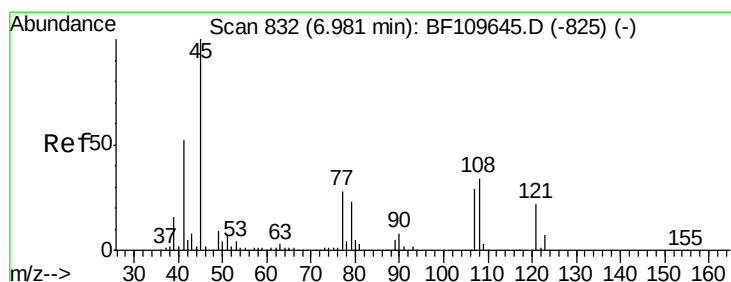
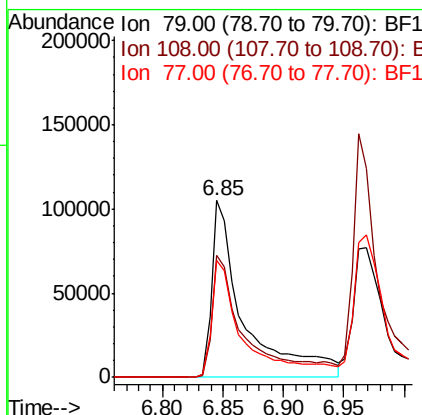
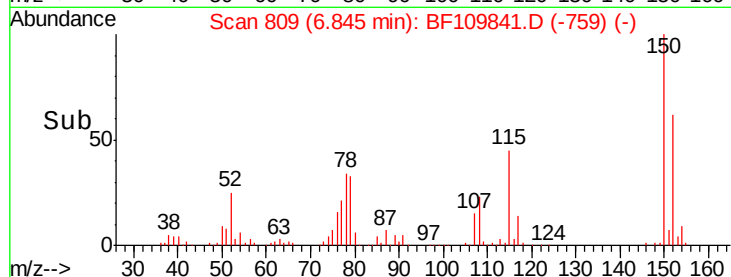
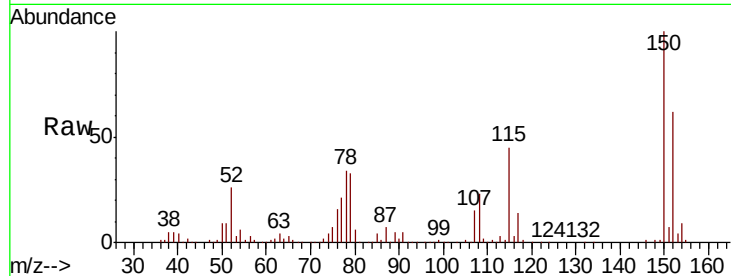
#15
Benzyl Alcohol
Concen: 35.477 ng
RT: 6.85 min Scan# 809
Delta R.T. -0.01 min
Lab File: BF109841.D
Acq: 12 Oct 2018 18:39

Instrument :
BNA_F
ClientSampleId :
HD-01-101118MS

Tot Ion	Ratio	Resp	Lower	Upper
79	100			
108	69.2	56.3	84.5	
77	65.7	52.9	79.3	

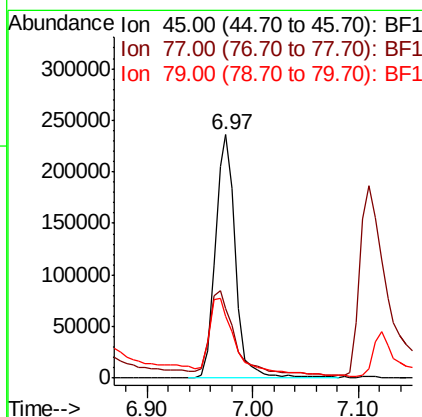
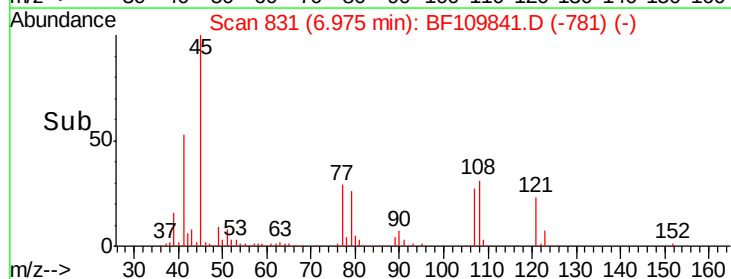
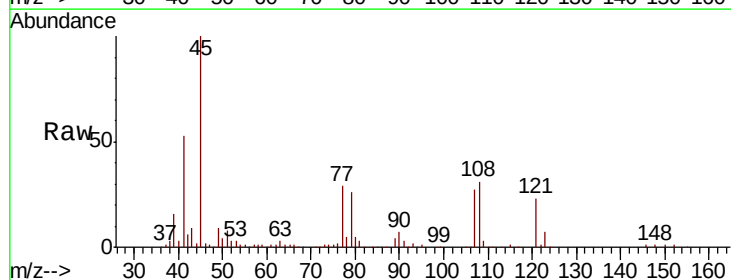
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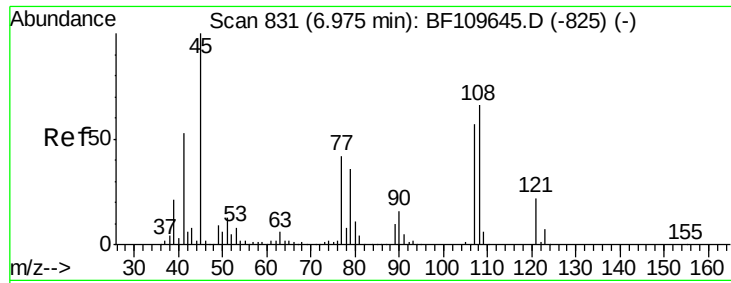
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#16
2,2'-oxybis(1-Chloropropane)
Concen: 34.087 ng
RT: 6.97 min Scan# 831
Delta R.T. -0.01 min
Lab File: BF109841.D
Acq: 12 Oct 2018 18:39

Tgt Ion	Ratio	Resp	Lower	Upper
45	100			
77	28.7	10.0	50.0	
79	25.6	6.1	46.1	





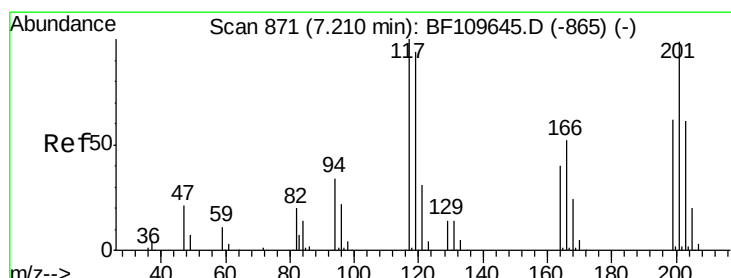
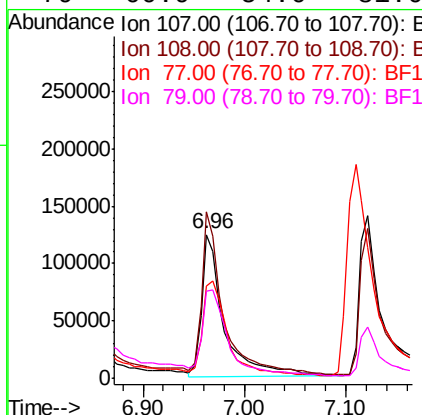
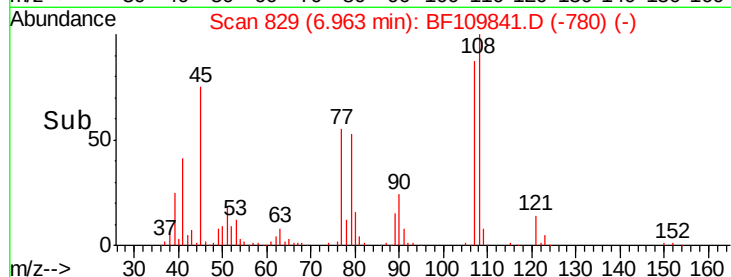
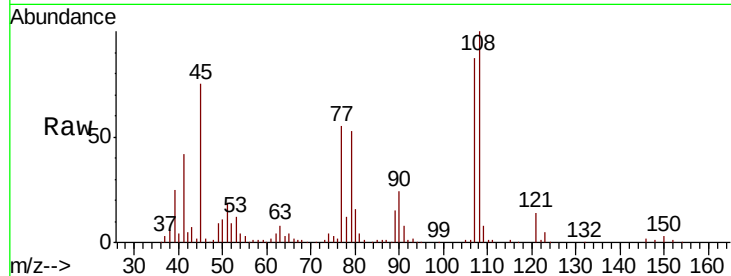
#17
2-Methylphenol
Concen: 35.493 ng
RT: 6.96 min Scan# 829
Delta R.T. -0.01 min
Lab File: BF109841.D
Acq: 12 Oct 2018 18:39

Instrument :
BNA_F
ClientSampleId :
HD-01-101118MS

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	115.5	92.6	138.8	
77	63.8	59.4	89.2	
79	60.9	54.0	81.0	

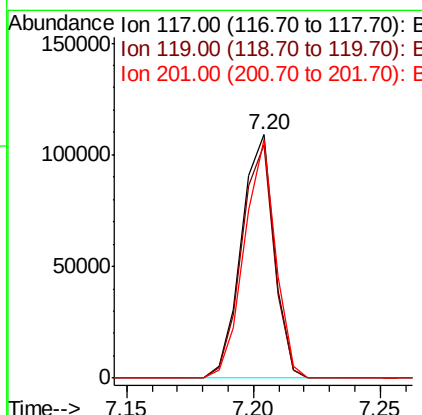
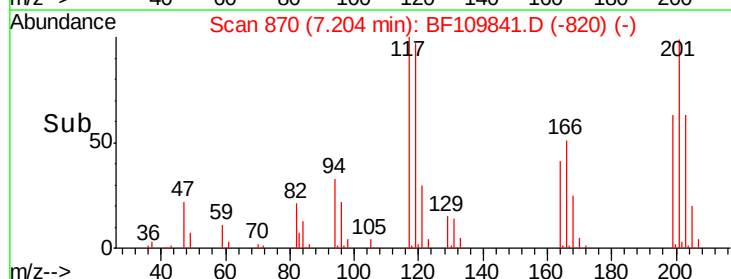
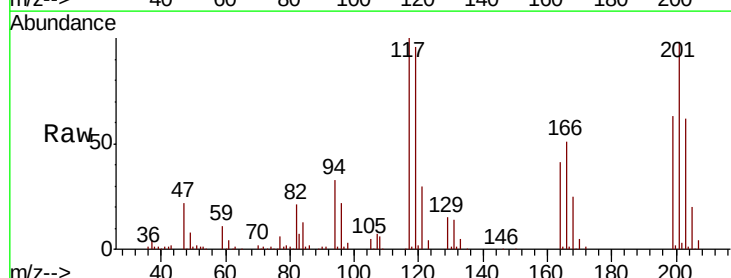
Manual Integrations
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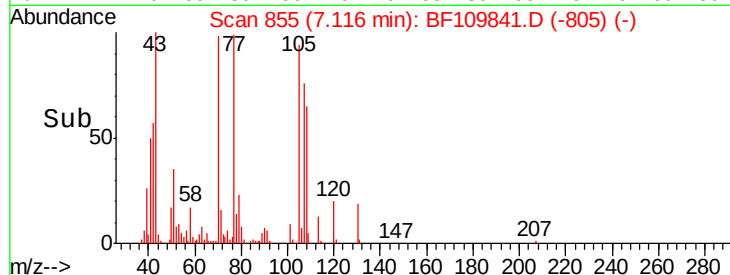
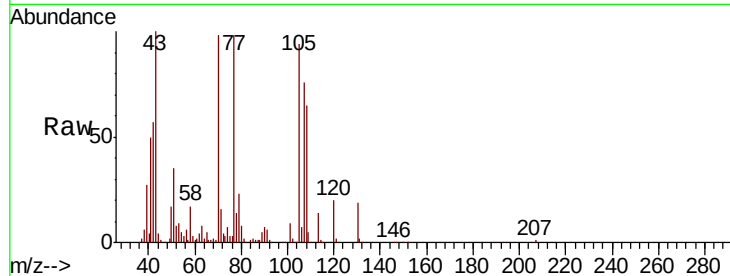
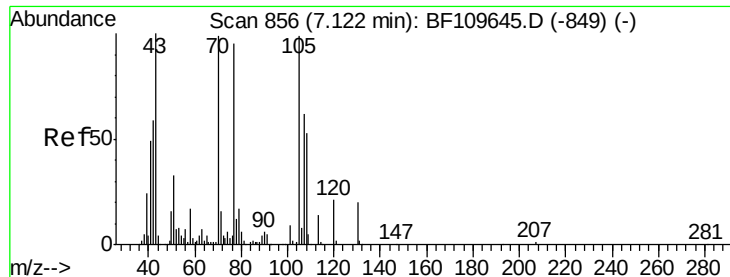
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#18
Hexachloroethane
Concen: 33.009 ng
RT: 7.20 min Scan# 870
Delta R.T. -0.01 min
Lab File: BF109841.D
Acq: 12 Oct 2018 18:39

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	96.0	75.0	112.6	
201	97.9	79.2	118.8	





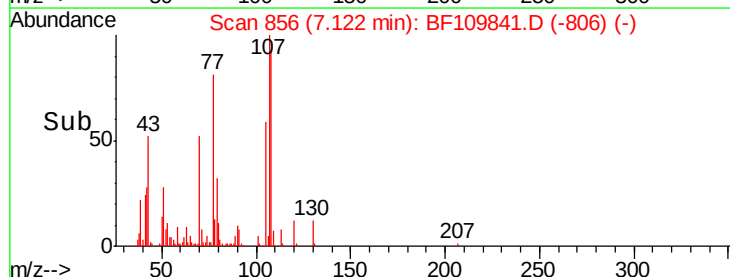
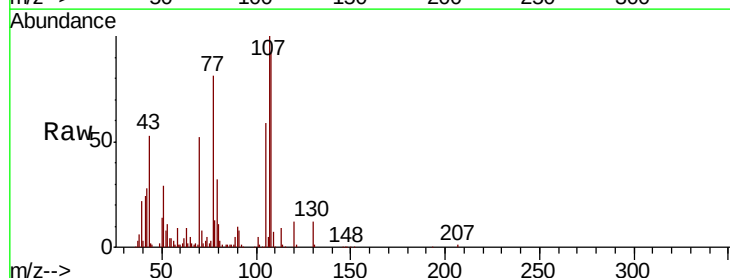
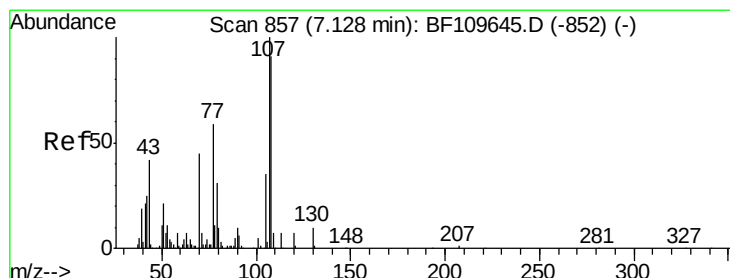
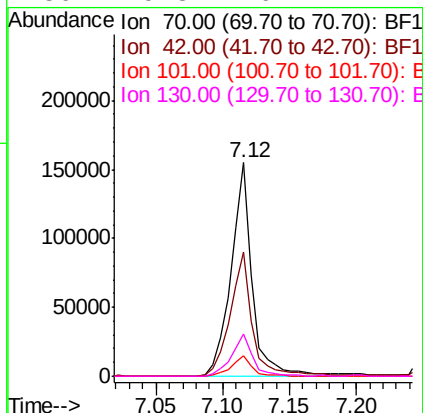
#19
n-Nitroso-di-n-propylamine
Concen: 33.800 ng
RT: 7.12 min Scan# 855
Delta R.T. -0.01 min
Lab File: BF109841.D
Acq: 12 Oct 2018 18:39

Instrument :
BNA_F
ClientSampleId :
HD-01-101118MS

Tot Ion	Ion	Ratio	Lower	Upper
70	100			
42	57.9	47.4	71.2	
101	9.5	7.3	10.9	
130	19.8	16.2	24.2	

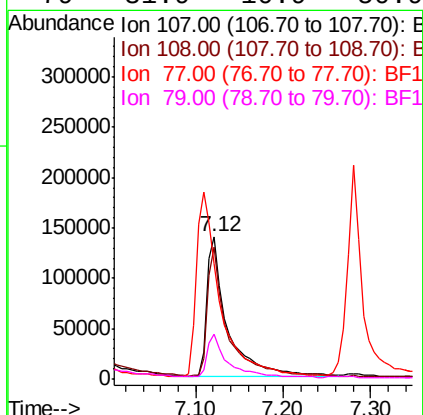
Manual Integrations
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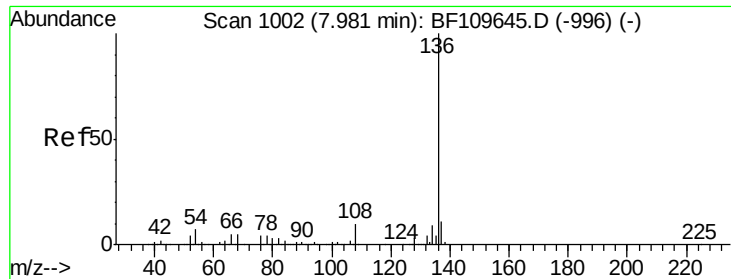
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#20
3+4-Methylphenols
Concen: 34.249 ng
RT: 7.12 min Scan# 856
Delta R.T. -0.01 min
Lab File: BF109841.D
Acq: 12 Oct 2018 18:39

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	92.4	71.4	111.4	
77	80.8	47.3	87.3	
79	31.9	10.9	50.9	





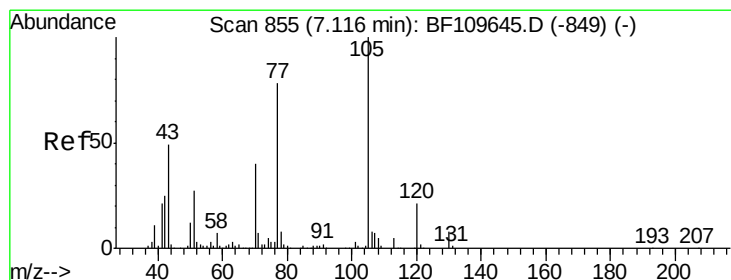
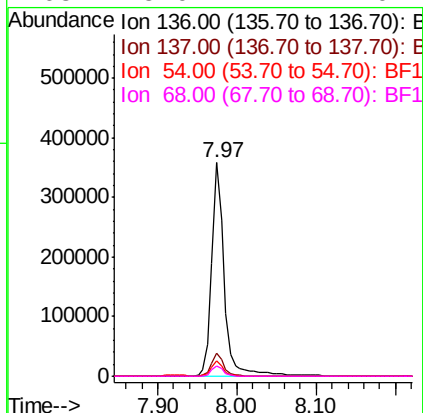
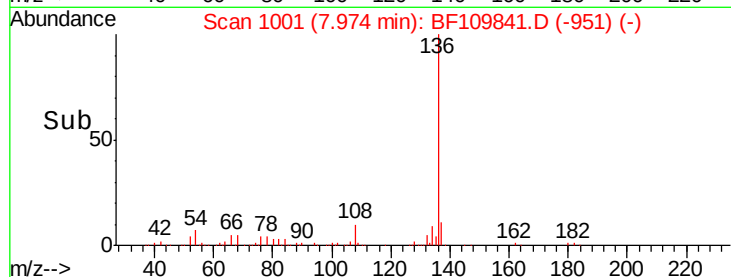
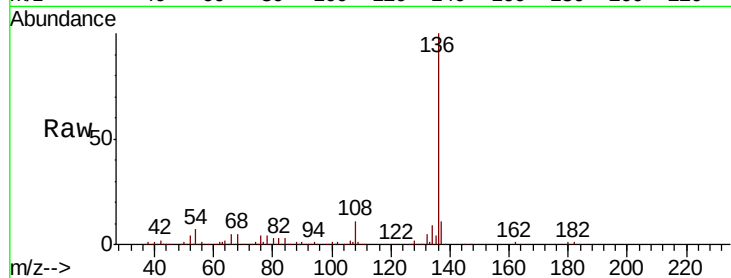
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.97 min Scan# 1001
Delta R.T. -0.01 min
Lab File: BF109841.D
Acq: 12 Oct 2018 18:39

Instrument :
BNA_F
ClientSampleId :
HD-01-101118MS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
136	100		397420		
137	11.1		8.8	13.2	
54	7.2		5.4	8.2	
68	5.0		4.2	6.2	

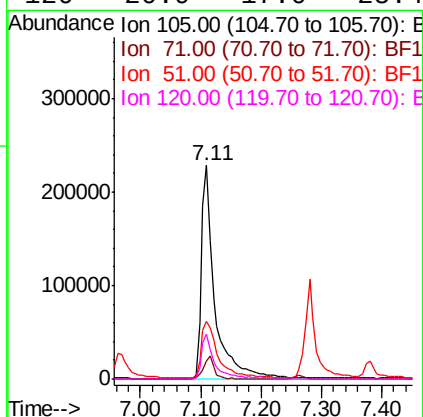
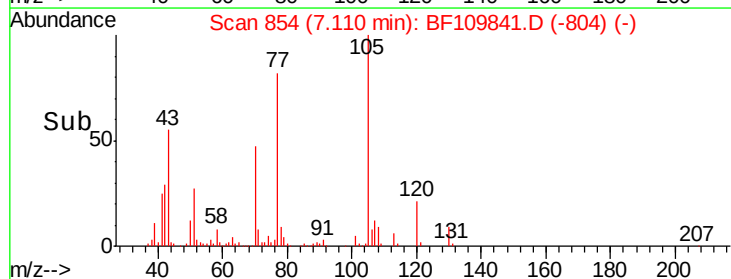
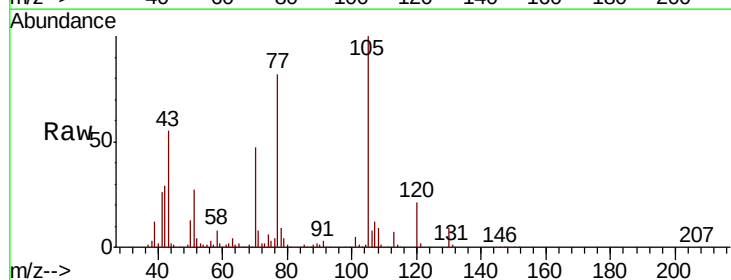
Manual Integrations
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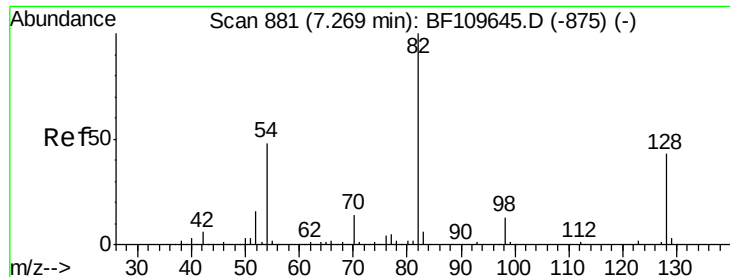
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#22
Acetophenone
Concen: 37.472 ng
RT: 7.11 min Scan# 854
Delta R.T. -0.01 min
Lab File: BF109841.D
Acq: 12 Oct 2018 18:39

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
105	100		360119		
71	8.2		5.2	7.8#	
51	27.2		21.8	32.8	
120	20.9		17.0	25.4	





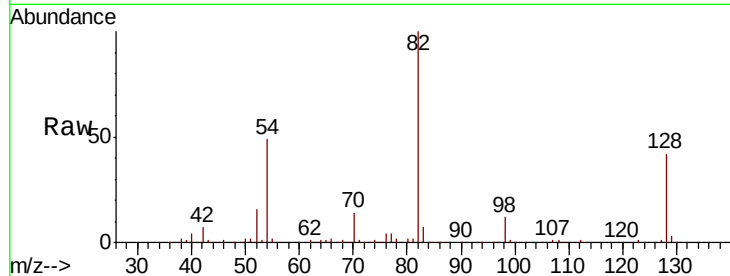
#23
 Nitrobenzene-d5
 Concen: 85.280 ng
 RT: 7.26 min Scan# 880
 Delta R.T. -0.01 min
 Lab File: BF109841.D
 Acq: 12 Oct 2018 18:39

Instrument :
 BNA_F
 ClientSampleId :
 HD-01-101118MS

Tot Ion	Ratio	Lower	Upper
82	100		
128	42.2	34.2	51.2
54	48.7	38.6	58.0

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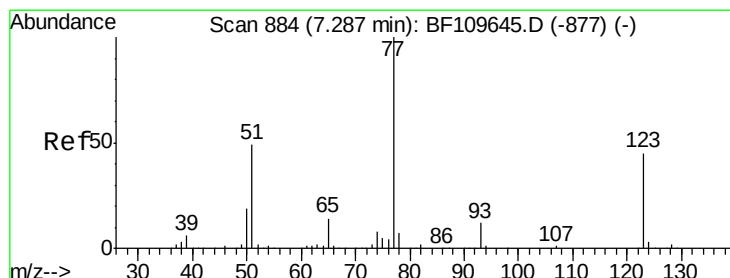
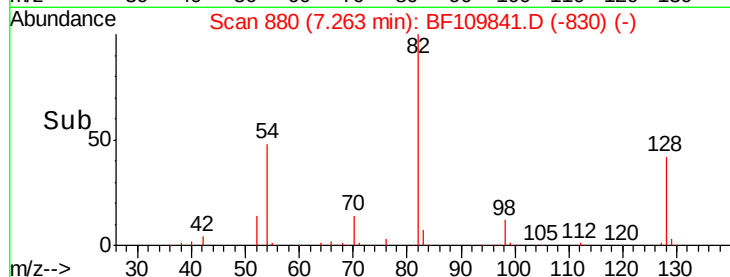
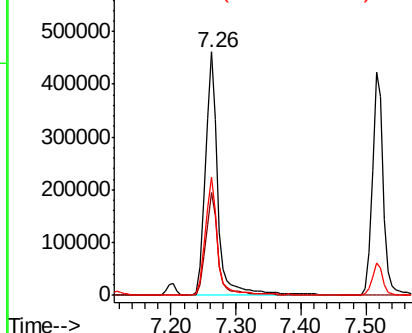


Abundance

Ion 82.00 (81.70 to 82.70): BF1

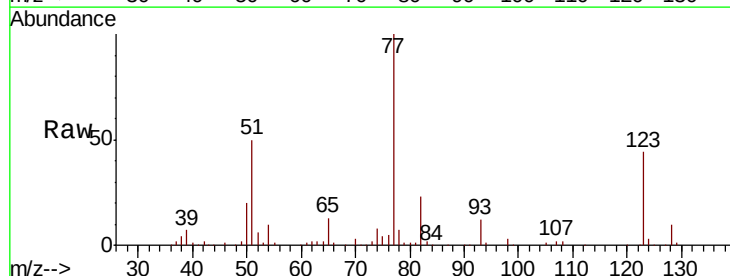
Ion 128.00 (127.70 to 128.70): BF1

Ion 54.00 (53.70 to 54.70): BF1



#24
 Nitrobenzene
 Concen: 34.743 ng
 RT: 7.28 min Scan# 883
 Delta R.T. -0.01 min
 Lab File: BF109841.D
 Acq: 12 Oct 2018 18:39

Tgt Ion	Ratio	Lower	Upper
77	100		
123	43.9	35.7	53.5
65	13.5	10.7	16.1

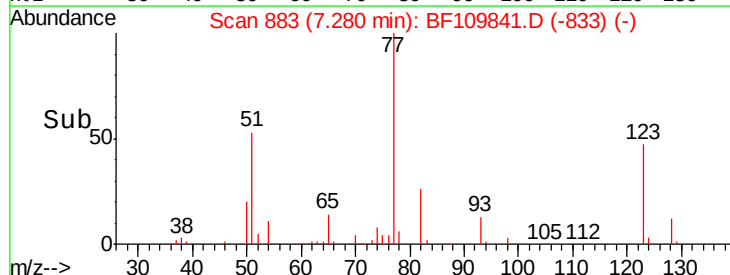
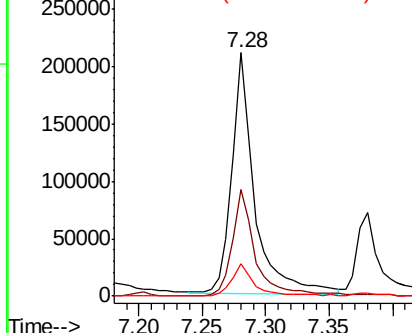


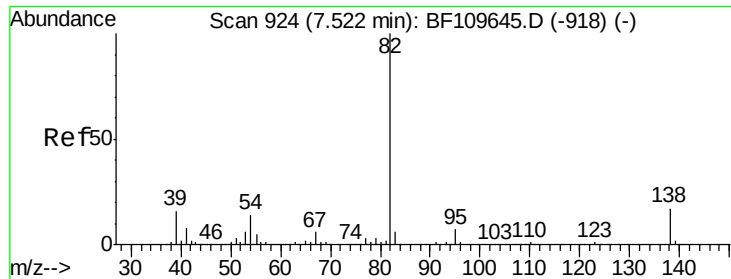
Abundance

Ion 77.00 (76.70 to 77.70): BF1

Ion 123.00 (122.70 to 123.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#25

Isophorone

Concen: 40.071 ng

RT: 7.52 min Scan# 923

Delta R.T. -0.01 min

Lab File: BF109841.D

Acq: 12 Oct 2018 18:39

Instrument :

BNA_F

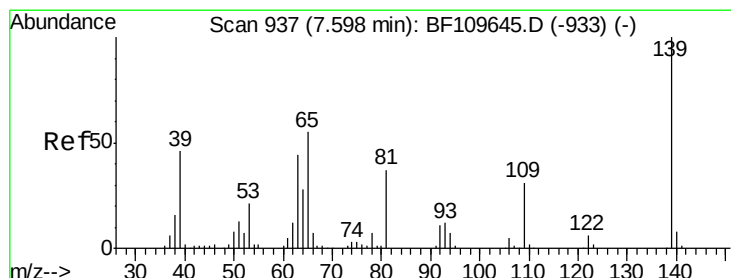
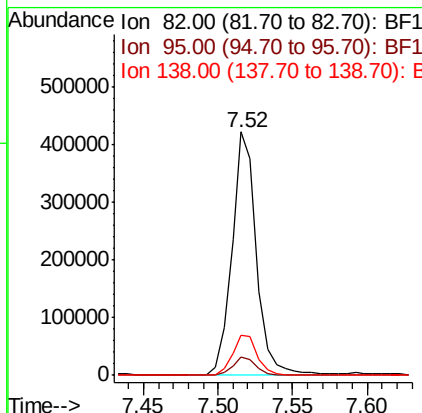
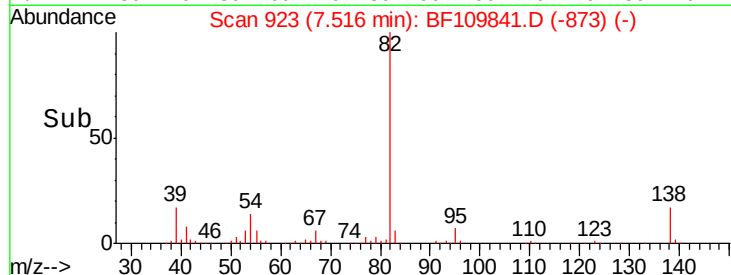
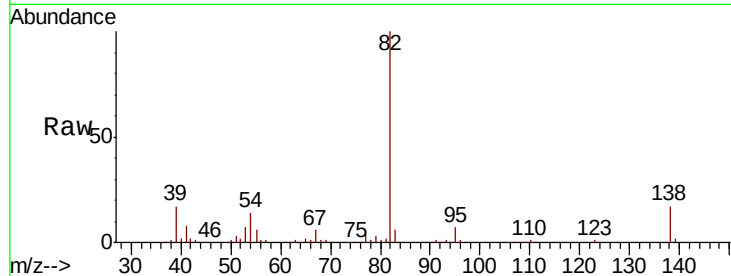
ClientSampleId :

HD-01-101118MS

Tot Ion:	82	Resp:	479731
Ion Ratio	Lower	Upper	
82	100		
95	7.3	5.7	8.5
138	16.7	13.2	19.8

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#26

2-Nitrophenol

Concen: 36.074 ng

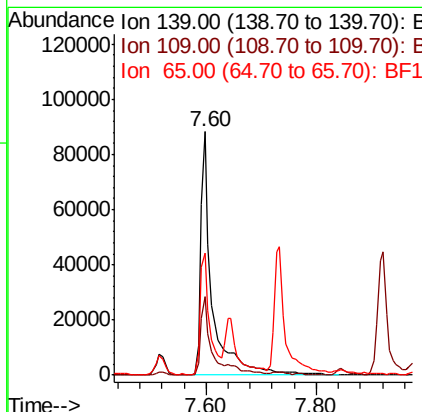
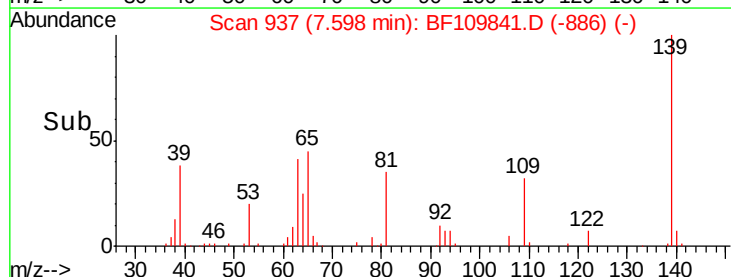
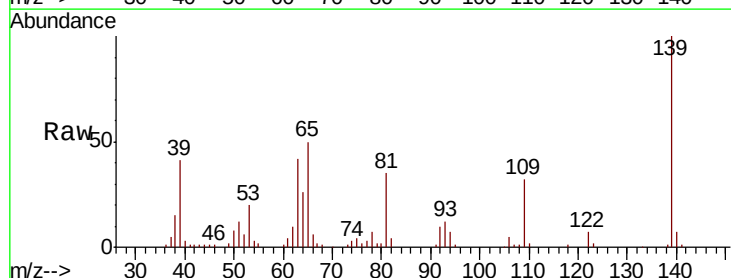
RT: 7.60 min Scan# 937

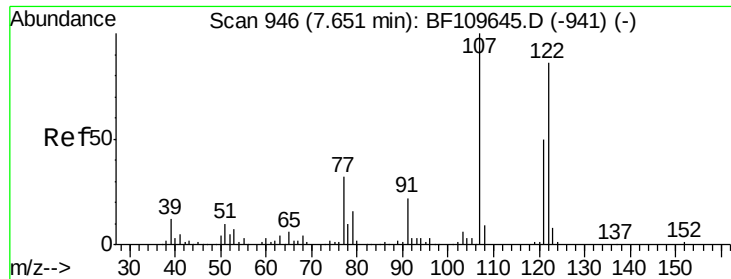
Delta R.T. -0.00 min

Lab File: BF109841.D

Acq: 12 Oct 2018 18:39

Tgt Ion:	139	Resp:	126586
Ion Ratio	Lower	Upper	
139	100		
109	32.2	25.0	37.6
65	50.1	44.0	66.0





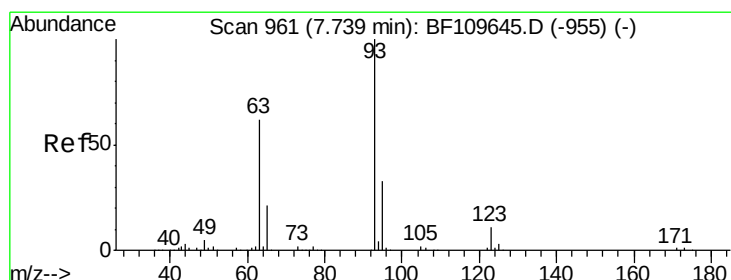
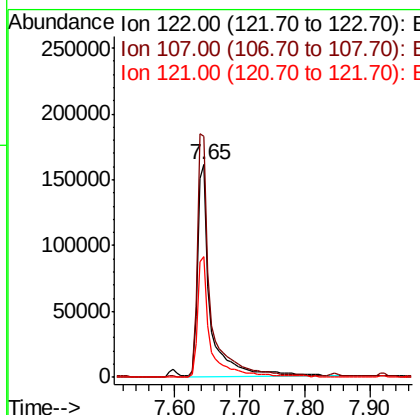
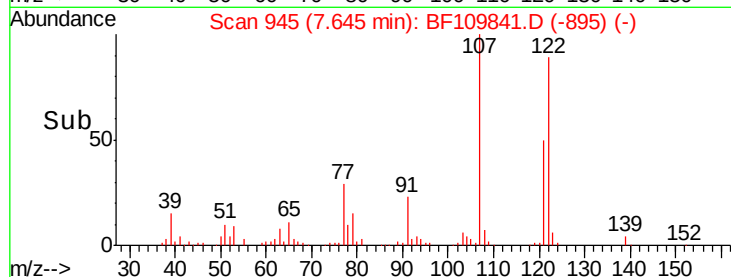
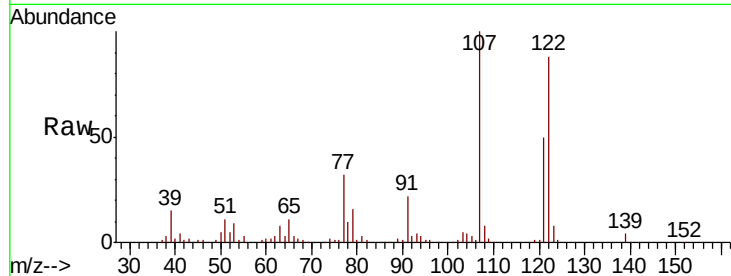
#27
 2,4-Dimethylphenol
 Concen: 43.417 ng
 RT: 7.65 min Scan# 945
 Delta R.T. -0.01 min
 Lab File: BF109841.D
 Acq: 12 Oct 2018 18:39

Instrument :
 BNA_F
 ClientSampleId :
 HD-01-101118MS

Tot Ion	Ratio	Lower	Upper
122	100		
107	113.3	92.5	138.7
121	56.5	45.8	68.8

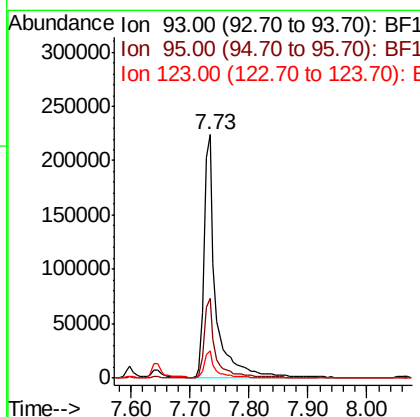
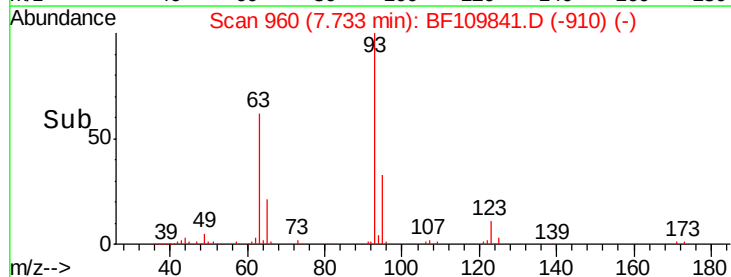
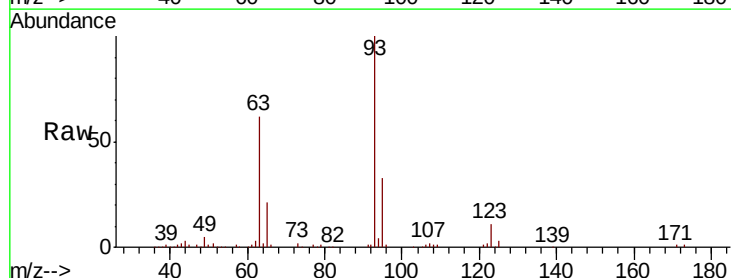
Manual Integrations
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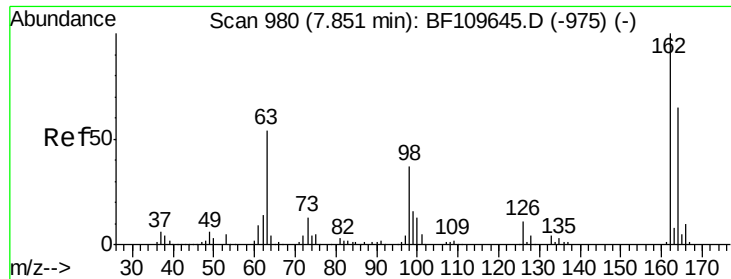
Sohil
 10/15/2018 10:28:27 AM



#28
 bis(2-Chloroethoxy)methane
 Concen: 37.429 ng
 RT: 7.73 min Scan# 960
 Delta R.T. -0.01 min
 Lab File: BF109841.D
 Acq: 12 Oct 2018 18:39

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.7	26.4	39.6
123	11.1	9.0	13.6





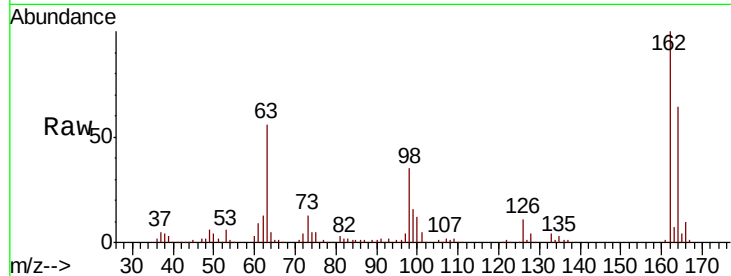
#29
2,4-Dichlorophenol
Concen: 36.914 ng
RT: 7.85 min Scan# 979
Delta R.T. -0.01 min
Lab File: BF109841.D
Acq: 12 Oct 2018 18:39

Instrument :
BNA_F
ClientSampleId :
HD-01-101118MS

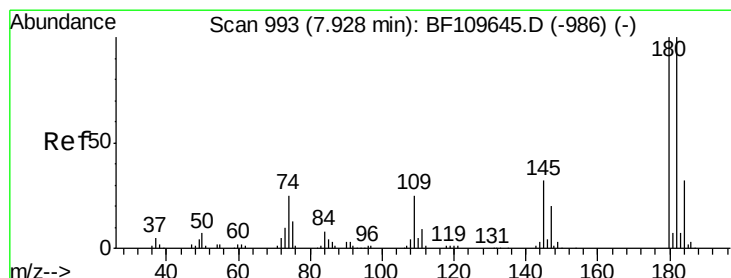
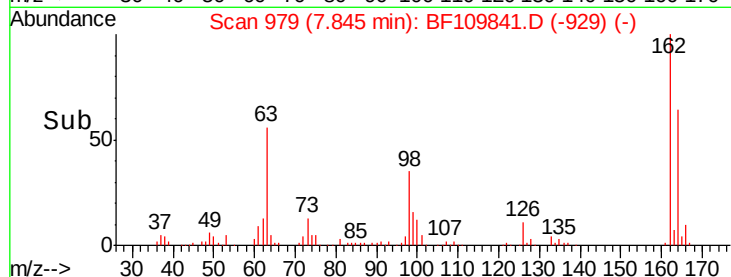
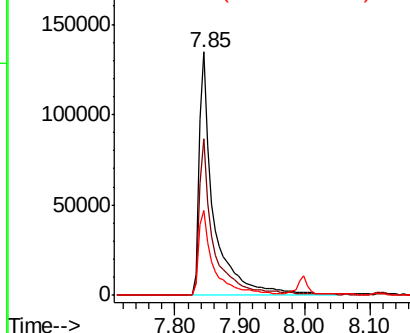
Tot Ion:	162	Resp:	209810
Ion Ratio	Lower	Upper	
162	100		
164	64.1	44.6	84.6
98	35.0	17.4	57.4

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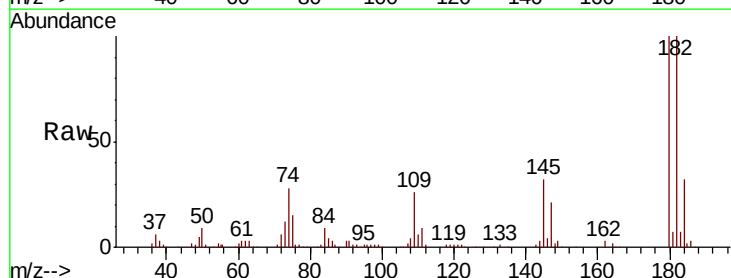


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): BF1

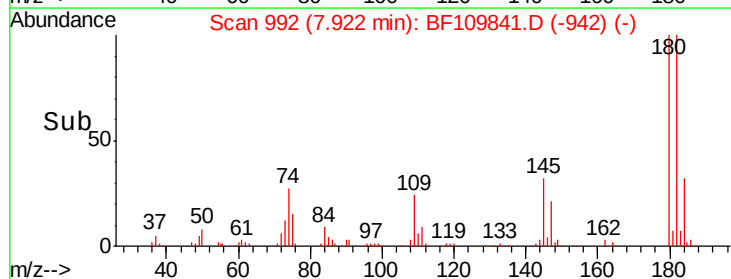
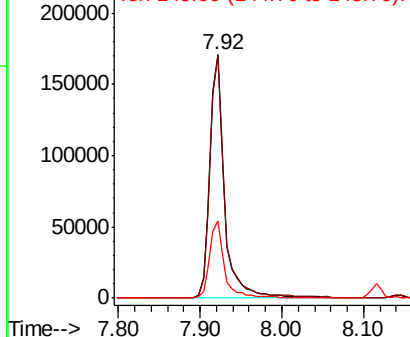


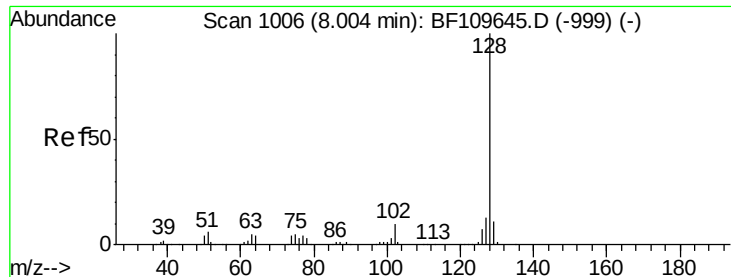
#30
1,2,4-Trichlorobenzene
Concen: 33.729 ng
RT: 7.92 min Scan# 992
Delta R.T. -0.01 min
Lab File: BF109841.D
Acq: 12 Oct 2018 18:39

Tgt Ion:	180	Resp:	212226
Ion Ratio	Lower	Upper	
180	100		
182	99.6	80.3	120.5
145	31.6	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





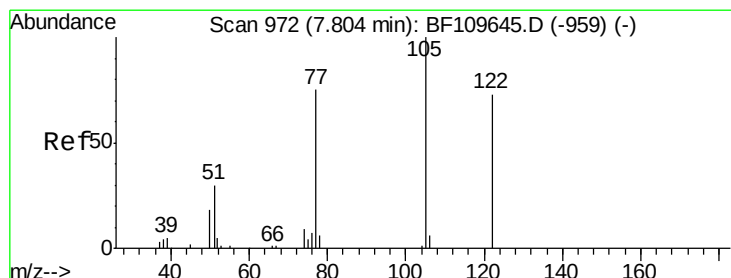
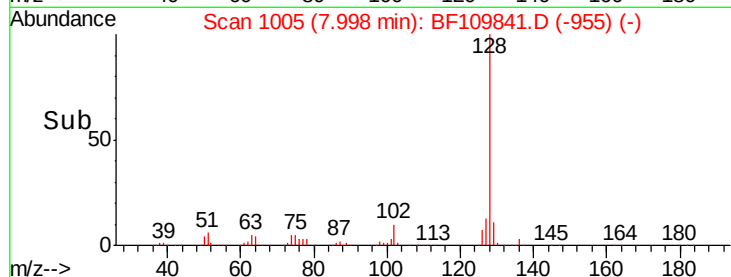
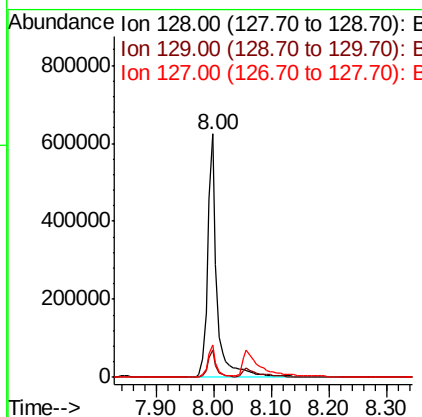
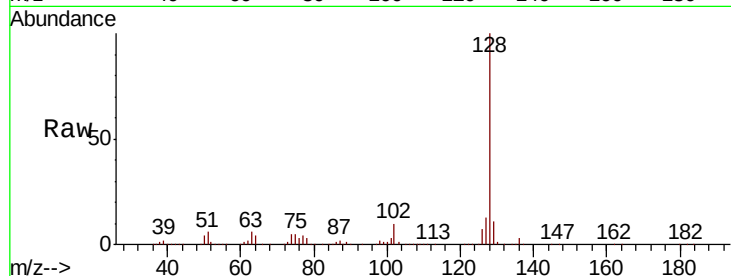
#31
Naphthalene
Concen: 39.058 ng
RT: 8.00 min Scan# 1005
Delta R.T. -0.01 min
Lab File: BF109841.D
Acq: 12 Oct 2018 18:39

Instrument :
BNA_F
ClientSampleId :
HD-01-101118MS

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

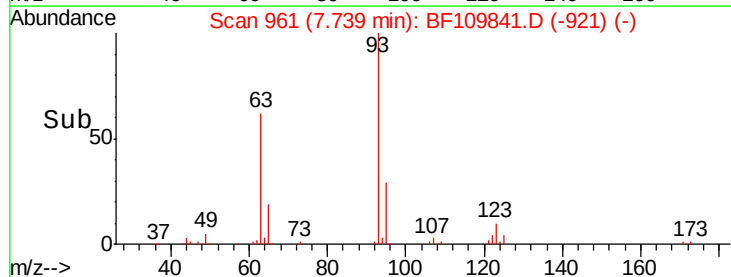
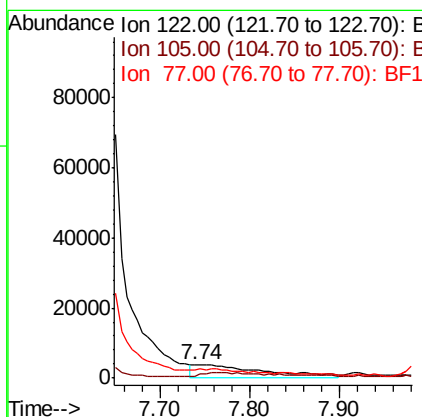
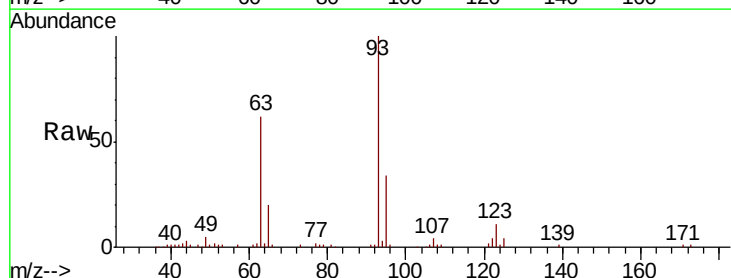
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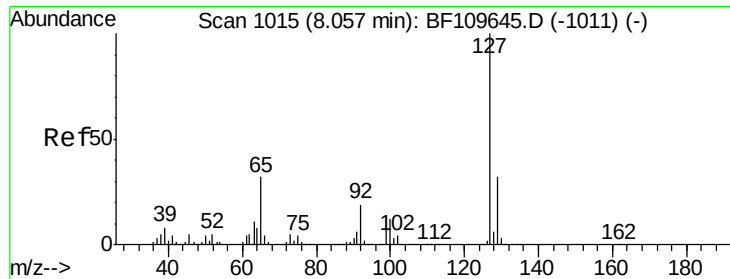
Sohil
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#32
Benzoic acid
Concen: 5.948 ng m
RT: 7.74 min Scan# 961
Delta R.T. -0.06 min
Lab File: BF109841.D
Acq: 12 Oct 2018 18:39

Tgt Ion	Ratio	Lower	Upper
122	100		
105	10.7	109.0	149.0#
77	54.9	79.0	119.0#





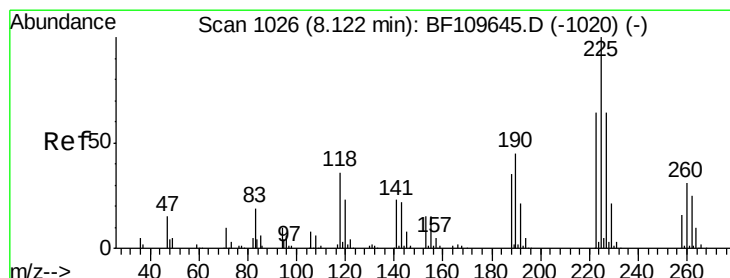
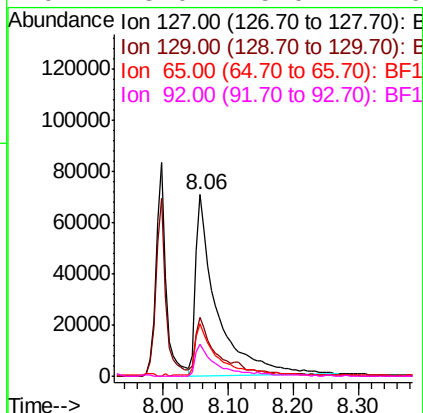
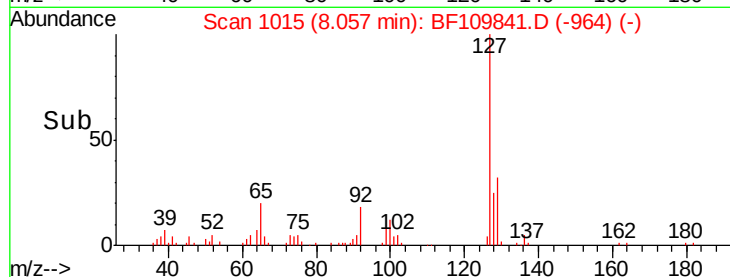
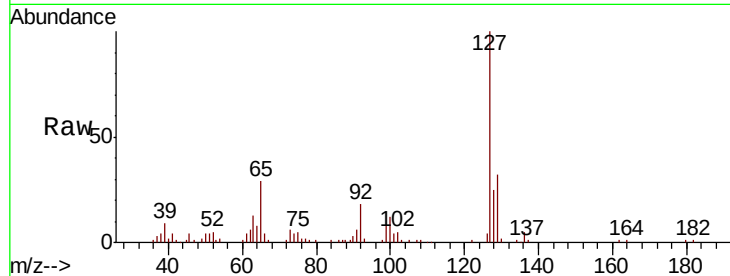
#33
4-Chloroaniline
Concen: 19.589 ng
RT: 8.06 min Scan# 1015
Delta R.T. -0.00 min
Lab File: BF109841.D
Acq: 12 Oct 2018 18:39

Instrument :
BNA_F
ClientSampleId :
HD-01-101118MS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100		158546		
129	32.3	26.0	39.0		
65	29.3	25.1	37.7		
92	18.0	15.0	22.6		

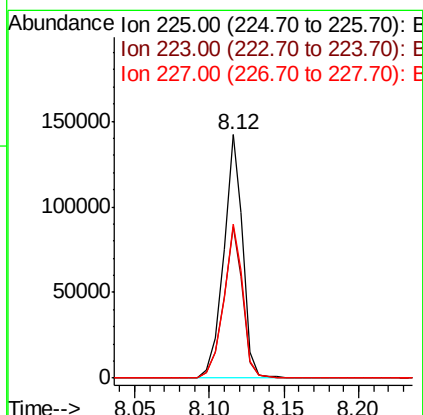
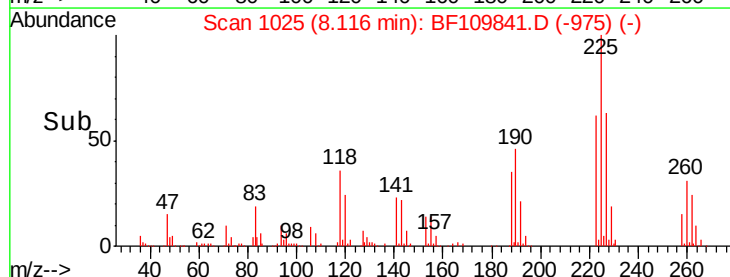
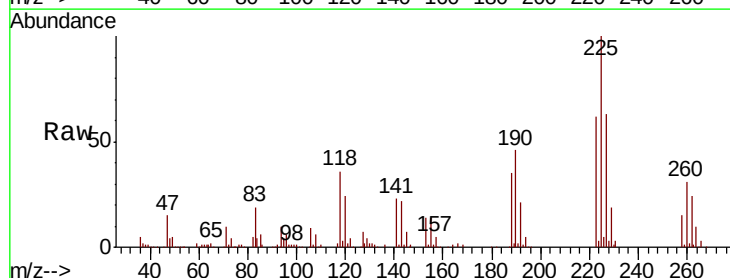
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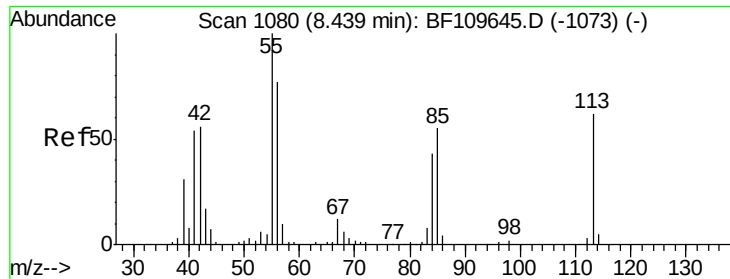
Sohil
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#34
Hexachlorobutadiene
Concen: 32.786 ng
RT: 8.12 min Scan# 1025
Delta R.T. -0.01 min
Lab File: BF109841.D
Acq: 12 Oct 2018 18:39

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100		128263		
223	62.3	51.4	77.2		
227	63.1	51.0	76.6		





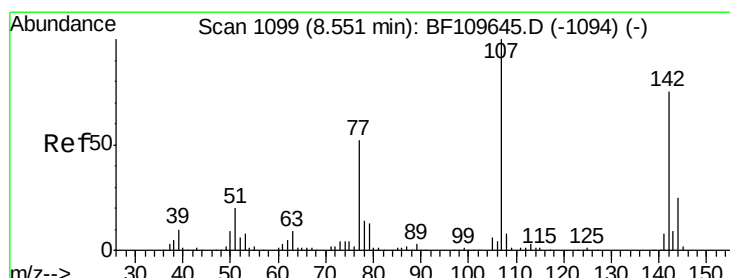
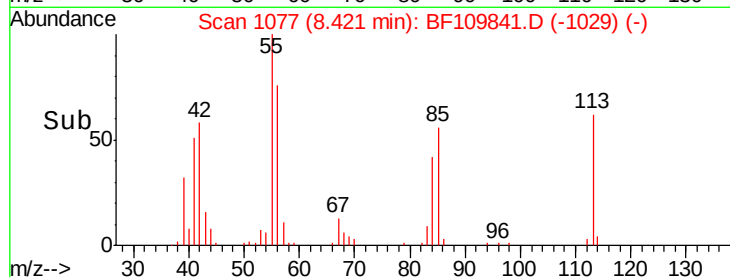
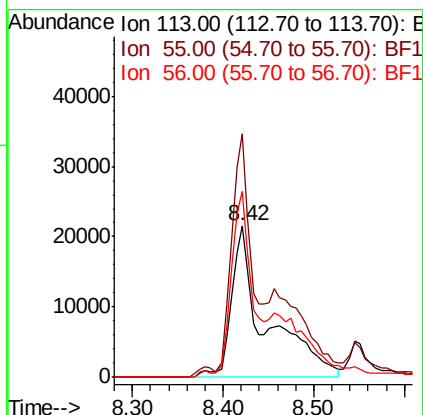
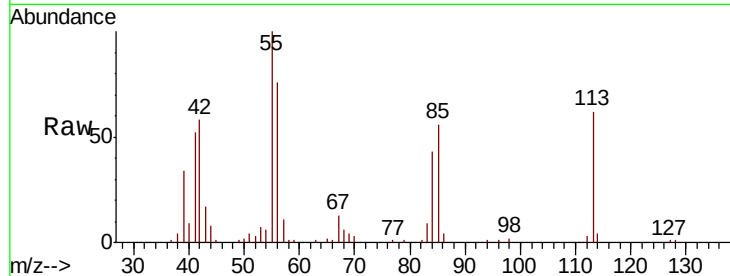
#35
Caprolactam
Concen: 33.375 ng/ml
RT: 8.42 min Scan# 1077
Delta R.T. -0.02 min
Lab File: BF109841.D
Acq: 12 Oct 2018 18:39

Instrument :
BNA_F
ClientSampleId :
HD-01-101118MS

Tot Ion	Ratio	Lower	Upper
113	100		
55	160.6	142.8	182.8
56	122.6	105.0	145.0

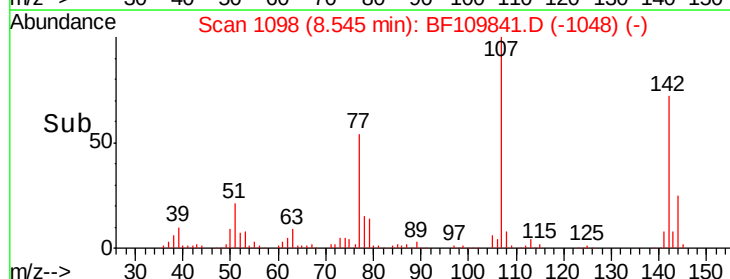
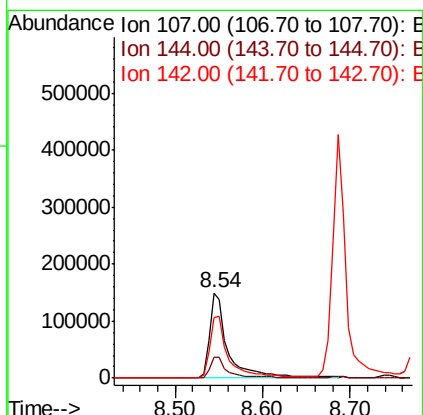
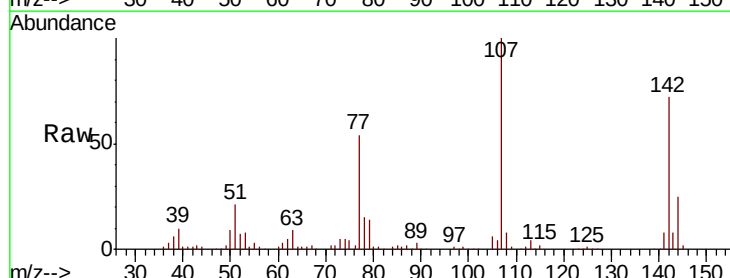
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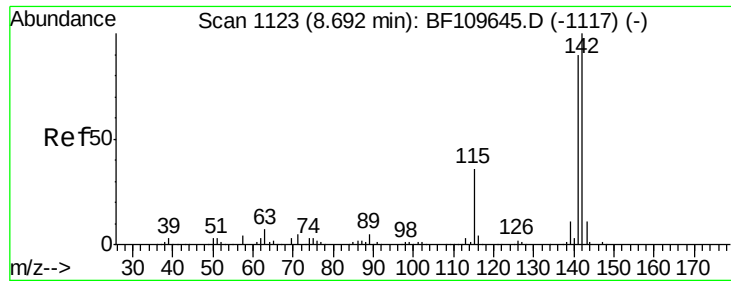
Sohil
10/15/2018 10:28:27 AM



#36
4-Chloro-3-methylphenol
Concen: 36.316 ng/ml
RT: 8.54 min Scan# 1098
Delta R.T. -0.01 min
Lab File: BF109841.D
Acq: 12 Oct 2018 18:39

Tgt Ion	Ratio	Lower	Upper
107	100		
144	25.0	20.0	30.0
142	72.0	59.7	89.5





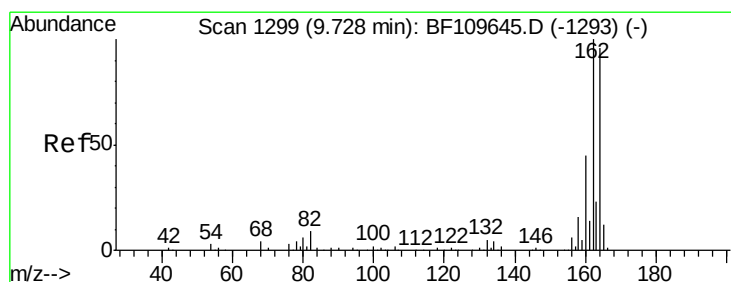
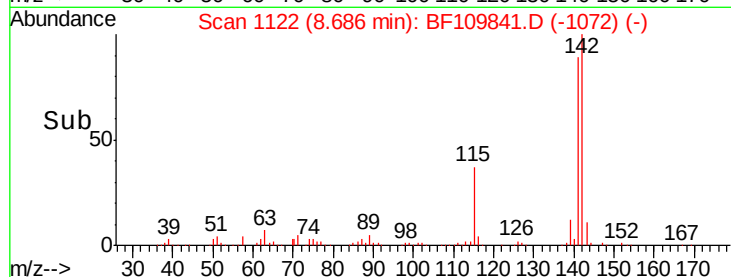
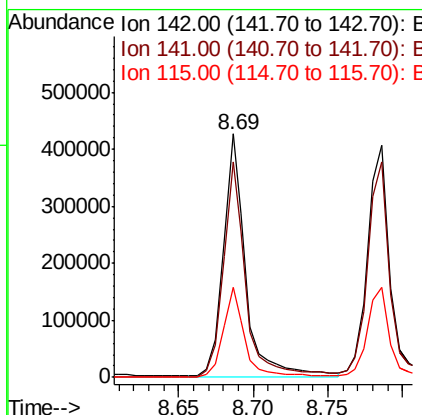
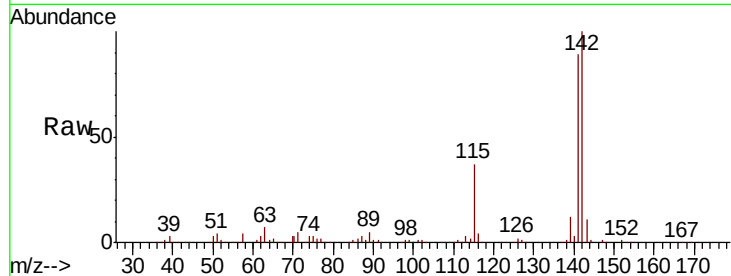
#37
2-Methylnaphthalene
Concen: 37.718 ng
RT: 8.69 min Scan# 1122
Delta R.T. -0.01 min
Lab File: BF109841.D
Acq: 12 Oct 2018 18:39

Instrument :
BNA_F
ClientSampleId :
HD-01-101118MS

Tot Ion	Ratio	Lower	Upper
142	100		
141	88.6	71.4	107.2
115	37.2	28.7	43.1

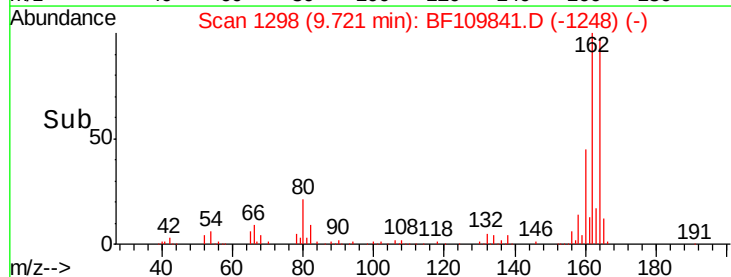
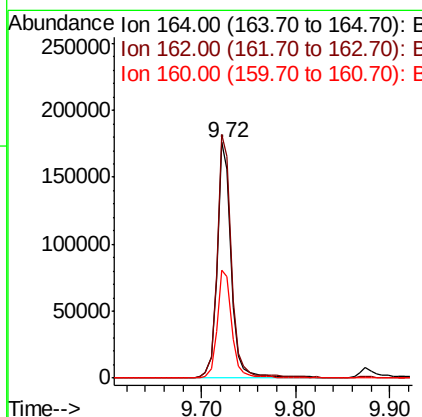
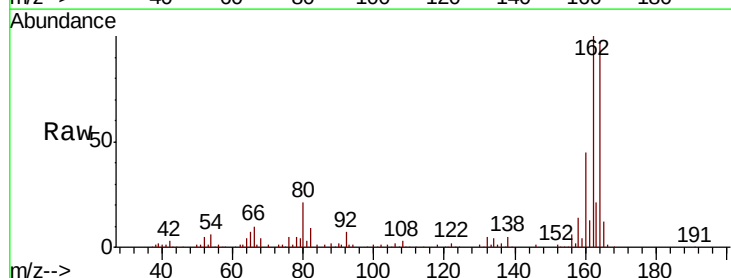
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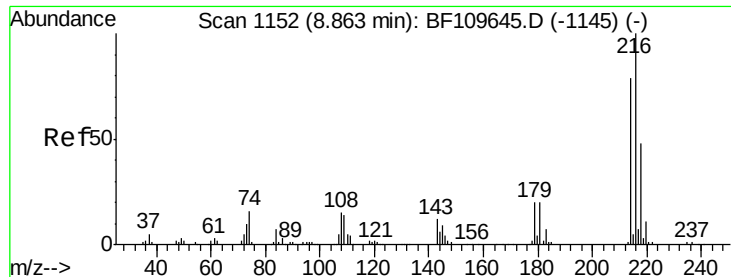
Sohil
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#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.72 min Scan# 1298
Delta R.T. -0.01 min
Lab File: BF109841.D
Acq: 12 Oct 2018 18:39

Tgt Ion	Ratio	Lower	Upper
164	100		
162	103.2	83.0	124.6
160	46.0	37.0	55.6





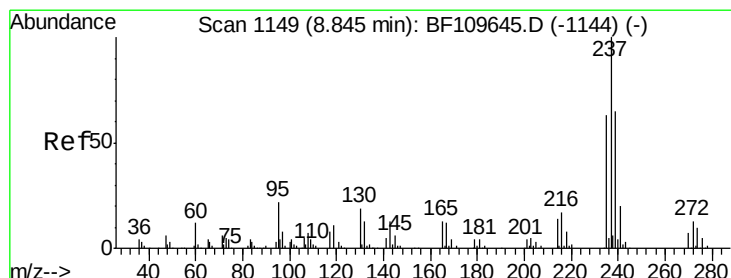
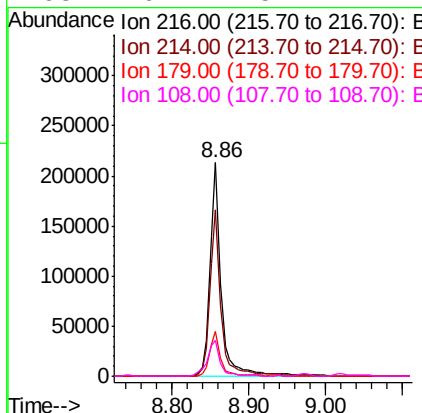
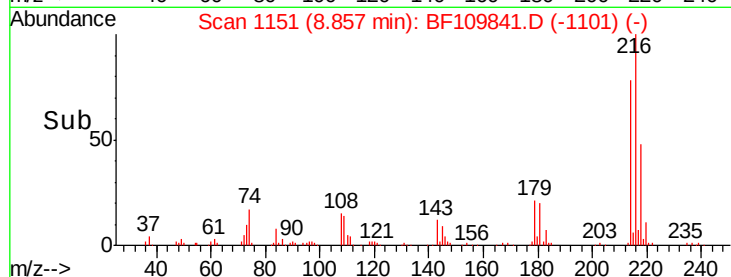
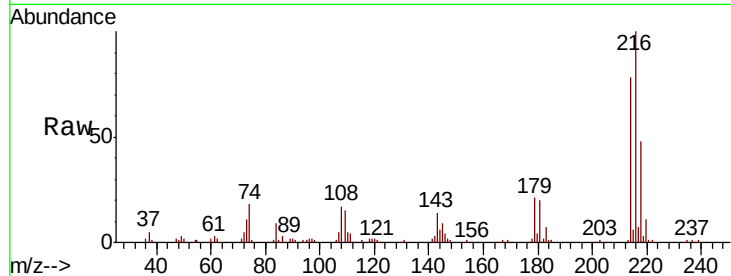
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 33.824 ng
 RT: 8.86 min Scan# 1151
 Delta R.T. -0.01 min
 Lab File: BF109841.D
 Acq: 12 Oct 2018 18:39

Instrument :
 BNA_F
 ClientSampleId :
 HD-01-101118MS

Tot Ion	Ratio	Resp	Lower	Upper
216	100	213906		
214	78.6	63.8	95.6	
179	20.8	16.6	25.0	
108	20.2	15.1	22.7	

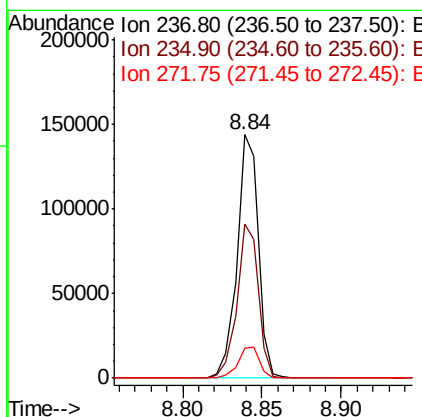
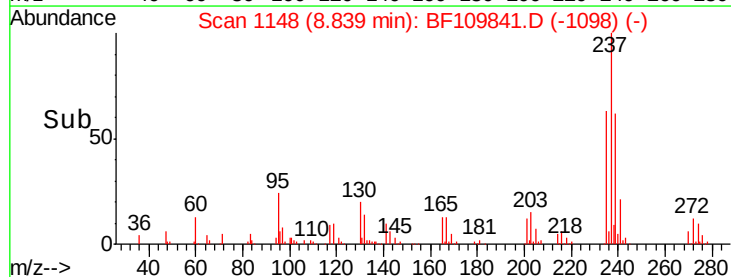
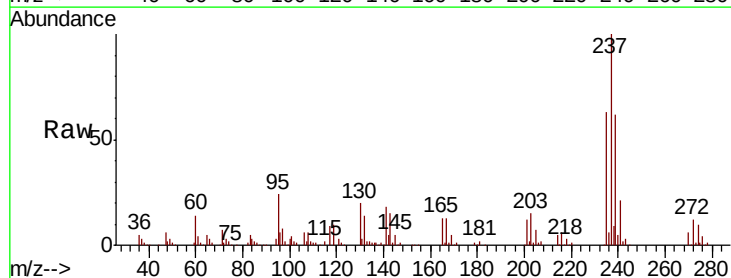
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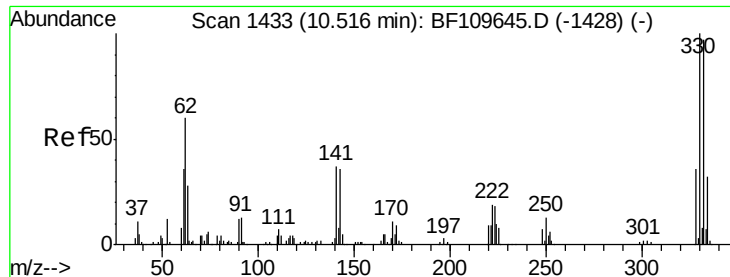
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#40
 Hexachlorocyclopentadiene
 Concen: 51.298 ng
 RT: 8.84 min Scan# 1148
 Delta R.T. -0.01 min
 Lab File: BF109841.D
 Acq: 12 Oct 2018 18:39

Tgt Ion	Ratio	Resp	Lower	Upper
237	100	134185		
235	63.4	43.1	83.1	
272	12.4	0.0	32.6	





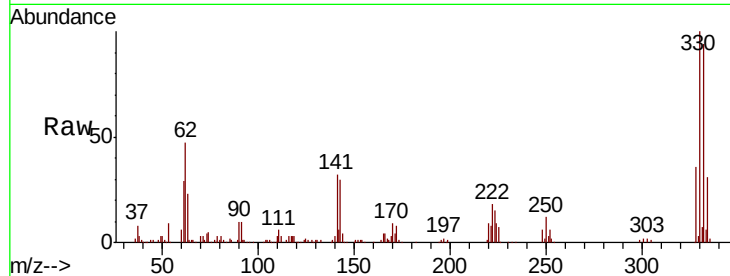
#41
 2,4,6-Tribromophenol
 Concen: 116.761 ng
 RT: 10.52 min Scan# 1433
 Delta R.T. -0.00 min
 Lab File: BF109841.D
 Acq: 12 Oct 2018 18:39

Instrument :
 BNA_F
 ClientSampleId :
 HD-01-101118MS

Tot Ion	Ratio	Resp	Lower	Upper
330	100	236357		
332	94.8	77.1	115.7	
141	33.0	27.0	40.4	

Manual Integrations
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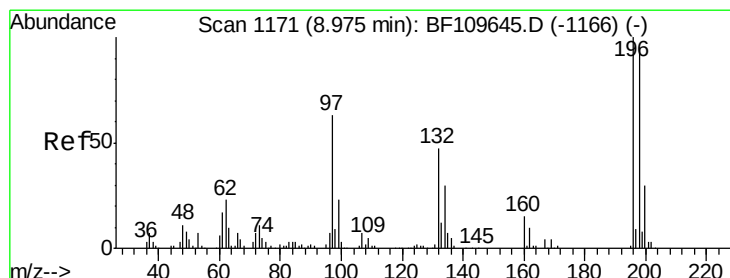
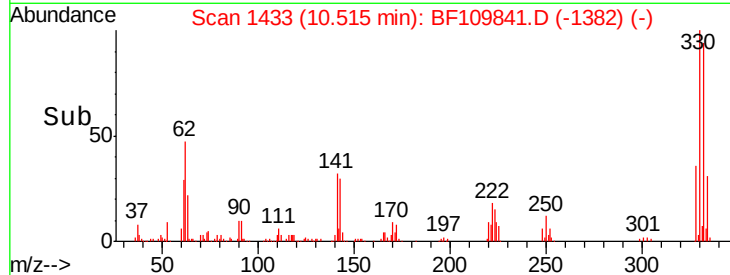
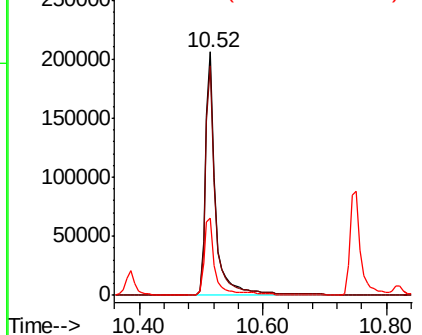


Abundance

Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#42
 2,4,6-Trichlorophenol
 Concen: 34.604 ng
 RT: 8.97 min Scan# 1171
 Delta R.T. -0.00 min
 Lab File: BF109841.D
 Acq: 12 Oct 2018 18:39

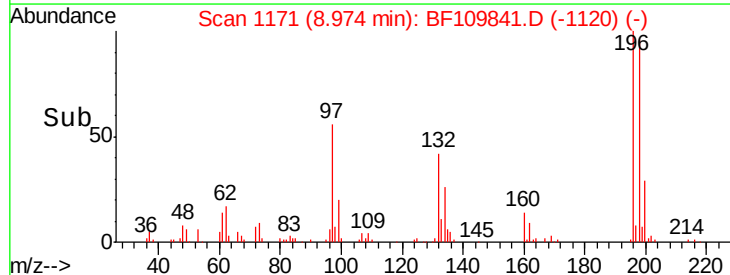
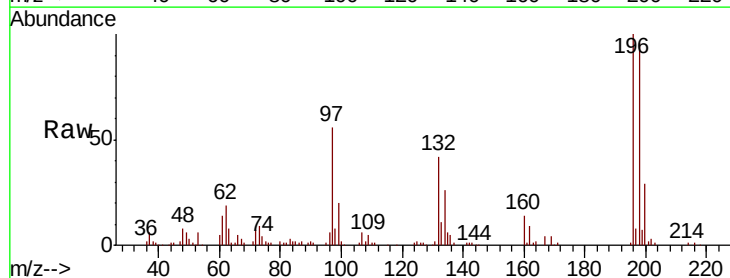
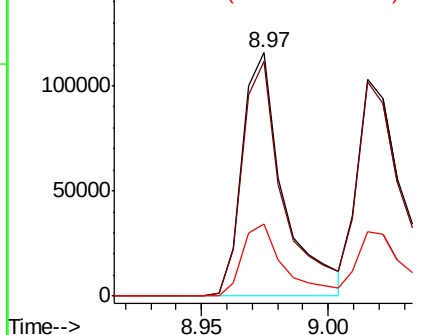
Tgt Ion	Ratio	Resp	Lower	Upper
196	100	130818		
198	96.3	76.2	114.4	
200	29.5	24.4	36.6	

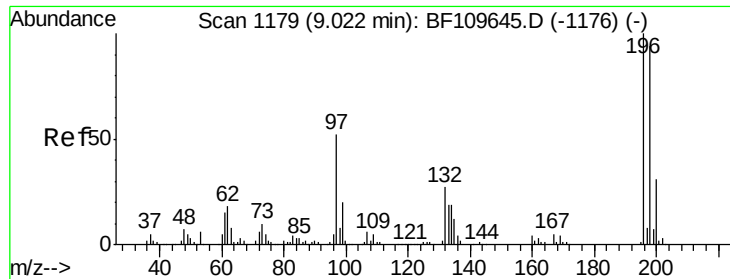
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 200.00 (199.70 to 200.70): E





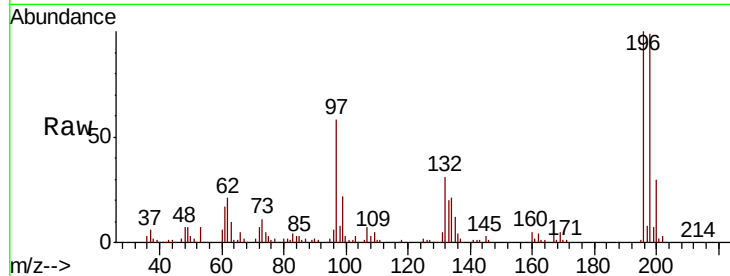
#43
 2,4,5-Trichlorophenol
 Concen: 34.166 ng
 RT: 9.02 min Scan# 1178
 Delta R.T. -0.01 min
 Lab File: BF109841.D
 Acq: 12 Oct 2018 18:39

Instrument :
 BNA_F
 ClientSampleId :
 HD-01-101118MS

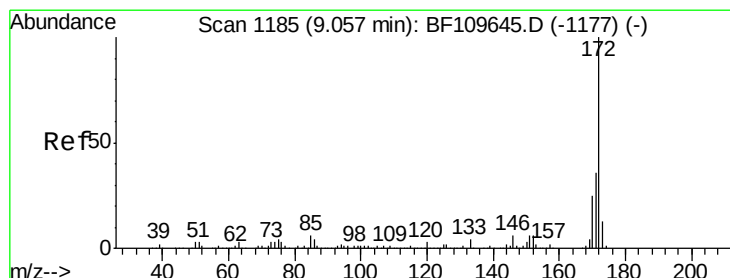
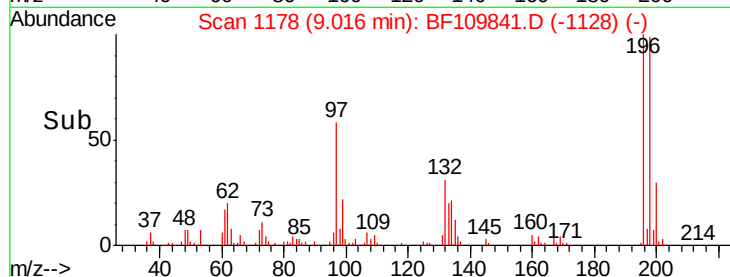
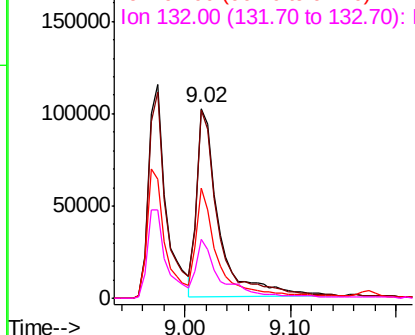
Tot Ion	Ion	Ratio	Resp	Lower	Upper
196	100		148511		
198	98.7	75.8	113.6		
97	57.9	42.4	63.6		
132	30.8	22.8	34.2		

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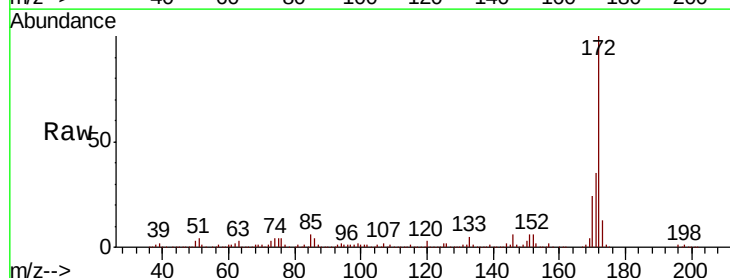


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF1
 Ion 132.00 (131.70 to 132.70): E

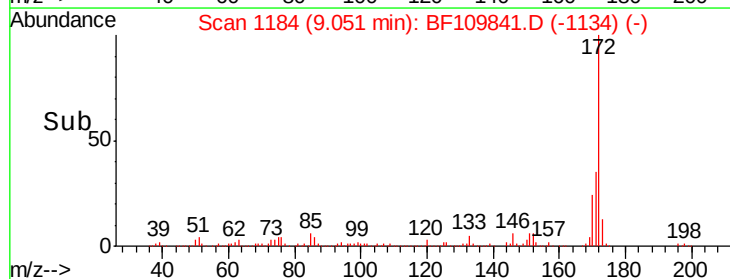
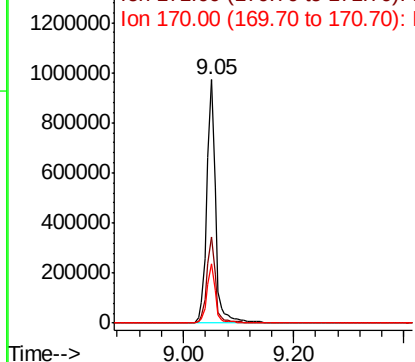


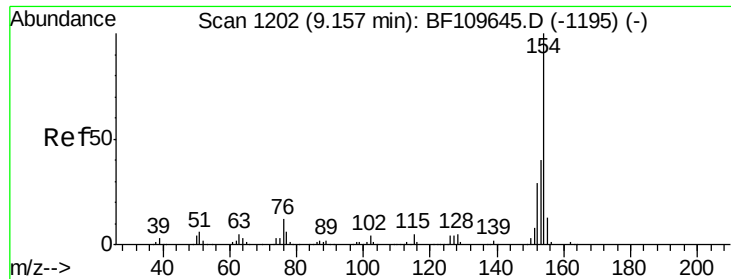
#44
 2-Fluorobiphenyl
 Concen: 77.154 ng
 RT: 9.05 min Scan# 1184
 Delta R.T. -0.01 min
 Lab File: BF109841.D
 Acq: 12 Oct 2018 18:39

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
172	100		1040755		
171	35.4	28.6	43.0		
170	24.2	19.7	29.5		



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





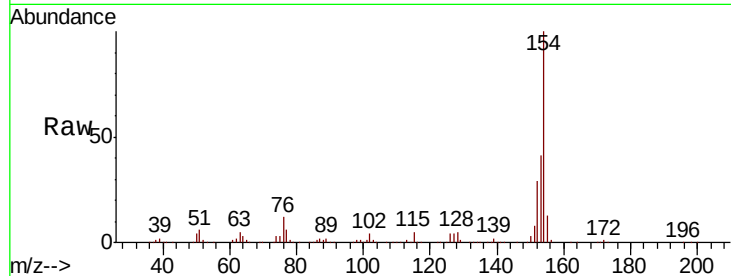
#45
 1,1'-Biphenyl
 Concen: 33.186 ng
 RT: 9.15 min Scan# 1201
 Delta R.T. -0.01 min
 Lab File: BF109841.D
 Acq: 12 Oct 2018 18:39

Instrument :
 BNA_F
 ClientSampleId :
 HD-01-101118MS

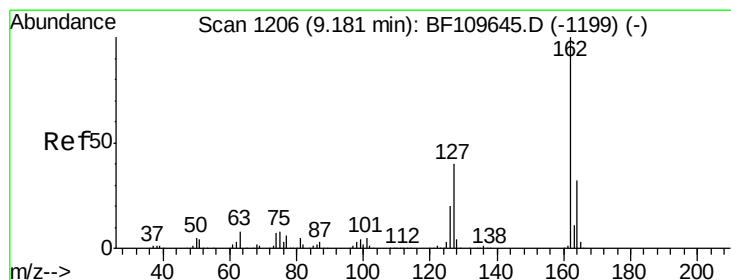
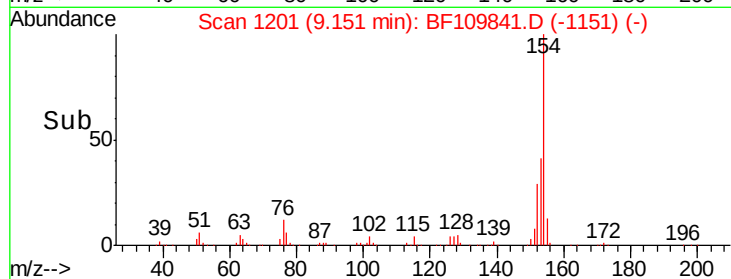
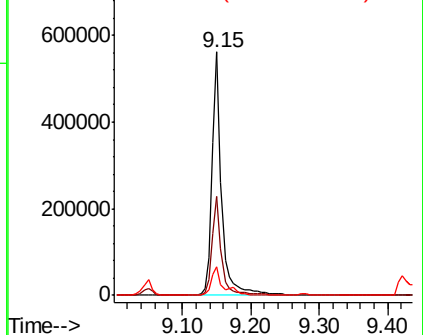
Tot Ion	Ratio	Lower	Upper
154	100		
153	40.6	20.4	60.4
76	11.7	0.0	31.9

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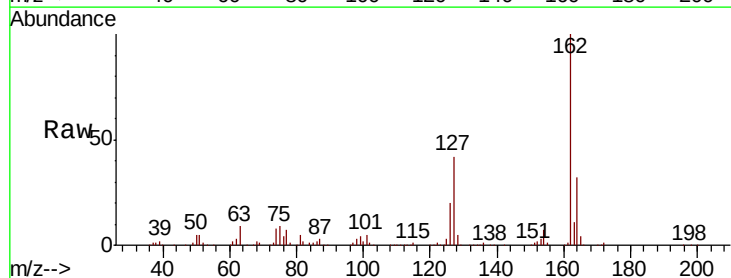


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF1

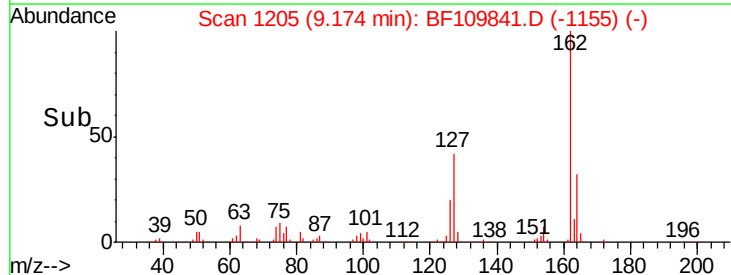
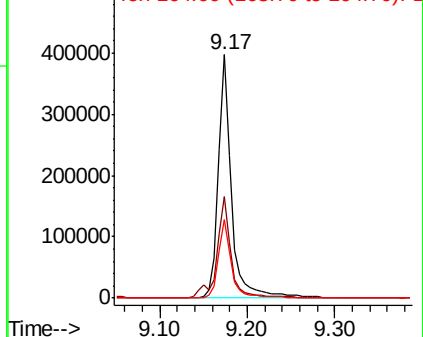


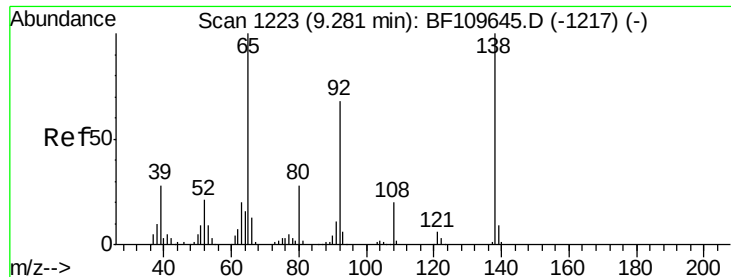
#46
 2-Chloronaphthalene
 Concen: 33.926 ng
 RT: 9.17 min Scan# 1205
 Delta R.T. -0.01 min
 Lab File: BF109841.D
 Acq: 12 Oct 2018 18:39

Tgt Ion	Ratio	Lower	Upper
162	100		
127	41.7	32.6	48.8
164	32.1	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: 36.634 ng

RT: 9.27 min Scan# 1222

Delta R.T. -0.01 min

Lab File: BF109841.D

Acq: 12 Oct 2018 18:39

Instrument :

BNA_F

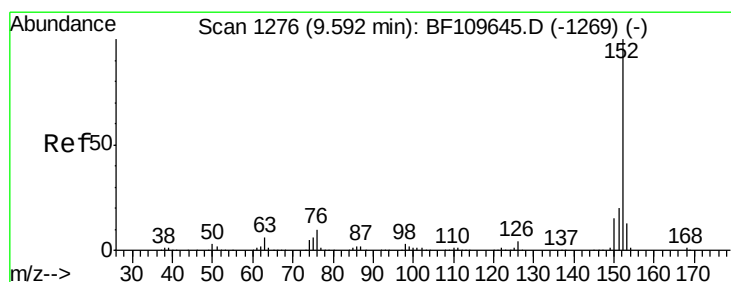
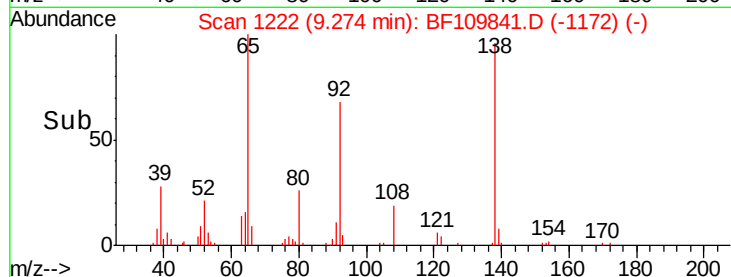
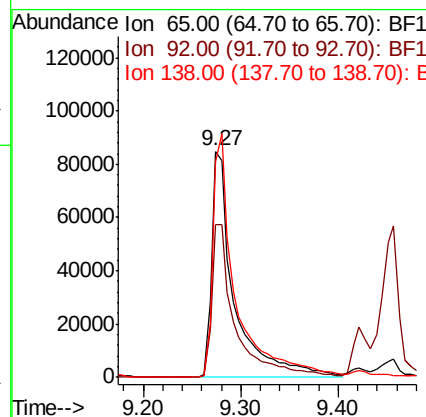
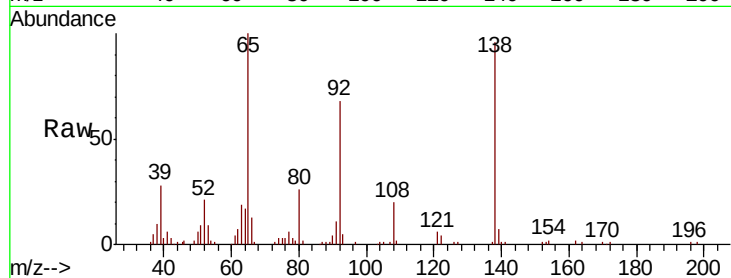
ClientSampleId :

HD-01-101118MS

Tot Ion:	65	Resp:	137926
Ion Ratio	Lower	Upper	
65	100		
92	67.7	54.6	81.8
138	95.6	80.3	120.5

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#48

Acenaphthylene

Concen: 36.385 ng

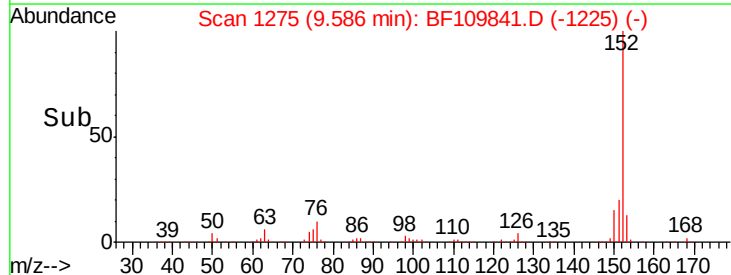
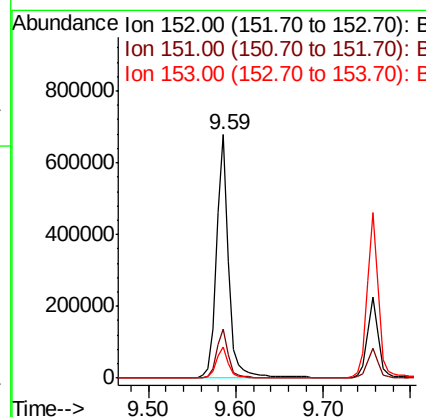
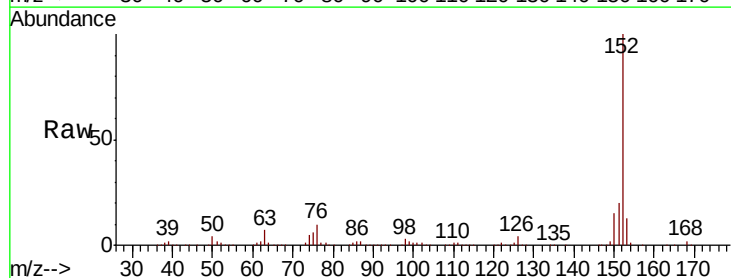
RT: 9.59 min Scan# 1275

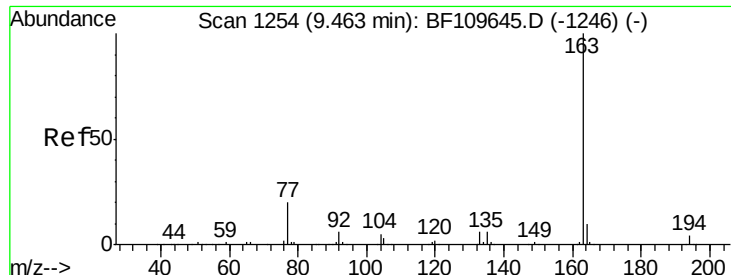
Delta R.T. -0.01 min

Lab File: BF109841.D

Acq: 12 Oct 2018 18:39

Tgt Ion:	152	Resp:	659570
Ion Ratio	Lower	Upper	
152	100		
151	20.1	15.8	23.8
153	12.9	10.4	15.6





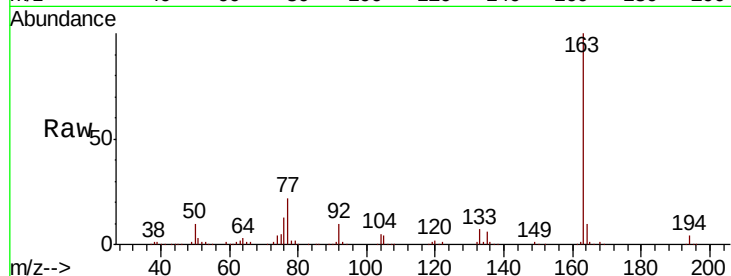
#49
Dimethylphthalate
Concen: 45.690 ng
RT: 9.46 min Scan# 1253
Delta R.T. -0.01 min
Lab File: BF109841.D
Acq: 12 Oct 2018 18:39

Instrument :
BNA_F
ClientSampleId :
HD-01-101118MS

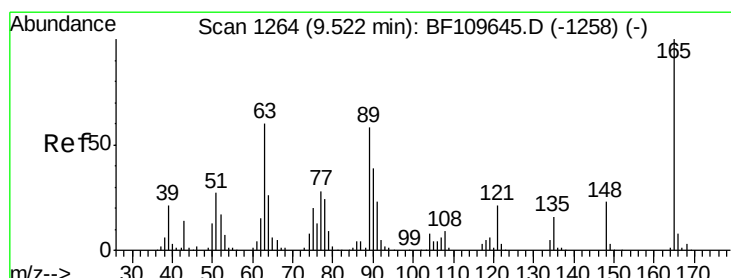
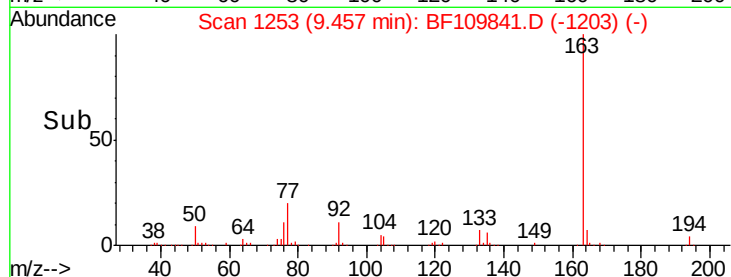
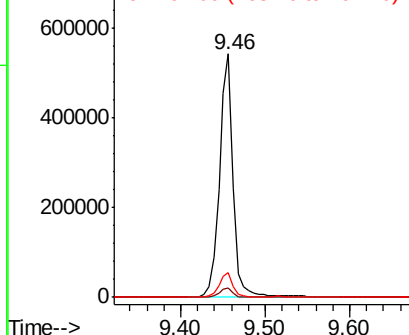
Tot Ion	Ratio	Resp Lower	Upper
163	100		
194	3.9	3.2	4.8
164	10.3	8.1	12.1

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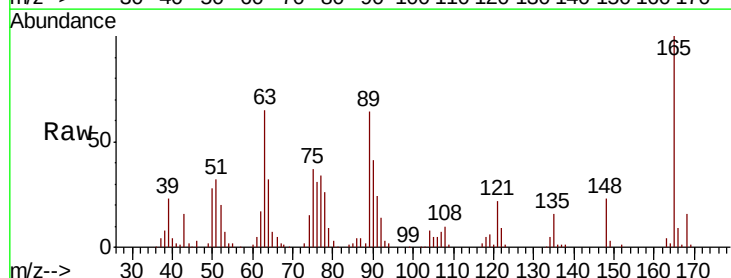


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

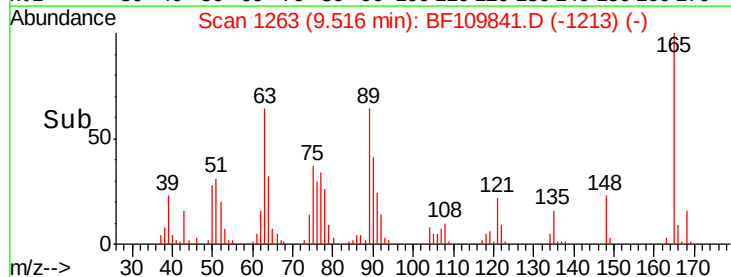
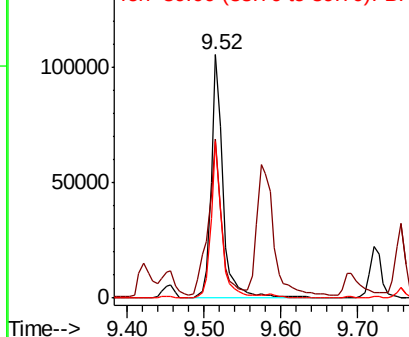


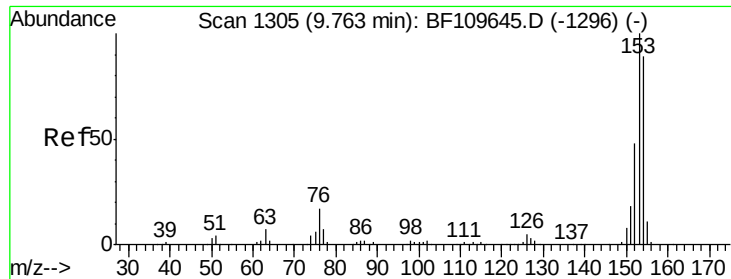
#50
2,6-Dinitrotoluene
Concen: 37.256 ng
RT: 9.52 min Scan# 1263
Delta R.T. -0.01 min
Lab File: BF109841.D
Acq: 12 Oct 2018 18:39

Tgt Ion	Ratio	Resp Lower	Upper
165	100		
63	65.3	48.9	73.3
89	64.1	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: 34.250 ng

RT: 9.76 min Scan# 1304

Delta R.T. -0.01 min

Lab File: BF109841.D

Acq: 12 Oct 2018 18:39

Instrument :

BNA_F

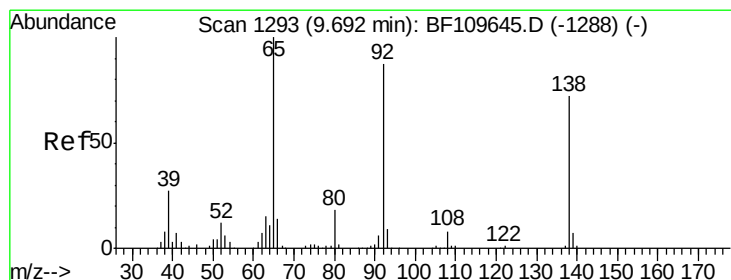
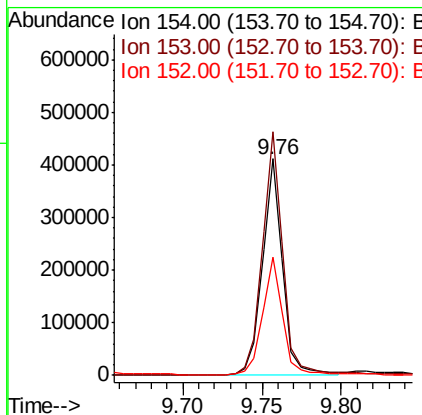
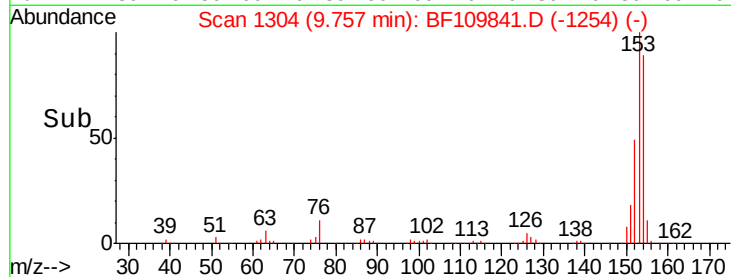
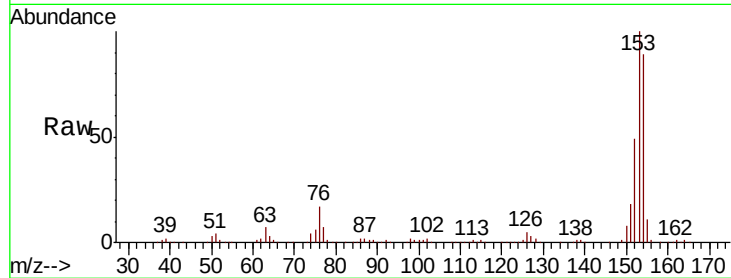
ClientSampleId :

HD-01-101118MS

Tot Ion:	154	Resp:	368047
Ion Ratio	Lower	Upper	
154	100		
153	112.4	90.1	135.1
152	54.7	43.4	65.2

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#52

3-Nitroaniline

Concen: 26.812 ng

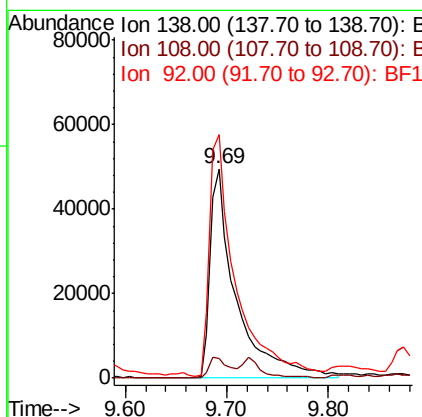
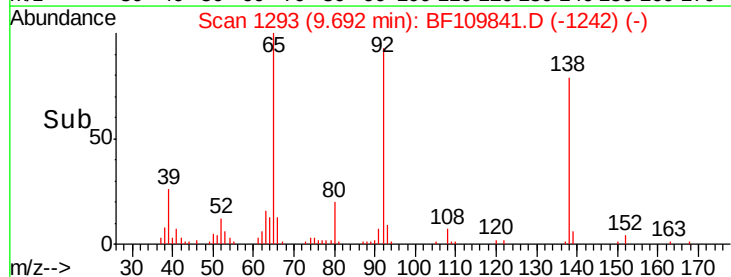
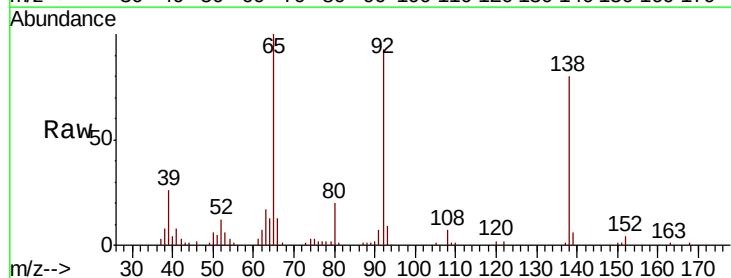
RT: 9.69 min Scan# 1293

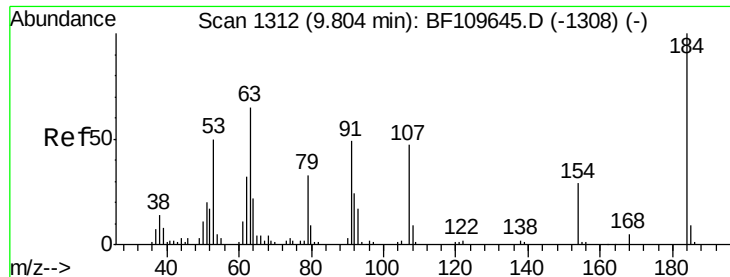
Delta R.T. -0.00 min

Lab File: BF109841.D

Acq: 12 Oct 2018 18:39

Tgt Ion:	138	Resp:	88769
Ion Ratio	Lower	Upper	
138	100		
108	9.1	8.7	13.1
92	116.4	97.0	145.4





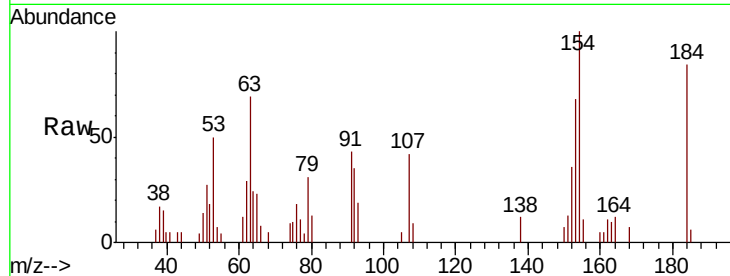
#53
2,4-Dinitrophenol
Concen: 16.961 ng
RT: 9.81 min Scan# 1313
Delta R.T. 0.01 min
Lab File: BF109841.D
Acq: 12 Oct 2018 18:39

Instrument :
BNA_F
ClientSampleId :
HD-01-101118MS

Tot Ion	Ratio	Resp	Lower	Upper
184	100			
63	81.3	55.8	83.6	
154	118.4	63.2	94.8	

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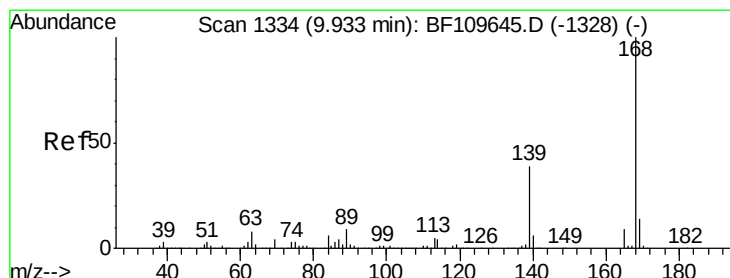
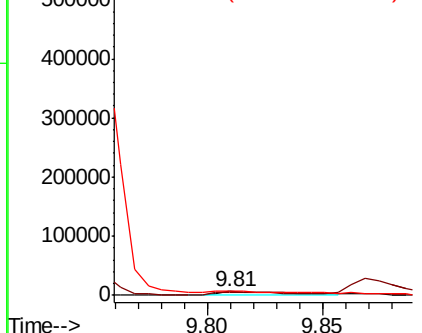
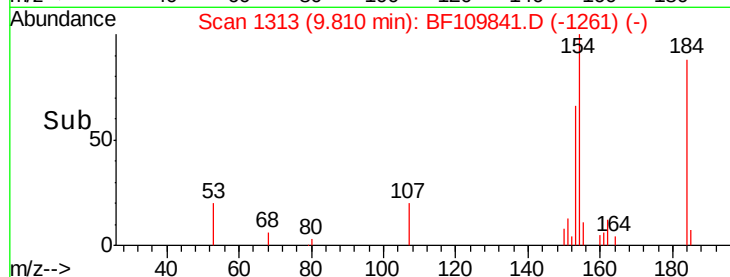


Abundance

Ion 184.00 (183.70 to 184.70): E

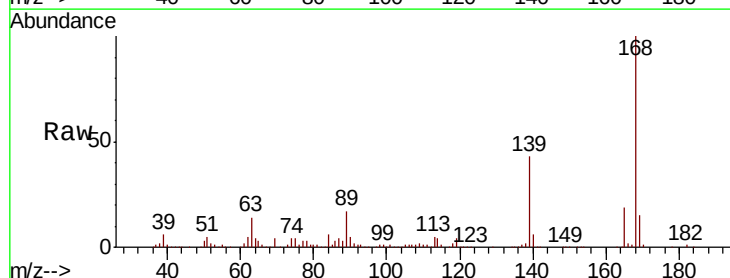
Ion 63.00 (62.70 to 63.70): BF1

Ion 154.00 (153.70 to 154.70): E



#54
Dibenzofuran
Concen: 34.151 ng
RT: 9.93 min Scan# 1333
Delta R.T. -0.01 min
Lab File: BF109841.D
Acq: 12 Oct 2018 18:39

Tgt Ion	Ratio	Resp	Lower	Upper
168	100			
139	42.9	33.0	49.6	
169	14.6	11.3	16.9	

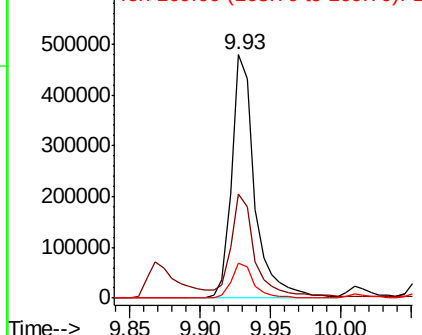
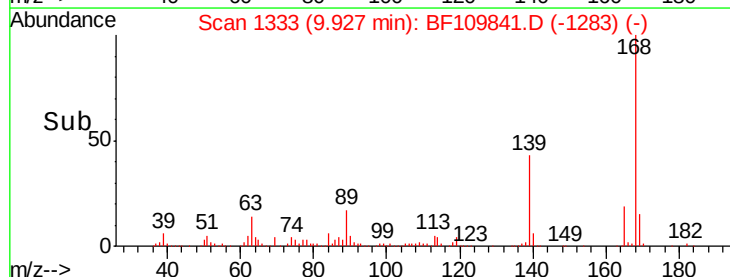


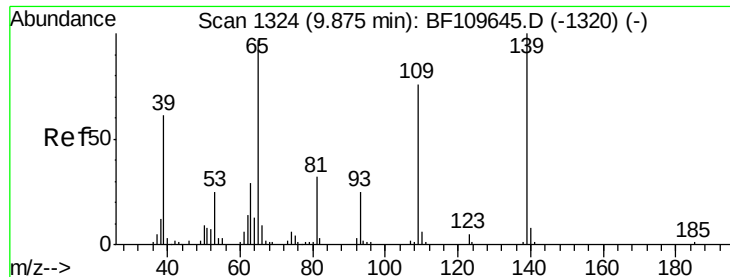
Abundance

Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E





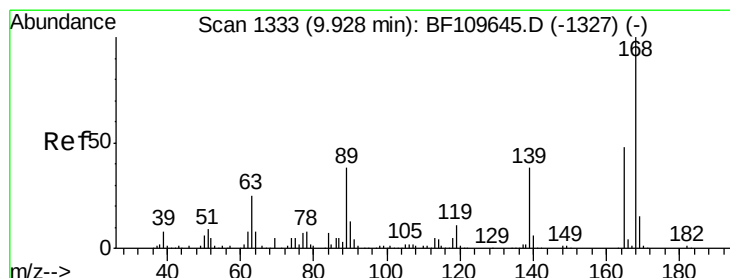
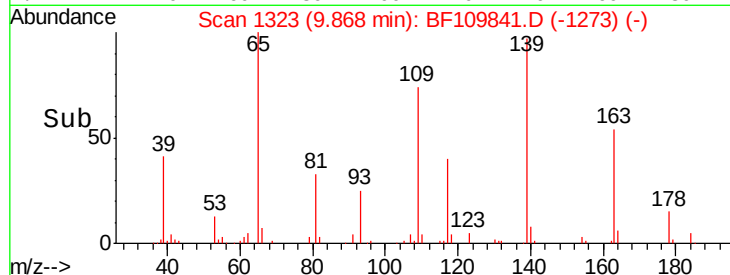
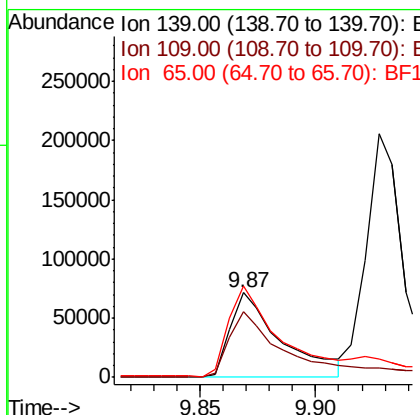
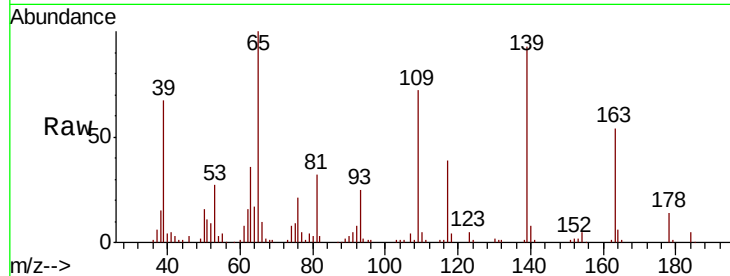
#55
4-Nitrophenol
Concen: 60.889 ng
RT: 9.87 min Scan# 1323
Delta R.T. -0.01 min
Lab File: BF109841.D
Acq: 12 Oct 2018 18:39

Instrument :
BNA_F
ClientSampleId :
HD-01-101118MS

Tot Ion	Ratio	Resp	Lower	Upper
139	100			
109	77.6	55.8	95.8	
65	107.9	77.9	117.9	

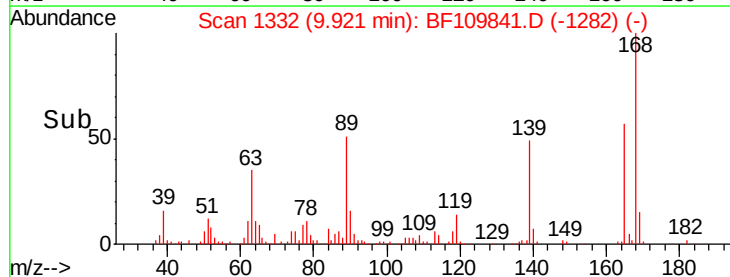
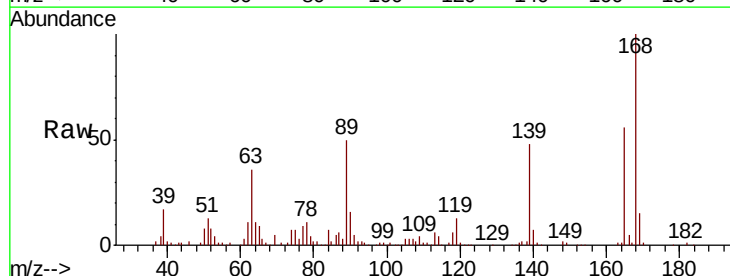
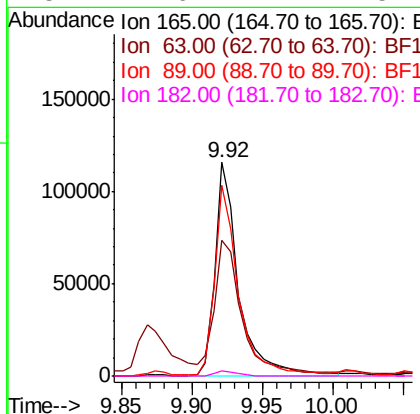
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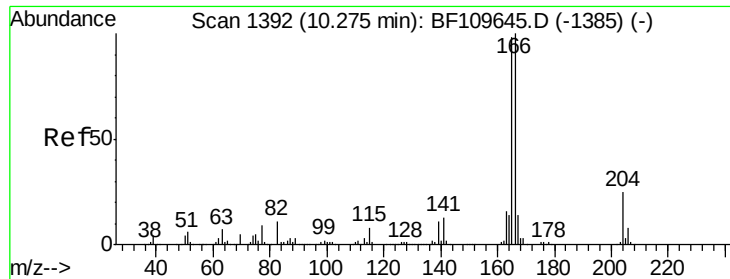
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#56
2,4-Dinitrotoluene
Concen: 36.486 ng
RT: 9.92 min Scan# 1332
Delta R.T. -0.01 min
Lab File: BF109841.D
Acq: 12 Oct 2018 18:39

Tgt Ion	Ratio	Resp	Lower	Upper
165	100			
63	63.4	44.8	67.2	
89	89.1	62.2	93.4	
182	2.6	2.1	3.1	





#57

Fluorene

Concen: 36.477 ng

RT: 10.27 min Scan# 1391

Delta R.T. -0.01 min

Lab File: BF109841.D

Acq: 12 Oct 2018 18:39

Instrument :

BNA_F

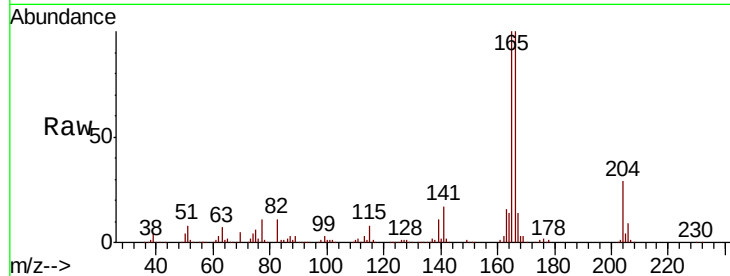
ClientSampleId :

HD-01-101118MS

Tot Ion:	166	Resp:	438783
Ion Ratio	Lower	Upper	
166	100		
165	99.7	78.6	117.8
167	13.6	10.8	16.2

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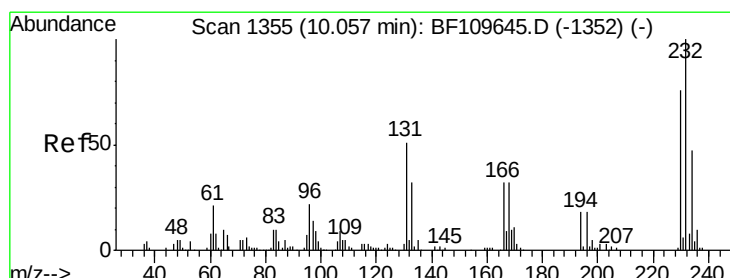
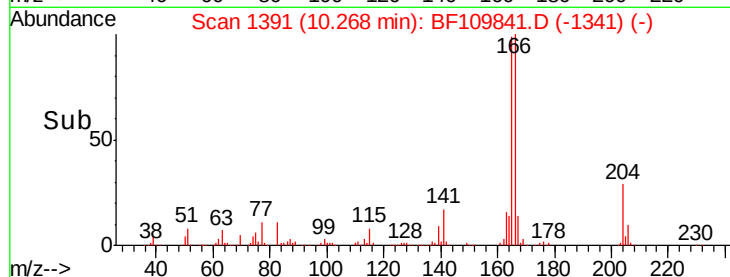
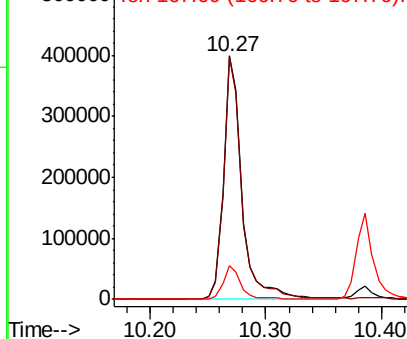


Abundance

Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 37.587 ng

RT: 10.06 min Scan# 1355

Delta R.T. -0.00 min

Lab File: BF109841.D

Acq: 12 Oct 2018 18:39

Tgt Ion:	232	Resp:	132811
Ion Ratio	Lower	Upper	
232	100		
131	44.4	37.0	55.4
130	2.1	1.8	2.6
166	25.6	22.0	33.0

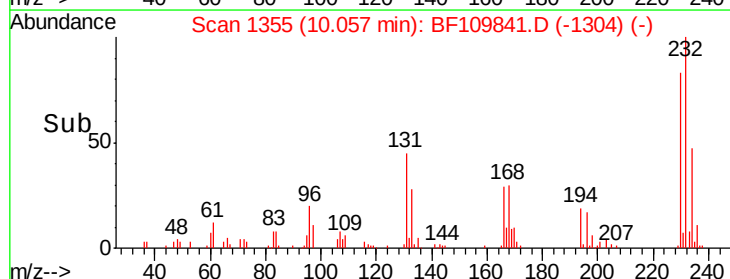
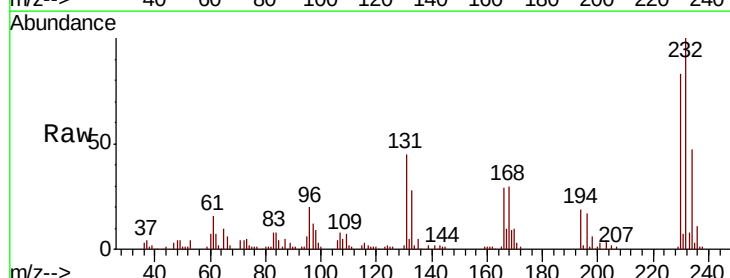
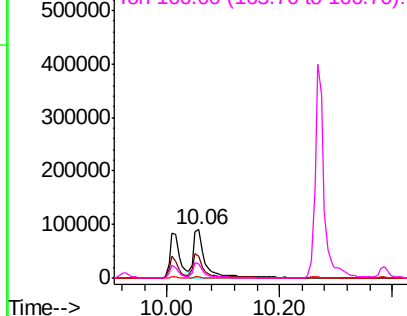
Abundance

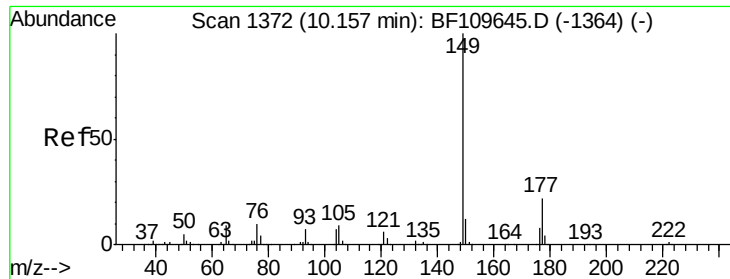
Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E





#59

Diethylphthalate

Concen: 35.790 ng

RT: 10.15 min Scan# 1371

Delta R.T. -0.01 min

Lab File: BF109841.D

Acq: 12 Oct 2018 18:39

Instrument :

BNA_F

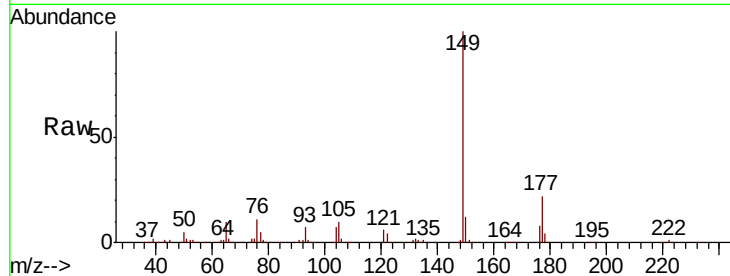
ClientSampleId :

HD-01-101118MS

Tot Ion:	149	Resp:	483174
Ion Ratio		Lower	Upper
149	100		
177	21.5	17.4	26.2
150	12.4	9.8	14.8

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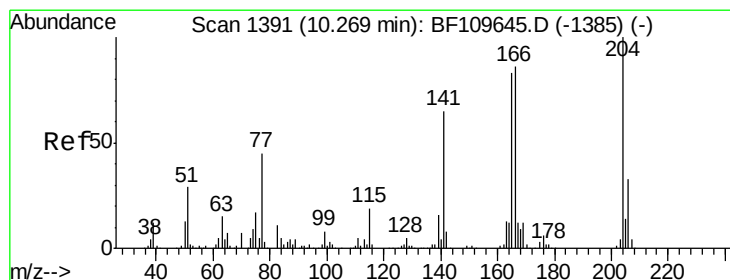
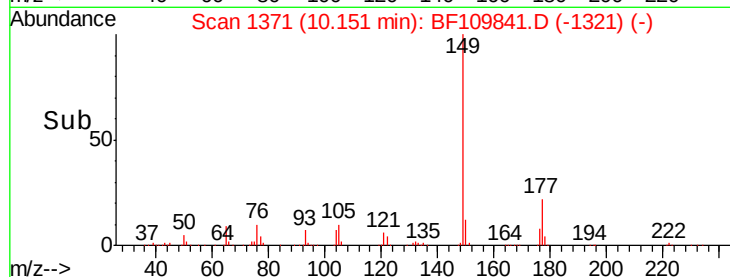
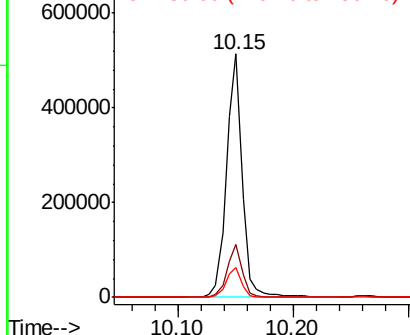


Abundance

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: 33.090 ng

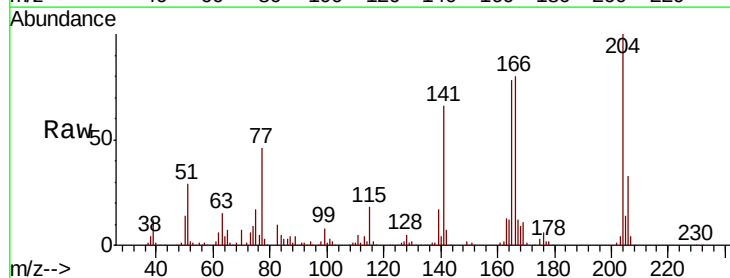
RT: 10.26 min Scan# 1390

Delta R.T. -0.01 min

Lab File: BF109841.D

Acq: 12 Oct 2018 18:39

Tgt Ion:	204	Resp:	209989
Ion Ratio		Lower	Upper
204	100		
206	32.6	26.5	39.7
141	65.6	51.8	77.8

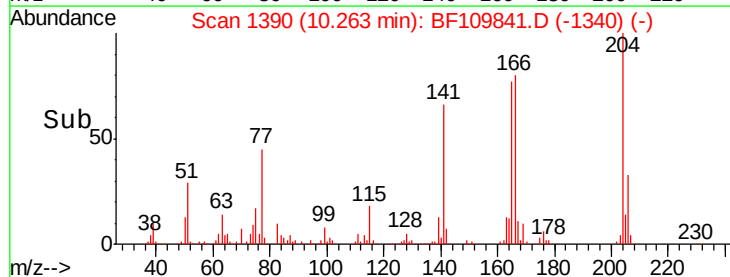
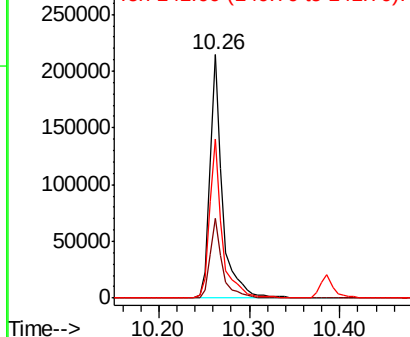


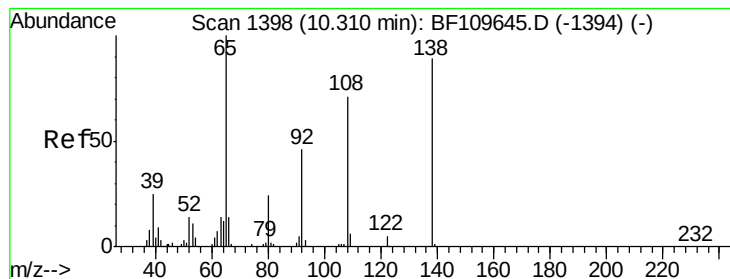
Abundance

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: 34.346 ng

RT: 10.30 min Scan# 1397

Delta R.T. -0.01 min

Lab File: BF109841.D

Acq: 12 Oct 2018 18:39

Instrument :

BNA_F

ClientSampleId :

HD-01-101118MS

Tot Ion:138 Resp: 105308

Ion Ratio Lower Upper

138 100

92 51.6 31.7 71.7

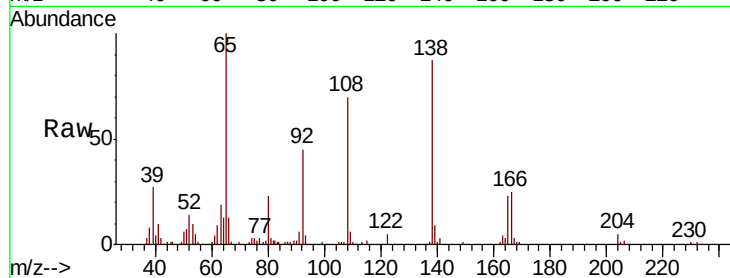
108 80.8 59.3 99.3

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Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BF1

Ion 108.00 (107.70 to 108.70): E

80000

60000

40000

20000

0

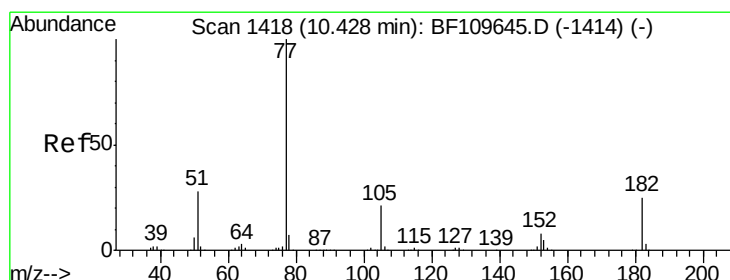
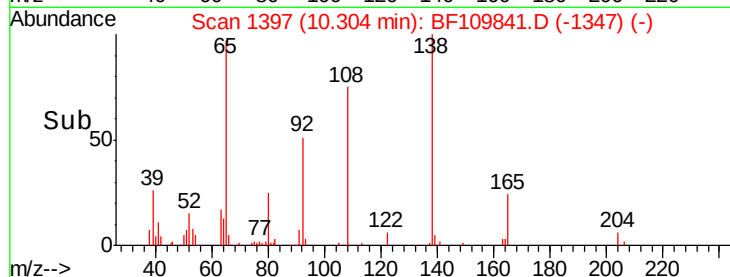
10.20

10.30

10.40

10.50

Time-->



#62

Azobenzene

Concen: 35.066 ng

RT: 10.42 min Scan# 1417

Delta R.T. -0.01 min

Lab File: BF109841.D

Acq: 12 Oct 2018 18:39

Tgt Ion: 77 Resp: 480725

Ion Ratio Lower Upper

77 100

182 23.2 4.3 44.3

105 20.4 1.3 41.3

51 29.4 9.0 49.0

Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF1

600000

400000

200000

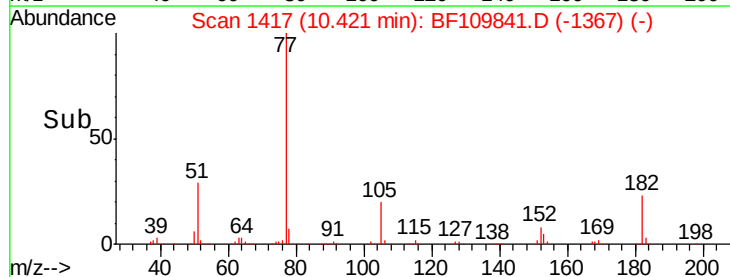
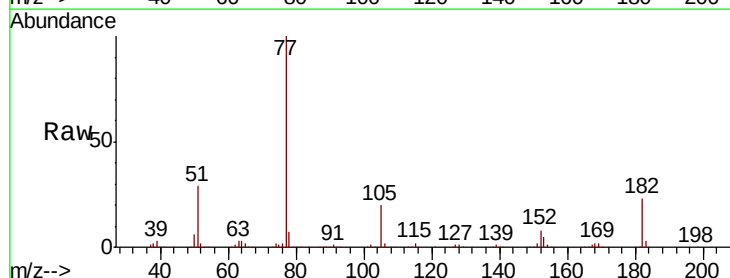
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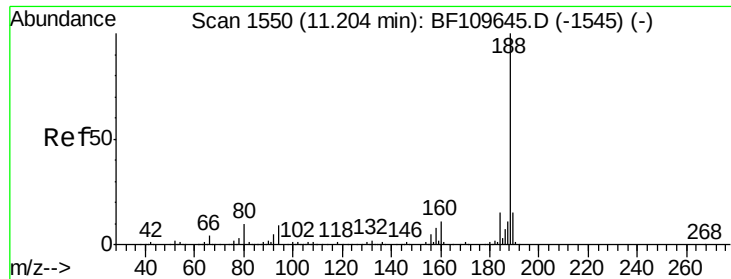
10.40

10.50

10.60

Time-->





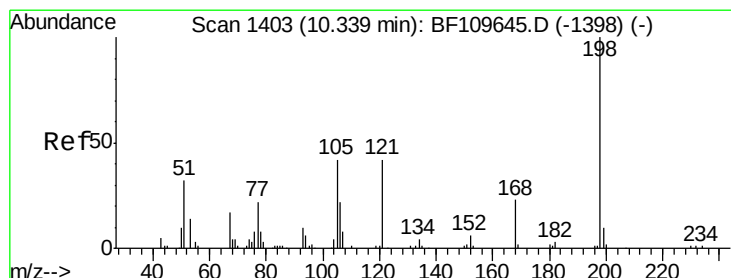
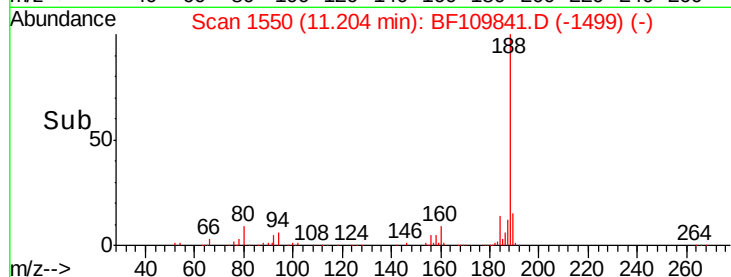
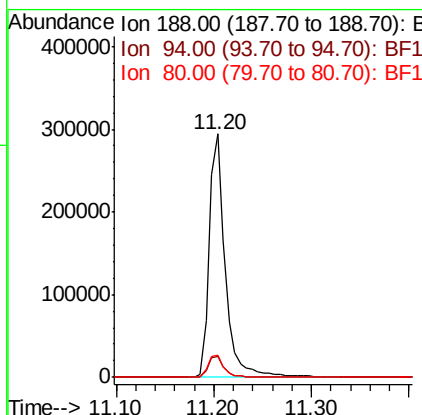
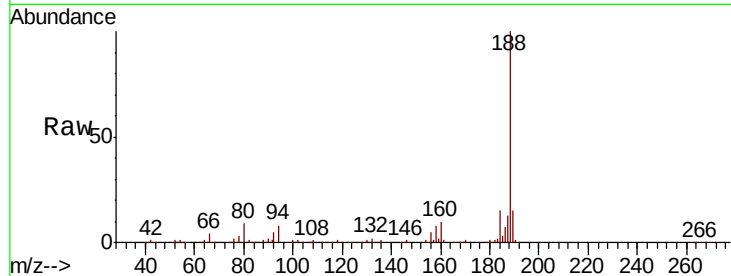
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.20 min Scan# 1550
Delta R.T. -0.00 min
Lab File: BF109841.D
Acq: 12 Oct 2018 18:39

Instrument :
BNA_F
ClientSampleId :
HD-01-101118MS

Tot Ion	Ratio	Resp	Lower	Upper
188	100	334324		
94	8.4	7.2	10.8	
80	9.1	7.9	11.9	

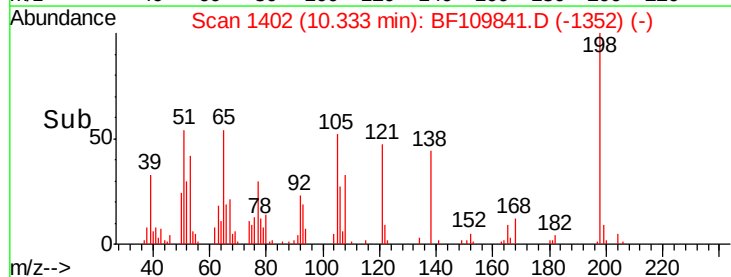
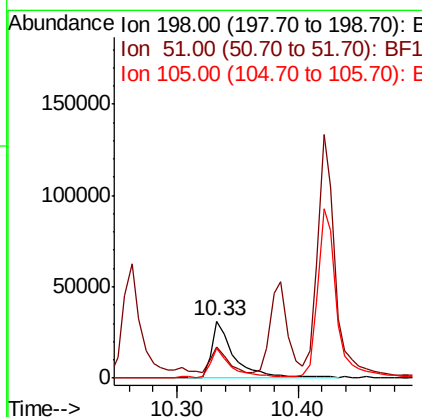
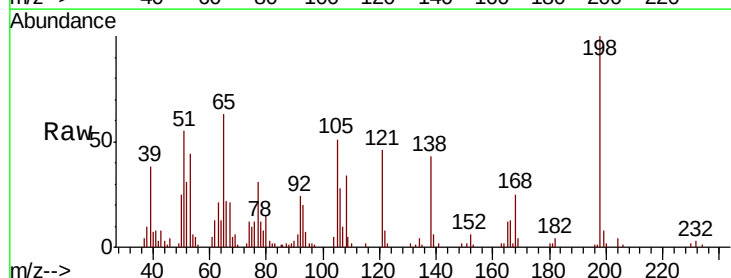
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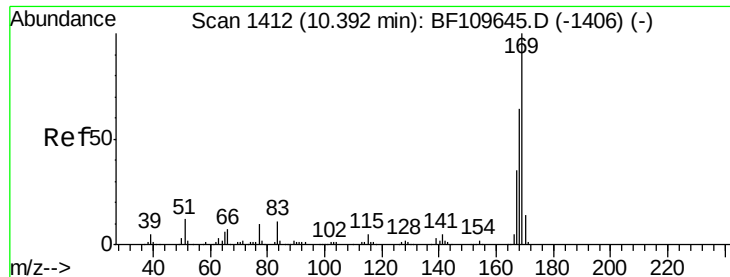
Sohil
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#64
4,6-Dinitro-2-methylphenol
Concen: 24.738 ng
RT: 10.33 min Scan# 1402
Delta R.T. -0.01 min
Lab File: BF109841.D
Acq: 12 Oct 2018 18:39

Tgt Ion	Ratio	Resp	Lower	Upper
198	100	40254		
51	55.0	22.8	62.8	
105	51.3	23.6	63.6	





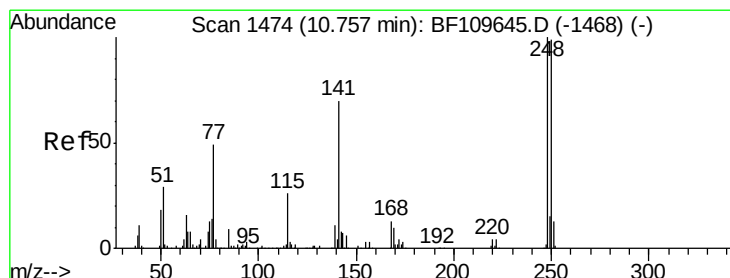
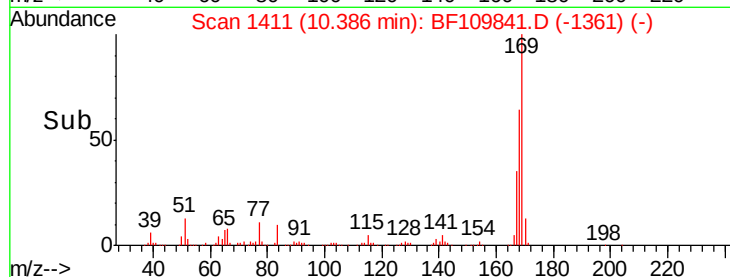
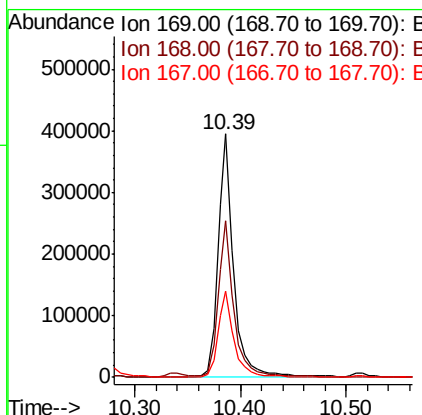
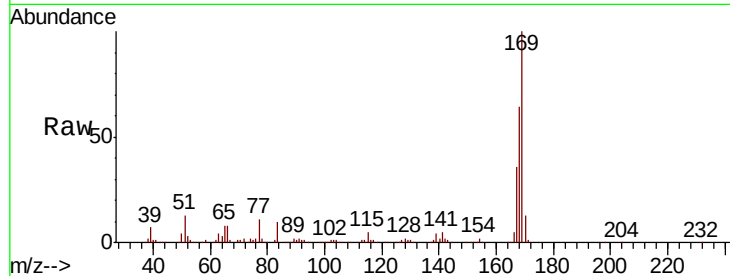
#65
n-Nitrosodiphenylamine
Concen: 36.129 ng
RT: 10.39 min Scan# 1411
Delta R.T. -0.01 min
Lab File: BF109841.D
Acq: 12 Oct 2018 18:39

Instrument :
BNA_F
ClientSampleId :
HD-01-101118MS

Tot Ion	Ratio	Lower	Upper
169	100		
168	64.2	51.2	76.8
167	35.5	27.8	41.6

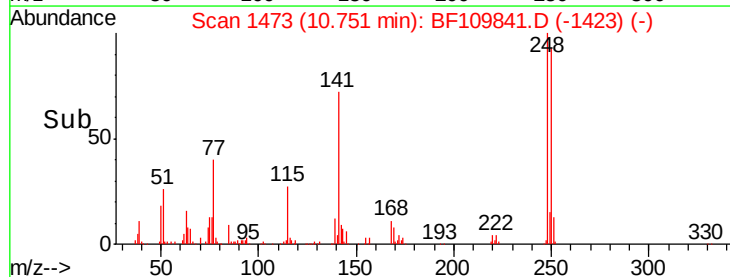
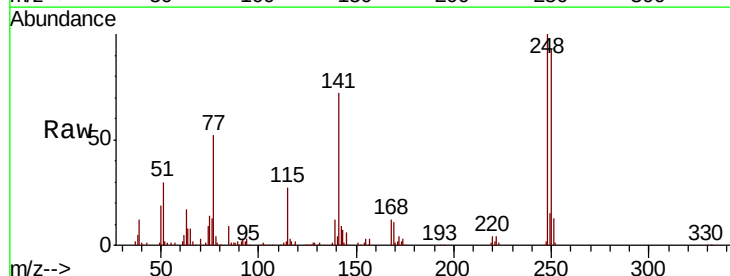
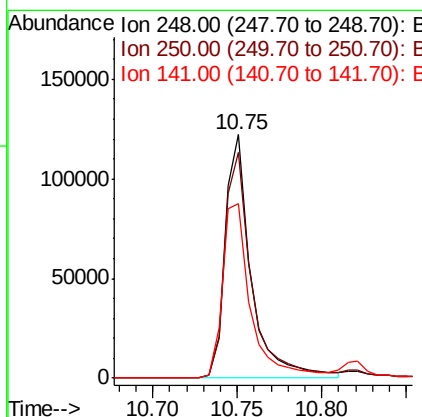
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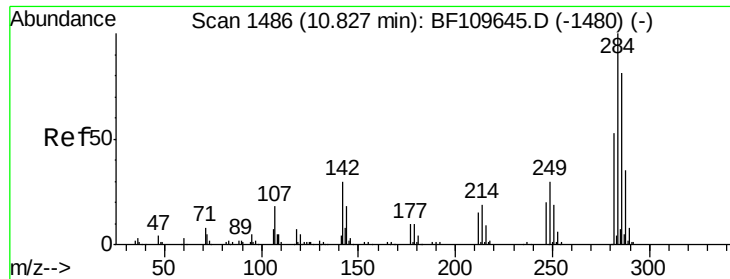
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#66
4-Bromophenyl-phenylether
Concen: 34.291 ng
RT: 10.75 min Scan# 1473
Delta R.T. -0.01 min
Lab File: BF109841.D
Acq: 12 Oct 2018 18:39

Tgt Ion	Ratio	Lower	Upper
248	100		
250	92.9	79.4	119.2
141	71.8	55.9	83.9





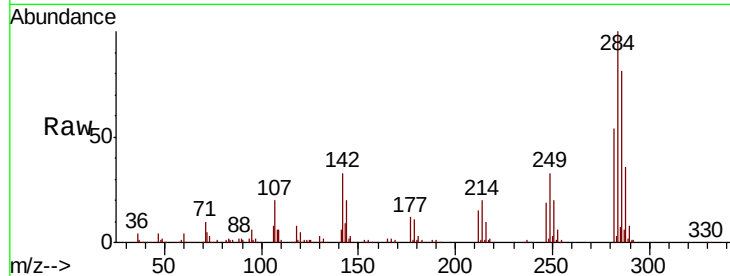
#67
Hexachlorobenzene
Concen: 32.320 ng
RT: 10.82 min Scan# 1485
Delta R.T. -0.01 min
Lab File: BF109841.D
Acq: 12 Oct 2018 18:39

Instrument :
BNA_F
ClientSampleId :
HD-01-101118MS

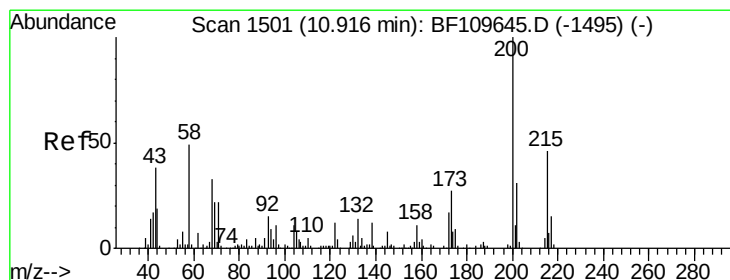
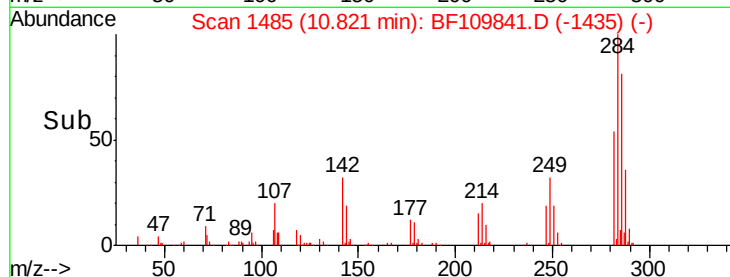
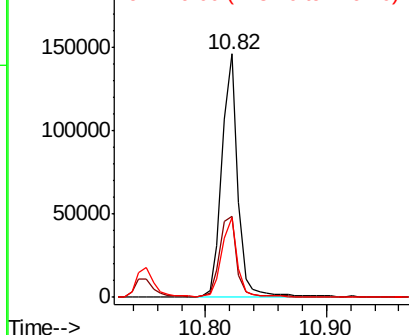
Tot Ion	Ratio	Resp	Lower	Upper
284	100	134441		
142	33.2	23.9	35.9	
249	32.9	24.2	36.2	

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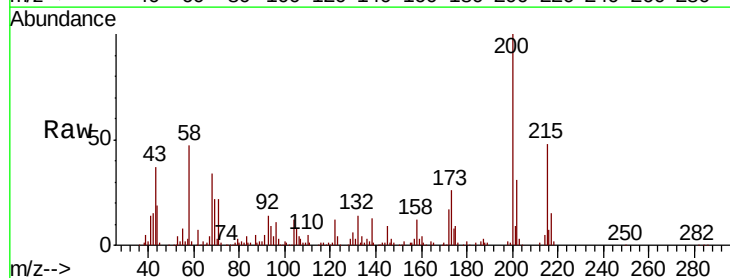


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

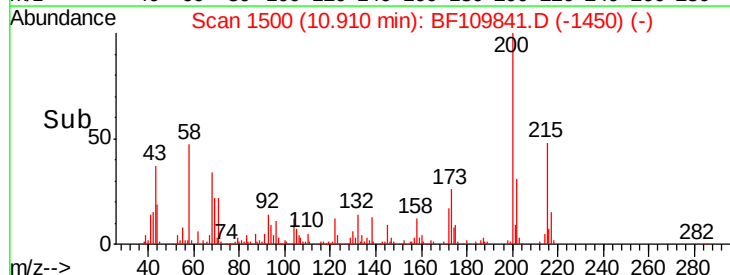
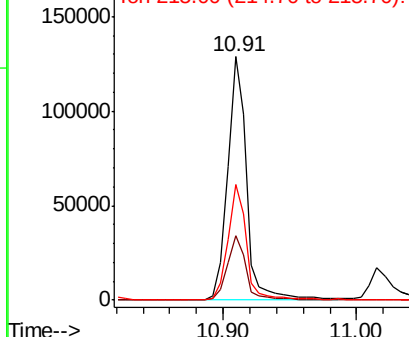


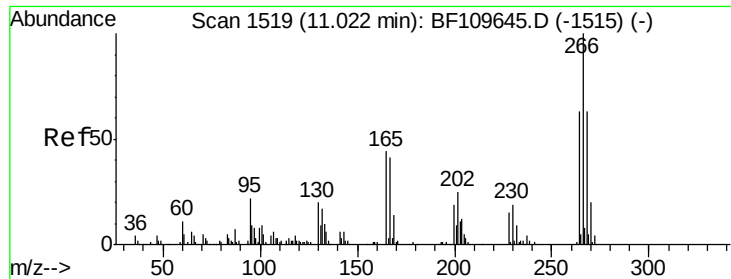
#68
Atrazine
Concen: 36.620 ng
RT: 10.91 min Scan# 1500
Delta R.T. -0.01 min
Lab File: BF109841.D
Acq: 12 Oct 2018 18:39

Tgt Ion	Ratio	Resp	Lower	Upper
200	100	129525		
173	26.4	6.6	46.6	
215	47.7	26.3	66.3	



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





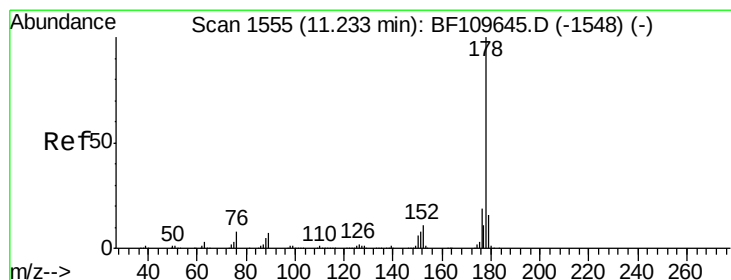
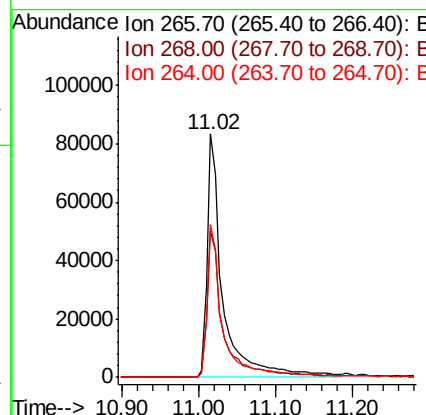
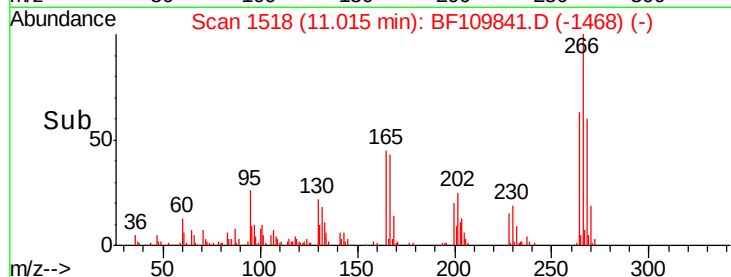
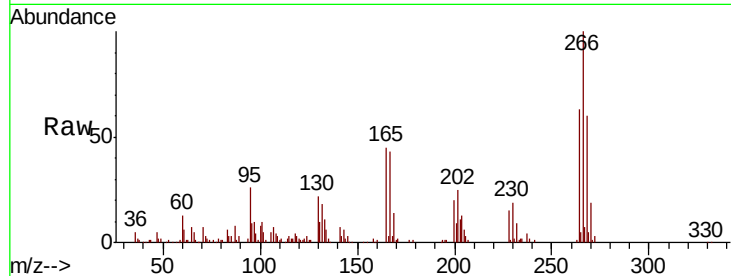
#69
 Pentachlorophenol
 Concen: 51.199 ng
 RT: 11.02 min Scan# 1518
 Delta R.T. -0.01 min
 Lab File: BF109841.D
 Acq: 12 Oct 2018 18:39

Instrument :
 BNA_F
 ClientSampleId :
 HD-01-101118MS

Tot Ion	Ratio	Lower	Upper
266	100		
268	60.2	50.6	75.8
264	62.9	50.6	75.8

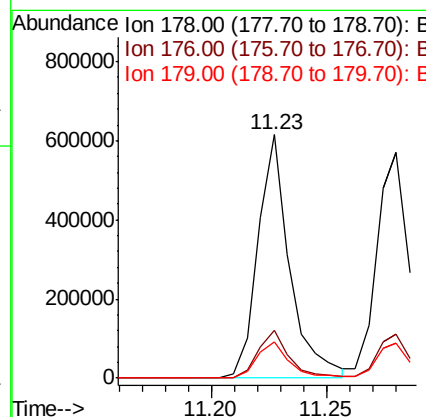
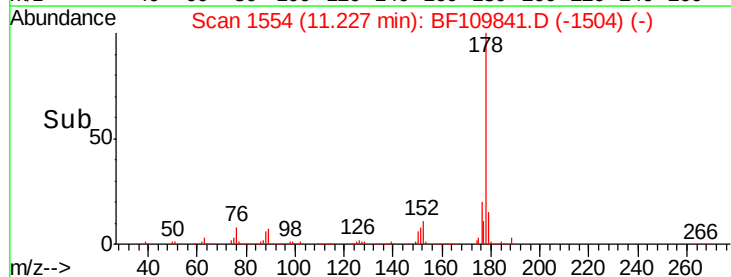
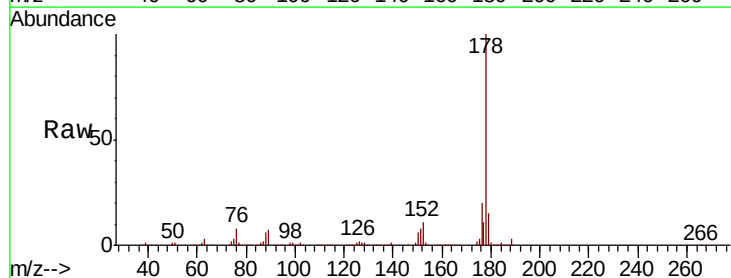
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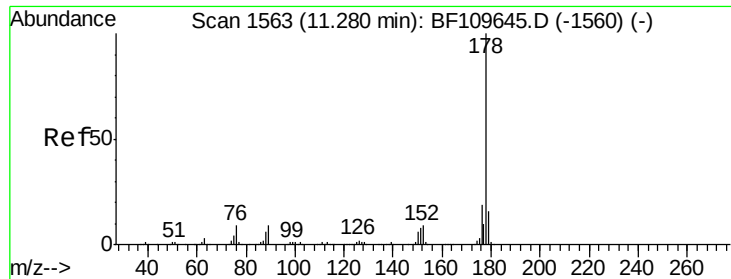
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#70
 Phenanthrene
 Concen: 35.501 ng
 RT: 11.23 min Scan# 1554
 Delta R.T. -0.01 min
 Lab File: BF109841.D
 Acq: 12 Oct 2018 18:39

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.6	15.5	23.3
179	15.1	12.5	18.7





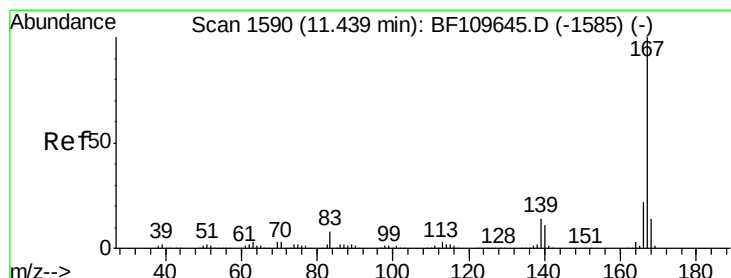
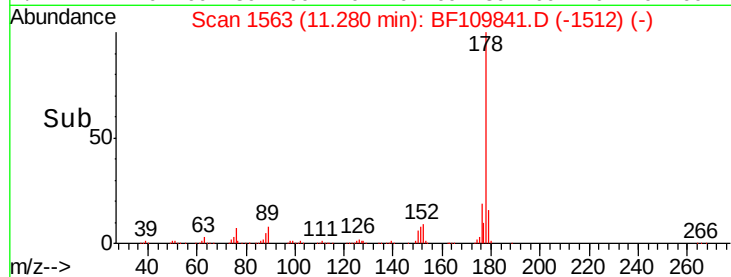
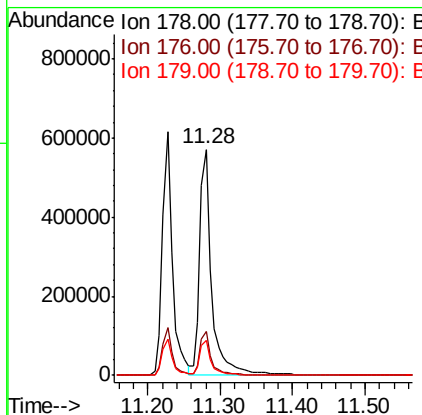
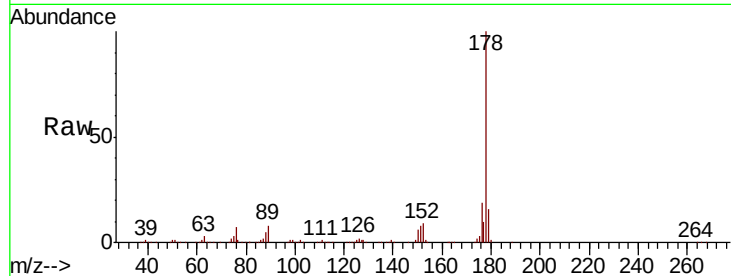
#71
 Anthracene
 Concen: 38.496 ng
 RT: 11.28 min Scan# 1563
 Delta R.T. -0.00 min
 Lab File: BF109841.D
 Acq: 12 Oct 2018 18:39

Instrument :
 BNA_F
 ClientSampleId :
 HD-01-101118MS

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.4	15.4	23.2
179	15.7	12.6	18.8

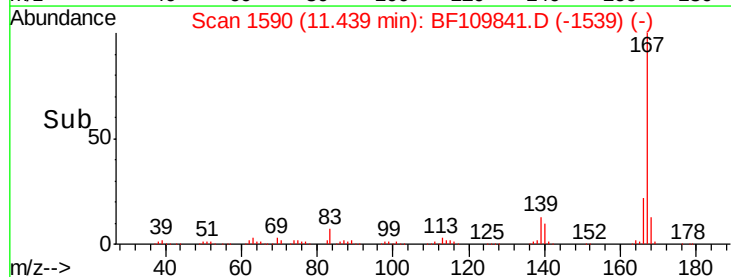
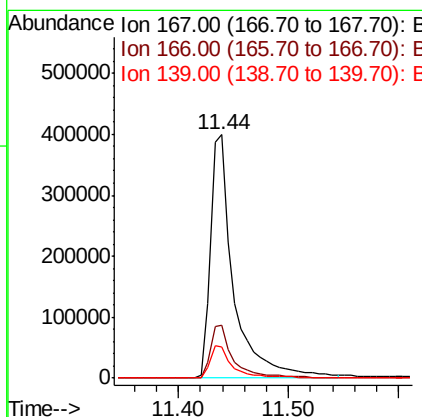
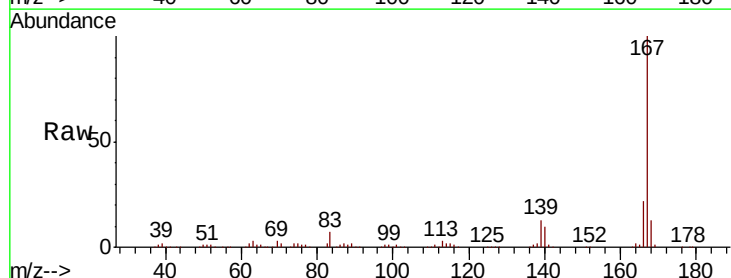
Manual Integrations
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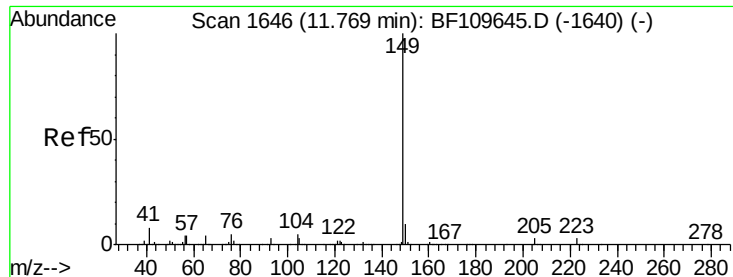
Sohil
 10/15/2018 10:28:27 AM



#72
 Carbazole
 Concen: 34.207 ng
 RT: 11.44 min Scan# 1590
 Delta R.T. -0.00 min
 Lab File: BF109841.D
 Acq: 12 Oct 2018 18:39

Tgt Ion	Ratio	Lower	Upper
167	100		
166	21.7	17.4	26.0
139	13.0	10.9	16.3





#73

Di-n-butylphthalate

Concen: 35.519 ng

RT: 11.76 min Scan# 1645

Delta R.T. -0.01 min

Lab File: BF109841.D

Acq: 12 Oct 2018 18:39

Instrument :

BNA_F

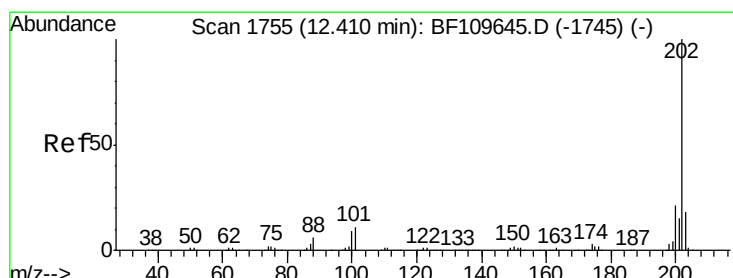
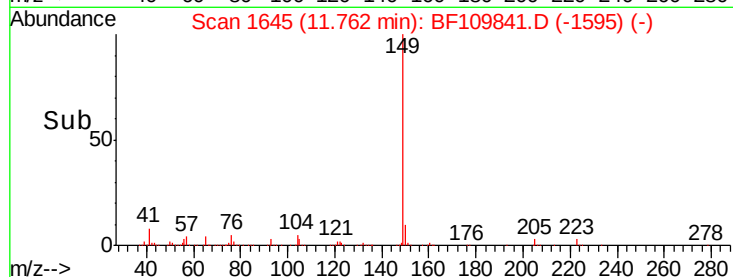
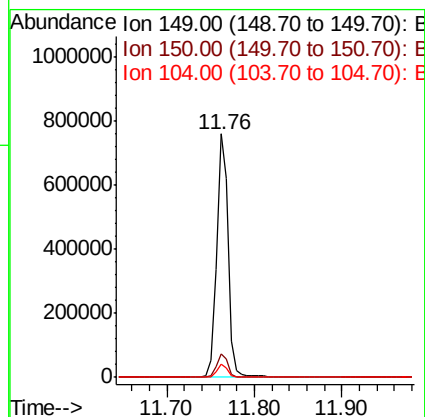
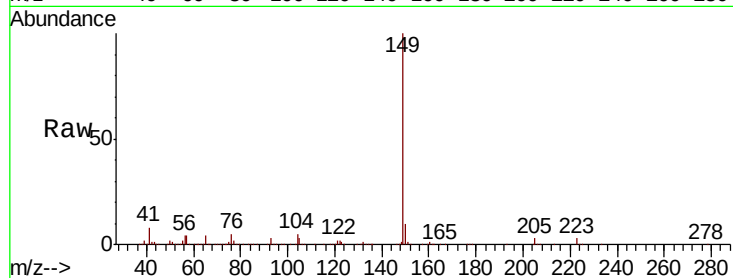
ClientSampleId :

HD-01-101118MS

Tot Ion:	149	Resp:	691038
Ion Ratio	Lower	Upper	
149	100		
150	9.6	7.7	11.5
104	5.3	4.2	6.4

Manual Integrations
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#74

Fluoranthene

Concen: 34.000 ng

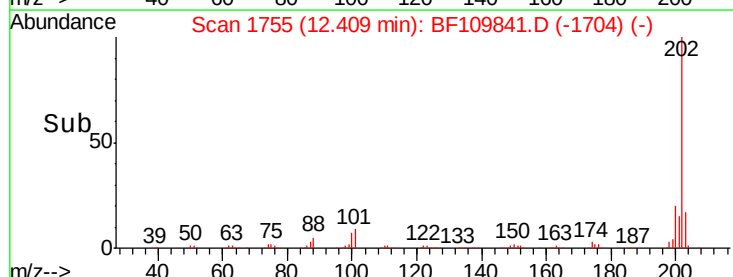
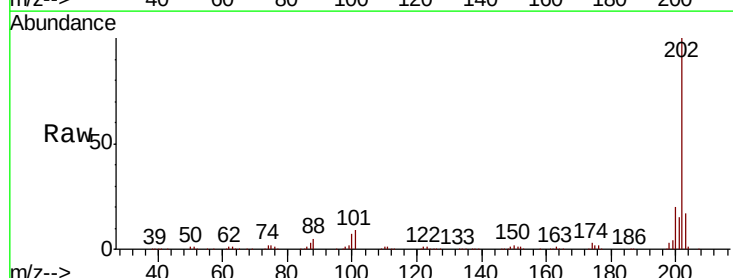
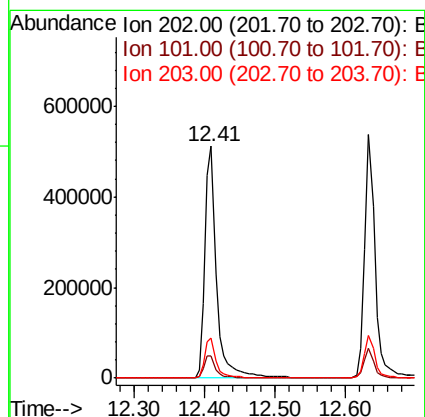
RT: 12.41 min Scan# 1755

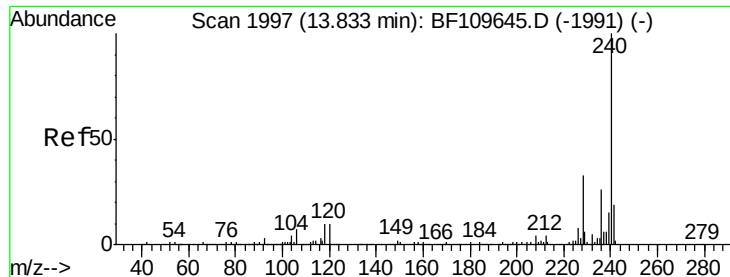
Delta R.T. -0.00 min

Lab File: BF109841.D

Acq: 12 Oct 2018 18:39

Tgt Ion:	202	Resp:	594263
Ion Ratio	Lower	Upper	
202	100		
101	9.4	0.0	31.4
203	17.5	0.0	37.7





#75

Chrysene-d12

Concen: 20.000 ng

RT: 13.83 min Scan# 1996

Delta R.T. -0.01 min

Lab File: BF109841.D

Acq: 12 Oct 2018 18:39

Instrument :

BNA_F

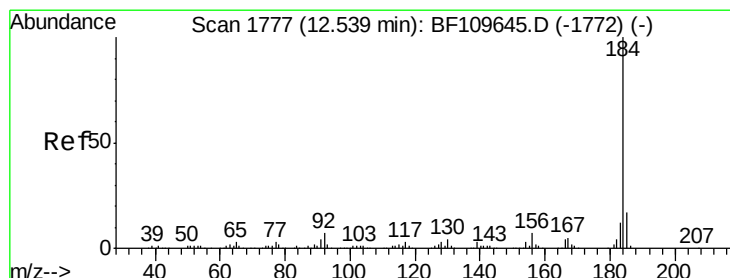
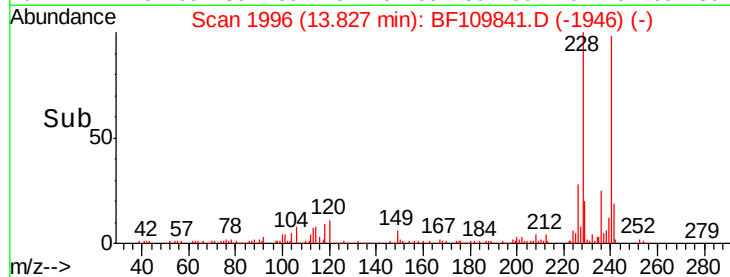
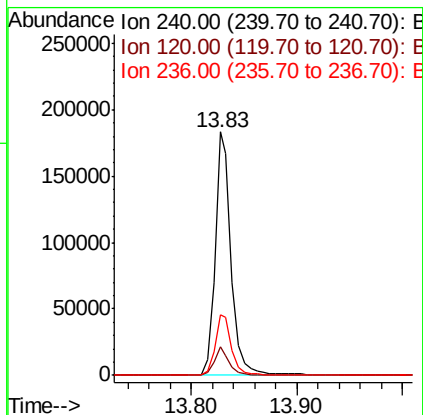
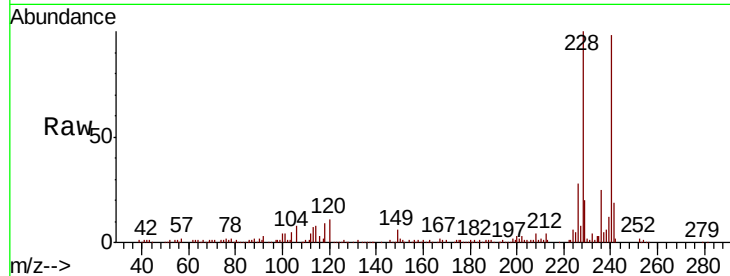
ClientSampleId :

HD-01-101118MS

Tot Ion:	240	Resp:	195839
Ion Ratio	Lower	Upper	
240	100		
120	11.6	8.3	12.5
236	24.9	21.2	31.8

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#76

Benzidine

Concen: 33.428 ng

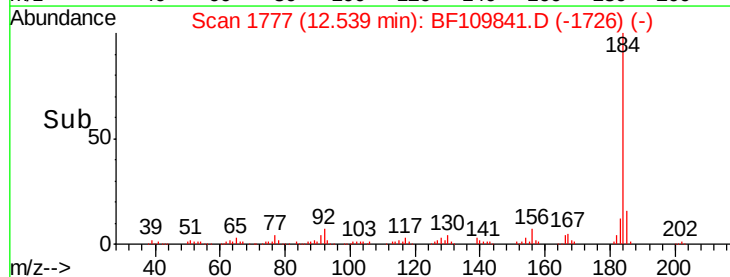
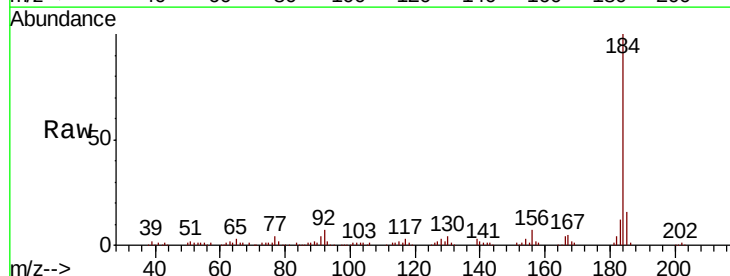
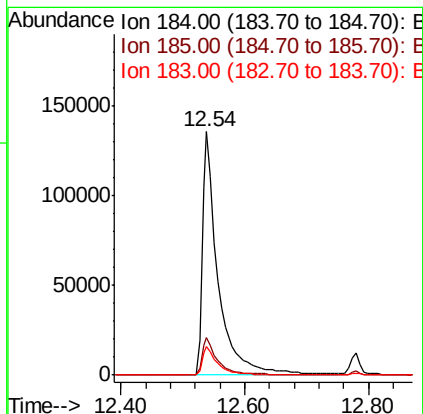
RT: 12.54 min Scan# 1777

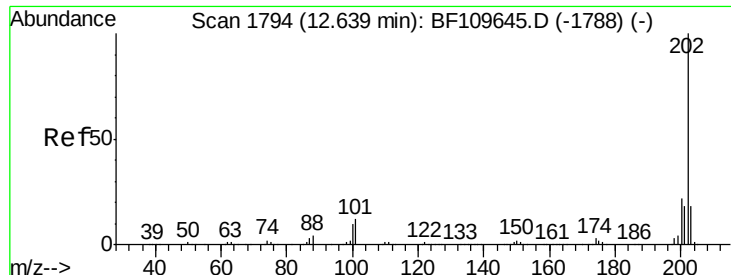
Delta R.T. -0.00 min

Lab File: BF109841.D

Acq: 12 Oct 2018 18:39

Tgt Ion:	184	Resp:	243191
Ion Ratio	Lower	Upper	
184	100		
185	15.6	13.4	20.2
183	11.6	9.4	14.2





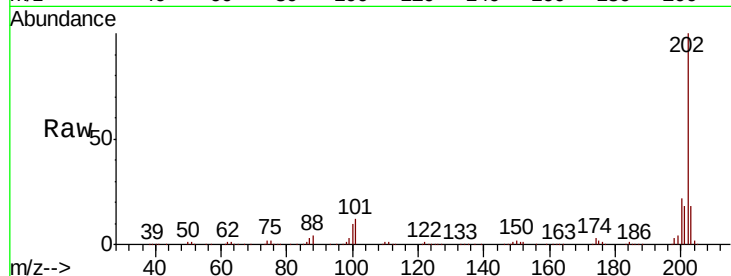
#77
Pvrene
Concen: 38.815 ng
RT: 12.63 min Scan# 1793
Delta R.T. -0.01 min
Lab File: BF109841.D
Acq: 12 Oct 2018 18:39

Instrument :
BNA_F
ClientSampleId :
HD-01-101118MS

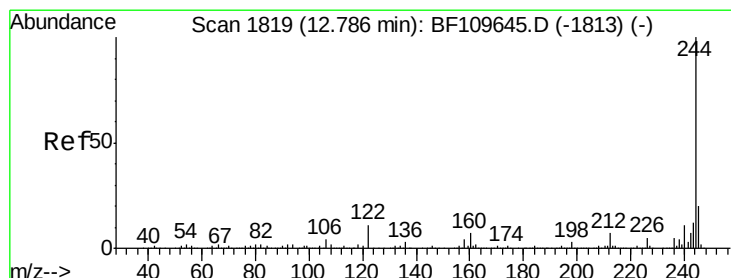
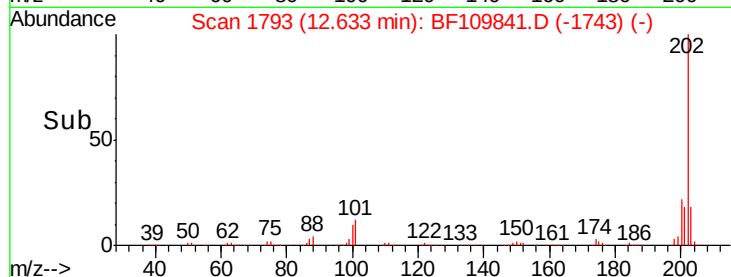
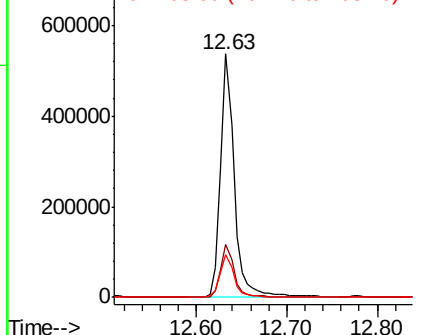
Tot Ion	Ratio	Resp Lower	Upper
202	100		
200	21.6	17.8	26.6
203	17.7	14.2	21.4

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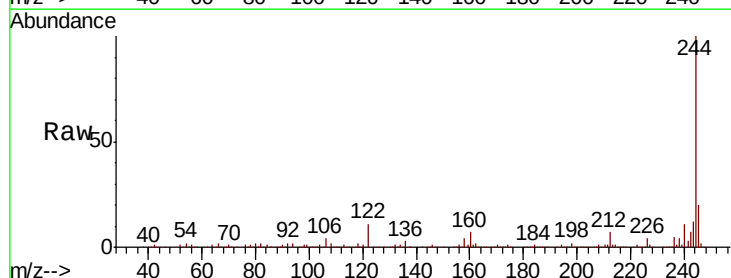


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E

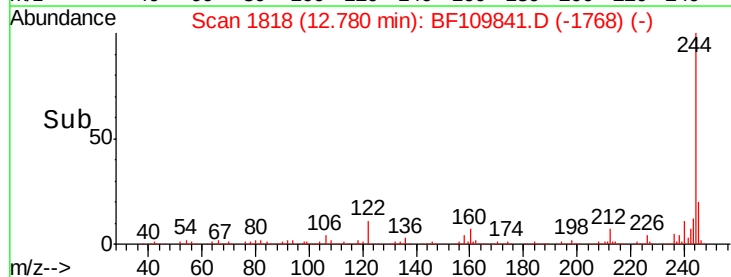
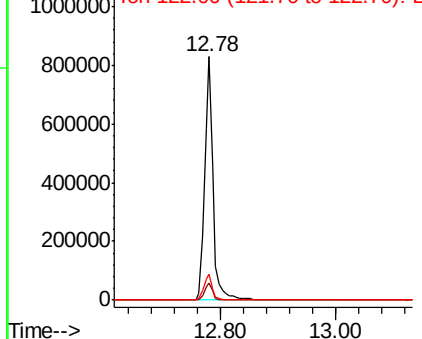


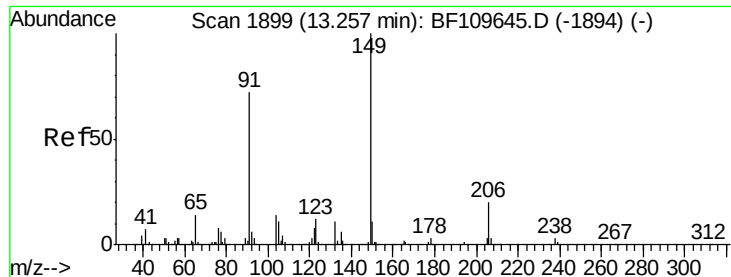
#78
Terphenyl-d14
Concen: 84.618 ng
RT: 12.78 min Scan# 1818
Delta R.T. -0.01 min
Lab File: BF109841.D
Acq: 12 Oct 2018 18:39

Tgt Ion	Ratio	Resp Lower	Upper
244	100		
212	7.2	5.8	8.8
122	10.8	8.7	13.1



Abundance Ion 244.00 (243.70 to 244.70): E
Ion 212.00 (211.70 to 212.70): E
Ion 122.00 (121.70 to 122.70): E





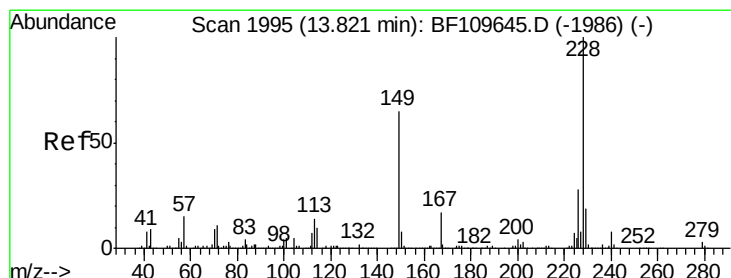
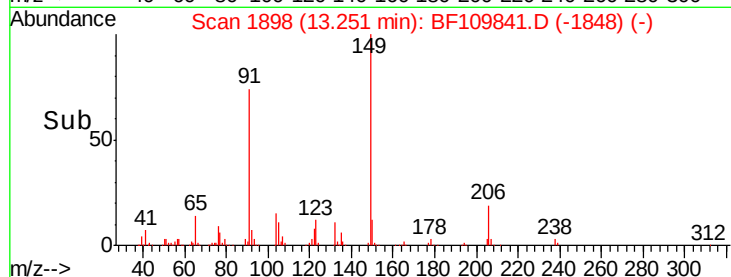
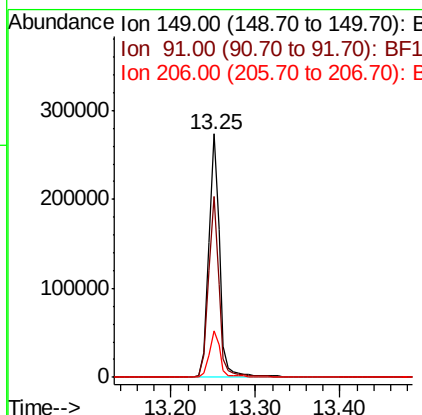
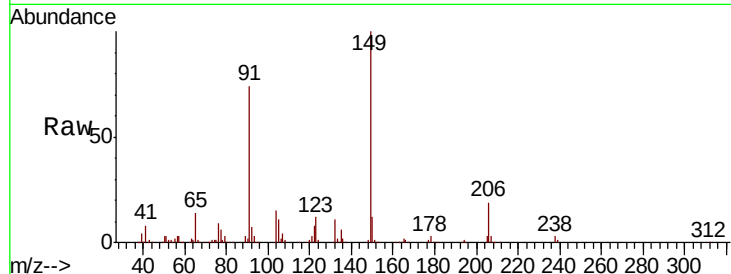
#79
Butylbenzylphthalate
Concen: 39.875 ng
RT: 13.25 min Scan# 1898
Delta R.T. -0.01 min
Lab File: BF109841.D
Acq: 12 Oct 2018 18:39

Instrument :
BNA_F
ClientSampleId :
HD-01-101118MS

Tot Ion	Ratio	Lower	Upper
149	100		
91	74.4	57.2	85.8
206	19.2	15.7	23.5

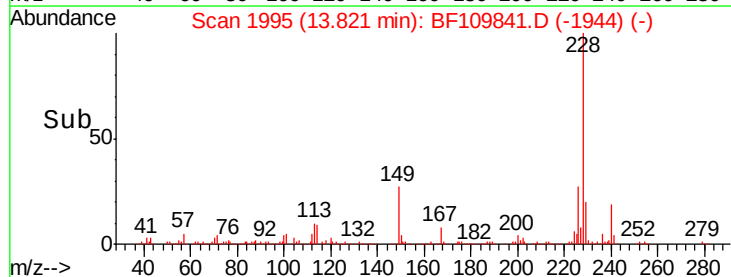
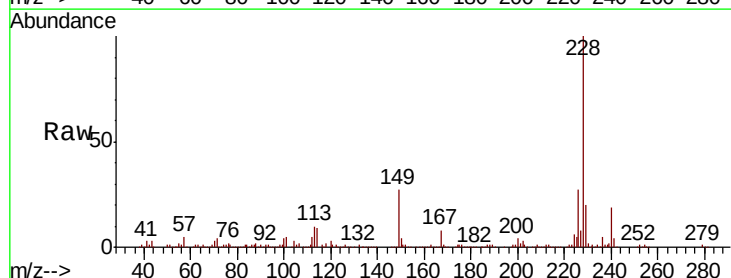
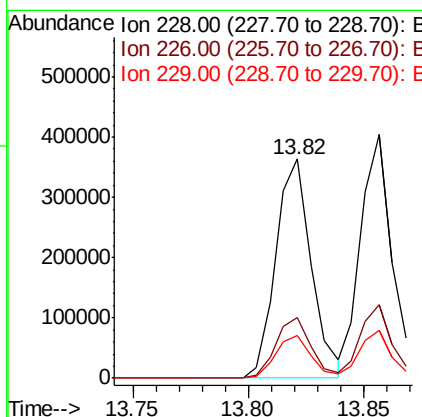
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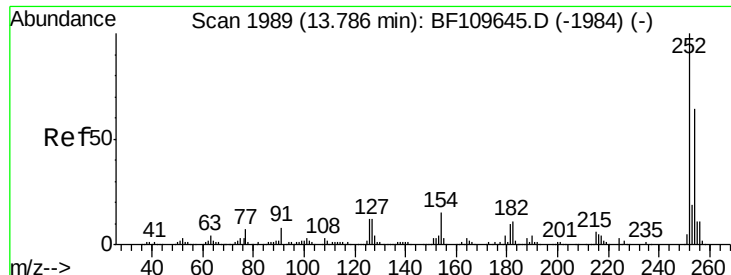
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#80
Benzo(a)anthracene
Concen: 35.857 ng
RT: 13.82 min Scan# 1995
Delta R.T. -0.00 min
Lab File: BF109841.D
Acq: 12 Oct 2018 18:39

Tgt Ion	Ratio	Lower	Upper
228	100		
226	27.5	22.1	33.1
229	19.8	15.6	23.4





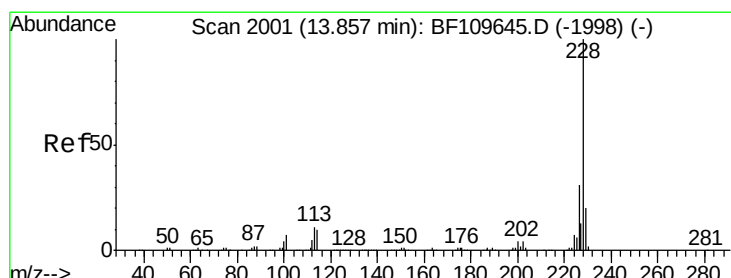
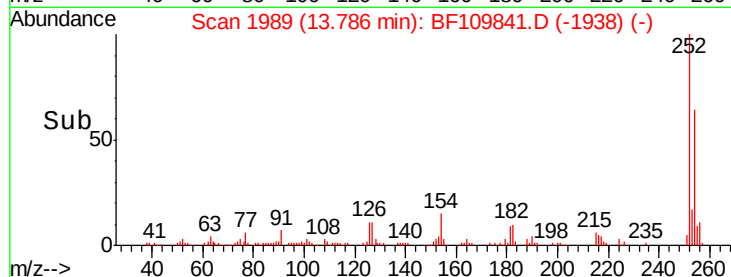
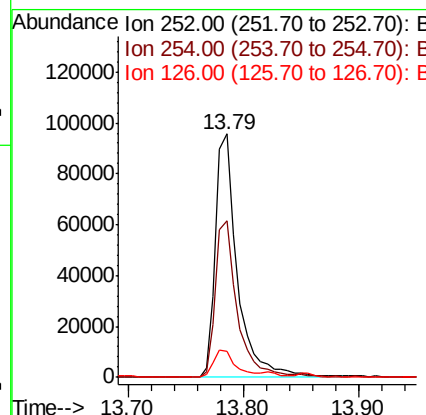
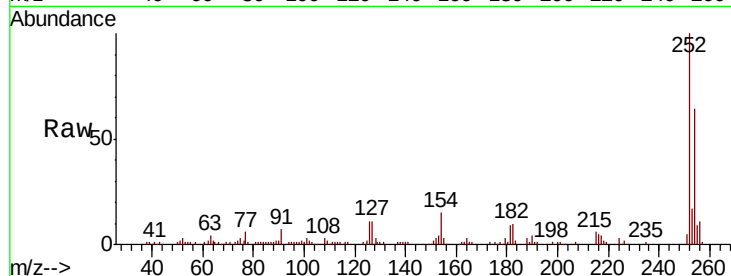
#81
 3,3'-Dichlorobenzidine
 Concen: 29.186 ng
 RT: 13.79 min Scan# 1989
 Delta R.T. -0.00 min
 Lab File: BF109841.D
 Acq: 12 Oct 2018 18:39

Instrument :
 BNA_F
 ClientSampleId :
 HD-01-101118MS

Tot Ion	Ratio	Resp	Lower	Upper
252	100	127007		
254	64.1	51.3	76.9	
126	10.7	9.4	14.2	

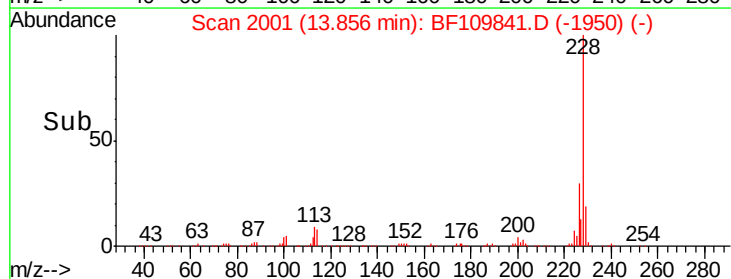
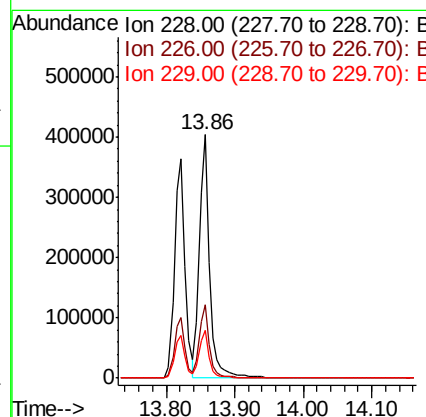
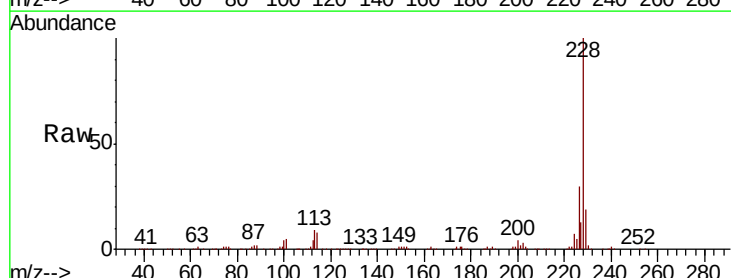
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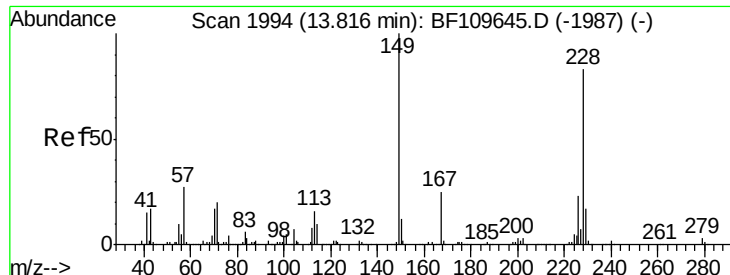
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#82
 Chrysene
 Concen: 36.567 ng
 RT: 13.86 min Scan# 2001
 Delta R.T. -0.00 min
 Lab File: BF109841.D
 Acq: 12 Oct 2018 18:39

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	415096		
226	30.1	24.7	37.1	
229	19.5	15.9	23.9	





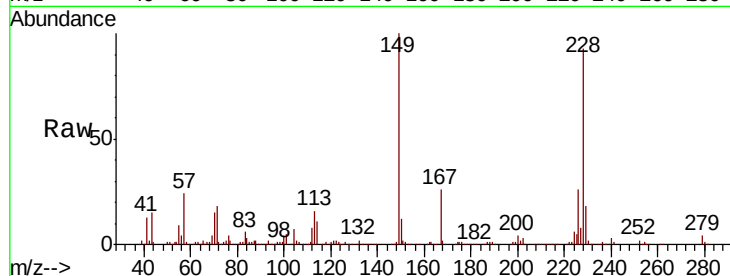
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 42.252 ng
 RT: 13.82 min Scan# 1994
 Delta R.T. -0.00 min
 Lab File: BF109841.D
 Acq: 12 Oct 2018 18:39

Instrument :
 BNA_F
 ClientSampleId :
 HD-01-101118MS

Tot Ion	Ratio	Lower	Upper
149	100		
167	26.1	19.8	29.8
279	4.1	2.7	4.1

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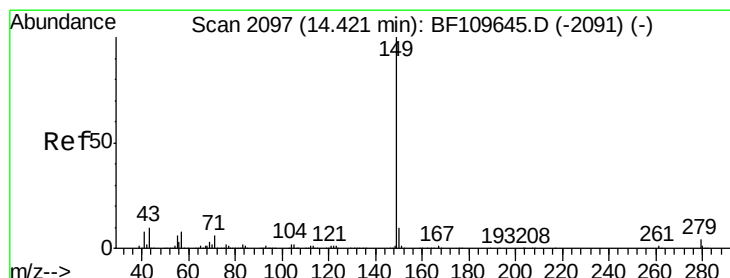
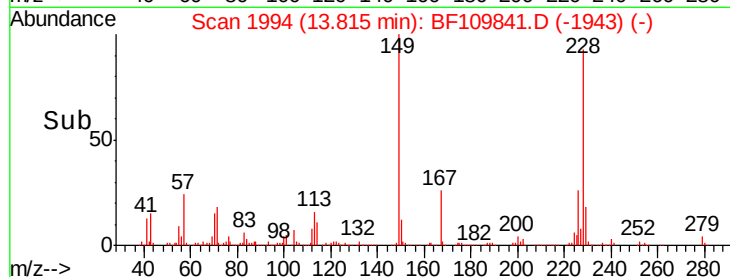
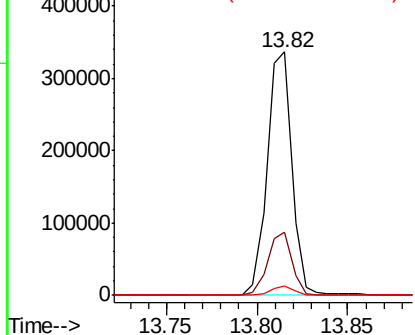


Abundance

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: 41.467 ng
 RT: 14.42 min Scan# 2096
 Delta R.T. -0.01 min
 Lab File: BF109841.D
 Acq: 12 Oct 2018 18:39

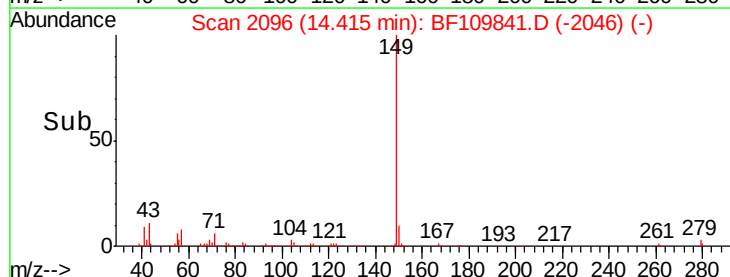
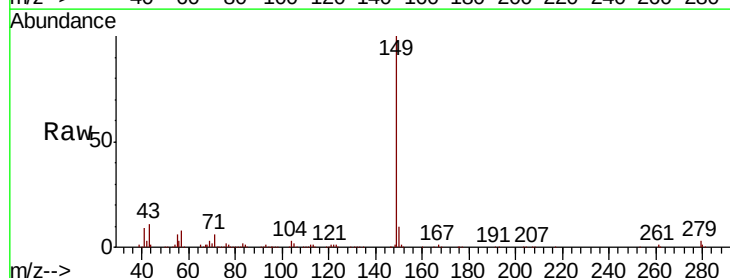
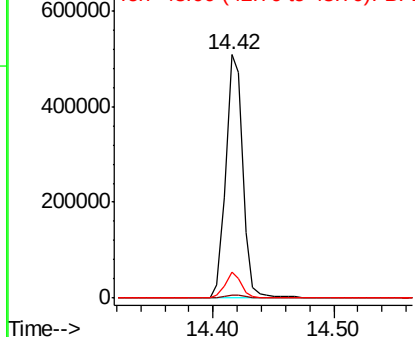
Tgt Ion	Ratio	Lower	Upper
149	100		
167	1.5	1.1	1.7
43	9.7	7.8	11.8

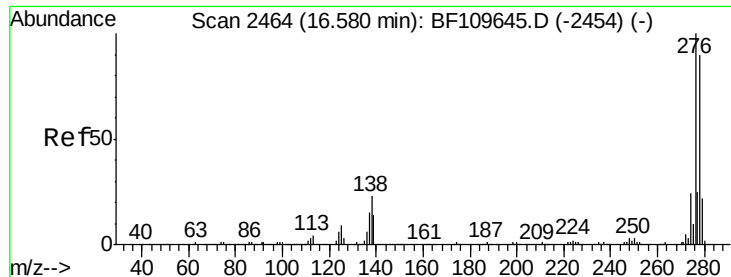
Abundance

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: 48.721 ng

RT: 16.58 min Scan# 2464

Delta R.T. -0.00 min

Lab File: BF109841.D

Acq: 12 Oct 2018 18:39

Instrument :

BNA_F

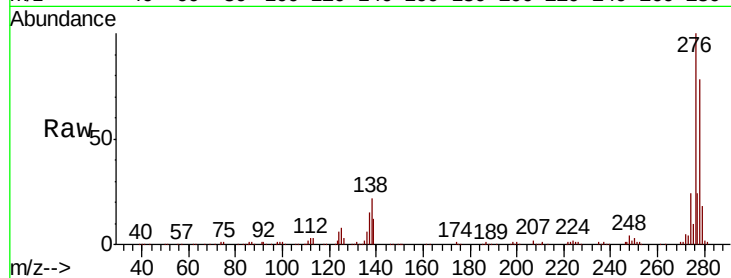
ClientSampleId :

HD-01-101118MS

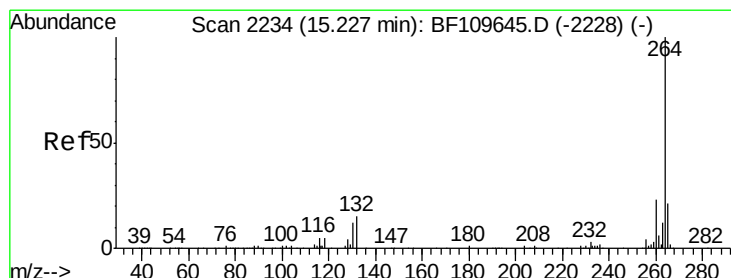
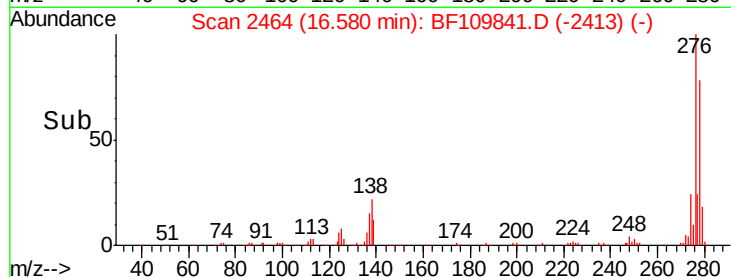
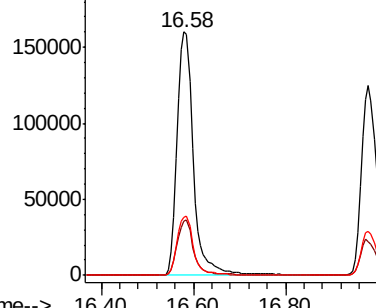
Tot Ion:	276	Resp:	395864
Ion Ratio	Lower	Upper	
276	100		
138	22.8	18.5	27.7
277	24.4	20.0	30.0

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



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.23 min Scan# 2234

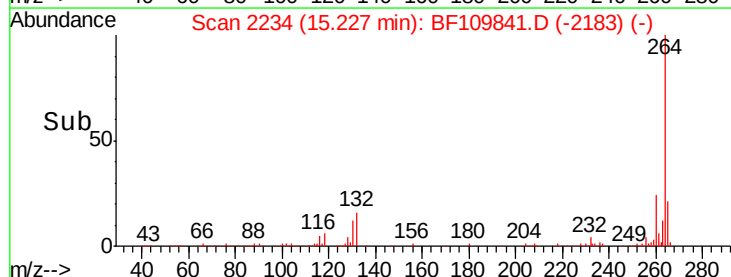
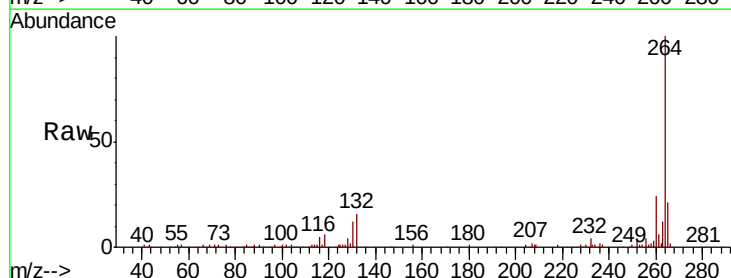
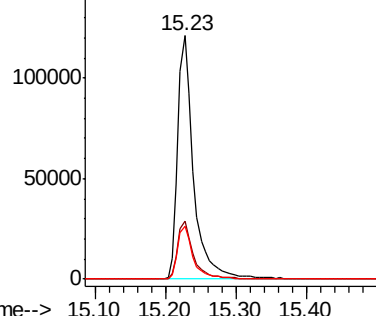
Delta R.T. -0.00 min

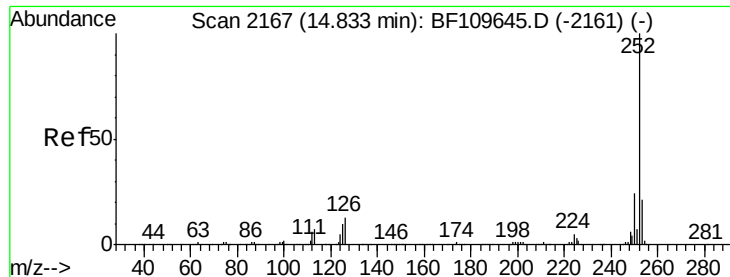
Lab File: BF109841.D

Acq: 12 Oct 2018 18:39

Tgt Ion:	264	Resp:	190551
Ion Ratio	Lower	Upper	
264	100		
260	23.8	18.7	28.1
265	21.5	16.7	25.1

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





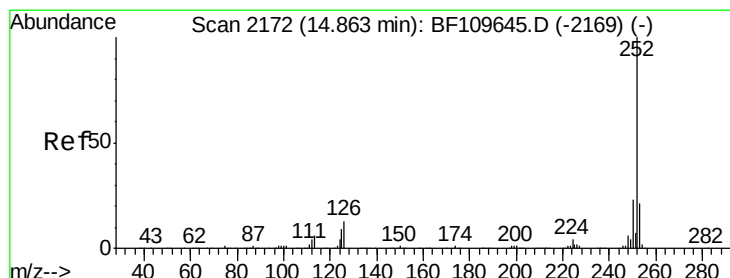
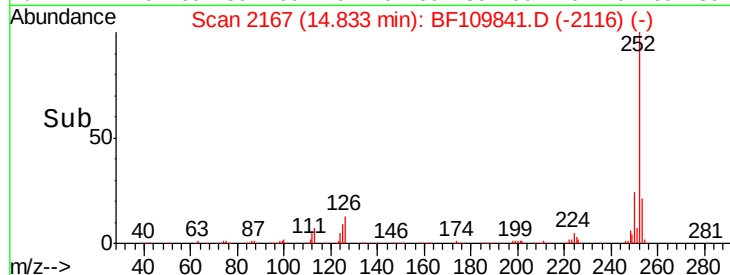
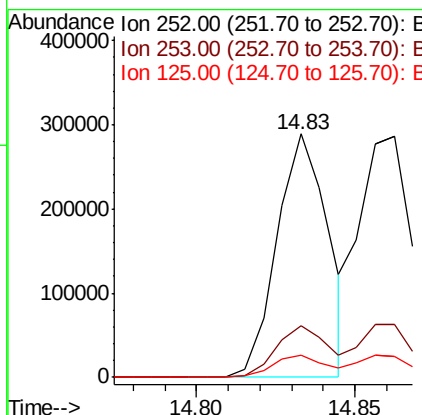
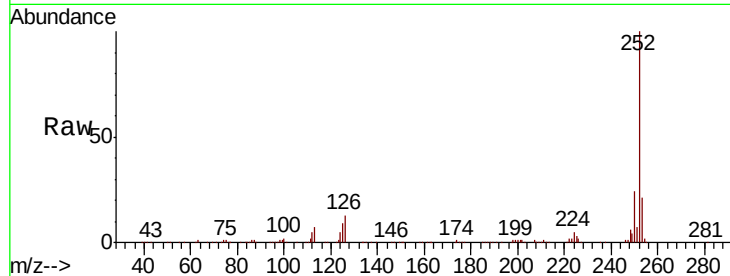
#87
Benzo(b)fluoranthene
Concen: 30.873 ng
RT: 14.83 min Scan# 2167
Delta R.T. -0.00 min
Lab File: BF109841.D
Acq: 12 Oct 2018 18:39

Instrument :
BNA_F
ClientSampleId :
HD-01-101118MS

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.4	17.2	25.8
125	9.3	8.2	12.4

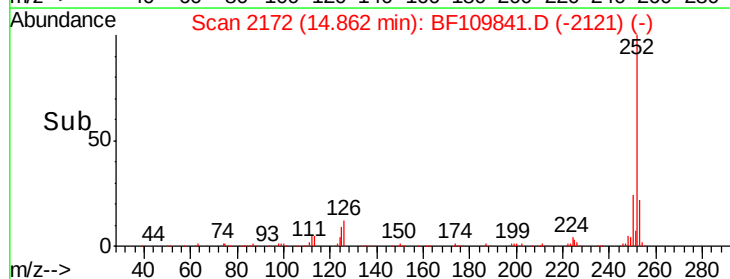
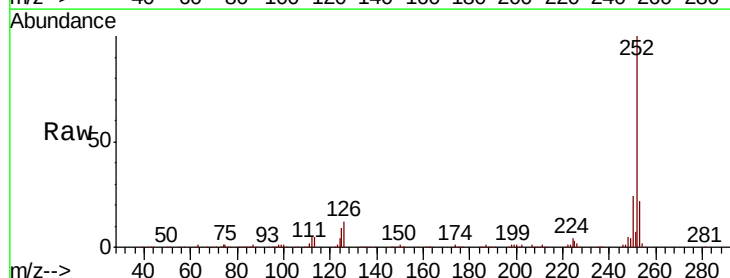
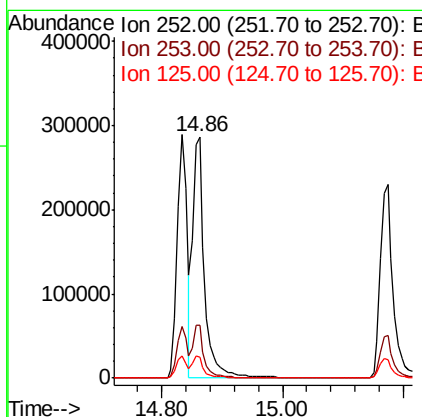
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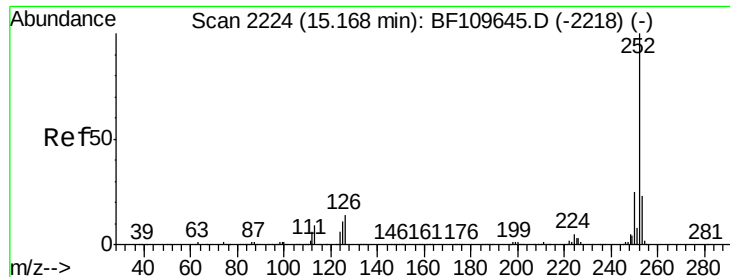
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#88
Benzo(k)fluoranthene
Concen: 37.071 ng
RT: 14.86 min Scan# 2172
Delta R.T. -0.00 min
Lab File: BF109841.D
Acq: 12 Oct 2018 18:39

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.8	17.2	25.8
125	8.8	7.4	11.0





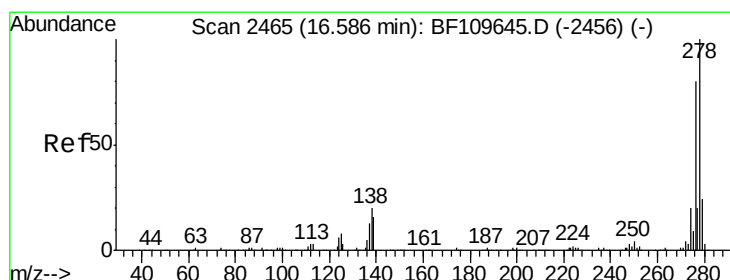
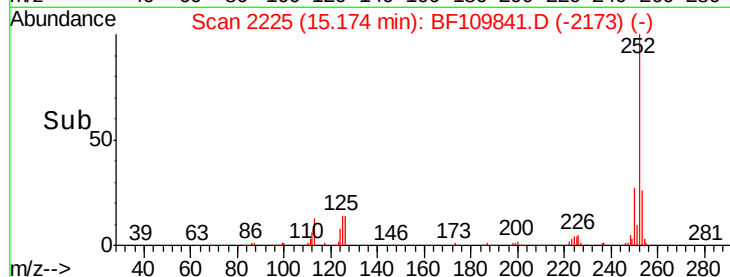
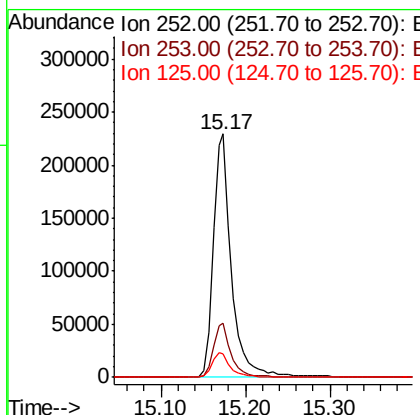
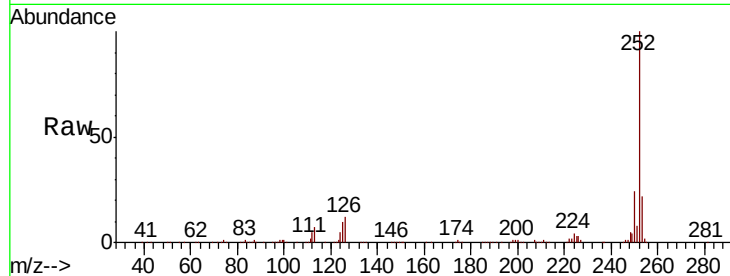
#89
Benzo(a)pyrene
Concen: 36.355 ng
RT: 15.17 min Scan# 2225
Delta R.T. 0.01 min
Lab File: BF109841.D
Acq: 12 Oct 2018 18:39

Instrument :
BNA_F
ClientSampleId :
HD-01-101118MS

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.1	18.2	27.4
125	9.7	9.0	13.6

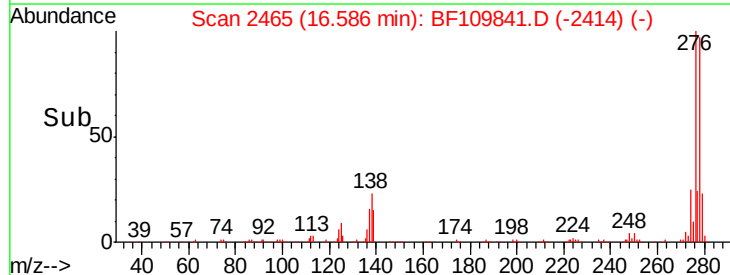
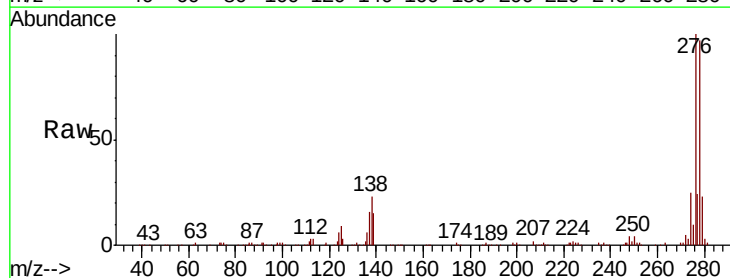
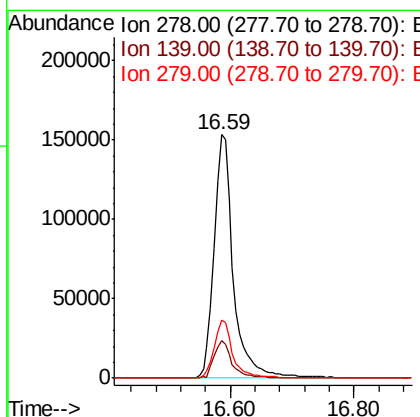
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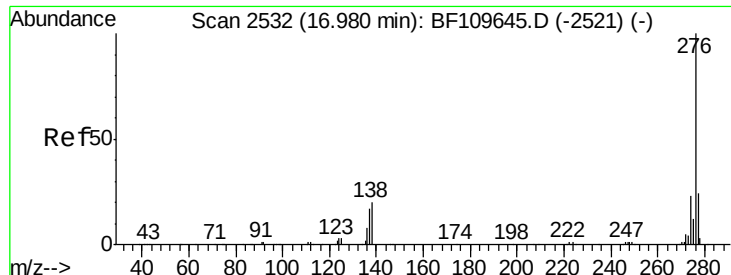
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#90
Dibenzo(a,h)anthracene
Concen: 42.001 ng
RT: 16.59 min Scan# 2465
Delta R.T. -0.00 min
Lab File: BF109841.D
Acq: 12 Oct 2018 18:39

Tgt Ion	Ratio	Lower	Upper
278	100		
139	15.3	12.7	19.1
279	23.6	19.0	28.4





#91
 Benzo(a,h,i)perylene
 Concen: 41.175 ng
 RT: 16.98 min Scan# 2532
 Delta R.T. -0.00 min
 Lab File: BF109841.D
 Acq: 12 Oct 2018 18:39

Instrument :
 BNA_F
 ClientSampleId :
 HD-01-101118MS

Tot Ion	Ratio	Resp	Lower	Upper
276	100	322684		
277	23.0		18.8	28.2
138	18.1		16.0	24.0

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