

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF110518\
 Data File : BF110464.D
 Acq On : 5 Nov 2018 14:55
 Operator : JU/SJ
 Sample : J5815-05MS
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 HL-R25951-RTMS

Manual Integrations
 APPROVED

Sohil
 11/6/2018 9:00:55 AM

Quant Time: Nov 06 10:17:24 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF102318.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Nov 01 16:06:12 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.96	152	93312	20.00	ng	0.00
21) Naphthalene-d8	8.24	136	391351	20.00	ng	0.00
39) Acenaphthene-d10	10.00	164	191442	20.00	ng	0.00
64) Phenanthrene-d10	11.49	188	345608	20.00	ng	0.00
76) Chrysene-d12	14.14	240	189121	20.00	ng	0.00
87) Perylene-d12	15.66	264	163884	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.59	112	787651	137.46	ng	0.01
7) Phenol-d6	6.59	99	1015735	138.59	ng	0.01
23) Nitrobenzene-d5	7.52	82	650373	98.57	ng	0.00
42) 2,4,6-Tribromophenol	10.80	330	259127	136.64	ng	0.00
45) 2-Fluorobiphenyl	9.32	172	1181580	96.92	ng	0.00
79) Terphenyl-d14	13.07	244	1019492	112.11	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.86	88	82049	27.330	ng	88
3) Pyridine	3.65	79	241066	36.052	ng	# 83
4) n-Nitrosodimethylamine	3.60	42	126765	45.250	ng	# 91
6) Aniline	6.62	93	236906	24.813	ng	# 55
8) 2-Chlorophenol	6.75	128	282618	42.780	ng	99
9) Benzaldehyde	6.51	77	179623	43.183	ng	97
10) Phenol	6.60	94	418409	53.407	ng	# 64
11) bis(2-Chloroethyl)ether	6.69	93	261162	40.518	ng	95
12) 1,3-Dichlorobenzene	6.90	146	290133	39.907	ng	98
13) 1,4-Dichlorobenzene	6.97	146	289931	39.431	ng	98
14) 1,2-Dichlorobenzene	7.13	146	275269	40.328	ng	99
15) Benzyl Alcohol	7.10	79	248830	44.142	ng	93
16) 2,2'-oxybis(1-Chloropropan	7.22	45	419924	40.747	ng	71
17) 2-Methylphenol	7.20	107	235873	44.800	ng	# 82
18) Hexachloroethane	7.46	117	108327	40.241	ng	93
19) n-Nitroso-di-n-propylamine	7.37	70	196237	41.735	ng	# 97
20) 3+4-Methylphenols	7.36	107	297422	43.703	ng	# 87
22) Acetophenone	7.37	105	396571	43.978	ng	98
24) Nitrobenzene	7.54	77	295190	43.334	ng	96
25) Isophorone	7.77	82	549222	48.832	ng	97
26) 2-Nitrophenol	7.86	139	152644	47.089	ng	94
27) 2,4-Dimethylphenol	7.89	122	265827	49.462	ng	99
28) bis(2-Chloroethoxy)methane	7.98	93	345926	45.275	ng	100
29) 2,4-Dichlorophenol	8.10	162	246254	45.353	ng	98
30) 1,2,4-Trichlorobenzene	8.18	180	254998	41.927	ng	96
31) Naphthalene	8.26	128	825977	45.794	ng	100
33) 4-Chloroaniline	8.31	127	102210	12.591	ng	95
34) Hexachlorobutadiene	8.37	225	139938	41.440	ng	98
35) Caprolactam	8.68	113	83575m	44.162	ng	
36) 4-Chloro-3-methylphenol	8.80	107	267965	45.638	ng	93
37) 2-Methylnaphthalene	8.95	142	575394	48.215	ng	100
38) 1-Methylnaphthalene	9.05	142	548621m	47.572	ng	
40) 1,2,4,5-Tetrachlorobenzene	9.12	216	247272	41.454	ng	98
41) Hexachlorocyclopentadiene	9.10	237	219338	71.912	ng	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) 2,4,6-Trichlorophenol	9.23	196	167987	43.663	ng	94
44) 2,4,5-Trichlorophenol	9.27	196	180893	44.481	ng	96
46) 1,1'-Biphenyl	9.42	154	695092	40.151	ng	98
47) 2-Chloronaphthalene	9.45	162	535859	42.197	ng	99
48) 2-Nitroaniline	9.55	65	171687	44.615	ng	95
49) Acenaphthylene	9.86	152	834555	45.501	ng	99
50) Dimethylphthalate	9.72	163	818994	57.954	ng	100
51) 2,6-Dinitrotoluene	9.79	165	139462	45.815	ng	91
52) Acenaphthene	10.03	154	501534	41.333	ng	98
53) 3-Nitroaniline	9.96	138	92029	25.423	ng	89
54) 2,4-Dinitrophenol	10.07	184	19839	20.534	ng	93
55) Dibenzofuran	10.20	168	729529	42.942	ng	99
56) 4-Nitrophenol	10.13	139	273972	102.260	ng	97
57) 2,4-Dinitrotoluene	10.19	165	181660	46.983	ng	95
58) Fluorene	10.55	166	589119	46.594	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.32	232	142887m	43.106	ng	
60) Diethylphthalate	10.41	149	603173	43.724	ng	99
61) 4-Chlorophenyl-phenylether	10.53	204	276382	41.437	ng	97
62) 4-Nitroaniline	10.58	138	146384	40.658	ng	90
63) Azobenzene	10.70	77	594056	43.384	ng	96
65) 4,6-Dinitro-2-methylphenol	10.60	198	52718	33.387	ng	89
66) n-Nitrosodiphenylamine	10.66	169	508934	44.896	ng	96
67) 4-Bromophenyl-phenylether	11.03	248	164481	43.875	ng	94
68) Hexachlorobenzene	11.10	284	169209	42.540	ng	# 90
69) Atrazine	11.18	200	164870	46.022	ng	97
70) Pentachlorophenol	11.30	266	133193	57.426	ng	97
71) Phenanthrene	11.52	178	848320	46.910	ng	100
72) Anthracene	11.57	178	851384	46.970	ng	100
73) Carbazole	11.72	167	737369	41.664	ng	100
74) Di-n-butylphthalate	12.03	149	904949	45.274	ng	99
75) Fluoranthene	12.71	202	815077	44.411	ng	99
77) Benzidine	12.83	184	242767	46.704	ng	97
78) Pyrene	12.94	202	781924	57.671	ng	98
80) Butylbenzylphthalate	13.53	149	312316	53.071	ng	97
81) Benzo(a)anthracene	14.13	228	535787	47.773	ng	99
82) 3,3'-Dichlorobenzidine	14.08	252	98950	25.337	ng	99
83) Chrysene	14.16	228	496449	46.605	ng	99
84) Bis(2-ethylhexyl)phthalate	14.09	149	398284	50.066	ng	97
85) Di-n-octyl phthalate	14.70	149	567525	45.880	ng	98
86) Indeno(1,2,3-cd)pyrene	17.24	276	522099	59.080	ng	98
88) Benzo(b)fluoranthene	15.20	252	452297	47.793	ng	99
89) Benzo(k)fluoranthene	15.24	252	409427	44.007	ng	98
90) Benzo(a)pyrene	15.60	252	426499	48.977	ng	98
91) Dibenzo(a,h)anthracene	17.24	278	426594	56.774	ng	99
92) Benzo(g,h,i)perylene	17.72	276	439499	59.358	ng	98

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

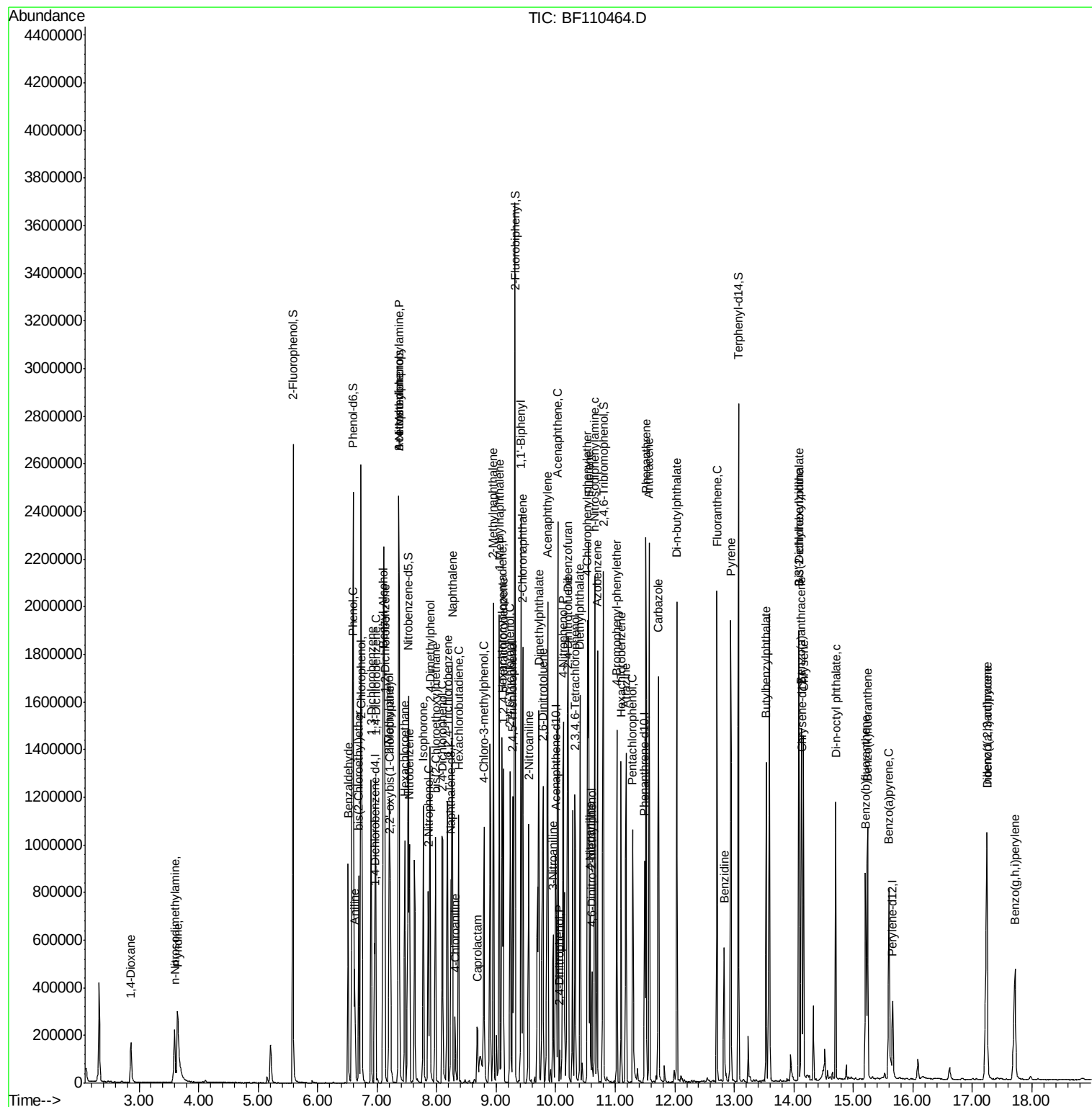
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF110518\
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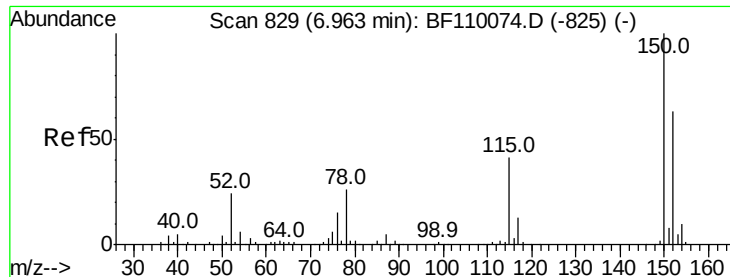
Instrument :
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#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 6.96 min Scan# 828

Delta R.T. 0.00 min

Lab File: BF110464.D

Acq: 5 Nov 2018 14:55

Instrument :

BNA_F

ClientSampleId :

HL-R25951-RTMS

Tot Ion:152 Resp: 93312

Ion Ratio Lower Upper

152 100

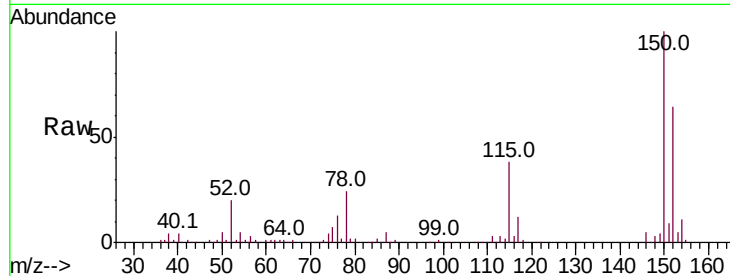
150 157.4 122.7 184.1

115 59.6 49.1 73.7

Manual Integrations
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11/6/2018 9:00:55 AM

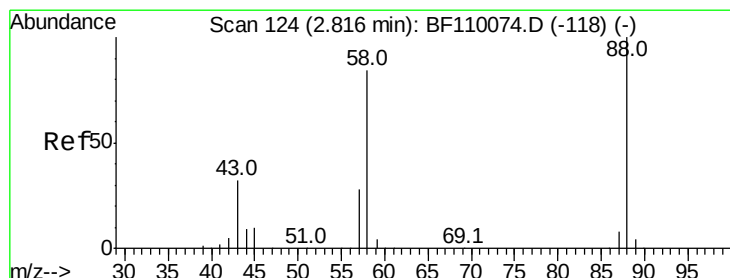
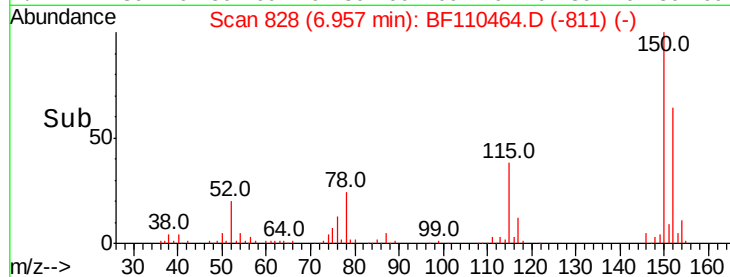
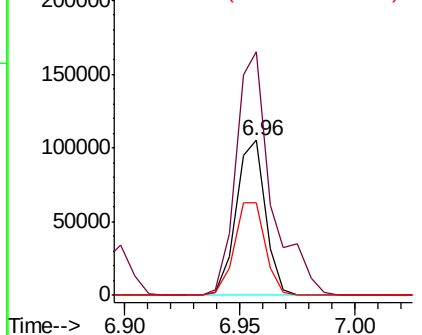


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 27.330 ng

RT: 2.86 min Scan# 132

Delta R.T. 0.06 min

Lab File: BF110464.D

Acq: 5 Nov 2018 14:55

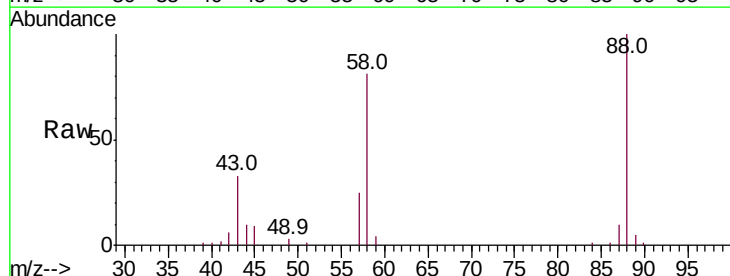
Tgt Ion: 88 Resp: 82049

Ion Ratio Lower Upper

88 100

58 84.1 57.1 85.7

43 32.6 24.1 36.1

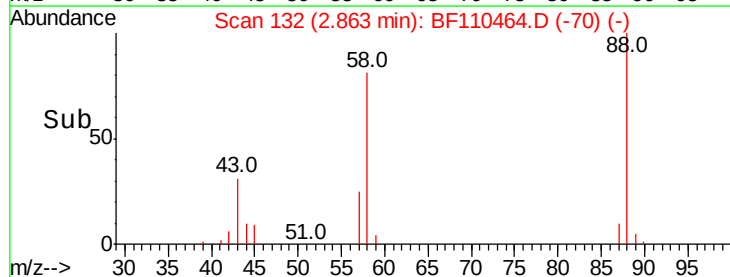
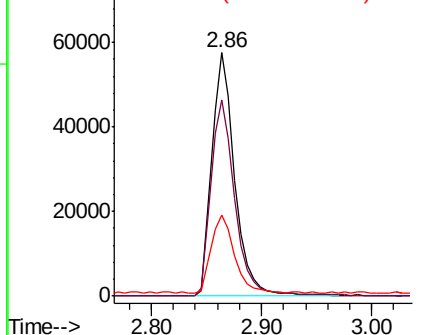


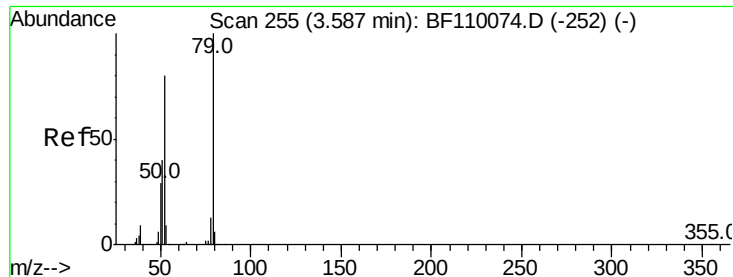
Abundance

Ion 88.00 (87.70 to 88.70): BF1

Ion 58.00 (57.70 to 58.70): BF1

Ion 43.00 (42.70 to 43.70): BF1





#3

Pvridine

Concen: 36.052 ng

RT: 3.65 min Scan# 265

Delta R.T. 0.06 min

Lab File: BF110464.D

Acq: 5 Nov 2018 14:55

Instrument :

BNA_F

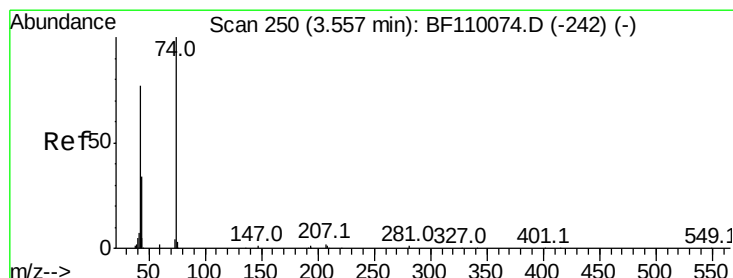
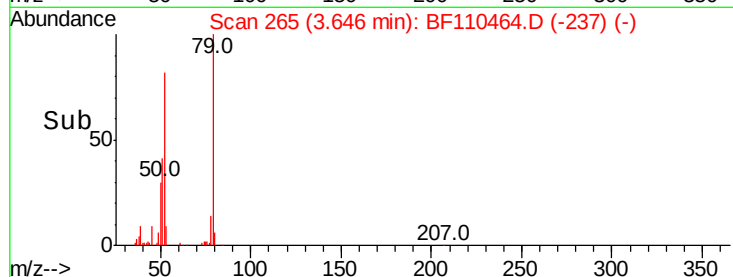
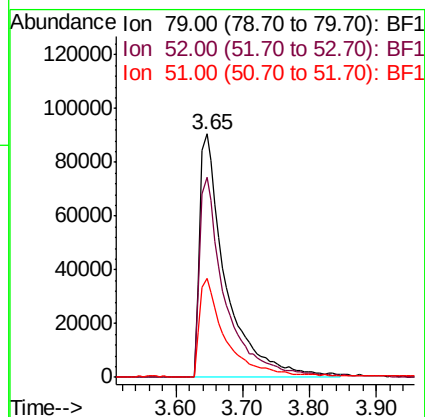
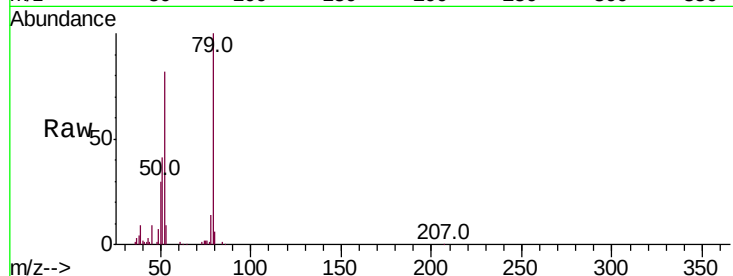
ClientSampleId :

HL-R25951-RTMS

Tot Ion	Ion	Ratio	Lower	Upper
79	100			
52	82.4	53.1	79.7#	
51	40.5	27.4	41.2	

Manual Integrations
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11/6/2018 9:00:55 AM



#4

n-Nitrosodimethylamine

Concen: 45.250 ng

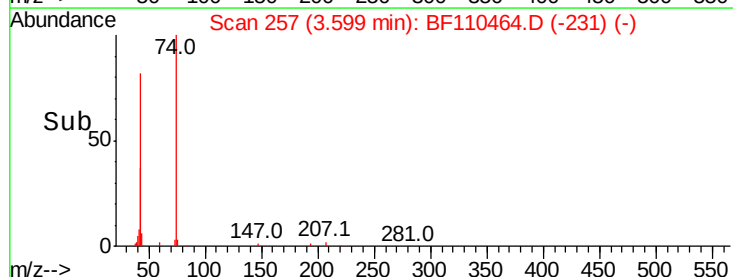
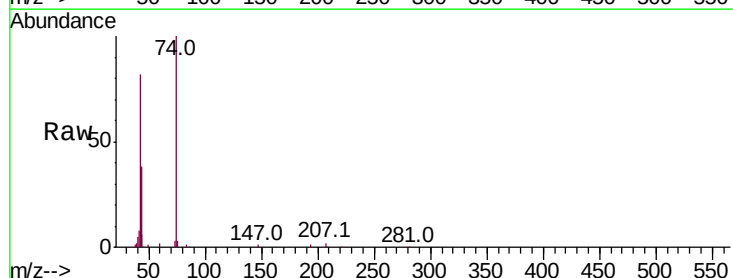
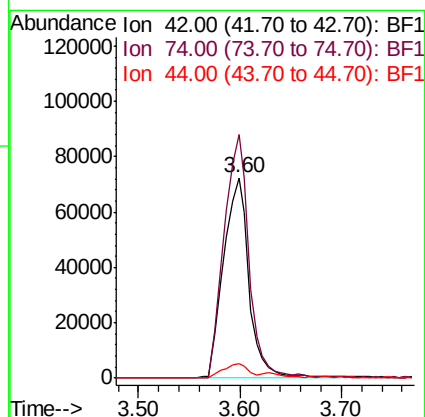
RT: 3.60 min Scan# 257

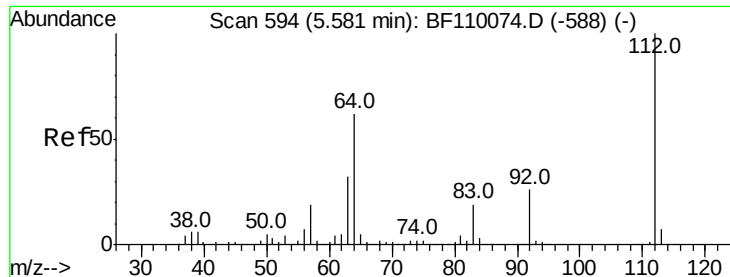
Delta R.T. 0.05 min

Lab File: BF110464.D

Acq: 5 Nov 2018 14:55

Tgt Ion	Ion	Ratio	Lower	Upper
42	100			
74	121.5	105.5	158.3	
44	7.5	4.9	7.3#	





#5

2-Fluorophenol

Concen: 137.458 ng

RT: 5.59 min Scan# 595

Delta R.T. 0.01 min

Lab File: BF110464.D

Acq: 5 Nov 2018 14:55

Instrument :

BNA_F

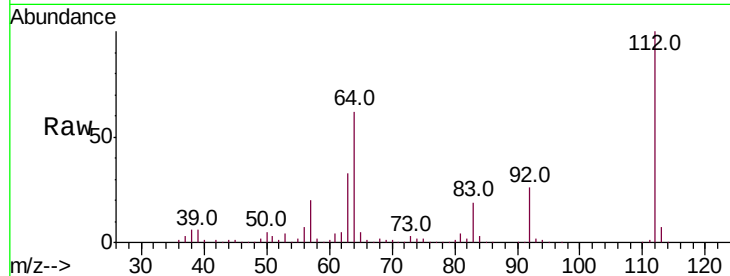
ClientSampleId :

HL-R25951-RTMS

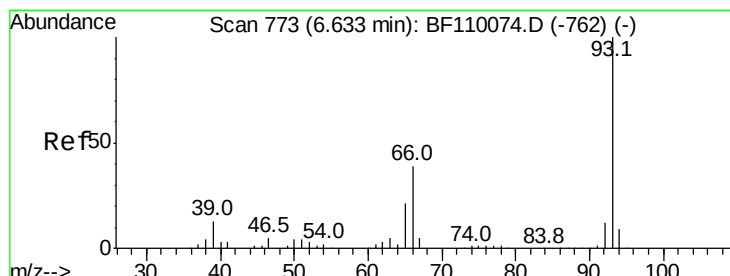
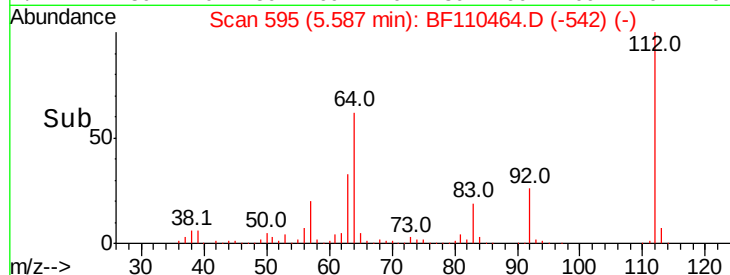
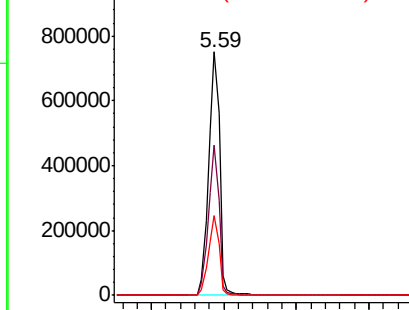
Tot Ion:	112	Resp:	787651
Ion Ratio	Lower	Upper	
112	100		
64	61.6	44.1	66.1
63	32.6	23.7	35.5

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



#6

Aniline

Concen: 24.813 ng

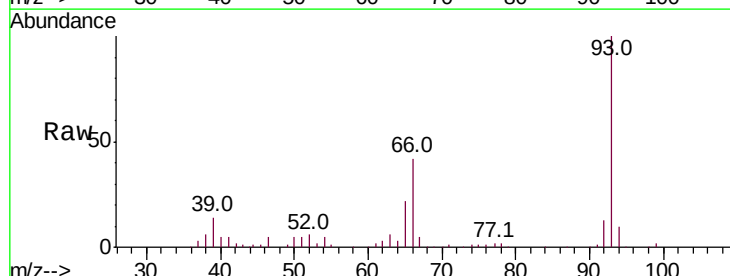
RT: 6.62 min Scan# 771

Delta R.T. 0.00 min

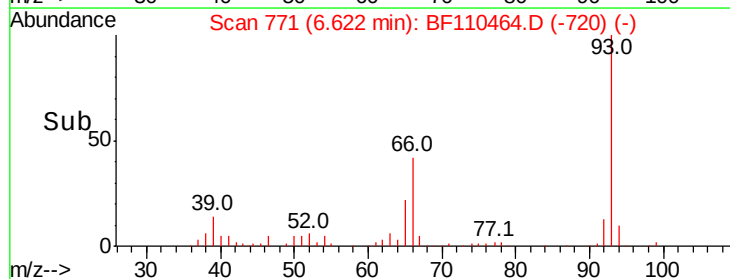
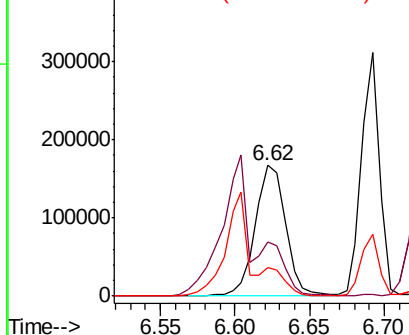
Lab File: BF110464.D

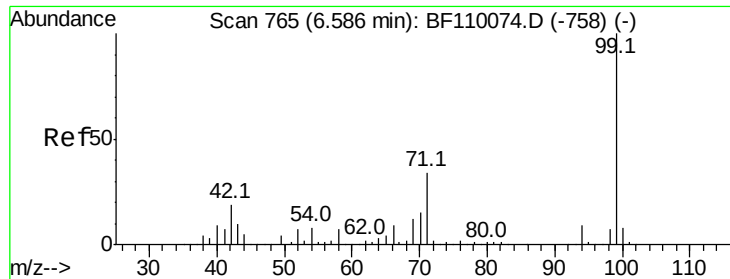
Acq: 5 Nov 2018 14:55

Tgt Ion:	93	Resp:	236906
Ion Ratio	Lower	Upper	
93	100		
66	41.9	67.4	101.0#
65	22.3	41.0	61.4#



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





#7

Phenol-d6

Concen: 138.587 ng

RT: 6.59 min Scan# 766

Delta R.T. 0.01 min

Lab File: BF110464.D

Acq: 5 Nov 2018 14:55

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BNA_F

ClientSampleId :

HL-R25951-RTMS

Tot Ion: 99 Resp: 1015735

Ion Ratio Lower Upper

99 100

42 19.6 15.8 23.6

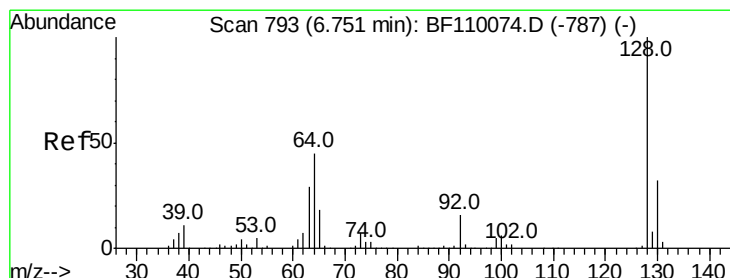
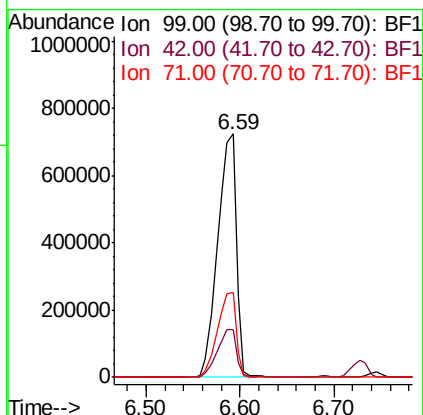
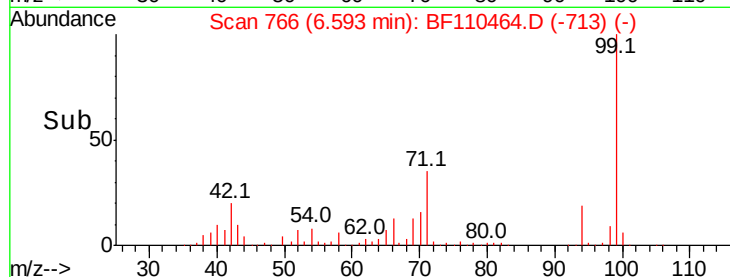
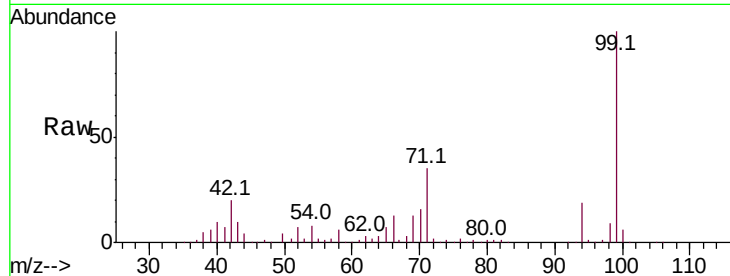
71 35.0 28.0 42.0

Manual Integrations

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11/6/2018 9:00:55 AM



#8

2-Chlorophenol

Concen: 42.780 ng

RT: 6.75 min Scan# 792

Delta R.T. 0.00 min

Lab File: BF110464.D

Acq: 5 Nov 2018 14:55

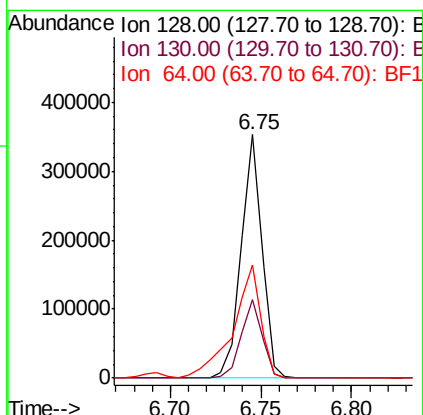
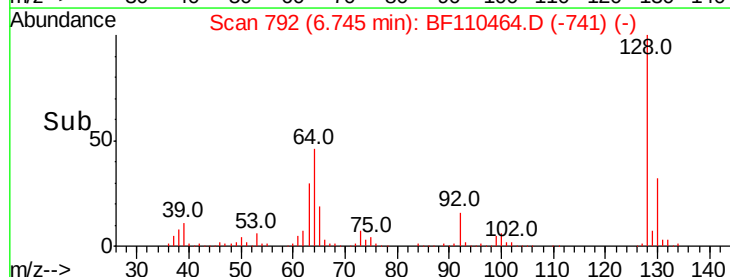
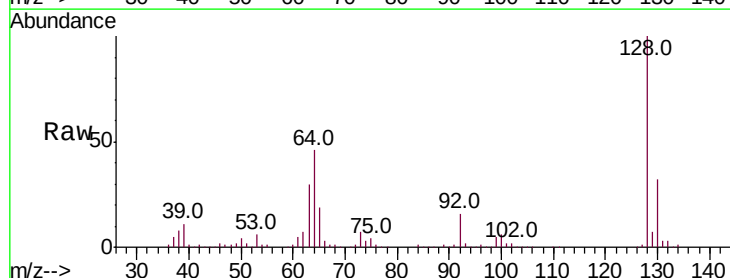
Tgt Ion: 128 Resp: 282618

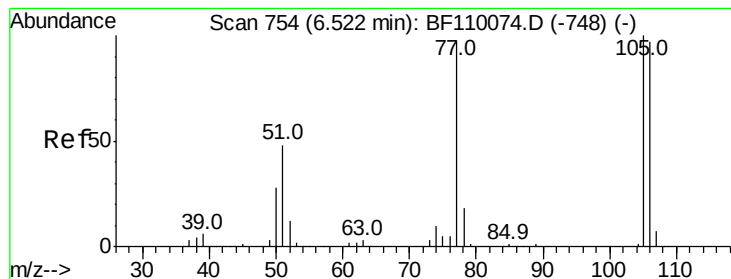
Ion Ratio Lower Upper

128 100

130 32.0 13.1 53.1

64 46.3 26.0 66.0





#9

Benzaldehyde

Concen: 43.183 ng

RT: 6.51 min Scan# 752

Delta R.T. 0.00 min

Lab File: BF110464.D

Acq: 5 Nov 2018 14:55

Instrument :

BNA_F

ClientSampleId :

HL-R25951-RTMS

Tot Ion: 77 Resp: 179623

Ion Ratio Lower Upper

77 100

105 101.4 78.6 118.6

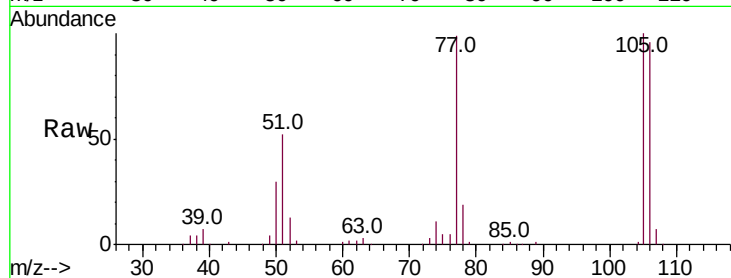
106 96.9 74.8 114.8

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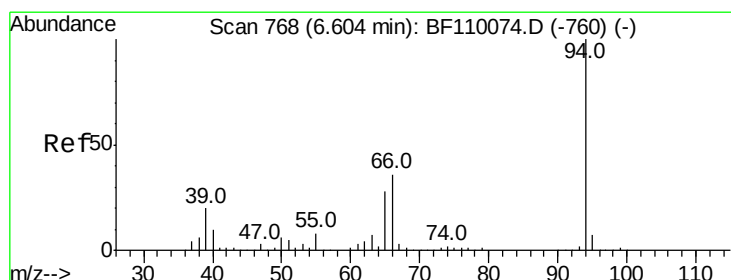
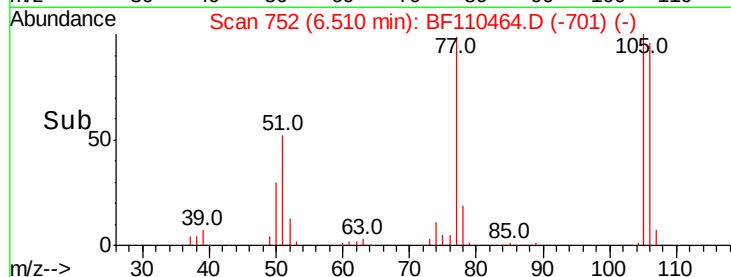
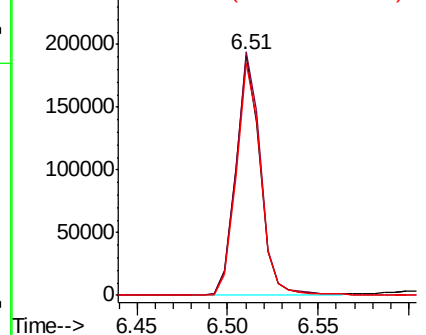
11/6/2018 9:00:55 AM



Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 106.00 (105.70 to 106.70): BF1



#10

Phenol

Concen: 53.407 ng

RT: 6.60 min Scan# 768

Delta R.T. 0.01 min

Lab File: BF110464.D

Acq: 5 Nov 2018 14:55

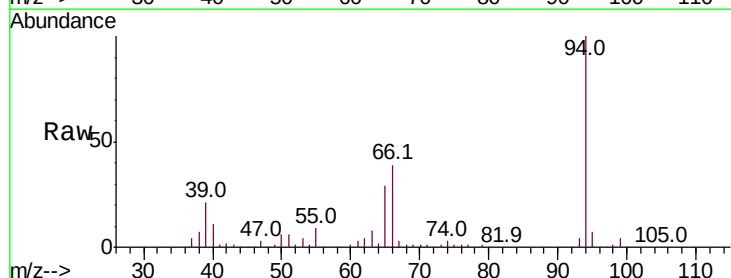
Tgt Ion: 94 Resp: 418409

Ion Ratio Lower Upper

94 100

65 28.6 25.3 65.3

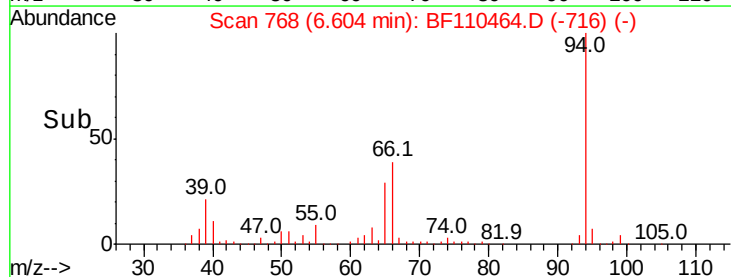
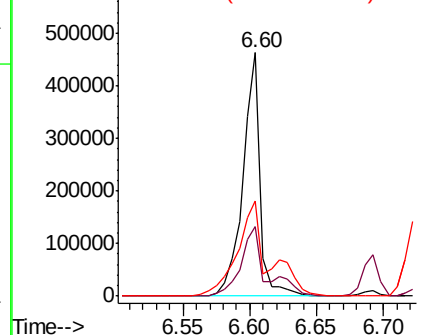
66 38.9 54.5 94.5#

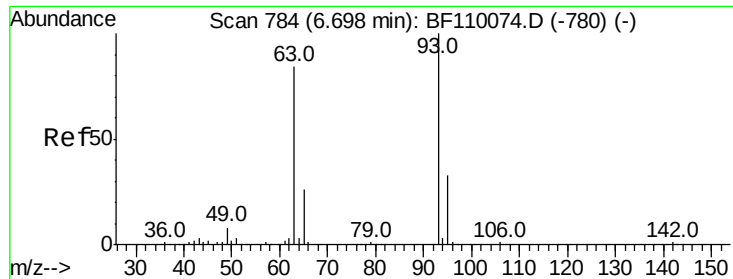


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1





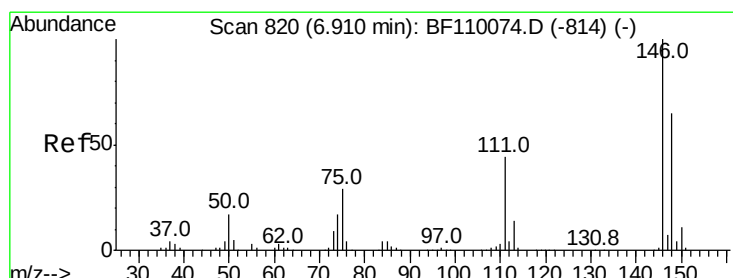
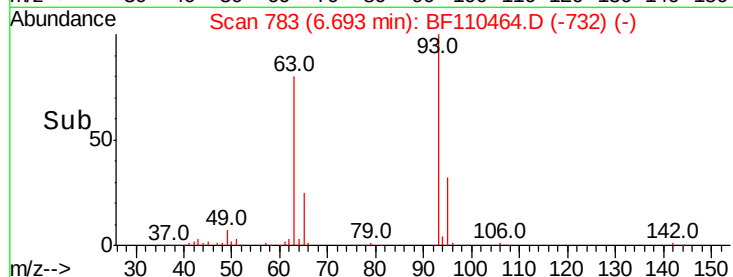
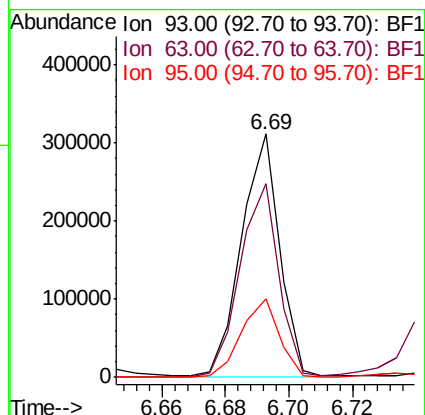
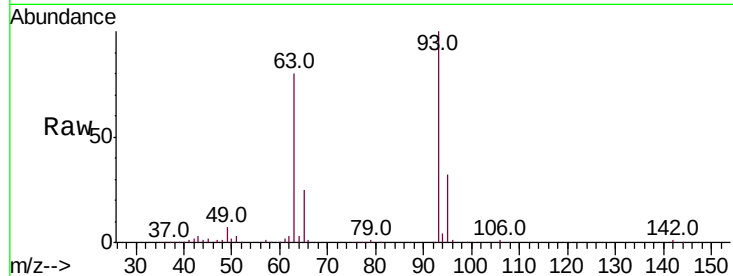
#11
bis(2-Chloroethyl)ether
Concen: 40.518 ng
RT: 6.69 min Scan# 783
Delta R.T. 0.00 min
Lab File: BF110464.D
Acq: 5 Nov 2018 14:55

Instrument :
BNA_F
ClientSampleId :
HL-R25951-RTMS

Tot Ion:	93	Resp:	261162
Ion Ratio	Lower	Upper	
93	100		
63	79.7	53.4	93.4
95	32.1	12.1	52.1

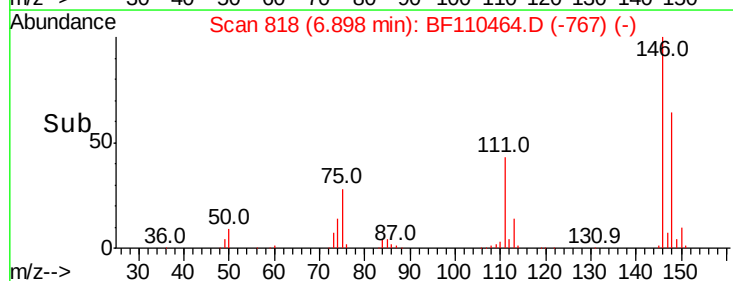
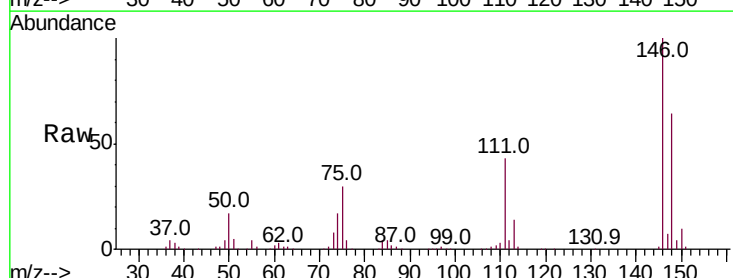
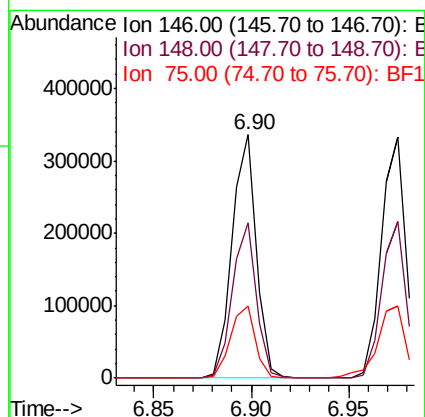
Manual Integrations
APPROVED

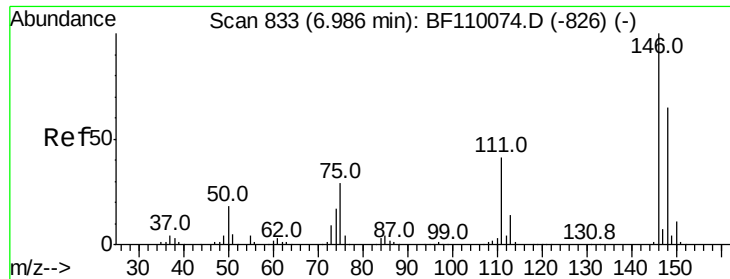
Sohil
11/6/2018 9:00:55 AM



#12
1,3-Dichlorobenzene
Concen: 39.907 ng
RT: 6.90 min Scan# 818
Delta R.T. 0.00 min
Lab File: BF110464.D
Acq: 5 Nov 2018 14:55

Tgt Ion:	146	Resp:	290133
Ion Ratio	Lower	Upper	
146	100		
148	64.0	50.4	75.6
75	29.5	25.8	38.6





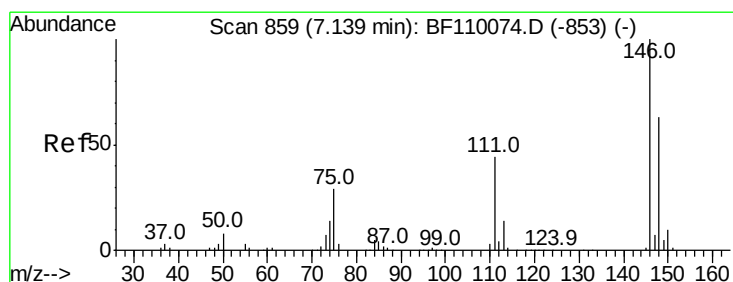
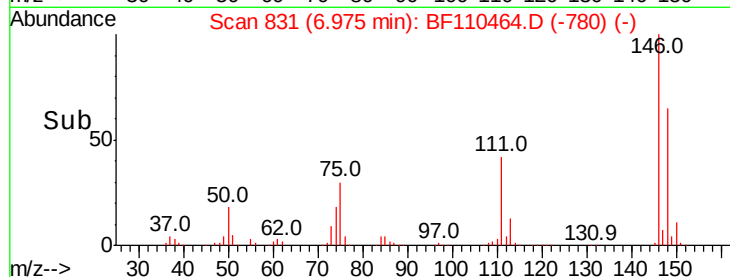
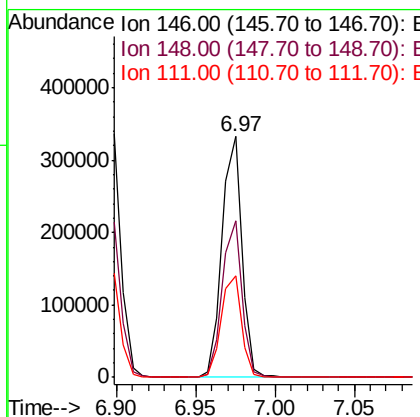
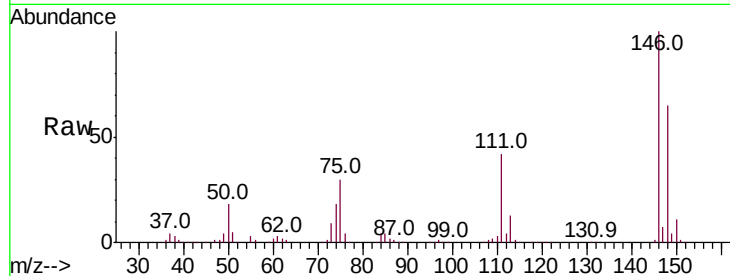
#13
 1,4-Dichlorobenzene
 Concen: 39.431 ng
 RT: 6.97 min Scan# 831
 Delta R.T. 0.00 min
 Lab File: BF110464.D
 Acq: 5 Nov 2018 14:55

Instrument :
 BNA_F
 ClientSampleId :
 HL-R25951-RTMS

Tot Ion	Ratio	Lower	Upper
146	100		
148	65.1	50.3	75.5
111	42.0	32.7	49.1

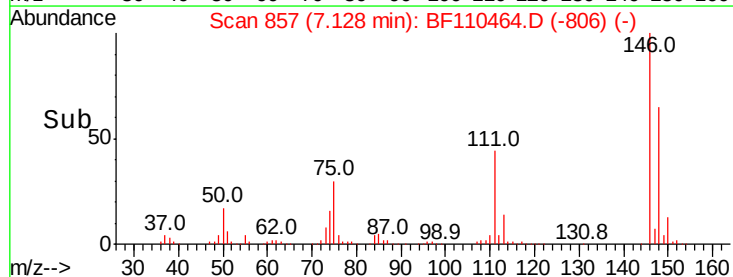
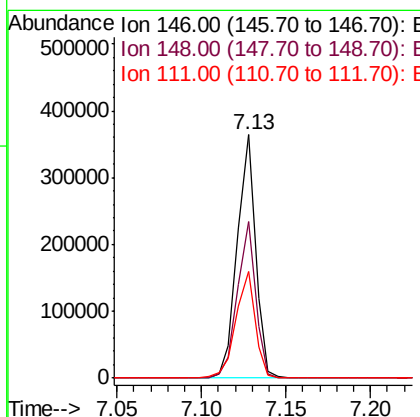
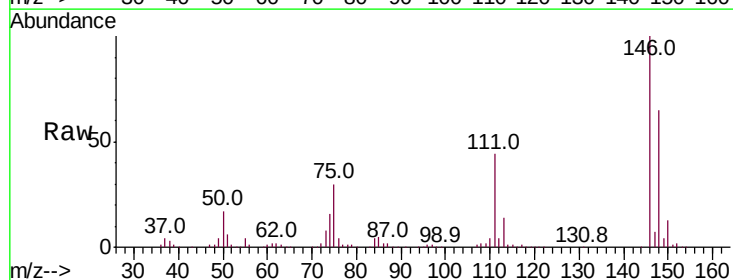
Manual Integrations
 APPROVED

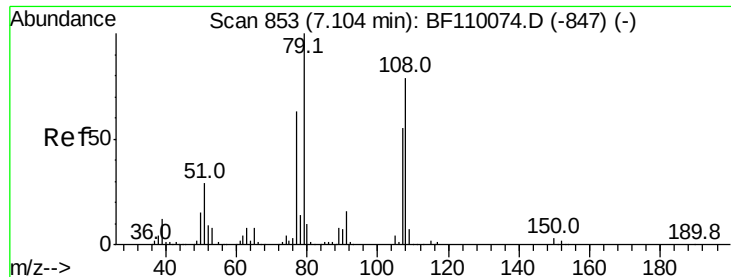
Sohil
 11/6/2018 9:00:55 AM



#14
 1,2-Dichlorobenzene
 Concen: 40.328 ng
 RT: 7.13 min Scan# 857
 Delta R.T. 0.00 min
 Lab File: BF110464.D
 Acq: 5 Nov 2018 14:55

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.5	51.1	76.7
111	43.9	35.8	53.6





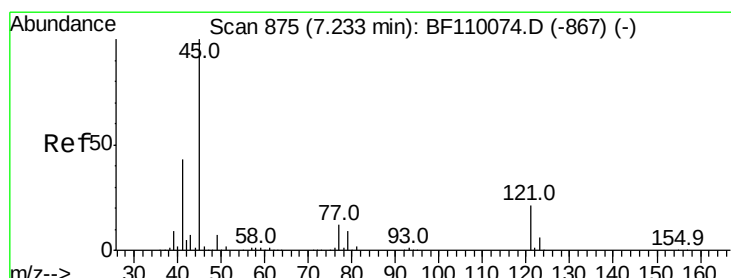
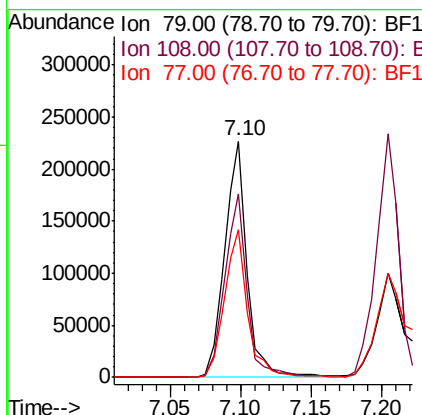
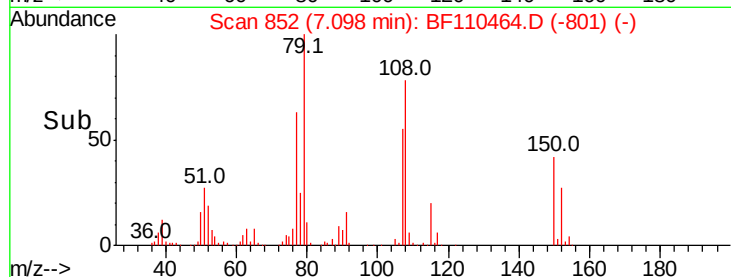
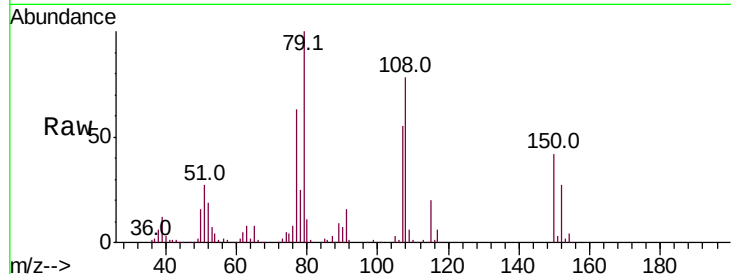
#15
Benzyl Alcohol
Concen: 44.142 ng
RT: 7.10 min Scan# 852
Delta R.T. 0.00 min
Lab File: BF110464.D
Acq: 5 Nov 2018 14:55

Instrument :
BNA_F
ClientSampleId :
HL-R25951-RTMS

Tot Ion	Ratio	Resp	Lower	Upper
79	100			
108	77.6	56.3	84.5	
77	62.7	52.9	79.3	

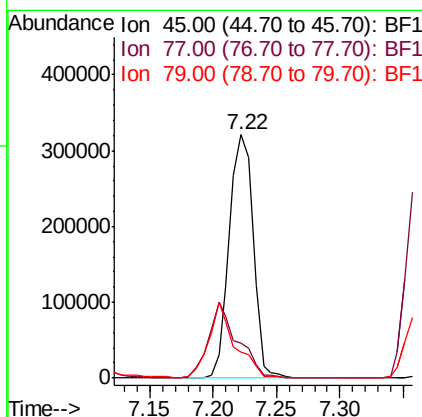
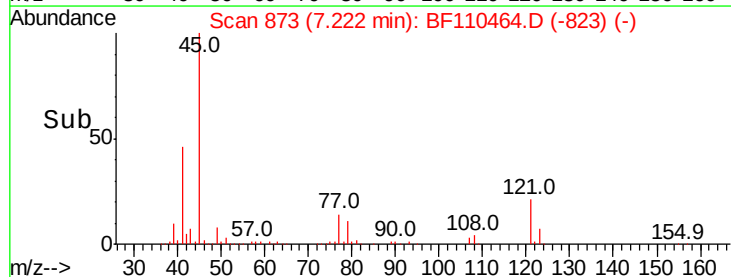
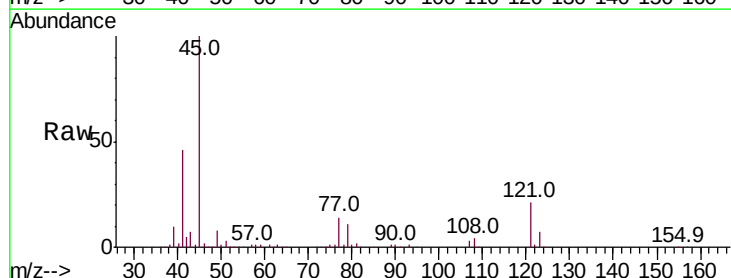
Manual Integrations
APPROVED

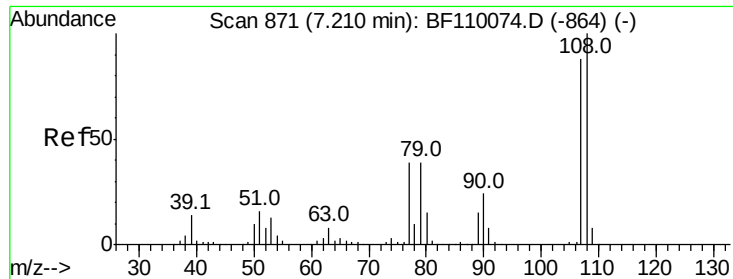
Sohil
11/6/2018 9:00:55 AM



#16
2,2'-oxybis(1-chloropropane)
Concen: 40.747 ng
RT: 7.22 min Scan# 873
Delta R.T. -0.01 min
Lab File: BF110464.D
Acq: 5 Nov 2018 14:55

Tgt Ion	Ratio	Resp	Lower	Upper
45	100			
77	14.2	10.0	50.0	
79	10.9	6.1	46.1	





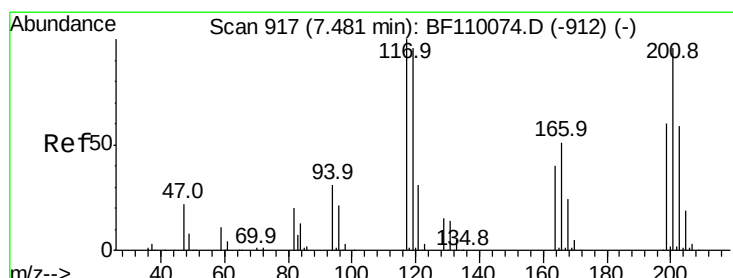
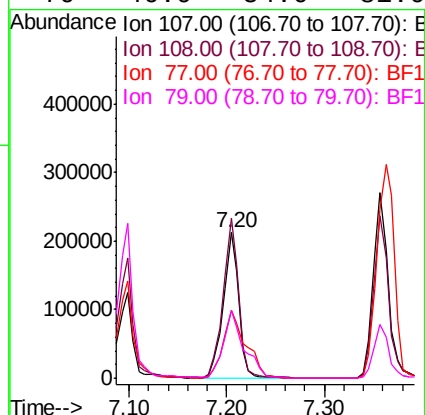
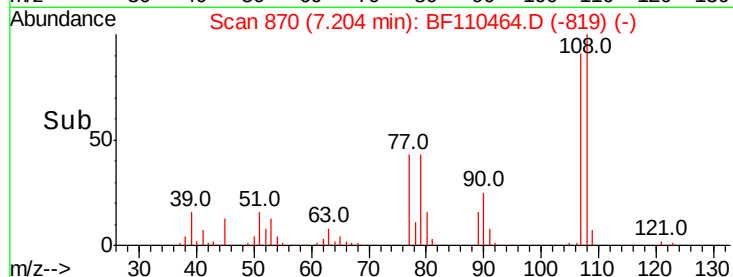
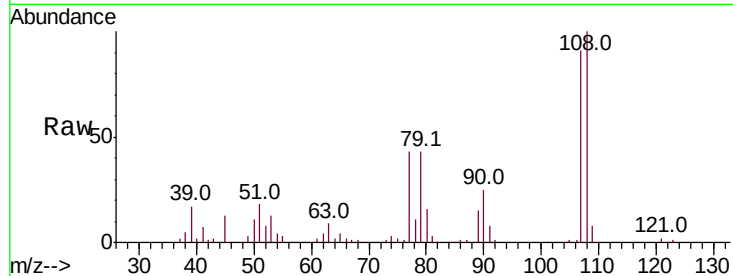
#17
2-Methylphenol
Concen: 44.800 ng
RT: 7.20 min Scan# 870
Delta R.T. 0.00 min
Lab File: BF110464.D
Acq: 5 Nov 2018 14:55

Instrument :
BNA_F
ClientSampleId :
HL-R25951-RTMS

Tot Ion	Ratio	Lower	Upper
107	100		
108	110.2	92.6	138.8
77	47.0	59.4	89.2#
79	46.9	54.0	81.0#

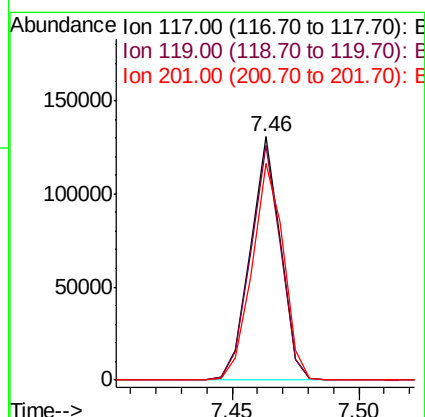
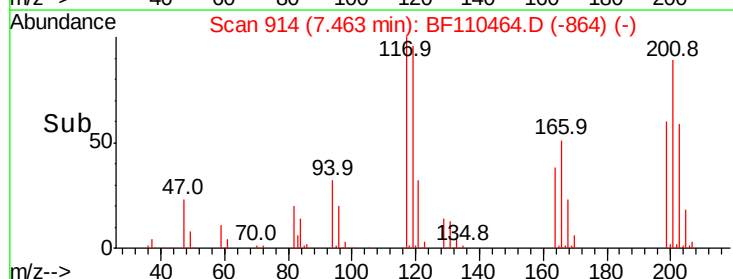
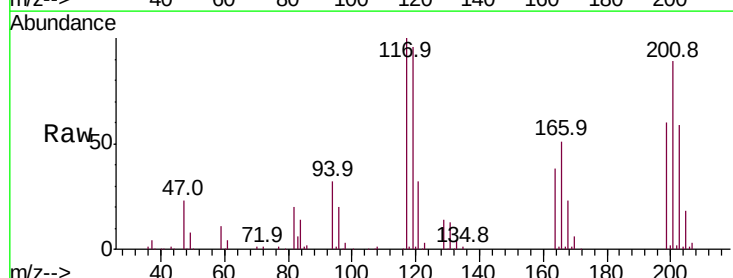
Manual Integrations
APPROVED

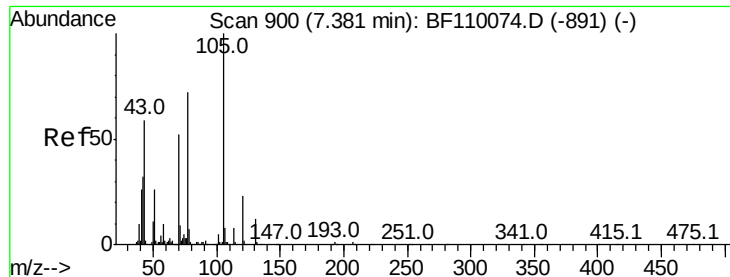
Sohil
11/6/2018 9:00:55 AM



#18
Hexachloroethane
Concen: 40.241 ng
RT: 7.46 min Scan# 914
Delta R.T. -0.01 min
Lab File: BF110464.D
Acq: 5 Nov 2018 14:55

Tgt Ion	Ratio	Lower	Upper
117	100		
119	96.3	75.0	112.6
201	88.8	79.2	118.8





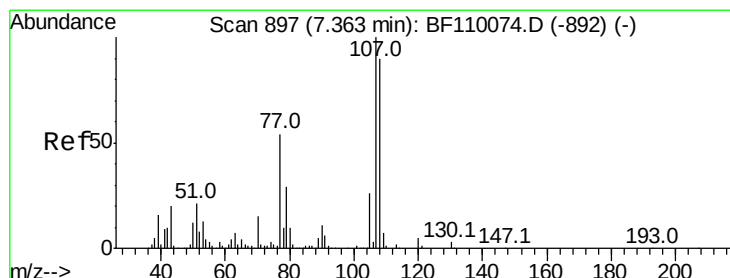
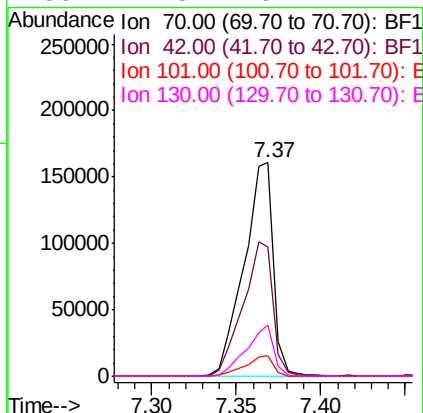
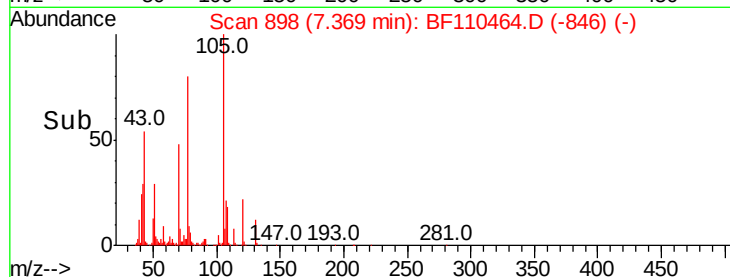
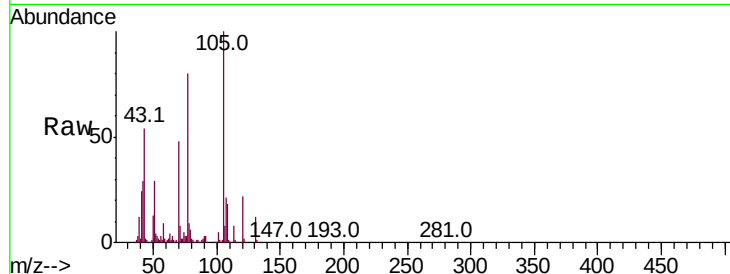
#19
n-Nitroso-di-n-propylamine
Concen: 41.735 ng
RT: 7.37 min Scan# 898
Delta R.T. 0.01 min
Lab File: BF110464.D
Acq: 5 Nov 2018 14:55

Instrument :
BNA_F
ClientSampleId :
HL-R25951-RTMS

Tot Ion	Ratio	Lower	Upper
70	100		
42	60.4	47.4	71.2
101	9.6	7.3	10.9
130	24.3	16.2	24.2#

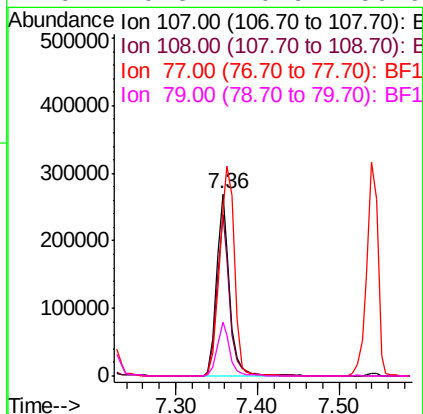
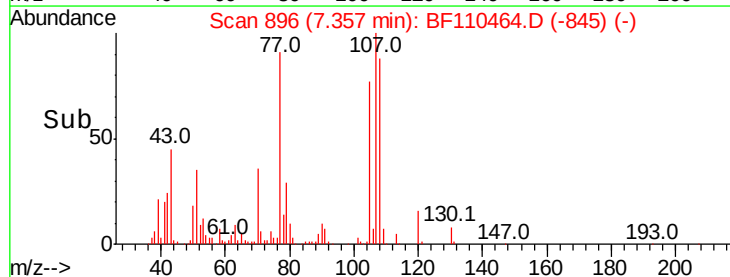
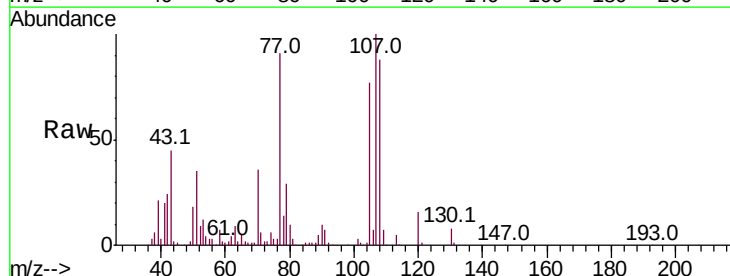
Manual Integrations
APPROVED

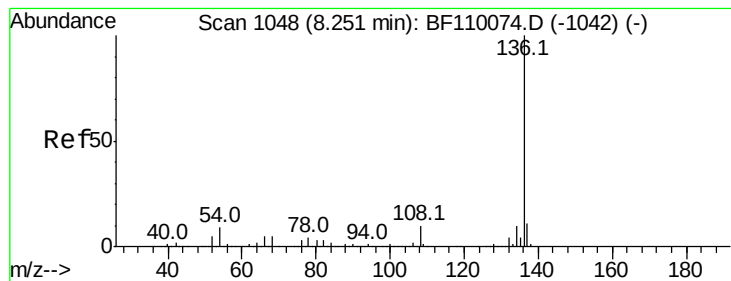
Sohil
11/6/2018 9:00:55 AM



#20
3+4-Methylphenols
Concen: 43.703 ng
RT: 7.36 min Scan# 896
Delta R.T. 0.00 min
Lab File: BF110464.D
Acq: 5 Nov 2018 14:55

Tgt Ion	Ratio	Lower	Upper
107	100		
108	88.1	71.4	111.4
77	91.1	47.3	87.3#
79	29.3	10.9	50.9





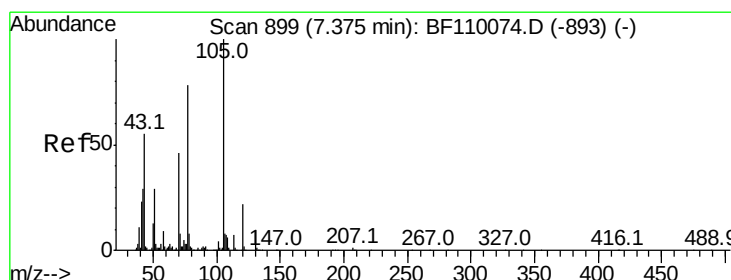
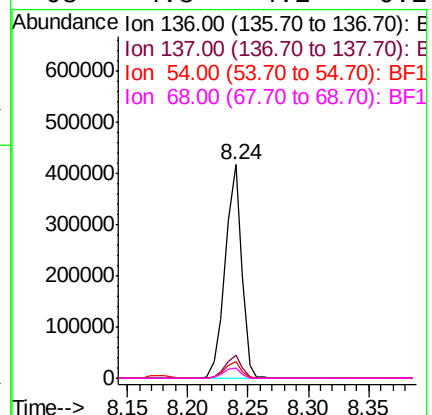
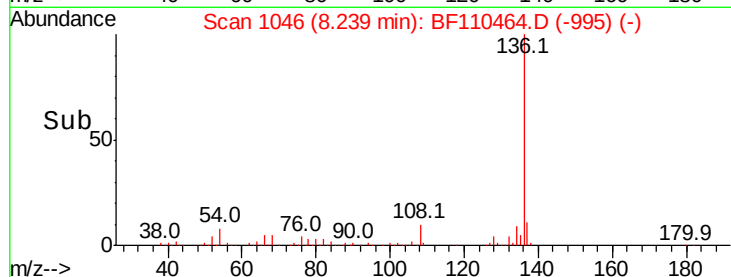
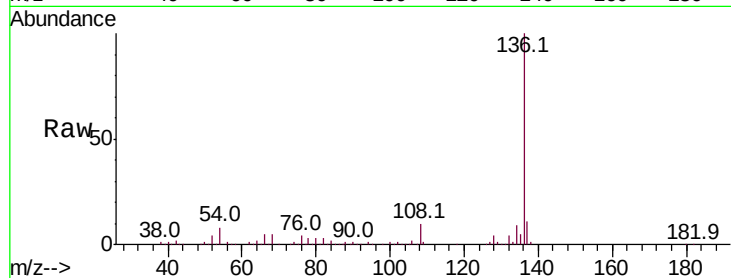
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.24 min Scan# 1046
Delta R.T. 0.00 min
Lab File: BF110464.D
Acq: 5 Nov 2018 14:55

Instrument :
BNA_F
ClientSampleId :
HL-R25951-RTMS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
136	100				
137	10.7		8.8	13.2	
54	7.7		5.4	8.2	
68	4.8		4.2	6.2	

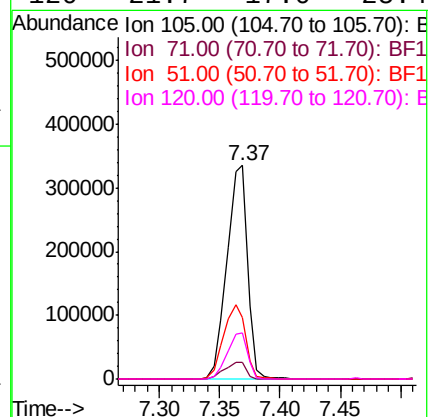
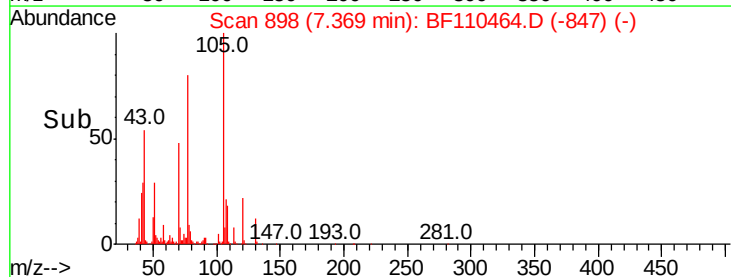
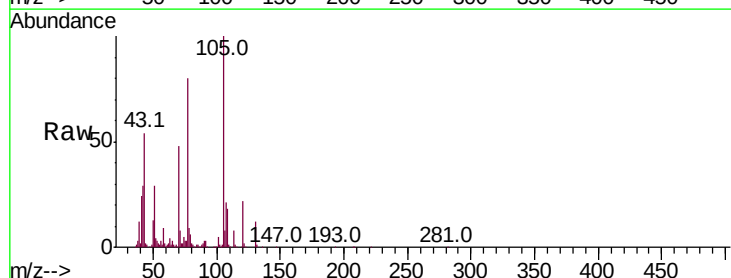
Manual Integrations
APPROVED

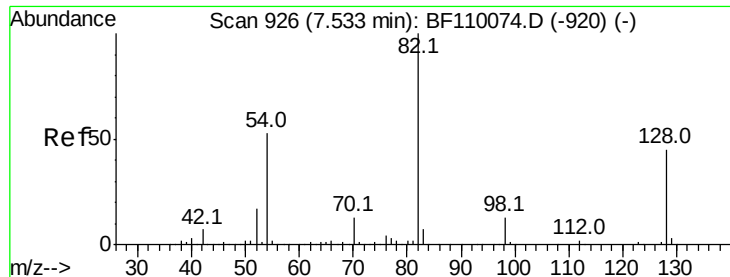
Sohil
11/6/2018 9:00:55 AM



#22
Acetophenone
Concen: 43.978 ng
RT: 7.37 min Scan# 898
Delta R.T. 0.00 min
Lab File: BF110464.D
Acq: 5 Nov 2018 14:55

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
105	100				
71	7.6		5.2	7.8	
51	28.9		21.8	32.8	
120	21.7		17.0	25.4	





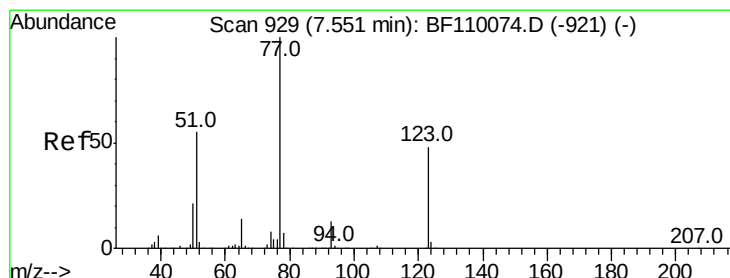
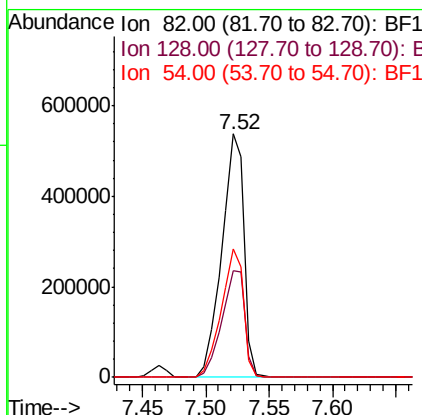
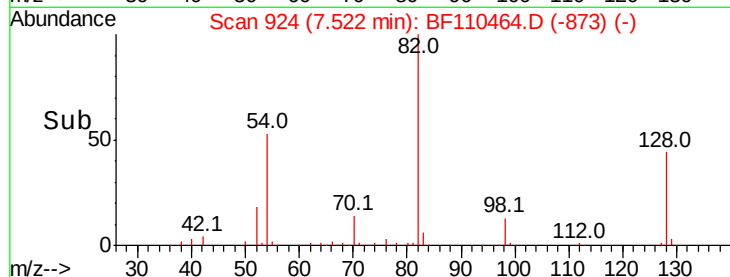
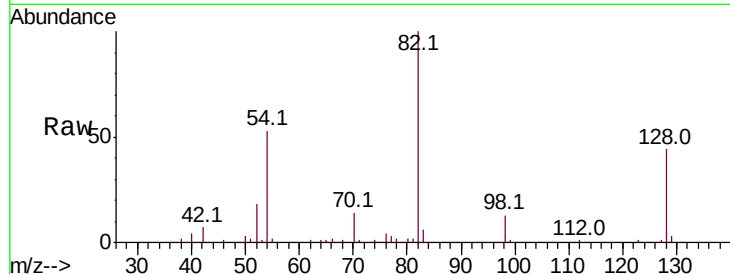
#23
Nitrobenzene-d5
Concen: 98.571 ng
RT: 7.52 min Scan# 924
Delta R.T. 0.00 min
Lab File: BF110464.D
Acq: 5 Nov 2018 14:55

Instrument :
BNA_F
ClientSampleId :
HL-R25951-RTMS

Tot Ion	Ratio	Lower	Upper
82	100		
128	43.7	34.2	51.2
54	52.7	38.6	58.0

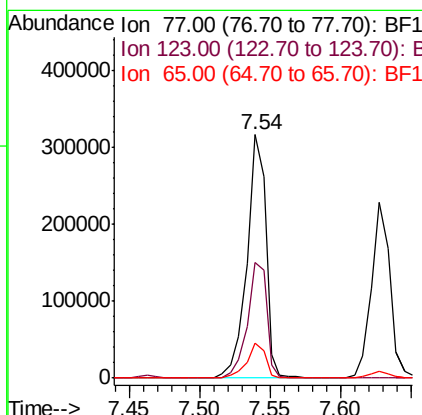
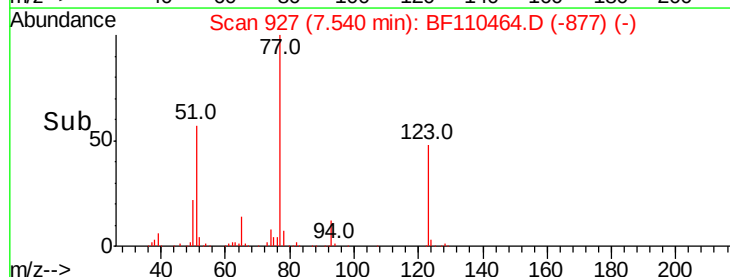
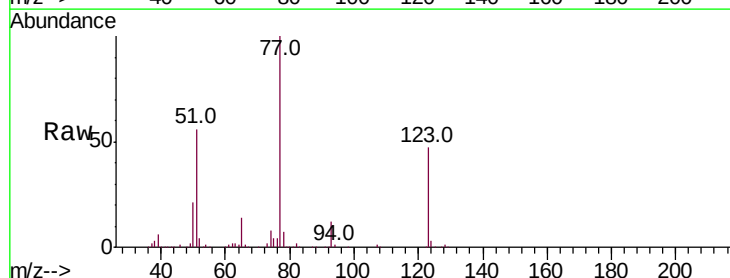
Manual Integrations
APPROVED

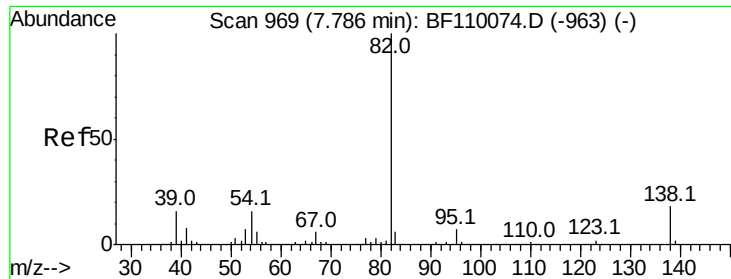
Sohil
11/6/2018 9:00:55 AM



#24
Nitrobenzene
Concen: 43.334 ng
RT: 7.54 min Scan# 927
Delta R.T. -0.01 min
Lab File: BF110464.D
Acq: 5 Nov 2018 14:55

Tgt Ion	Ratio	Lower	Upper
77	100		
123	47.4	35.7	53.5
65	14.3	10.7	16.1





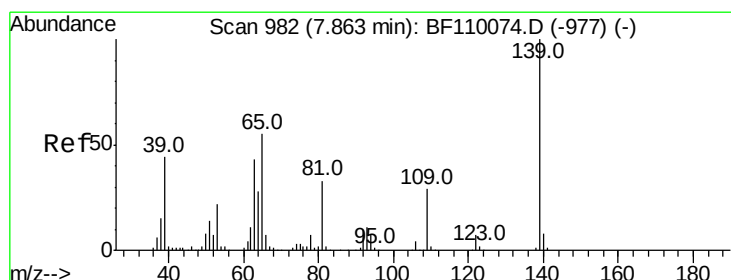
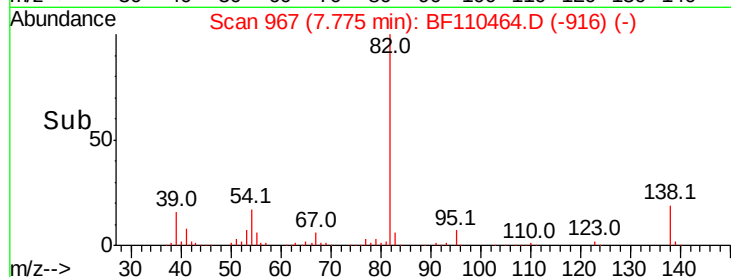
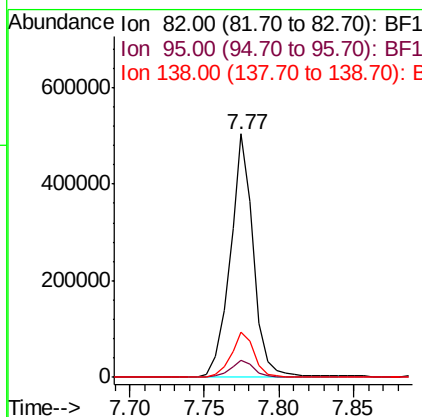
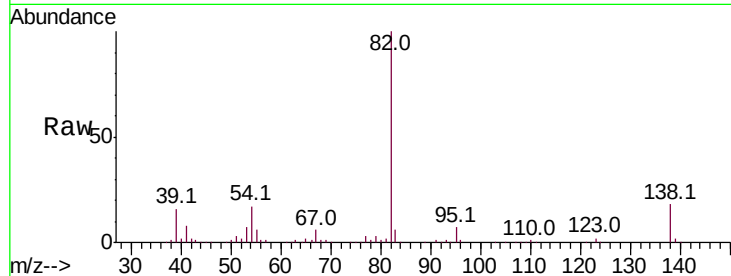
#25
Isophorone
Concen: 48.832 ng
RT: 7.77 min Scan# 967
Delta R.T. 0.00 min
Lab File: BF110464.D
Acq: 5 Nov 2018 14:55

Instrument :
BNA_F
ClientSampleId :
HL-R25951-RTMS

Tot Ion	Ratio	Resp	Lower	Upper
82	100	549222		
95	7.2		5.7	8.5
138	18.5		13.2	19.8

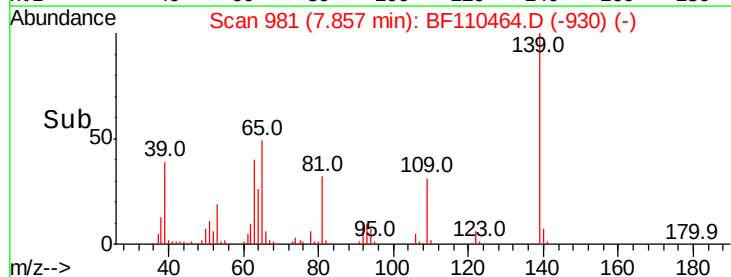
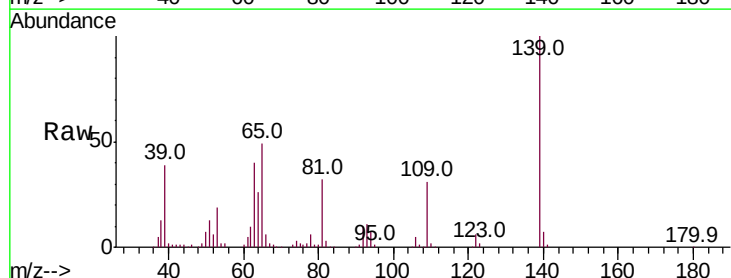
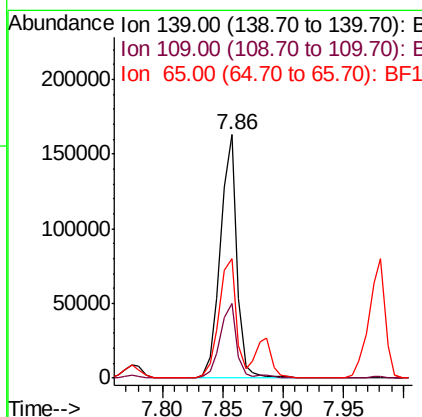
Manual Integrations
APPROVED

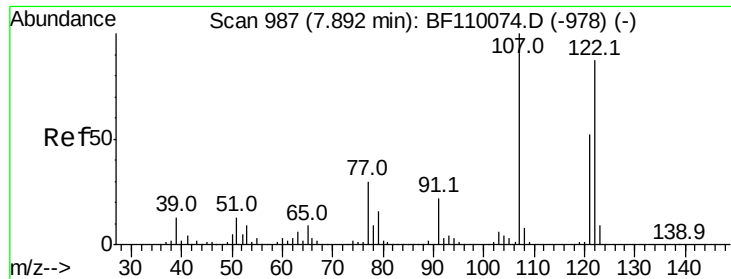
Sohil
11/6/2018 9:00:55 AM



#26
2-Nitrophenol
Concen: 47.089 ng
RT: 7.86 min Scan# 981
Delta R.T. 0.00 min
Lab File: BF110464.D
Acq: 5 Nov 2018 14:55

Tgt Ion	Ratio	Resp	Lower	Upper
139	100	152644		
109	30.6		25.0	37.6
65	49.1		44.0	66.0





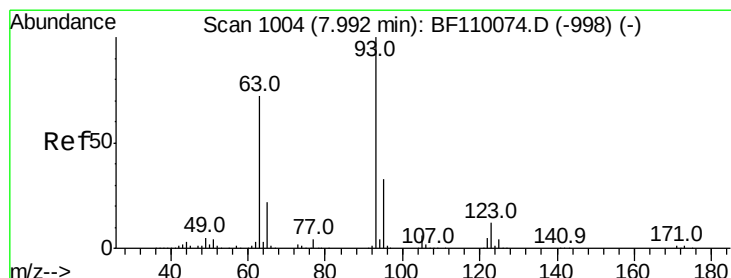
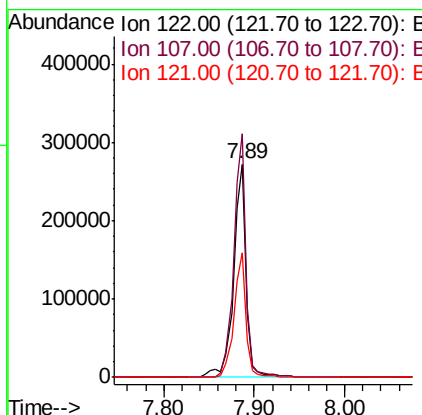
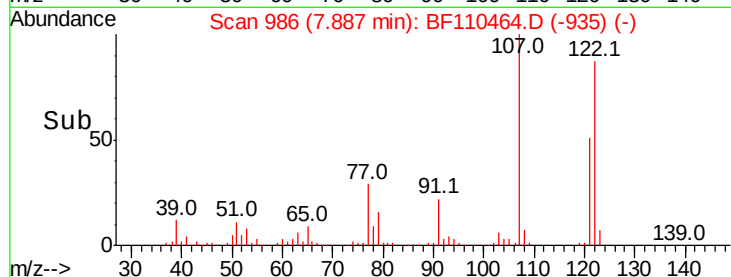
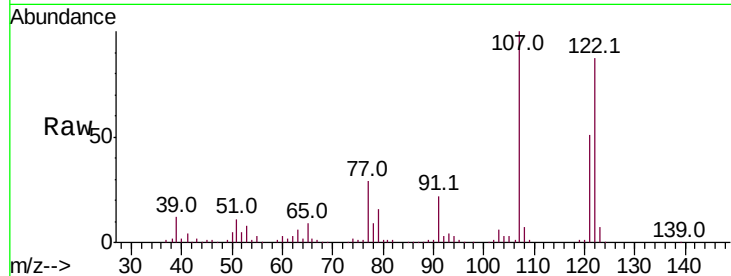
#27
2,4-Dimethylphenol
Concen: 49.462 ng
RT: 7.89 min Scan# 986
Delta R.T. 0.00 min
Lab File: BF110464.D
Acq: 5 Nov 2018 14:55

Instrument :
BNA_F
ClientSampleId :
HL-R25951-RTMS

Tot Ion	Ratio	Lower	Upper
122	100		
107	114.3	92.5	138.7
121	58.4	45.8	68.8

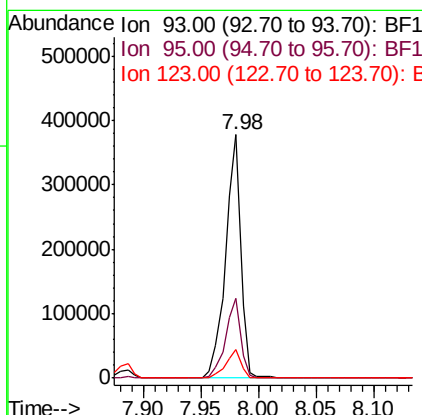
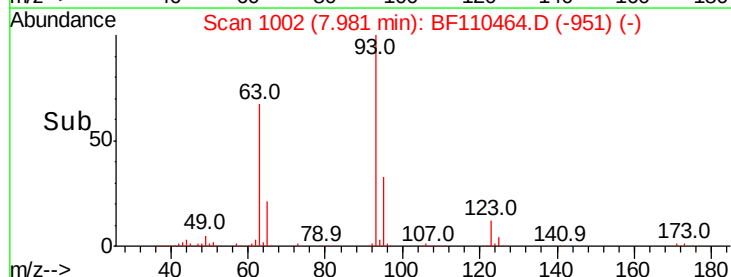
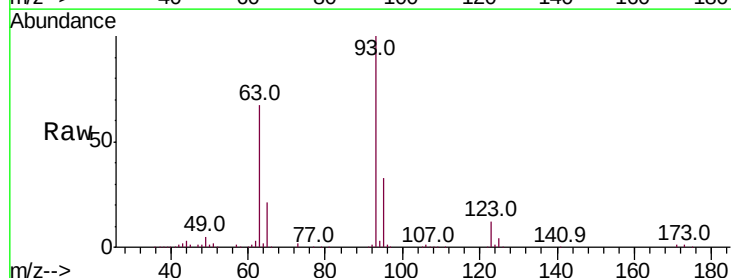
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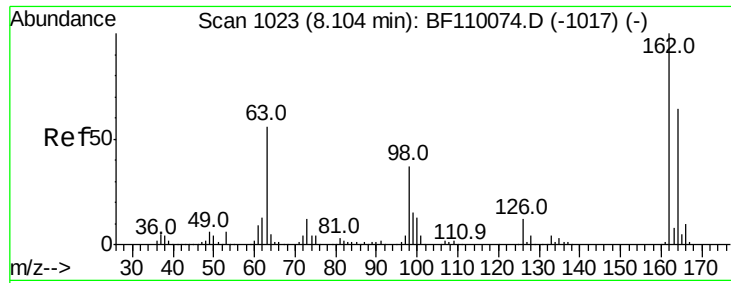
Sohil
11/6/2018 9:00:55 AM



#28
bis(2-Chloroethoxy)methane
Concen: 45.275 ng
RT: 7.98 min Scan# 1002
Delta R.T. 0.00 min
Lab File: BF110464.D
Acq: 5 Nov 2018 14:55

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.9	26.4	39.6
123	11.7	9.0	13.6





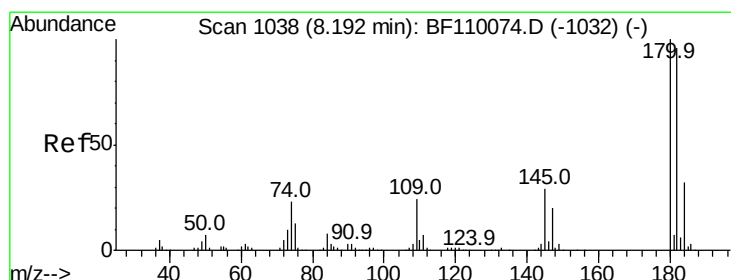
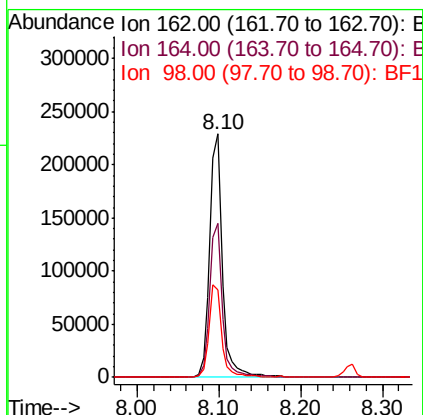
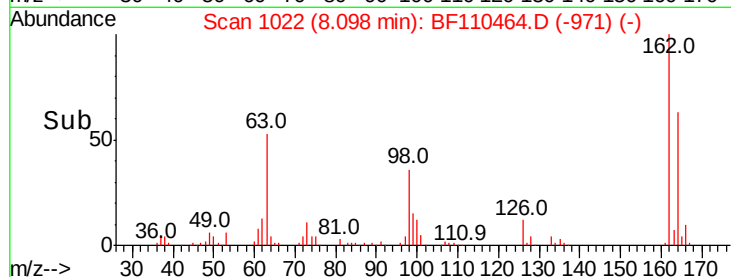
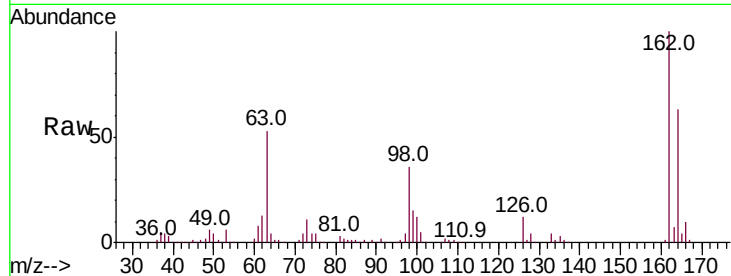
#29
 2,4-Dichlorophenol
 Concen: 45.353 ng
 RT: 8.10 min Scan# 1022
 Delta R.T. 0.00 min
 Lab File: BF110464.D
 Acq: 5 Nov 2018 14:55

Instrument :
 BNA_F
 ClientSampleId :
 HL-R25951-RTMS

Tot Ion	Ratio	Resp	Lower	Upper
162	100	246254		
164	63.2	44.6	84.6	
98	36.1	17.4	57.4	

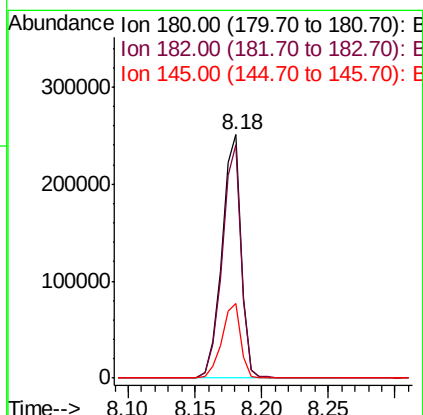
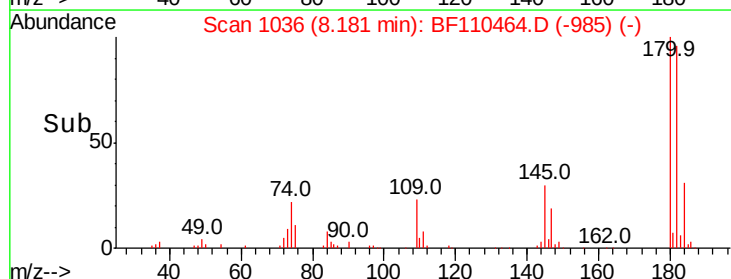
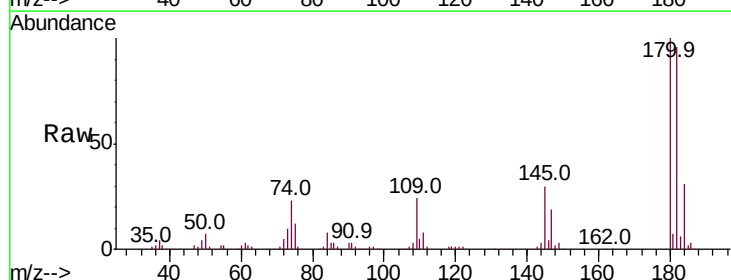
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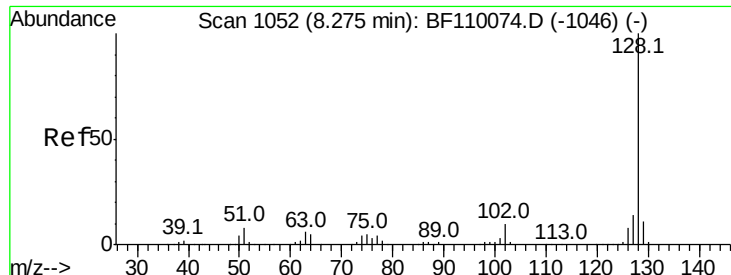
Sohil
 11/6/2018 9:00:55 AM



#30
 1,2,4-Trichlorobenzene
 Concen: 41.927 ng
 RT: 8.18 min Scan# 1036
 Delta R.T. 0.00 min
 Lab File: BF110464.D
 Acq: 5 Nov 2018 14:55

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	254998		
182	95.9	80.3	120.5	
145	30.5	25.4	38.0	





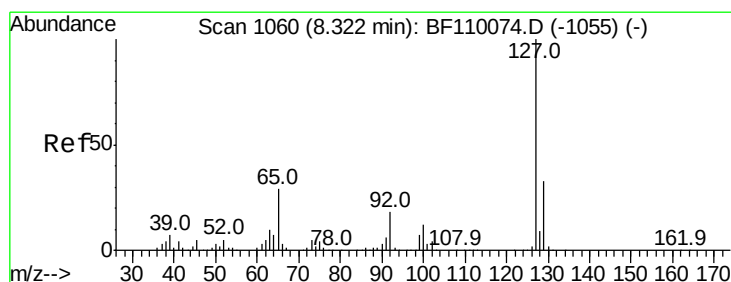
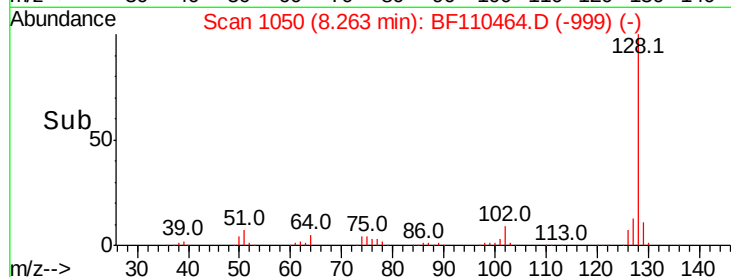
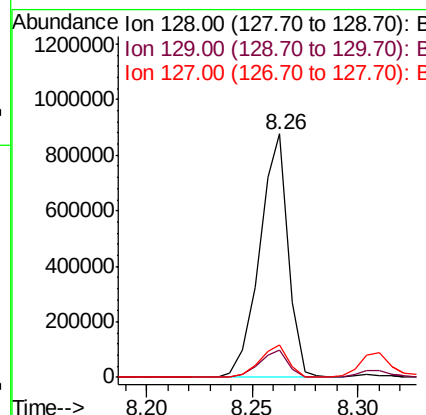
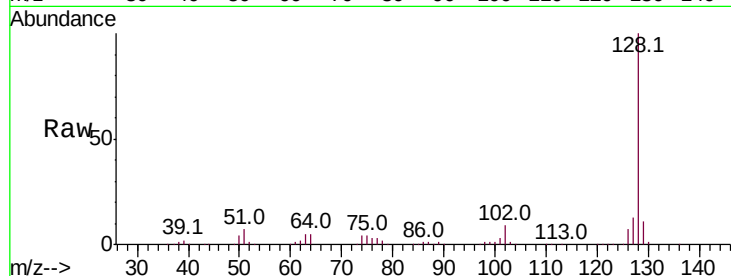
#31
Naphthalene
Concen: 45.794 ng
RT: 8.26 min Scan# 1050
Delta R.T. 0.00 min
Lab File: BF110464.D
Acq: 5 Nov 2018 14:55

Instrument :
BNA_F
ClientSampleId :
HL-R25951-RTMS

Tot Ion	Ratio	Lower	Upper
128	100		
129	11.2	8.8	13.2
127	13.5	10.8	16.2

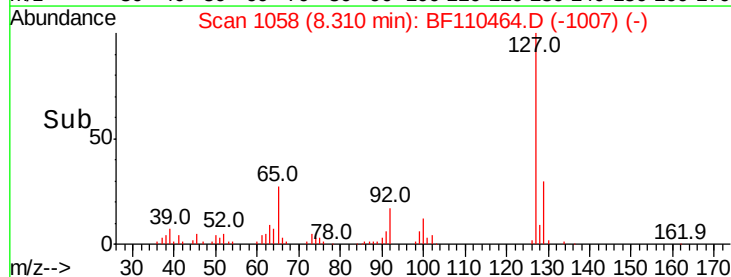
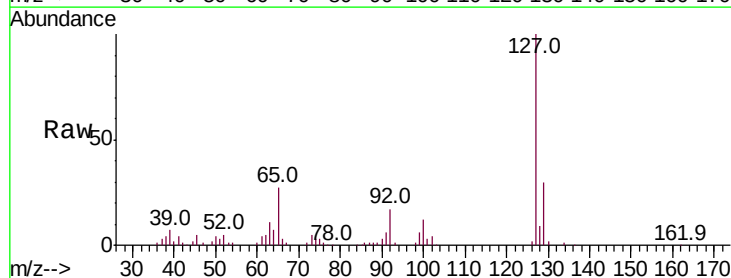
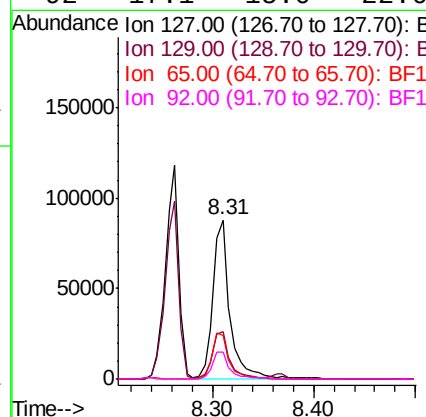
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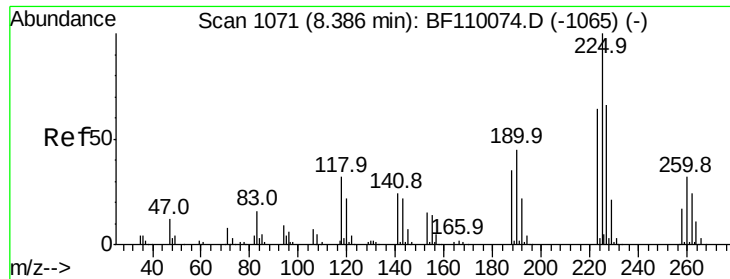
Sohil
11/6/2018 9:00:55 AM



#33
4-Chloroaniline
Concen: 12.591 ng
RT: 8.31 min Scan# 1058
Delta R.T. 0.00 min
Lab File: BF110464.D
Acq: 5 Nov 2018 14:55

Tgt Ion	Ratio	Lower	Upper
127	100		
129	29.9	26.0	39.0
65	27.4	25.1	37.7
92	17.1	15.0	22.6





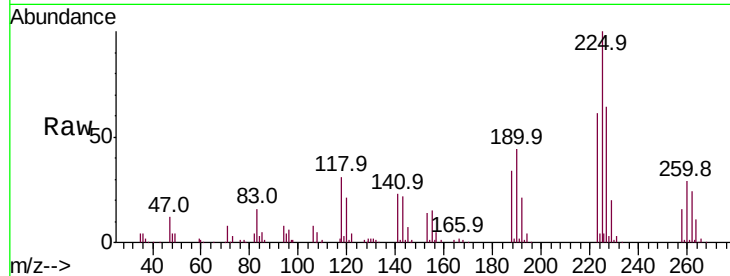
#34
Hexachlorobutadiene
Concen: 41.440 ng
RT: 8.37 min Scan# 1068
Delta R.T. 0.00 min
Lab File: BF110464.D
Acq: 5 Nov 2018 14:55

Instrument :
BNA_F
ClientSampleId :
HL-R25951-RTMS

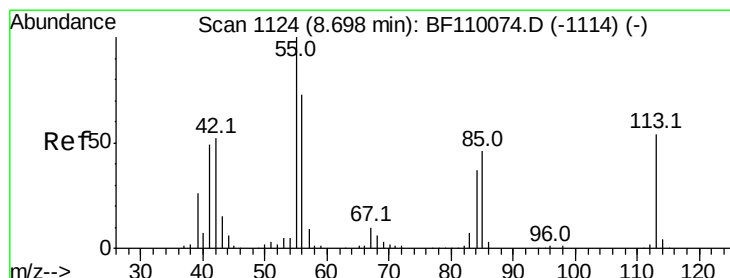
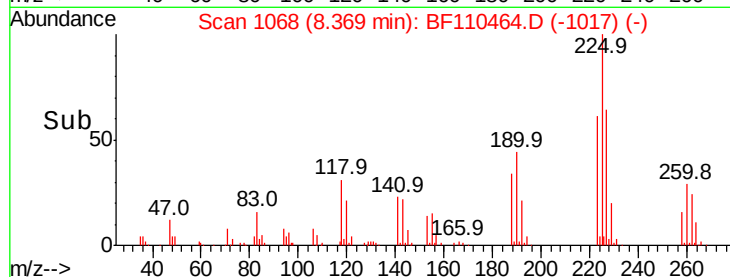
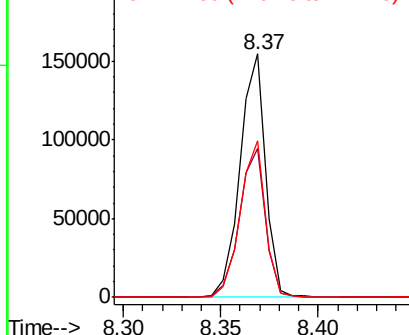
Tot Ion	Ratio	Resp	Lower	Upper
225	100	139938		
223	61.3		51.4	77.2
227	64.2		51.0	76.6

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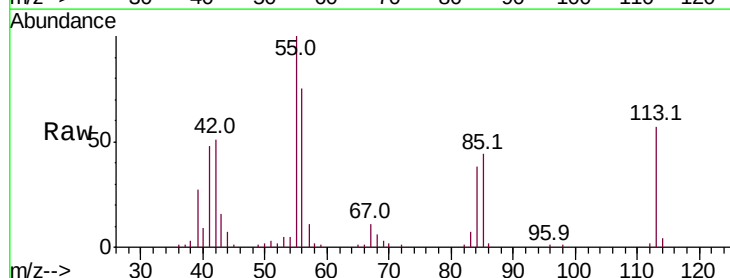


Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E

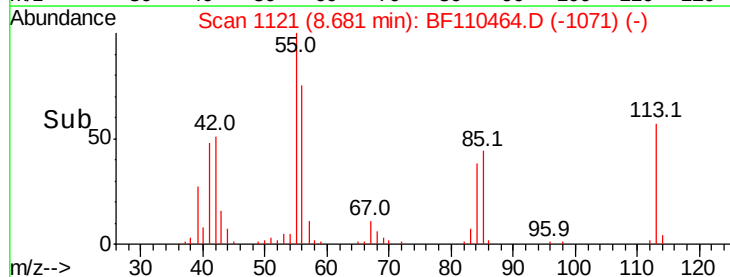
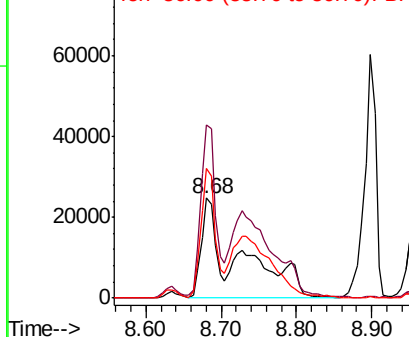


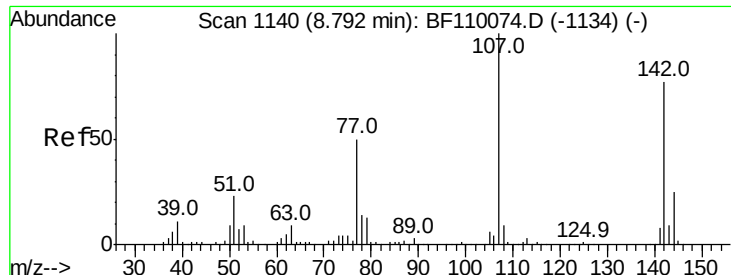
#35
Caprolactam
Concen: 44.162 ng m
RT: 8.68 min Scan# 1121
Delta R.T. -0.01 min
Lab File: BF110464.D
Acq: 5 Nov 2018 14:55

Tgt Ion	Ratio	Resp	Lower	Upper
113	100	83575		
55	174.1		142.8	182.8
56	129.8		105.0	145.0



Abundance Ion 113.00 (112.70 to 113.70): E
Ion 55.00 (54.70 to 55.70): BF1
Ion 56.00 (55.70 to 56.70): BF1





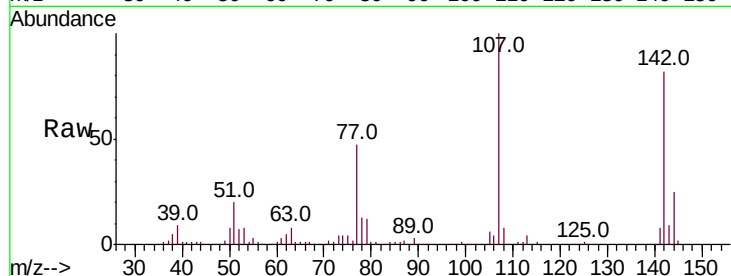
#36
 4-Chloro-3-methylphenol
 Concen: 45.638 ng
 RT: 8.80 min Scan# 1141
 Delta R.T. 0.01 min
 Lab File: BF110464.D
 Acq: 5 Nov 2018 14:55

Instrument :
 BNA_F
 ClientSampleId :
 HL-R25951-RTMS

Tot Ion	Ratio	Lower	Upper
107	100		
144	25.4	20.0	30.0
142	81.8	59.7	89.5

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 11/6/2018 9:00:55 AM

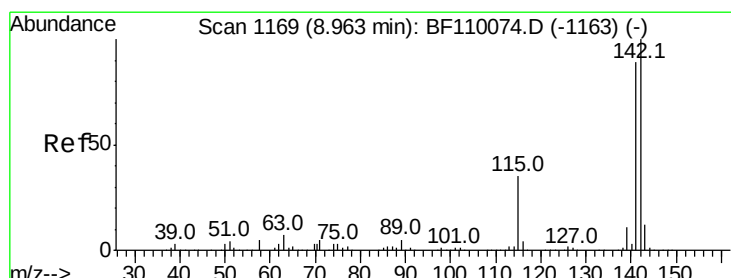
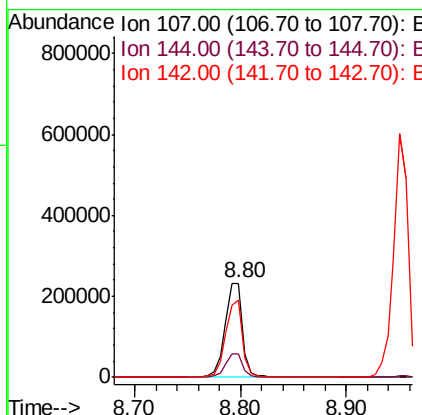
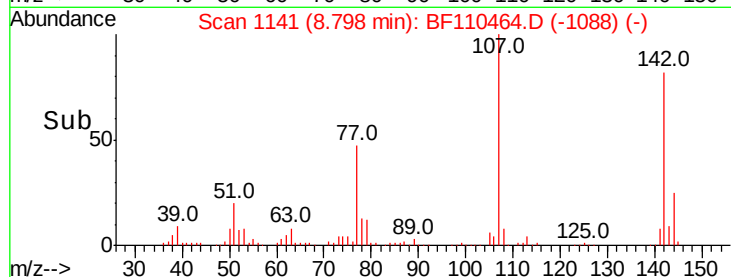


Abundance

Ion 107.00 (106.70 to 107.70): E

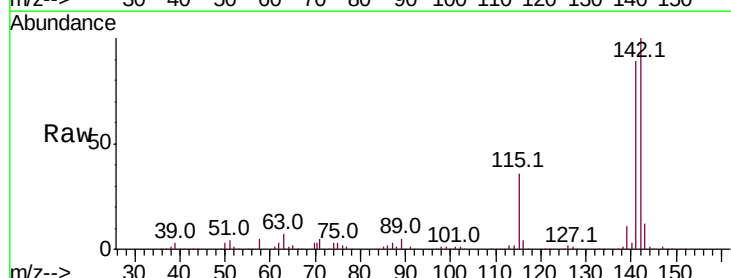
Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E



#37
 2-Methylnaphthalene
 Concen: 48.215 ng
 RT: 8.95 min Scan# 1167
 Delta R.T. 0.00 min
 Lab File: BF110464.D
 Acq: 5 Nov 2018 14:55

Tgt Ion	Ratio	Lower	Upper
142	100		
141	89.0	71.4	107.2
115	35.6	28.7	43.1

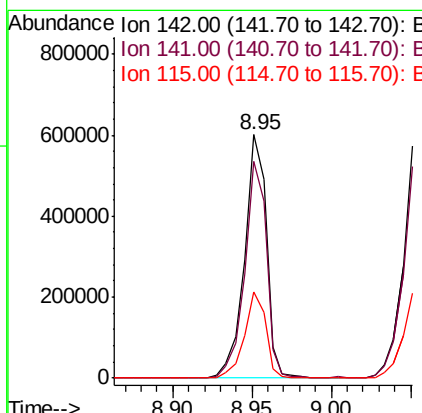
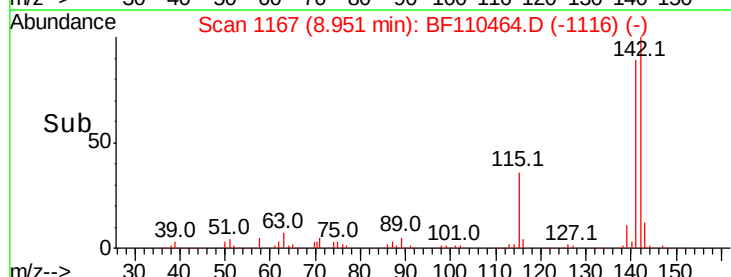


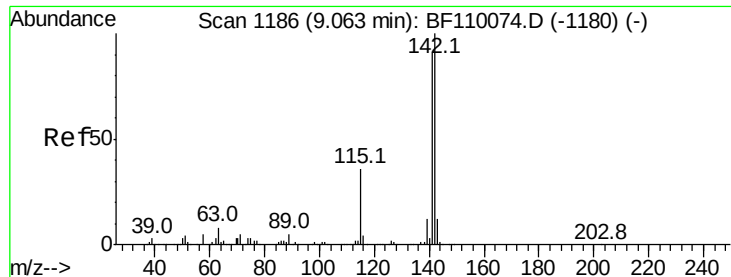
Abundance

Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E





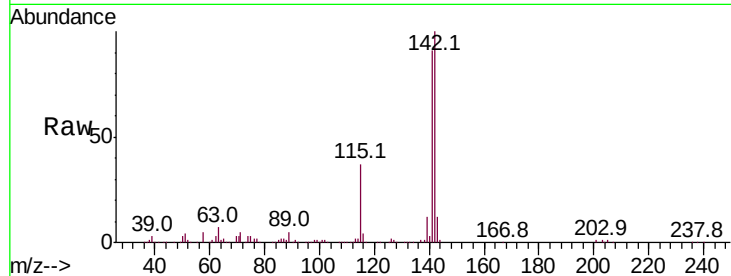
#38
1-Methylnaphthalene
Concen: 47.572 ng m
RT: 9.05 min Scan# 1184
Delta R.T. -0.01 min
Lab File: BF110464.D
Acq: 5 Nov 2018 14:55

Instrument :
BNA_F
ClientSampleId :
HL-R25951-RTMS

Tot Ion	Ratio	Resp	Lower	Upper
142	100	548621		
141	91.1	74.2	111.4	
116	4.0	2.6	4.0#	

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Sohil
11/6/2018 9:00:55 AM

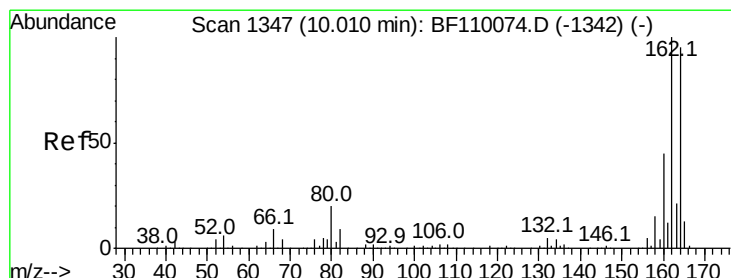
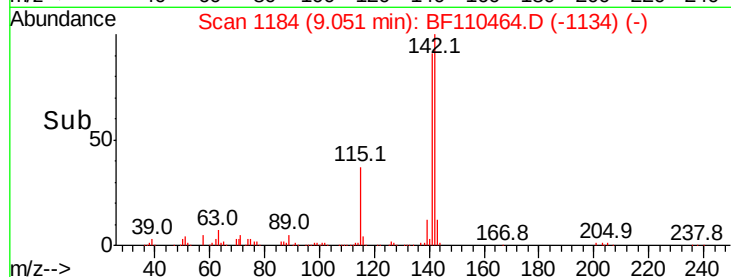
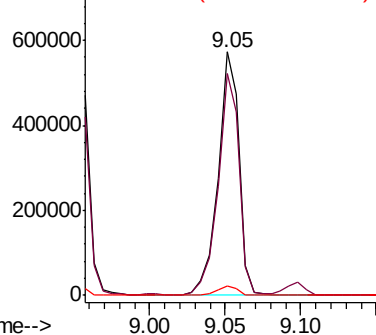


Abundance

Ion 142.00 (141.70 to 142.70): E

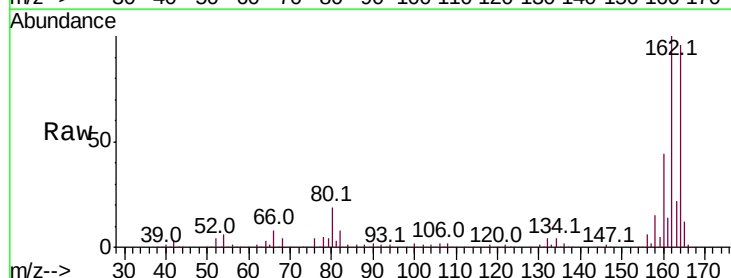
Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.00 min Scan# 1345
Delta R.T. 0.00 min
Lab File: BF110464.D
Acq: 5 Nov 2018 14:55

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	191442		
162	104.1	83.0	124.6	
160	45.7	37.0	55.6	

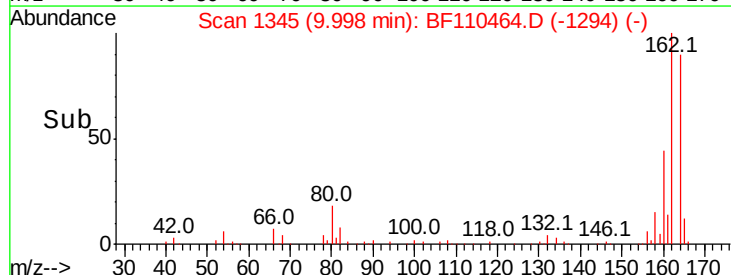
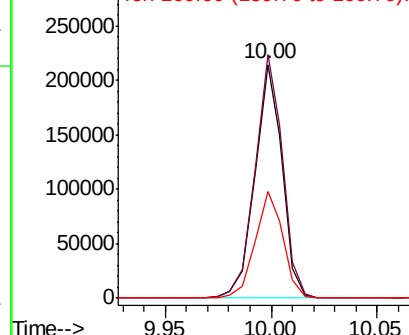


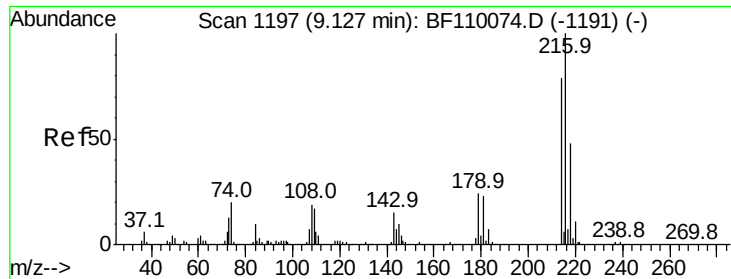
Abundance

Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E





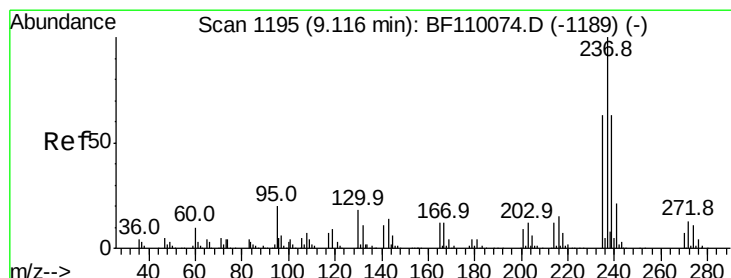
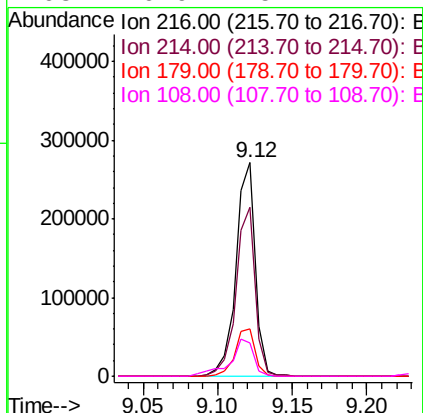
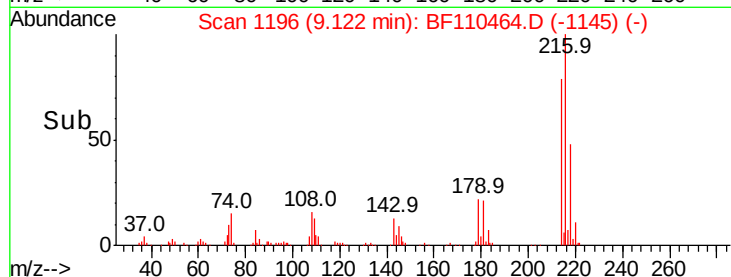
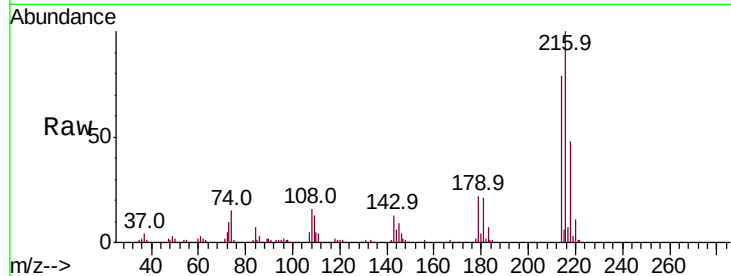
#40
1,2,4,5-Tetrachlorobenzene
Concen: 41.454 ng
RT: 9.12 min Scan# 1196
Delta R.T. 0.00 min
Lab File: BF110464.D
Acq: 5 Nov 2018 14:55

Instrument :
BNA_F
ClientSampleId :
HL-R25951-RTMS

Tot Ion	Ratio	Resp Lower	Upper
216	100		
214	78.8	63.8	95.6
179	23.0	16.6	25.0
108	20.9	15.1	22.7

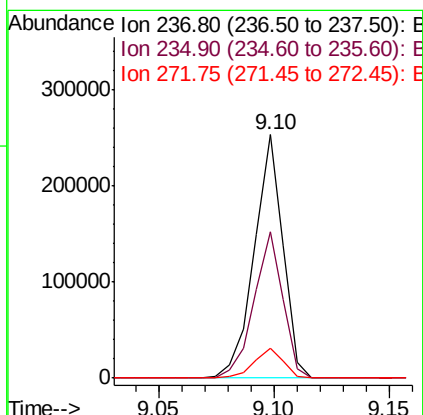
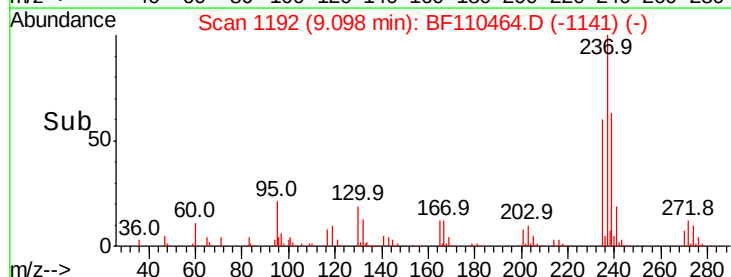
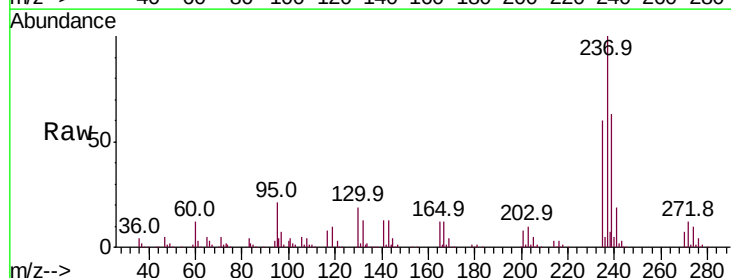
Manual Integrations
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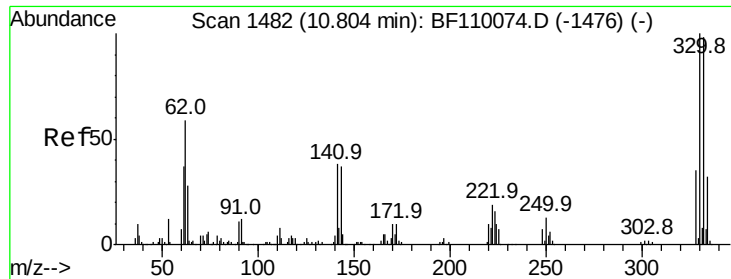
Sohil
11/6/2018 9:00:55 AM



#41
Hexachlorocyclopentadiene
Concen: 71.912 ng
RT: 9.10 min Scan# 1192
Delta R.T. 0.00 min
Lab File: BF110464.D
Acq: 5 Nov 2018 14:55

Tgt Ion	Ratio	Resp Lower	Upper
237	100		
235	59.9	43.1	83.1
272	12.2	0.0	32.6





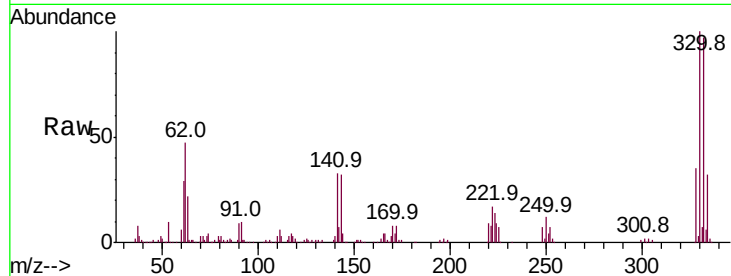
#42
 2,4,6-Tribromophenol
 Concen: 136.644 ng
 RT: 10.80 min Scan# 1481
 Delta R.T. 0.01 min
 Lab File: BF110464.D
 Acq: 5 Nov 2018 14:55

Instrument :
 BNA_F
 ClientSampleId :
 HL-R25951-RTMS

Tot Ion	Ratio	Resp	Lower	Upper
330	100	259127		
332	97.7	77.1	115.7	
141	38.0	27.0	40.4	

Manual Integrations
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Sohil
 11/6/2018 9:00:55 AM

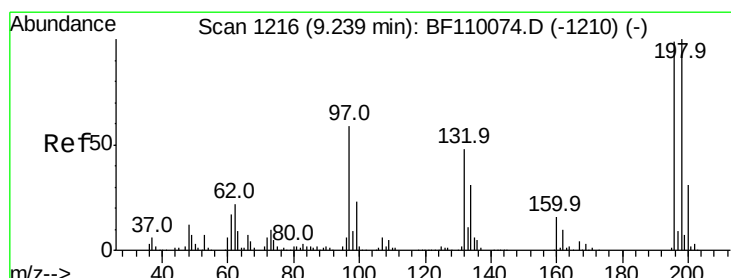
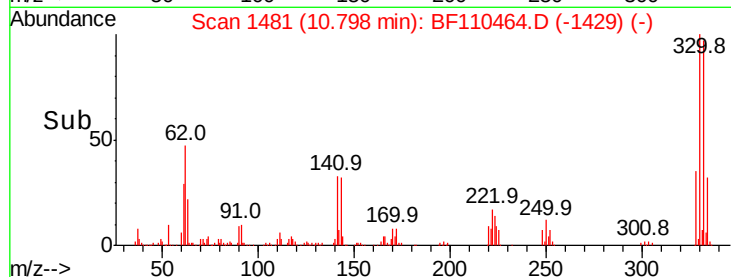
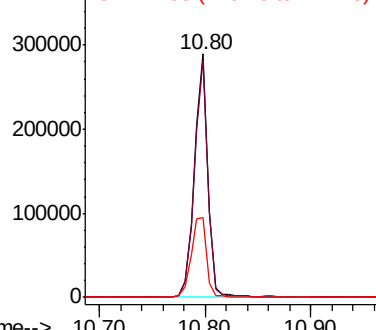


Abundance

Ion 329.80 (329.50 to 330.50): E

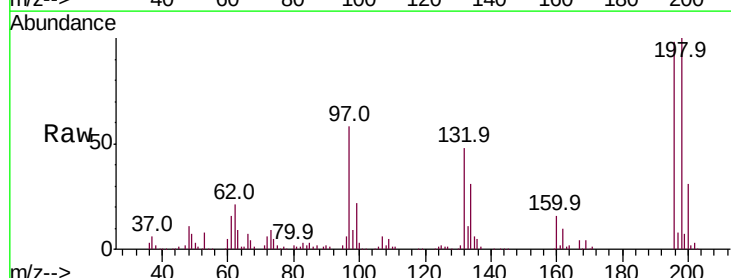
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#43
 2,4,6-Trichlorophenol
 Concen: 43.663 ng
 RT: 9.23 min Scan# 1215
 Delta R.T. 0.00 min
 Lab File: BF110464.D
 Acq: 5 Nov 2018 14:55

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	167987		
198	101.9	76.2	114.4	
200	31.4	24.4	36.6	

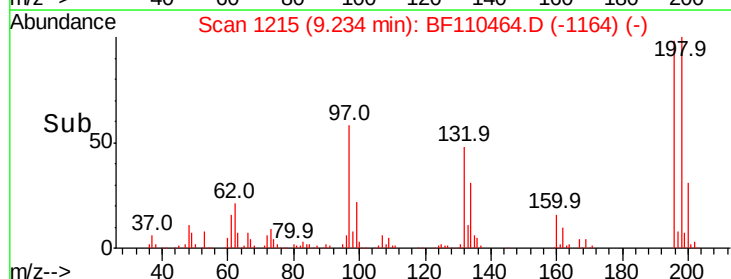
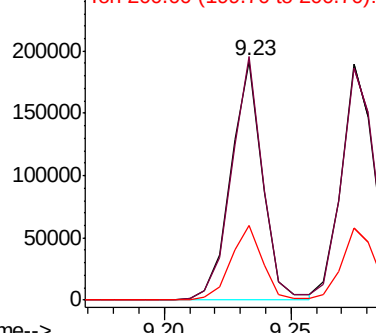


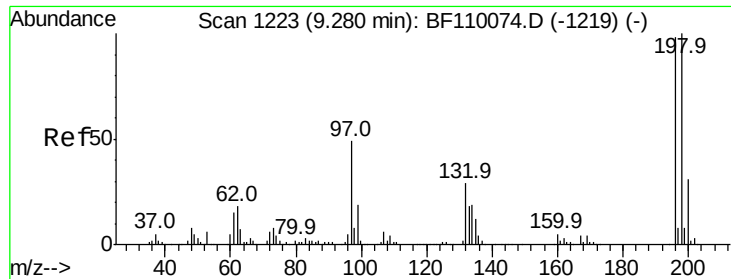
Abundance

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





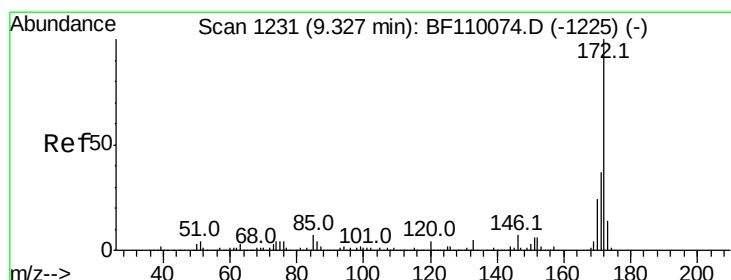
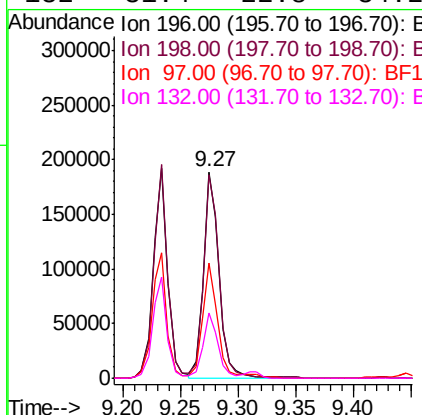
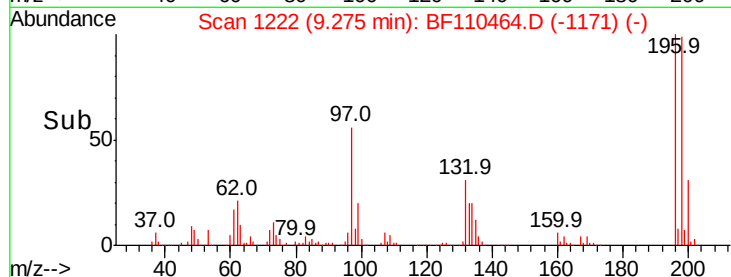
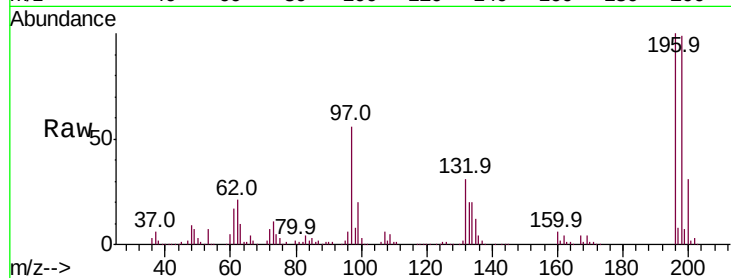
#44
 2,4,5-Trichlorophenol
 Concen: 44.481 ng
 RT: 9.27 min Scan# 1222
 Delta R.T. 0.00 min
 Lab File: BF110464.D
 Acq: 5 Nov 2018 14:55

Instrument :
 BNA_F
 ClientSampleId :
 HL-R25951-RTMS

Tot Ion	Ratio	Resp	Lower	Upper
196	100	180893		
198	98.7	75.8	113.6	
97	56.0	42.4	63.6	
132	31.4	22.8	34.2	

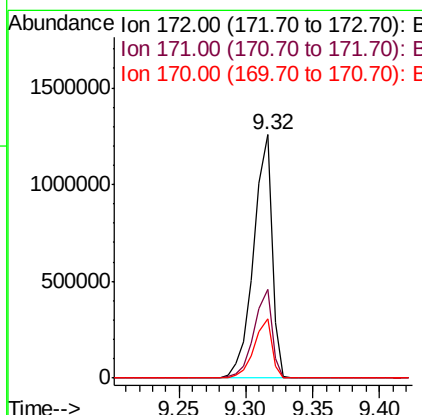
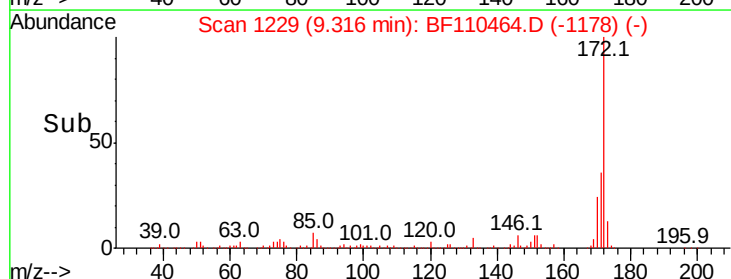
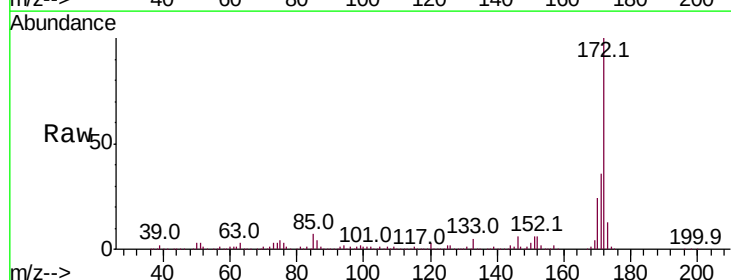
Manual Integrations
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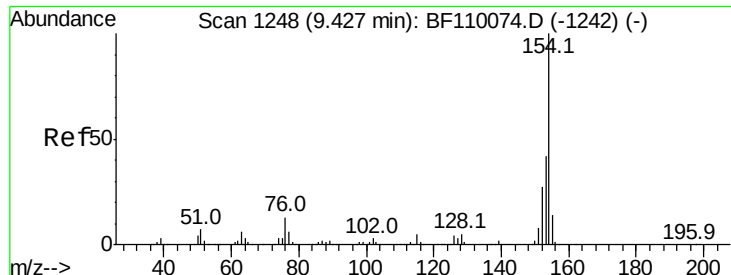
Sohil
 11/6/2018 9:00:55 AM



#45
 2-Fluorobiphenyl
 Concen: 96.916 ng
 RT: 9.32 min Scan# 1229
 Delta R.T. 0.00 min
 Lab File: BF110464.D
 Acq: 5 Nov 2018 14:55

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	1181580		
171	36.4	28.6	43.0	
170	24.2	19.7	29.5	





#46

1,1'-Biphenyl

Concen: 40.151 ng

RT: 9.42 min Scan# 1246

Delta R.T. 0.00 min

Lab File: BF110464.D

Acq: 5 Nov 2018 14:55

Instrument :

BNA_F

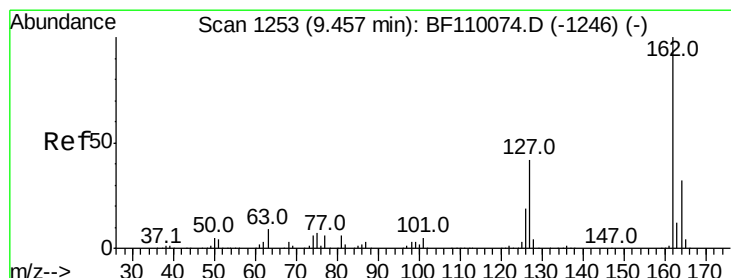
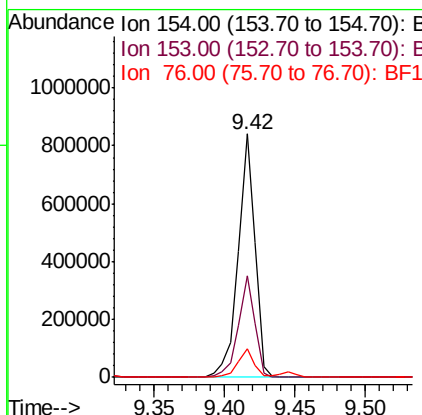
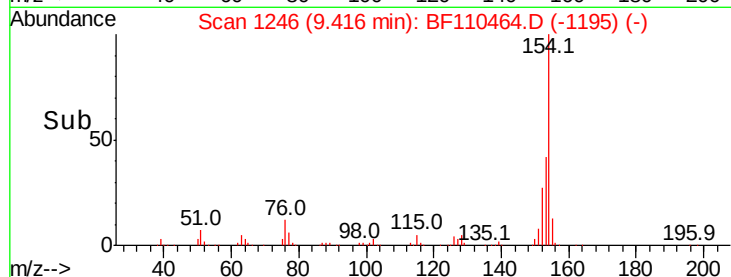
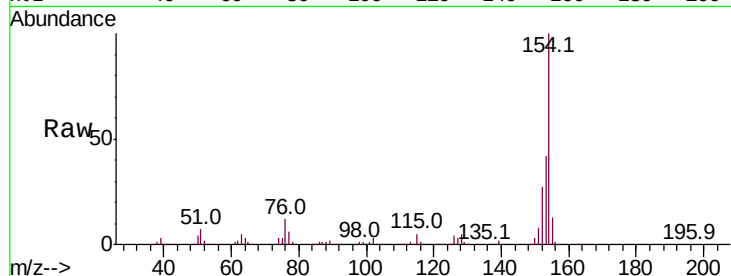
ClientSampleId :

HL-R25951-RTMS

Tot Ion:	154	Resp:	695092
Ion Ratio	Lower	Upper	
154	100		
153	41.8	20.4	60.4
76	11.7	0.0	31.9

Manual Integrations
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11/6/2018 9:00:55 AM



#47

2-Chloronaphthalene

Concen: 42.197 ng

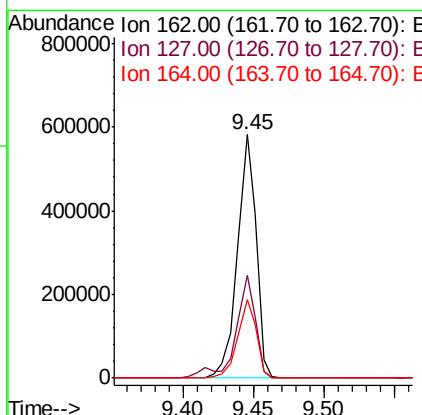
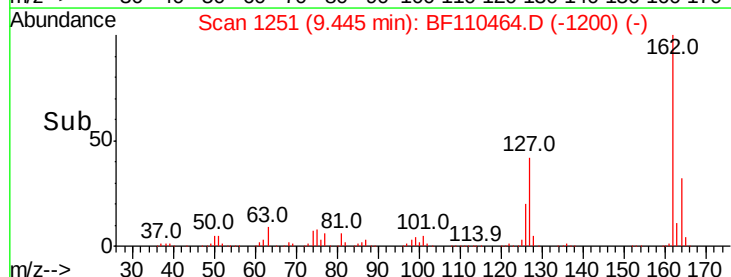
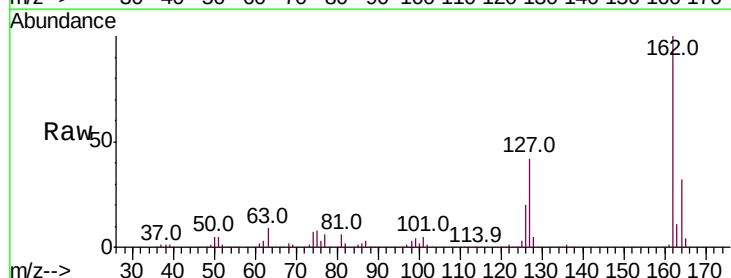
RT: 9.45 min Scan# 1251

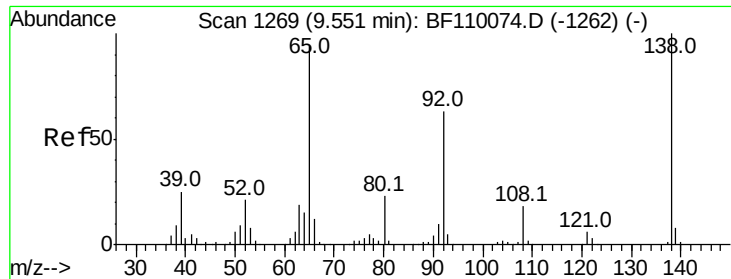
Delta R.T. 0.00 min

Lab File: BF110464.D

Acq: 5 Nov 2018 14:55

Tgt Ion:	162	Resp:	535859
Ion Ratio	Lower	Upper	
162	100		
127	42.1	32.6	48.8
164	32.2	25.9	38.9





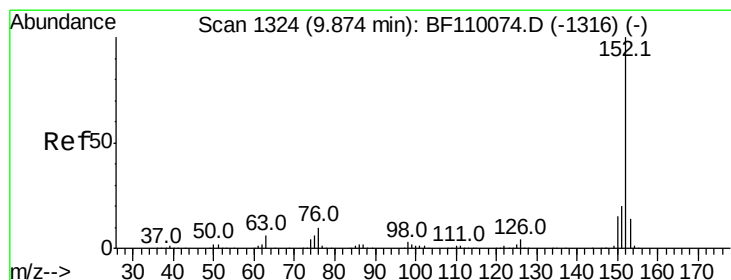
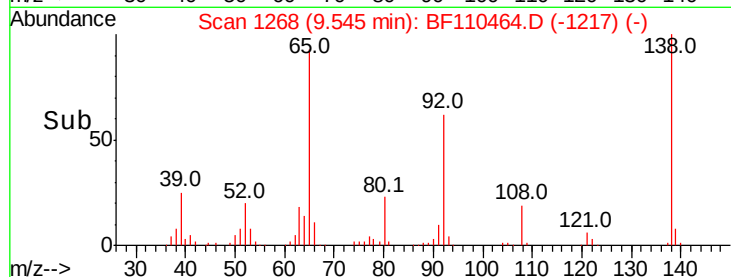
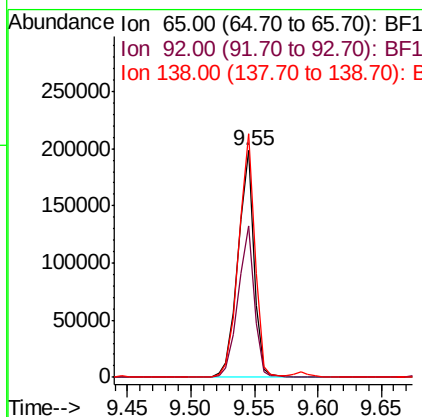
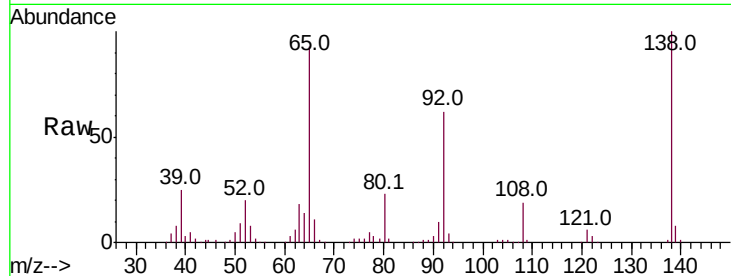
#48
2-Nitroaniline
Concen: 44.615 ng
RT: 9.55 min Scan# 1268
Delta R.T. 0.00 min
Lab File: BF110464.D
Acq: 5 Nov 2018 14:55

Instrument :
BNA_F
ClientSampleId :
HL-R25951-RTMS

Tot Ion	Ratio	Lower	Upper
65	100		
92	67.1	54.6	81.8
138	107.6	80.3	120.5

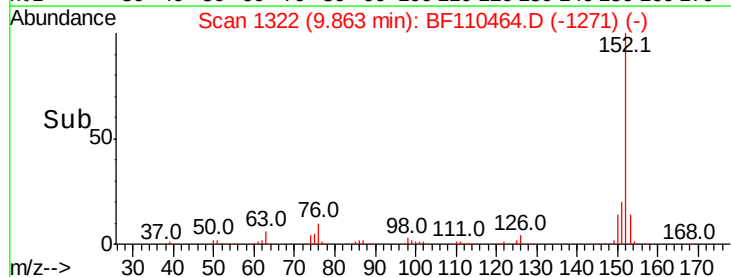
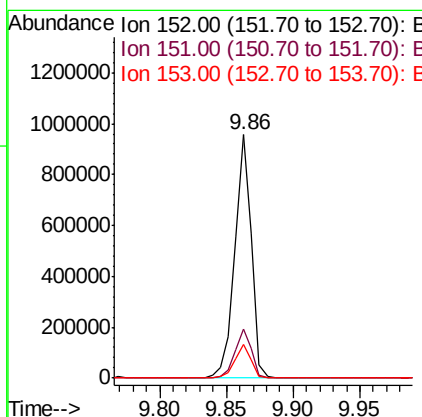
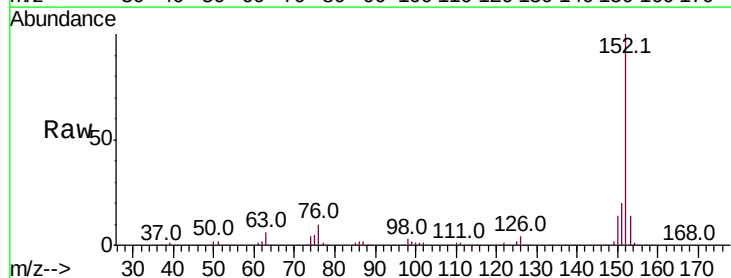
Manual Integrations
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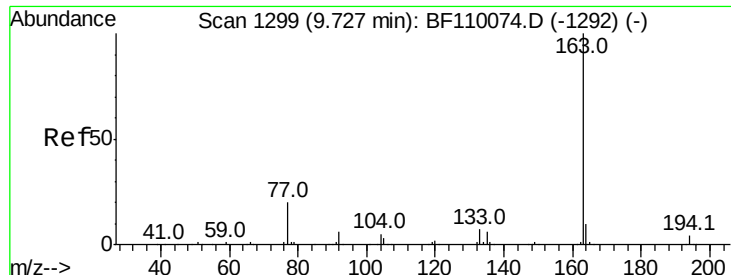
Sohil
11/6/2018 9:00:55 AM



#49
Acenaphthylene
Concen: 45.501 ng
RT: 9.86 min Scan# 1322
Delta R.T. 0.00 min
Lab File: BF110464.D
Acq: 5 Nov 2018 14:55

Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.1	15.8	23.8
153	13.7	10.4	15.6





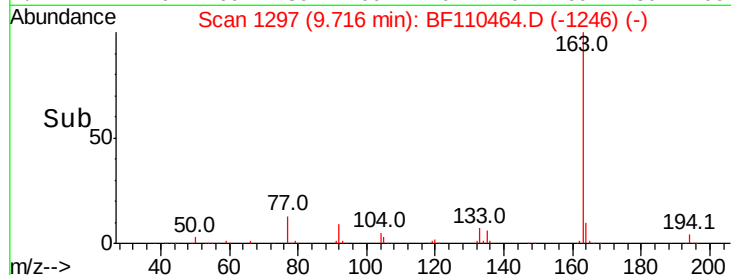
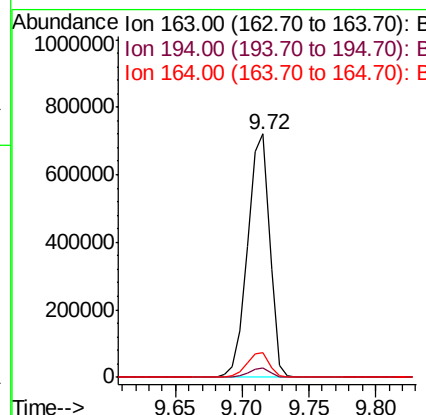
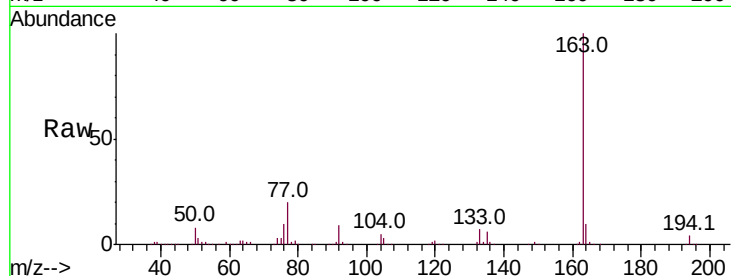
#50
Dimethylphthalate
Concen: 57.954 ng
RT: 9.72 min Scan# 1297
Delta R.T. 0.00 min
Lab File: BF110464.D
Acq: 5 Nov 2018 14:55

Instrument :
BNA_F
ClientSampleId :
HL-R25951-RTMS

Tot Ion	Ratio	Resp	Lower	Upper
163	100	818994		
194	3.8		3.2	4.8
164	10.1		8.1	12.1

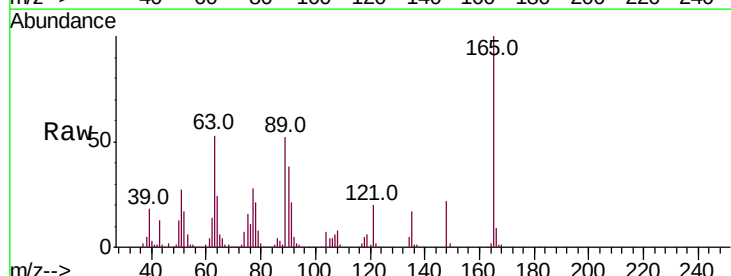
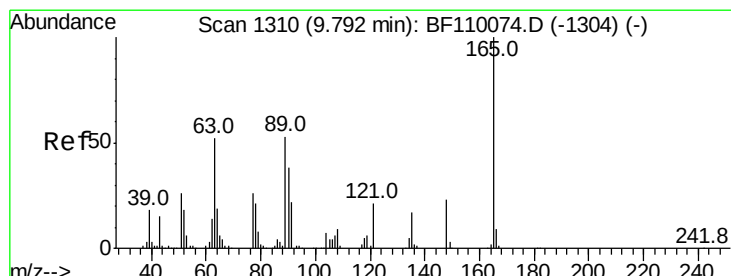
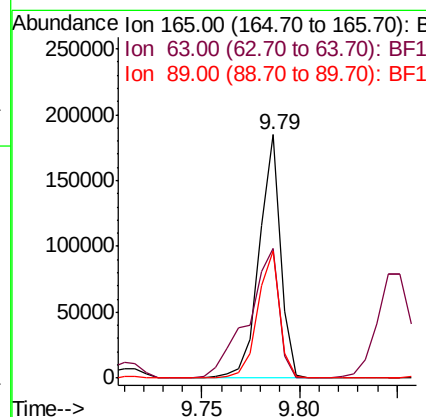
Manual Integrations
APPROVED

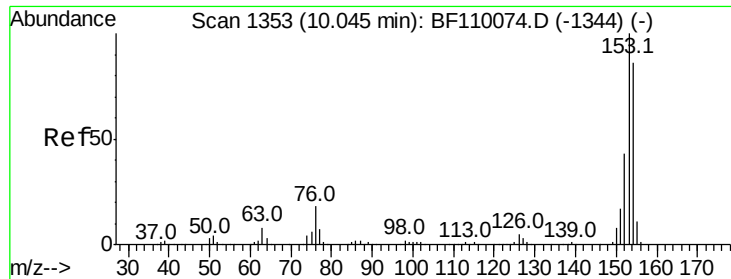
Sohil
11/6/2018 9:00:55 AM



#51
2,6-Dinitrotoluene
Concen: 45.815 ng
RT: 9.79 min Scan# 1309
Delta R.T. 0.01 min
Lab File: BF110464.D
Acq: 5 Nov 2018 14:55

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	139462		
63	53.1		48.9	73.3
89	52.2		46.6	69.8





#52

Acenaphthene

Concen: 41.333 ng

RT: 10.03 min Scan# 1351

Delta R.T. 0.00 min

Lab File: BF110464.D

Acq: 5 Nov 2018 14:55

Instrument :

BNA_F

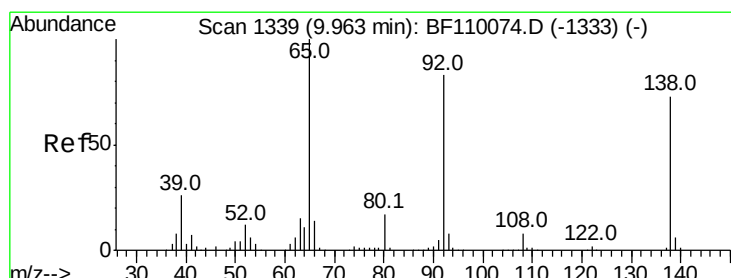
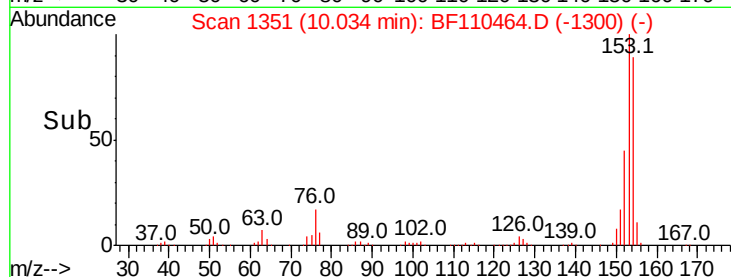
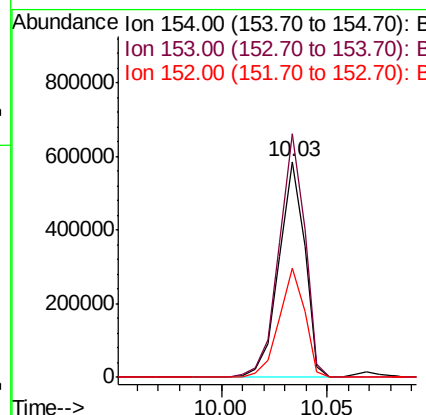
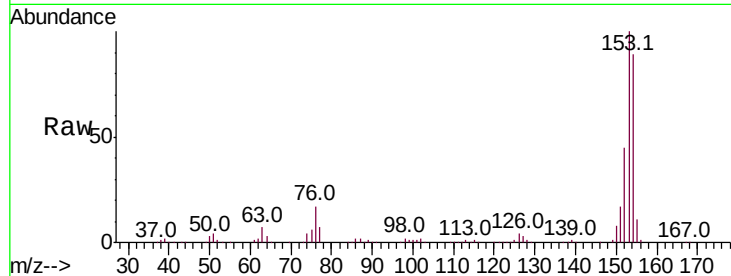
ClientSampleId :

HL-R25951-RTMS

Tot Ion:	154	Resp:	501534
Ion Ratio	Lower	Upper	
154	100		
153	112.9	90.1	135.1
152	50.9	43.4	65.2

Manual Integrations
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Sohil
11/6/2018 9:00:55 AM



#53

3-Nitroaniline

Concen: 25.423 ng

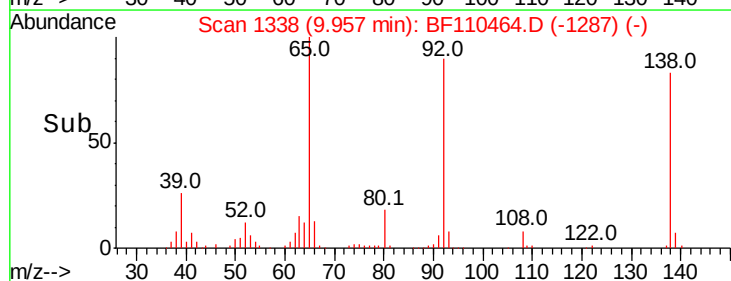
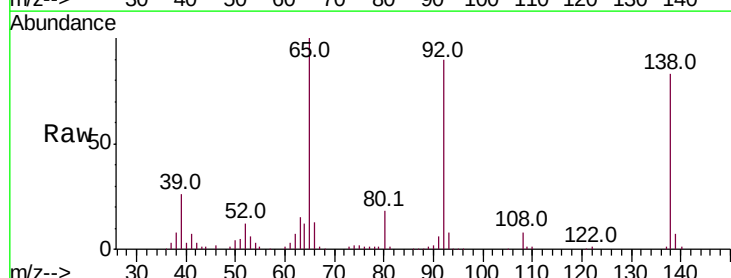
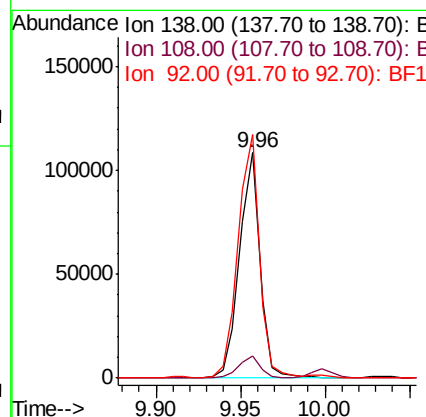
RT: 9.96 min Scan# 1338

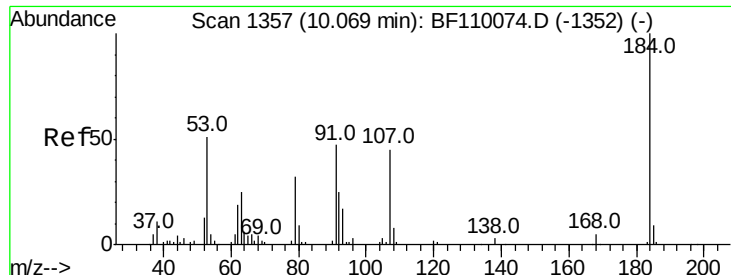
Delta R.T. 0.00 min

Lab File: BF110464.D

Acq: 5 Nov 2018 14:55

Tgt Ion:	138	Resp:	92029
Ion Ratio	Lower	Upper	
138	100		
108	10.1	8.7	13.1
92	107.9	97.0	145.4





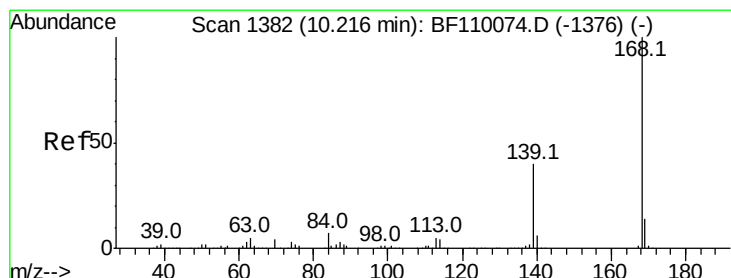
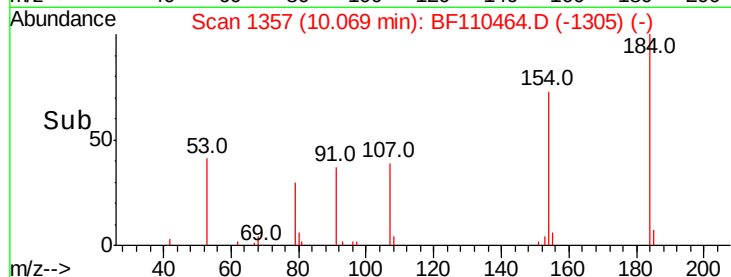
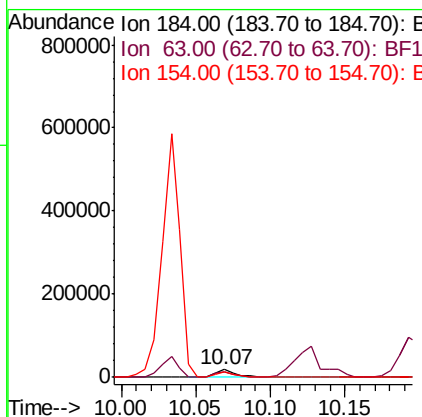
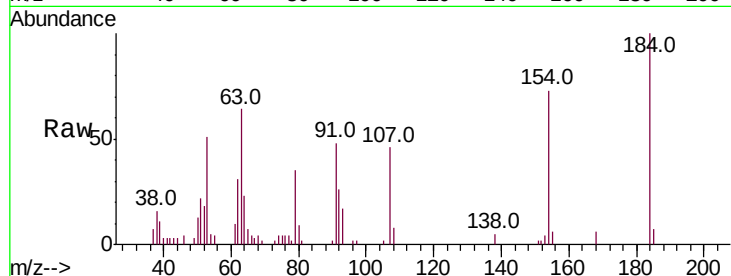
#54
2,4-Dinitrophenol
Concen: 20.534 ng
RT: 10.07 min Scan# 1357
Delta R.T. 0.01 min
Lab File: BF110464.D
Acq: 5 Nov 2018 14:55

Instrument :
BNA_F
ClientSampleId :
HL-R25951-RTMS

Tot Ion	Ratio	Resp	Lower	Upper
184	100	19839		
63	63.9	55.8	83.6	
154	73.0	63.2	94.8	

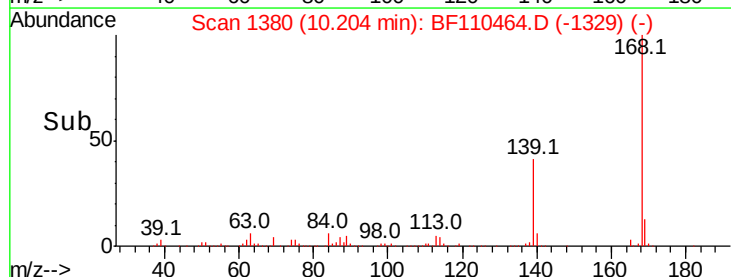
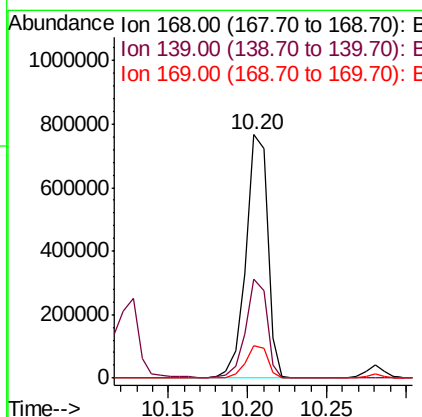
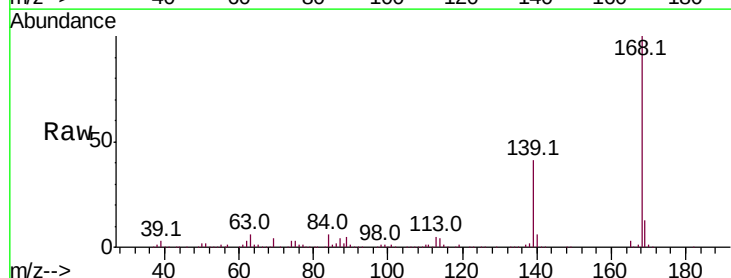
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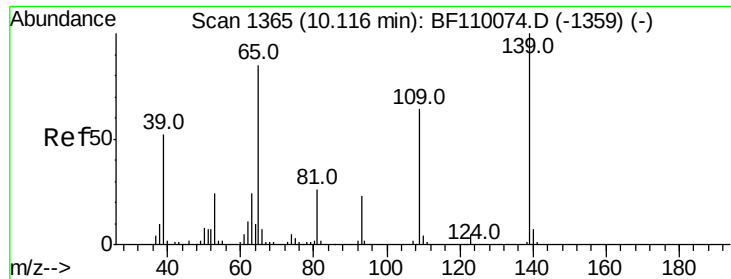
Sohil
11/6/2018 9:00:55 AM



#55
Dibenzofuran
Concen: 42.942 ng
RT: 10.20 min Scan# 1380
Delta R.T. 0.00 min
Lab File: BF110464.D
Acq: 5 Nov 2018 14:55

Tgt Ion	Ratio	Resp	Lower	Upper
168	100	729529		
139	40.8	33.0	49.6	
169	13.4	11.3	16.9	





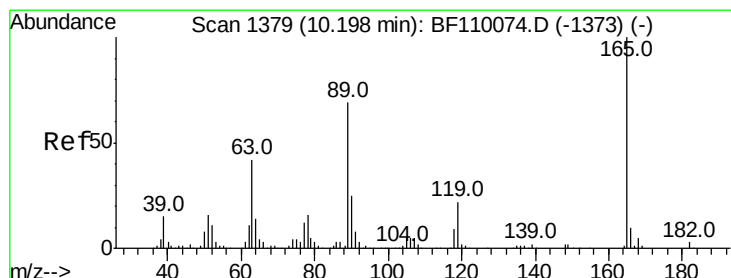
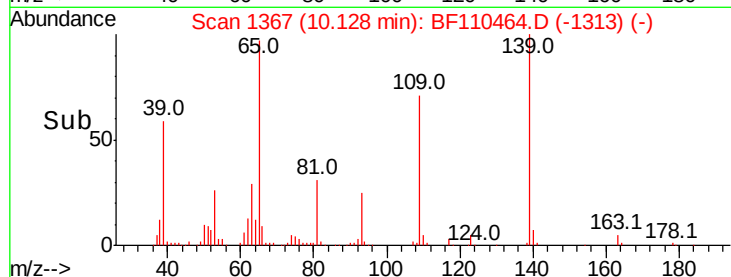
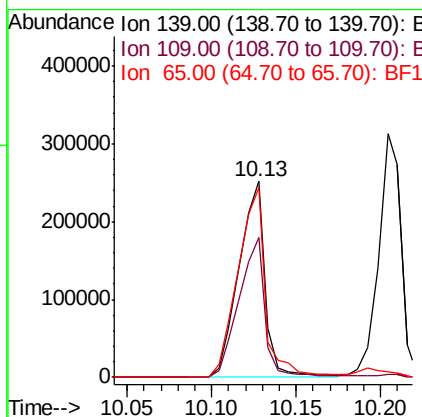
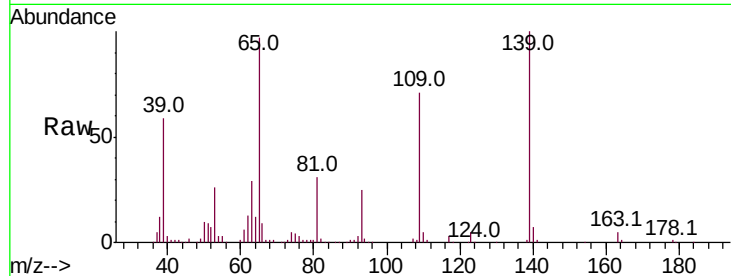
#56
4-Nitrophenol
Concen: 102.260 ng
RT: 10.13 min Scan# 1367
Delta R.T. 0.02 min
Lab File: BF110464.D
Acq: 5 Nov 2018 14:55

Instrument :
BNA_F
ClientSampleId :
HL-R25951-RTMS

Tot Ion	Ratio	Lower	Upper
139	100		
109	71.3	55.8	95.8
65	96.9	77.9	117.9

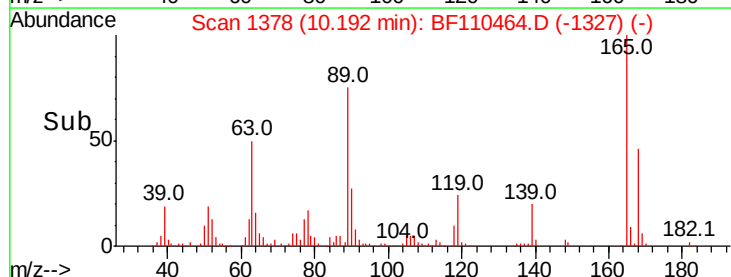
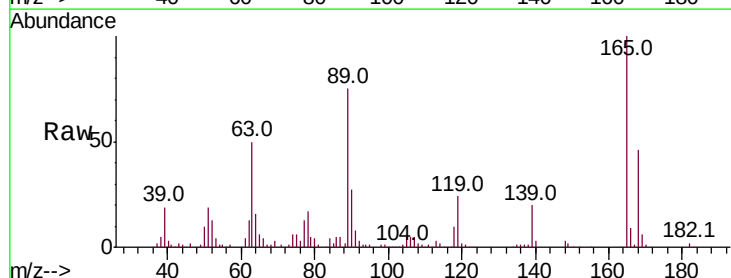
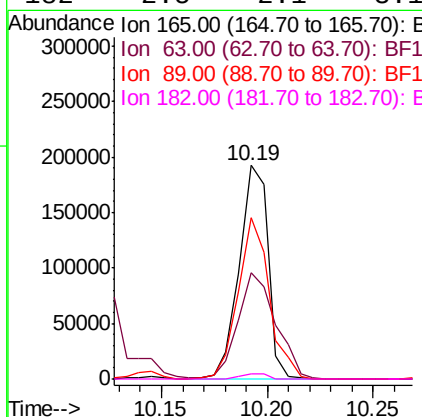
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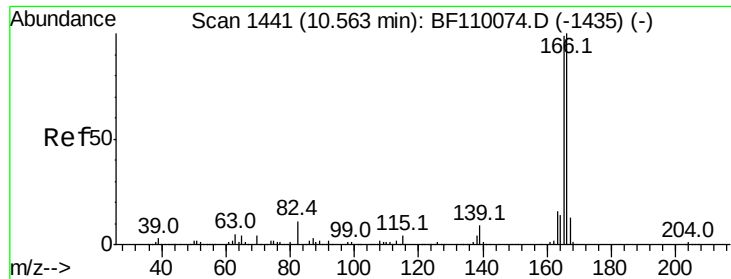
Sohil
11/6/2018 9:00:55 AM



#57
2,4-Dinitrotoluene
Concen: 46.983 ng
RT: 10.19 min Scan# 1378
Delta R.T. 0.00 min
Lab File: BF110464.D
Acq: 5 Nov 2018 14:55

Tgt Ion	Ratio	Lower	Upper
165	100		
63	50.0	44.8	67.2
89	75.3	62.2	93.4
182	2.5	2.1	3.1





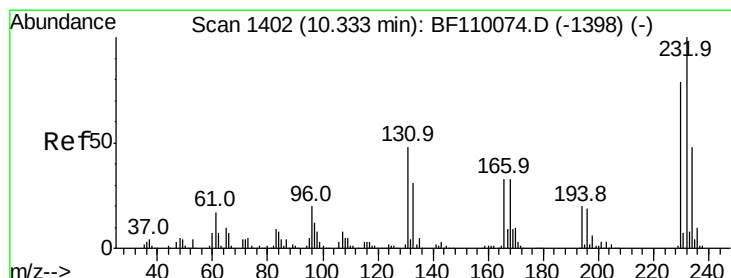
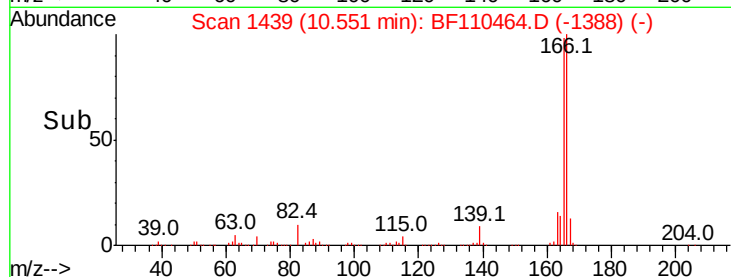
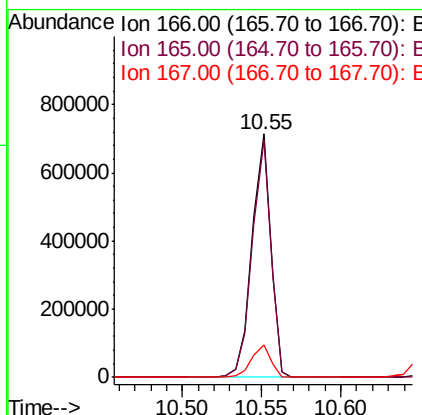
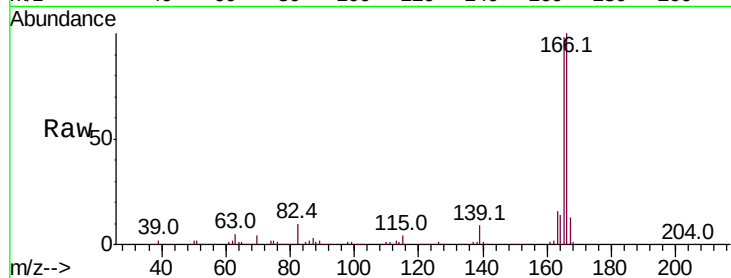
#58
 Fluorene
 Concen: 46.594 ng
 RT: 10.55 min Scan# 1439
 Delta R.T. 0.00 min
 Lab File: BF110464.D
 Acq: 5 Nov 2018 14:55

Instrument :
 BNA_F
 ClientSampleId :
 HL-R25951-RTMS

Tot Ion	Ratio	Resp	Lower	Upper
166	100	589119		
165	97.6		78.6	117.8
167	13.4		10.8	16.2

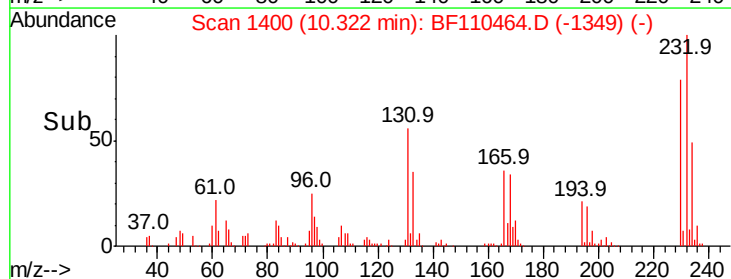
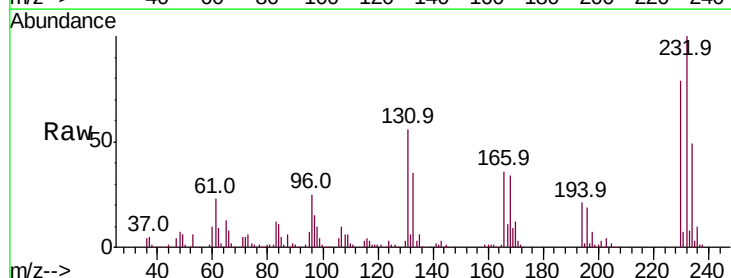
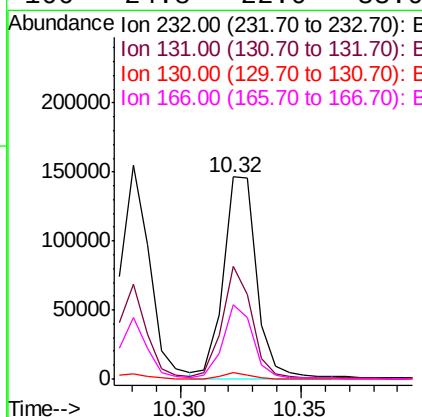
Manual Integrations
 APPROVED

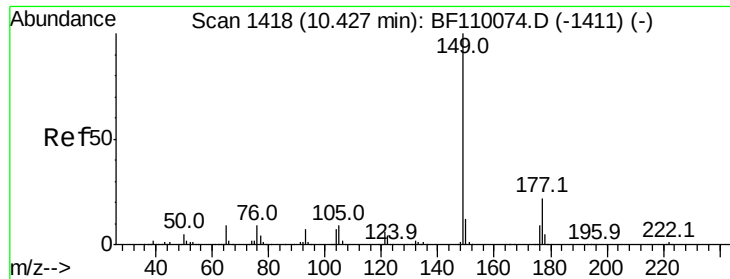
Sohil
 11/6/2018 9:00:55 AM



#59
 2,3,4,6-Tetrachlorophenol
 Concen: 43.106 ng m
 RT: 10.32 min Scan# 1400
 Delta R.T. 0.00 min
 Lab File: BF110464.D
 Acq: 5 Nov 2018 14:55

Tgt Ion	Ratio	Resp	Lower	Upper
232	100	142887		
131	40.1		37.0	55.4
130	2.2		1.8	2.6
166	24.8		22.0	33.0





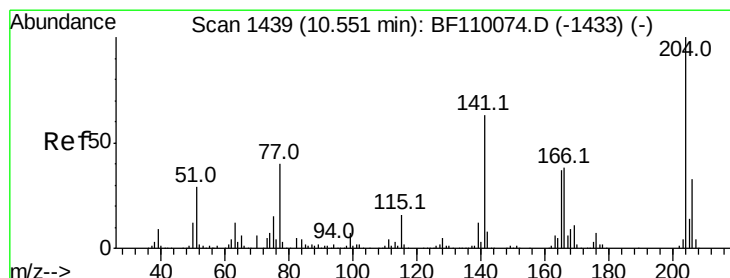
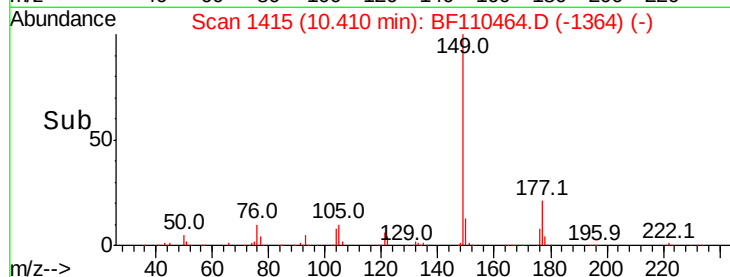
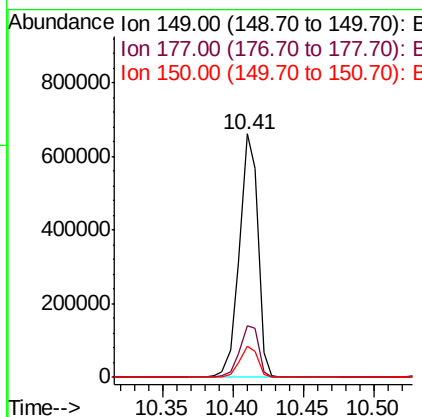
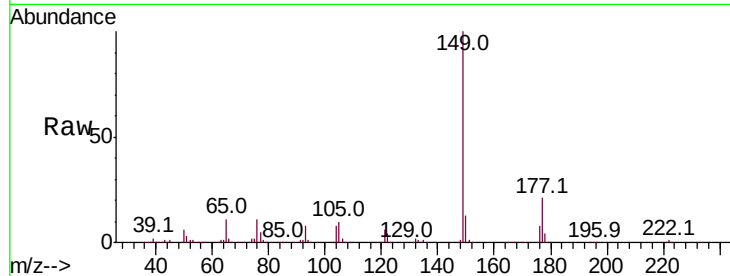
#60
Diethylphthalate
Concen: 43.724 ng
RT: 10.41 min Scan# 1415
Delta R.T. 0.00 min
Lab File: BF110464.D
Acq: 5 Nov 2018 14:55

Instrument :
BNA_F
ClientSampleId :
HL-R25951-RTMS

Tot Ion	Ratio	Lower	Upper
149	100		
177	21.2	17.4	26.2
150	12.8	9.8	14.8

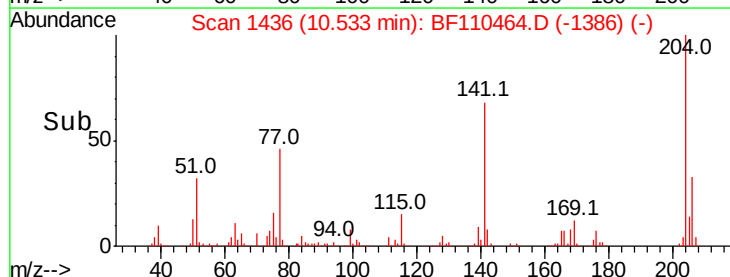
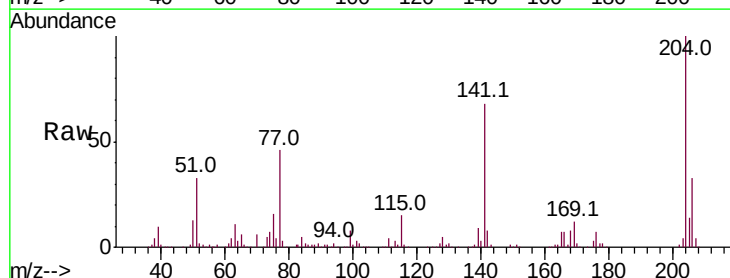
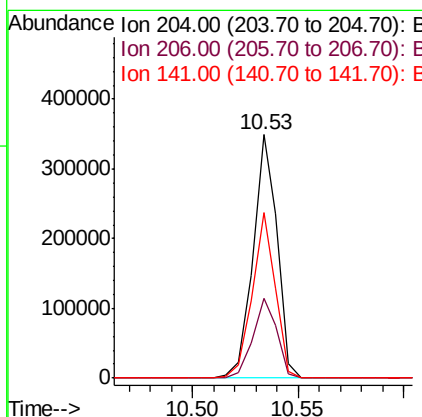
Manual Integrations
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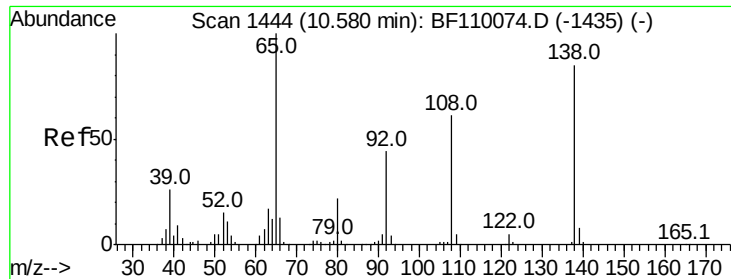
Sohil
11/6/2018 9:00:55 AM



#61
4-Chlorophenyl-phenylether
Concen: 41.437 ng
RT: 10.53 min Scan# 1436
Delta R.T. -0.01 min
Lab File: BF110464.D
Acq: 5 Nov 2018 14:55

Tgt Ion	Ratio	Lower	Upper
204	100		
206	32.6	26.5	39.7
141	68.1	51.8	77.8





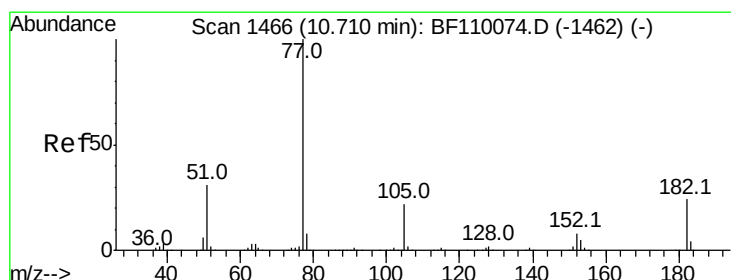
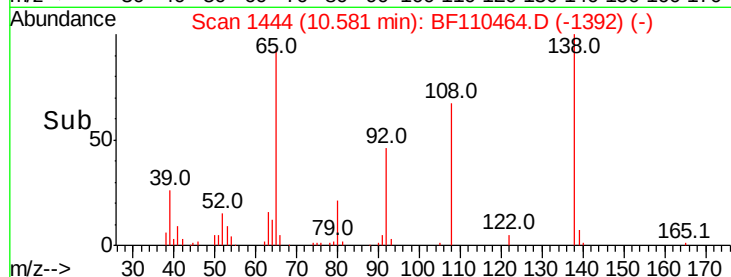
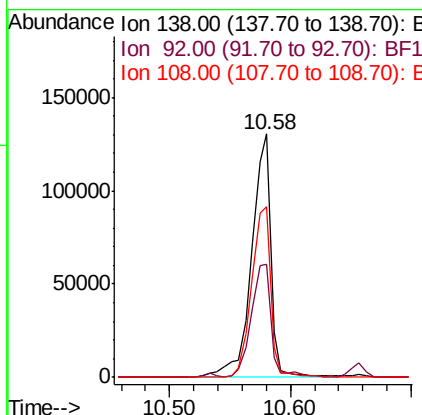
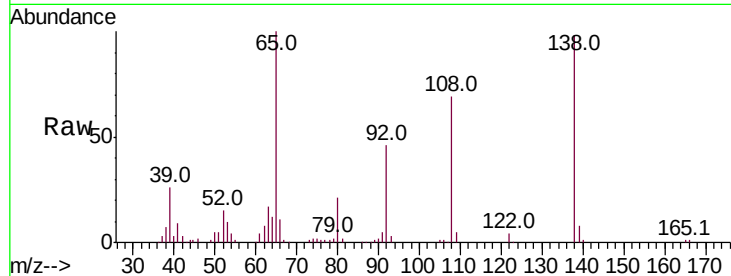
#62
4-Nitroaniline
Concen: 40.658 ng
RT: 10.58 min Scan# 1444
Delta R.T. 0.01 min
Lab File: BF110464.D
Acq: 5 Nov 2018 14:55

Instrument :
BNA_F
ClientSampleId :
HL-R25951-RTMS

Tot Ion	Ratio	Lower	Upper
138	100		
92	46.4	31.7	71.7
108	69.8	59.3	99.3

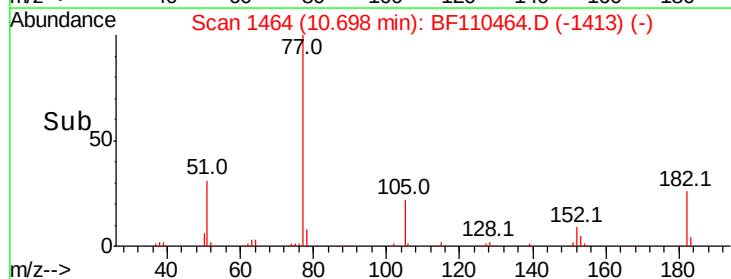
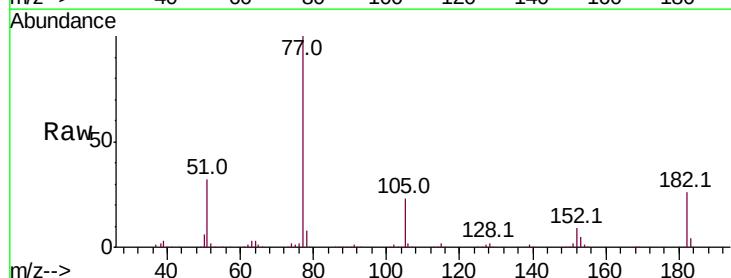
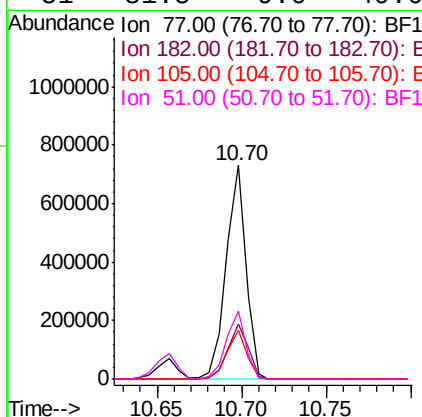
Manual Integrations
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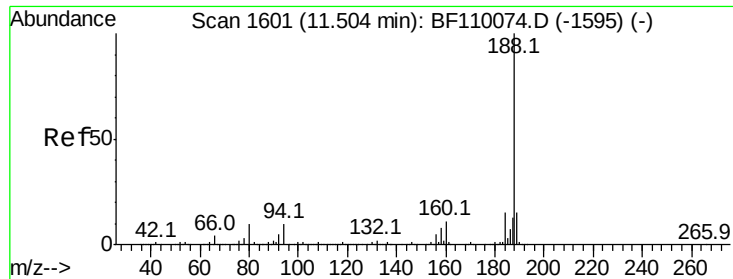
Sohil
11/6/2018 9:00:55 AM



#63
Azobenzene
Concen: 43.384 ng
RT: 10.70 min Scan# 1464
Delta R.T. 0.00 min
Lab File: BF110464.D
Acq: 5 Nov 2018 14:55

Tgt Ion	Ratio	Lower	Upper
77	100		
182	25.8	4.3	44.3
105	22.7	1.3	41.3
51	31.5	9.0	49.0





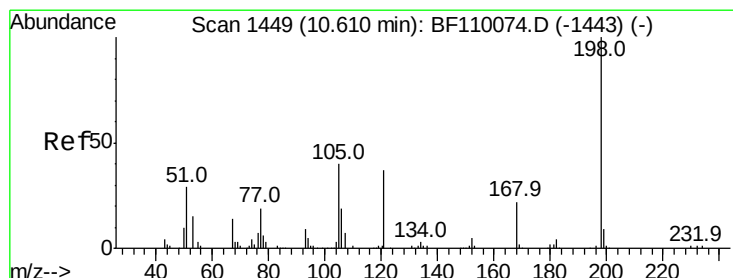
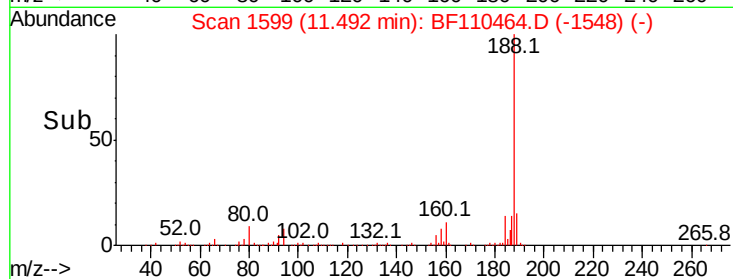
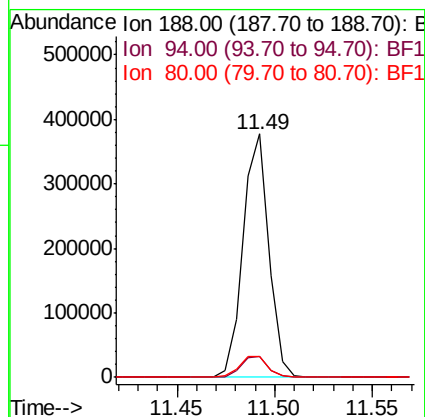
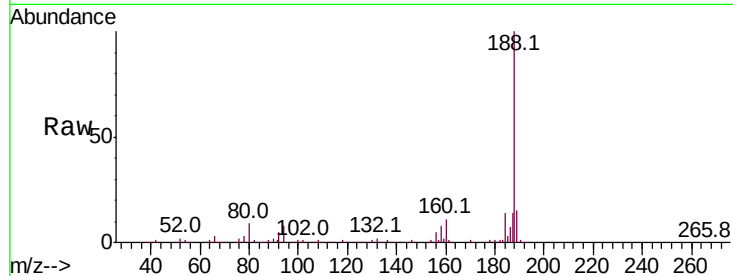
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.49 min Scan# 1599
Delta R.T. 0.00 min
Lab File: BF110464.D
Acq: 5 Nov 2018 14:55

Instrument :
BNA_F
ClientSampleId :
HL-R25951-RTMS

Tot Ion	Ratio	Resp Lower	Upper
188	100		
94	8.4	7.2	10.8
80	8.6	7.9	11.9

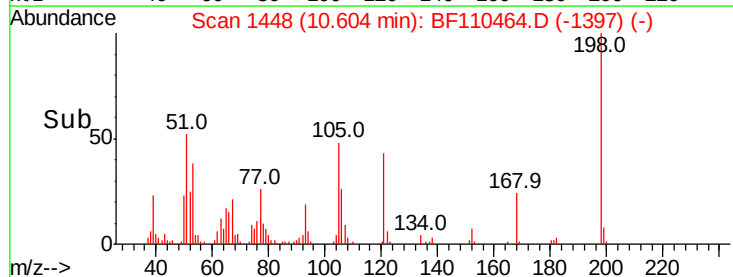
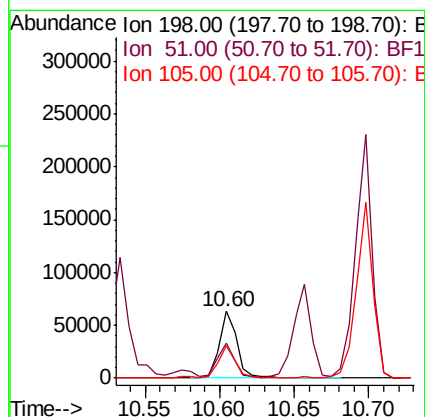
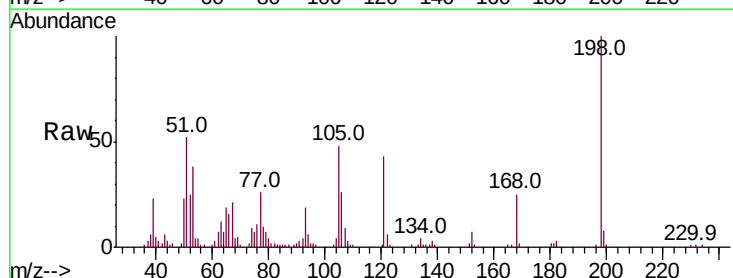
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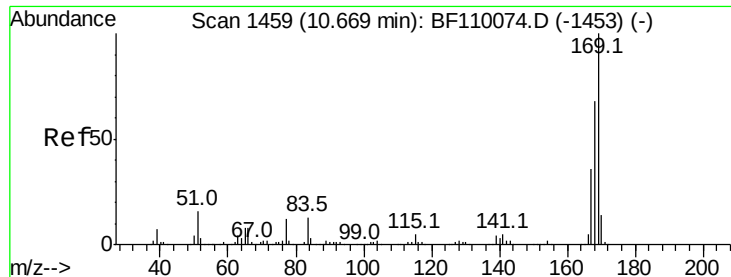
Sohil
11/6/2018 9:00:55 AM



#65
4,6-Dinitro-2-methylphenol
Concen: 33.387 ng
RT: 10.60 min Scan# 1448
Delta R.T. 0.00 min
Lab File: BF110464.D
Acq: 5 Nov 2018 14:55

Tgt Ion	Ratio	Resp Lower	Upper
198	100		
51	51.9	22.8	62.8
105	48.4	23.6	63.6





#66

n-Nitrosodiphenylamine

Concen: 44.896 ng

RT: 10.66 min Scan# 1457

Delta R.T. 0.00 min

Lab File: BF110464.D

Acq: 5 Nov 2018 14:55

Instrument :

BNA_F

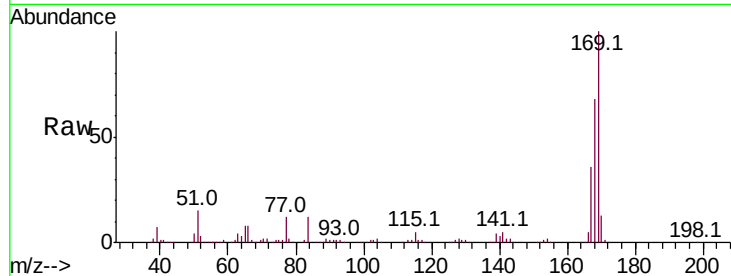
ClientSampleId :

HL-R25951-RTMS

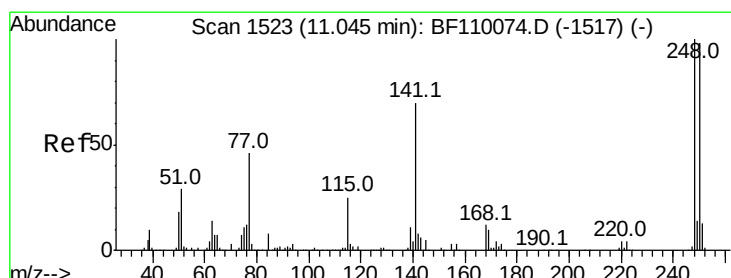
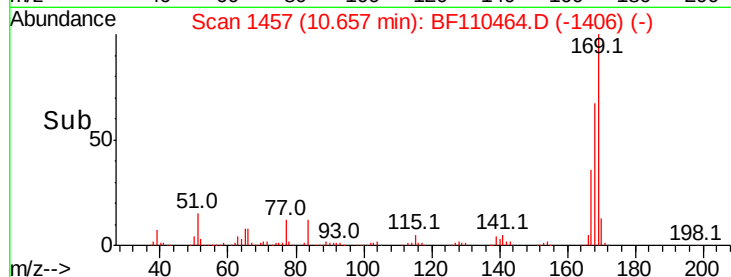
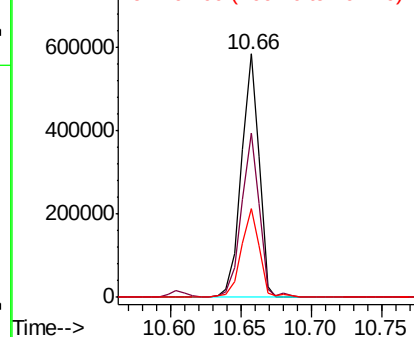
Tot Ion:	169	Resp:	508934
Ion Ratio	Lower	Upper	
169	100		
168	67.5	51.2	76.8
167	36.4	27.8	41.6

Manual Integrations
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Abundance Ion 169.00 (168.70 to 169.70): E
Ion 168.00 (167.70 to 168.70): E
Ion 167.00 (166.70 to 167.70): E



#67

4-Bromophenyl-phenylether

Concen: 43.875 ng

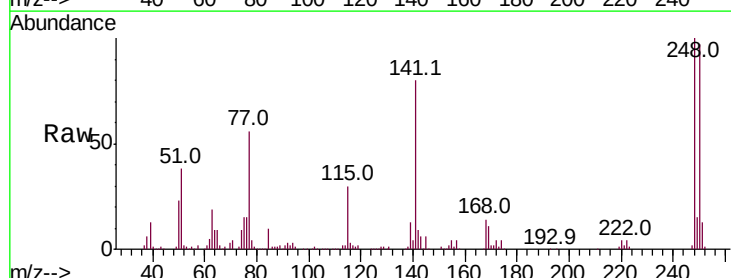
RT: 11.03 min Scan# 1520

Delta R.T. 0.00 min

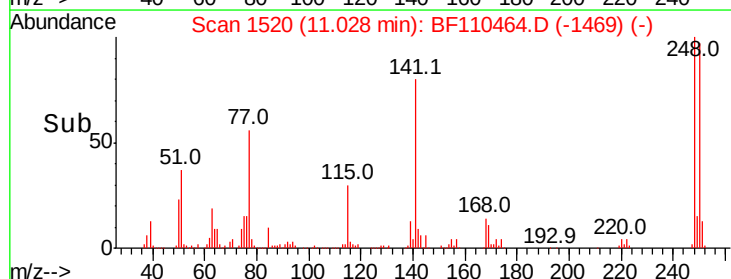
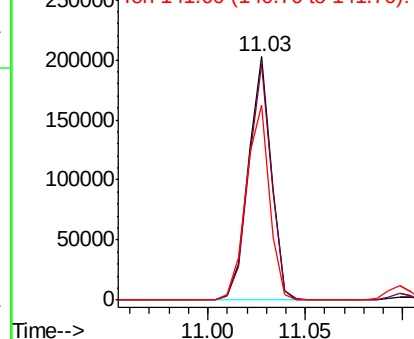
Lab File: BF110464.D

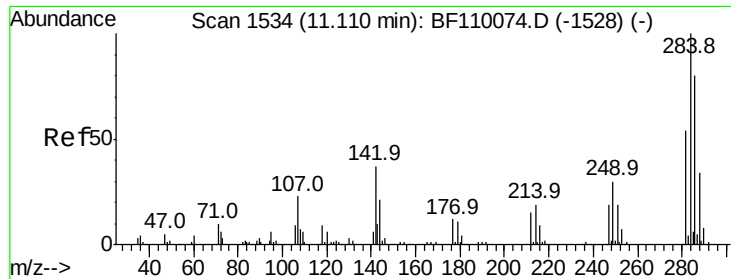
Acq: 5 Nov 2018 14:55

Tgt Ion:	248	Resp:	164481
Ion Ratio	Lower	Upper	
248	100		
250	97.0	79.4	119.2
141	79.9	55.9	83.9



Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E





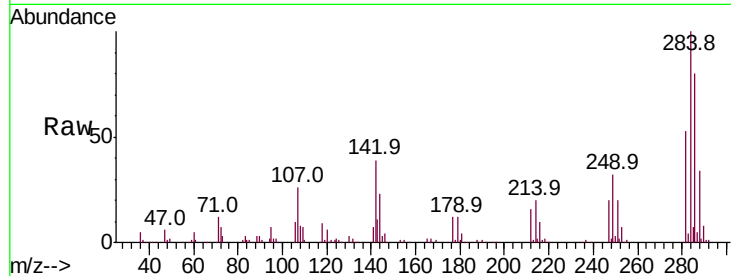
#68
Hexachlorobenzene
Concen: 42.540 ng
RT: 11.10 min Scan# 1532
Delta R.T. 0.00 min
Lab File: BF110464.D
Acq: 5 Nov 2018 14:55

Instrument :
BNA_F
ClientSampleId :
HL-R25951-RTMS

Tot Ion	Ratio	Resp	Lower	Upper
284	100	169209		
142	39.0	23.9	35.9#	
249	32.0	24.2	36.2	

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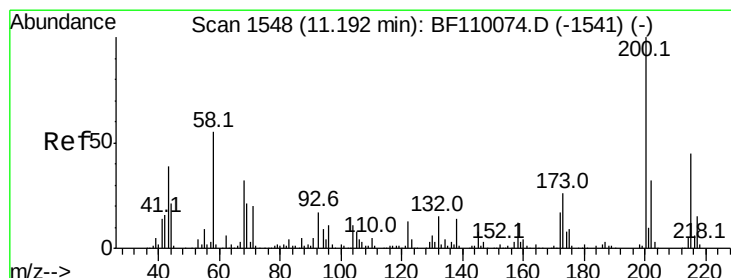
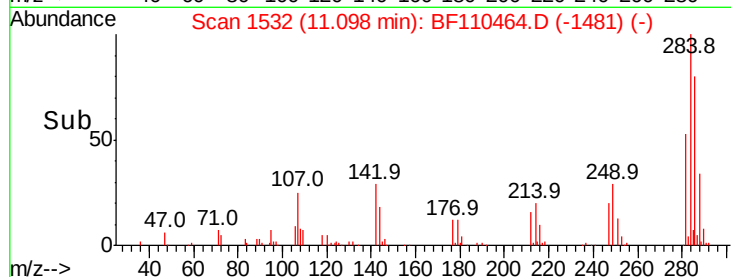
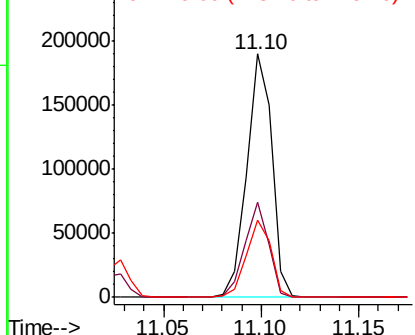


Abundance

Ion 283.80 (283.50 to 284.50): E

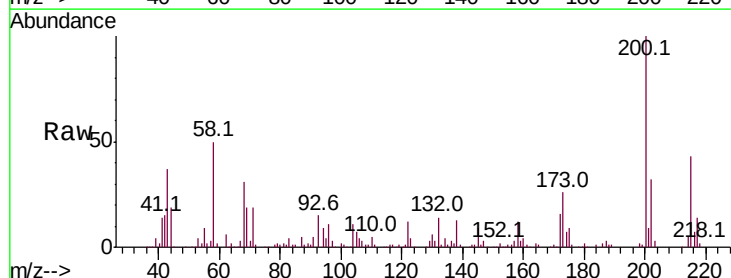
Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E



#69
Atrazine
Concen: 46.022 ng
RT: 11.18 min Scan# 1546
Delta R.T. 0.00 min
Lab File: BF110464.D
Acq: 5 Nov 2018 14:55

Tgt Ion	Ratio	Resp	Lower	Upper
200	100	164870		
173	26.0	6.6	46.6	
215	43.4	26.3	66.3	

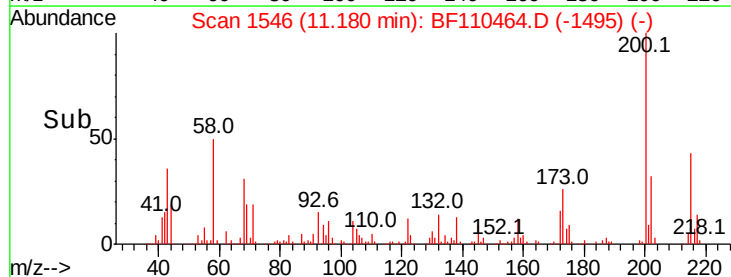
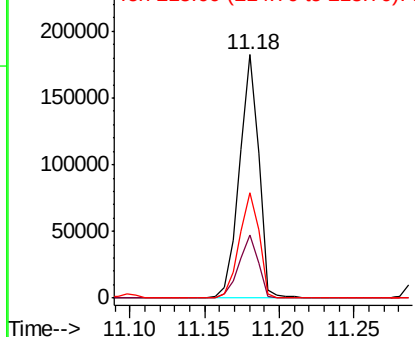


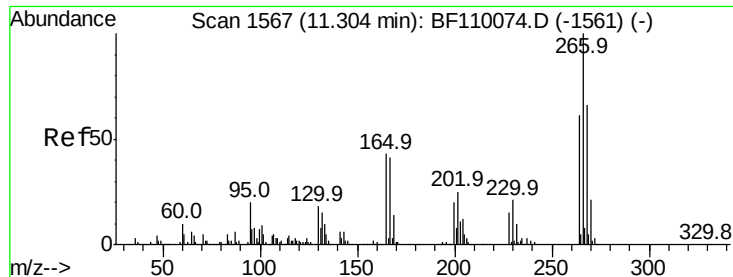
Abundance

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





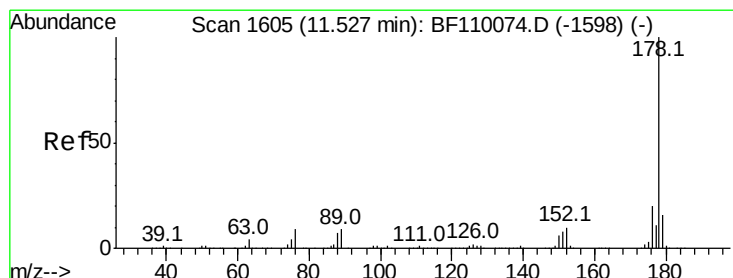
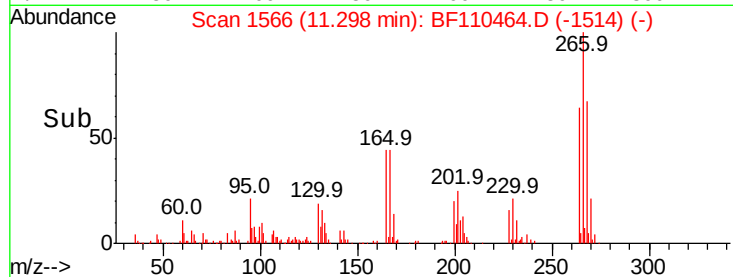
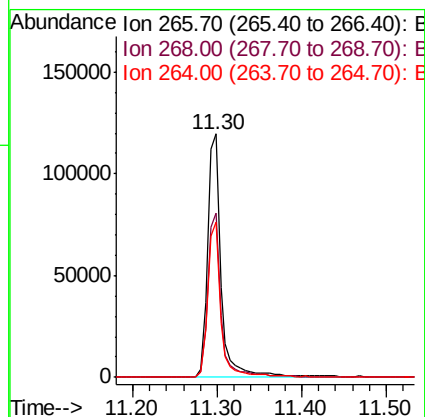
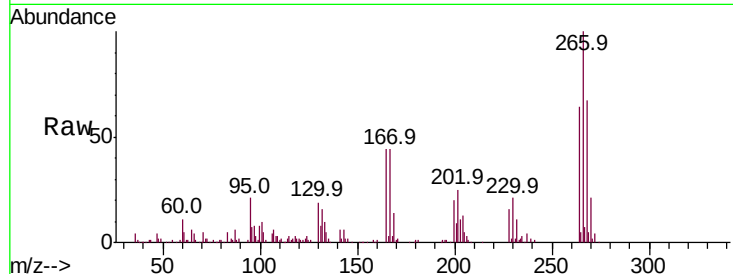
#70
 Pentachlorophenol
 Concen: 57.426 ng
 RT: 11.30 min Scan# 1566
 Delta R.T. 0.01 min
 Lab File: BF110464.D
 Acq: 5 Nov 2018 14:55

Instrument :
 BNA_F
 ClientSampleId :
 HL-R25951-RTMS

Tot Ion:	266	Resp:	133193
Ion Ratio		Lower	Upper
266	100		
268	67.4	50.6	75.8
264	63.8	50.6	75.8

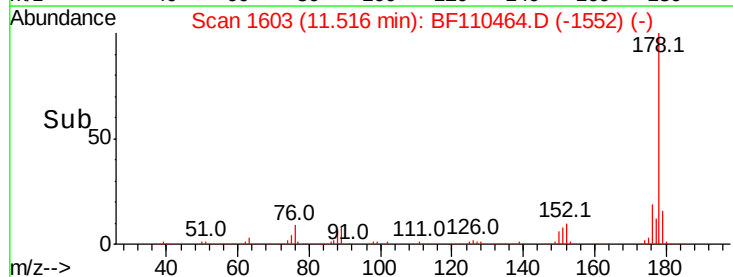
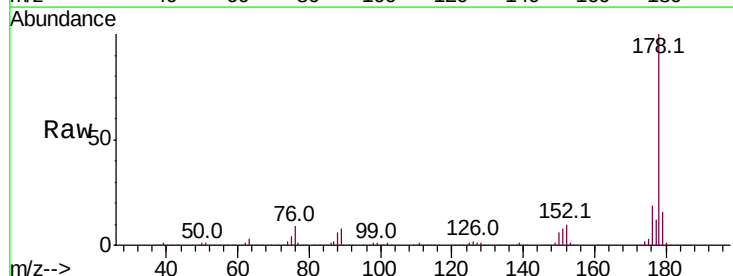
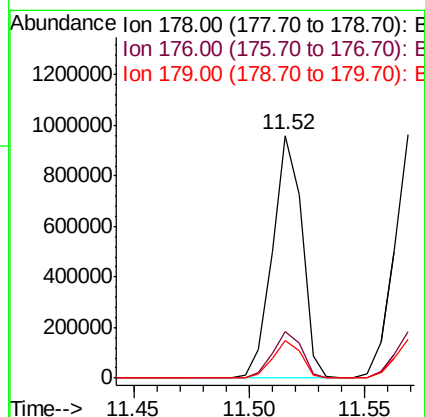
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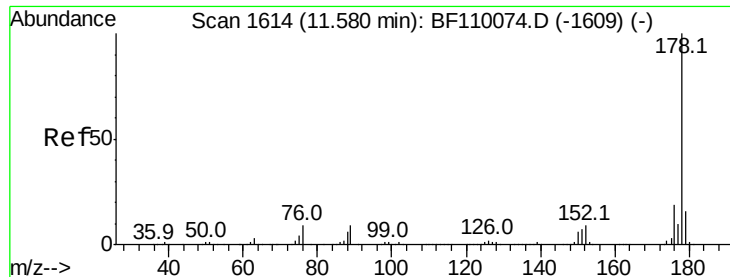
Sohil
 11/6/2018 9:00:55 AM



#71
 Phenanthrene
 Concen: 46.910 ng
 RT: 11.52 min Scan# 1603
 Delta R.T. 0.00 min
 Lab File: BF110464.D
 Acq: 5 Nov 2018 14:55

Tgt Ion:	178	Resp:	848320
Ion Ratio		Lower	Upper
178	100		
176	19.3	15.5	23.3
179	15.7	12.5	18.7





#72

Anthracene

Concen: 46.970 ng

RT: 11.57 min Scan# 1612

Delta R.T. 0.00 min

Lab File: BF110464.D

Acq: 5 Nov 2018 14:55

Instrument :

BNA_F

ClientSampleId :

HL-R25951-RTMS

Tot Ion:178 Resp: 851384

Ion Ratio Lower Upper

178 100

176 19.2 15.4 23.2

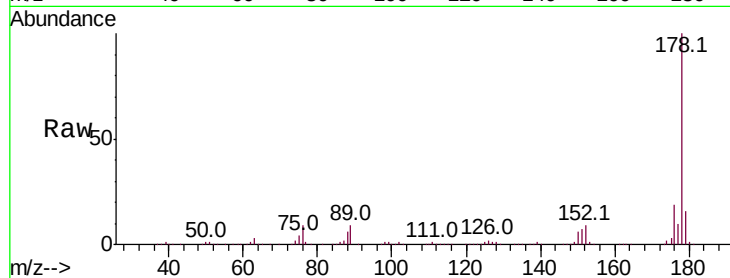
179 15.9 12.6 18.8

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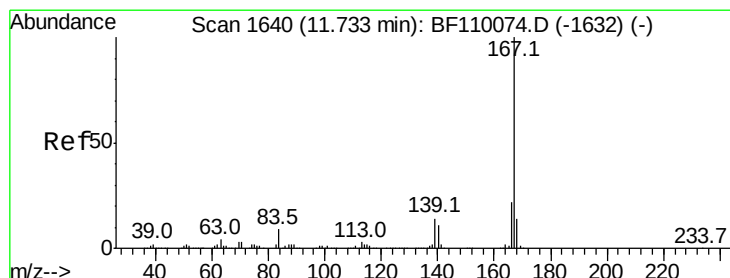
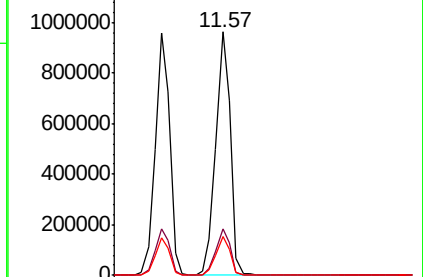
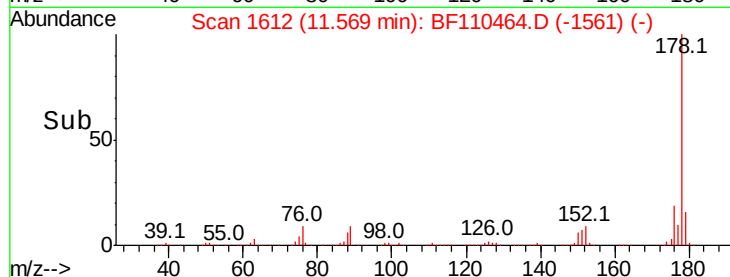
11/6/2018 9:00:55 AM



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#73

Carbazole

Concen: 41.664 ng

RT: 11.72 min Scan# 1638

Delta R.T. 0.00 min

Lab File: BF110464.D

Acq: 5 Nov 2018 14:55

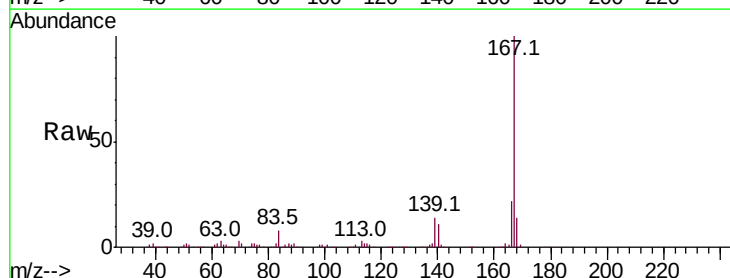
Tgt Ion:167 Resp: 737369

Ion Ratio Lower Upper

167 100

166 21.7 17.4 26.0

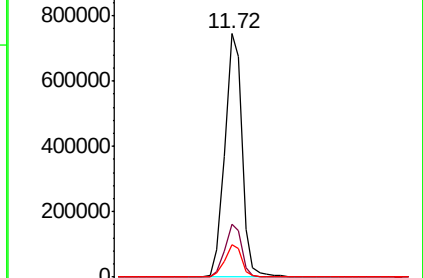
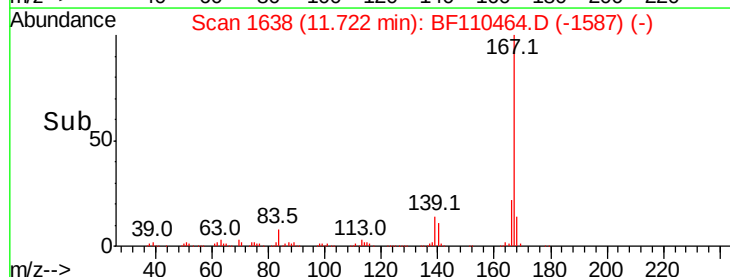
139 13.6 10.9 16.3

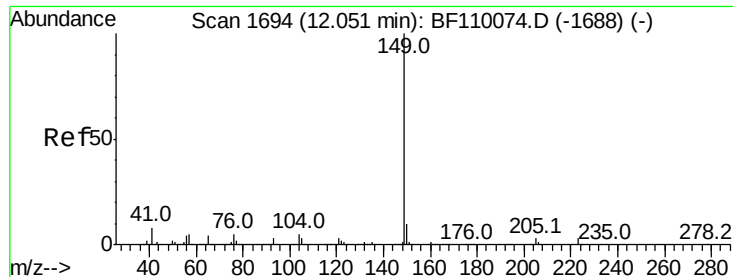


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#74

Di-n-butylphthalate

Concen: 45.274 ng

RT: 12.03 min Scan# 1691

Delta R.T. 0.00 min

Lab File: BF110464.D

Acq: 5 Nov 2018 14:55

Instrument :

BNA_F

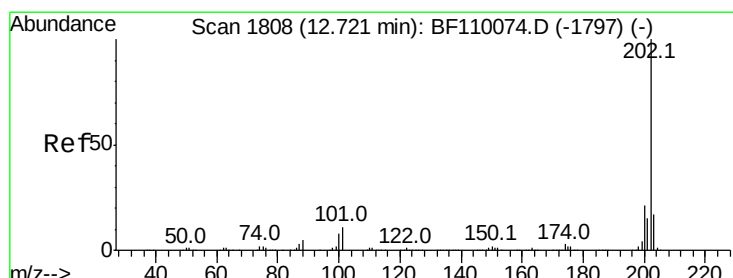
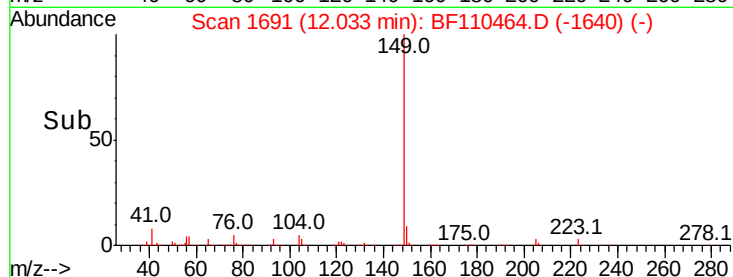
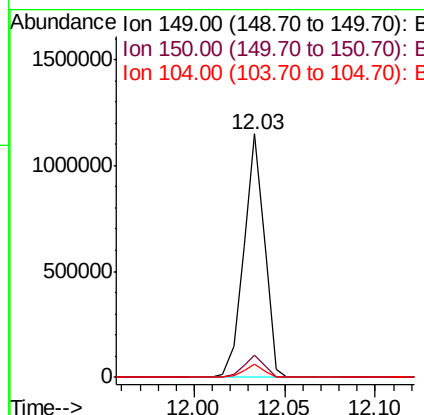
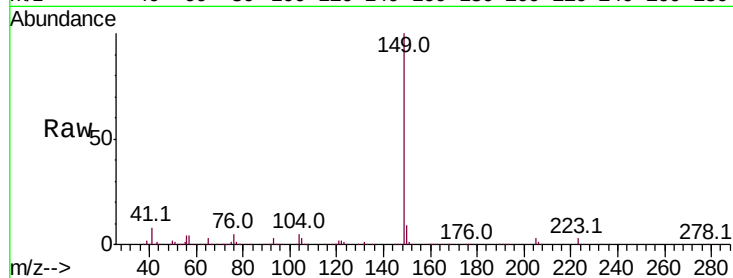
ClientSampleId :

HL-R25951-RTMS

Tot Ion:	149	Resp:	904949
Ion Ratio	Lower	Upper	
149	100		
150	9.4	7.7	11.5
104	5.2	4.2	6.4

Manual Integrations
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#75

Fluoranthene

Concen: 44.411 ng

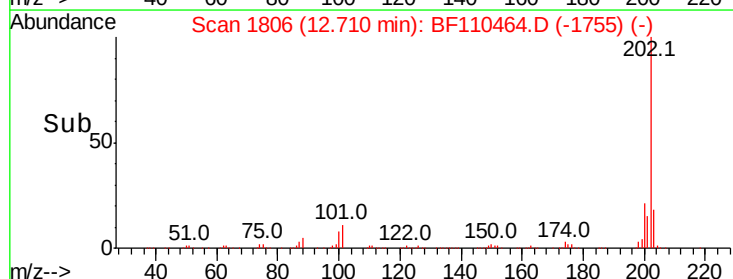
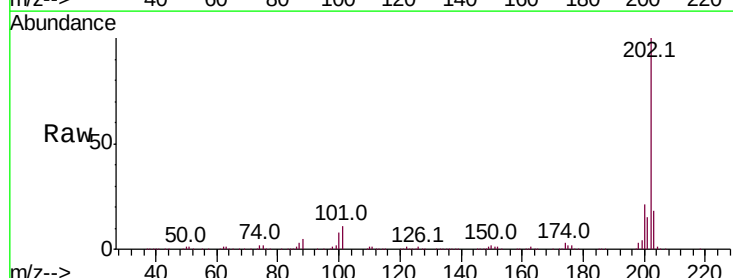
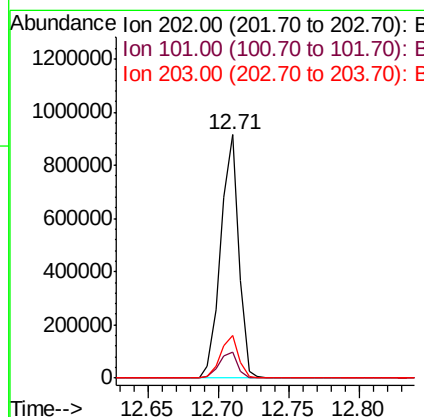
RT: 12.71 min Scan# 1806

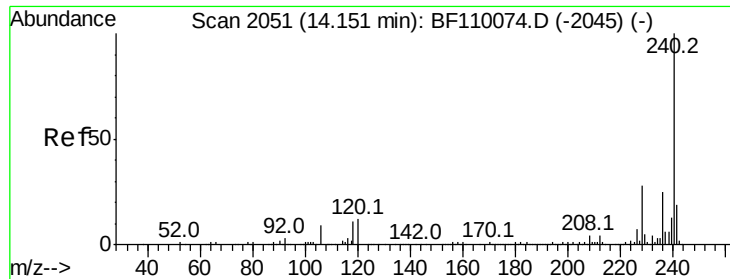
Delta R.T. 0.00 min

Lab File: BF110464.D

Acq: 5 Nov 2018 14:55

Tgt Ion:	202	Resp:	815077
Ion Ratio	Lower	Upper	
202	100		
101	10.8	0.0	31.4
203	17.5	0.0	37.7





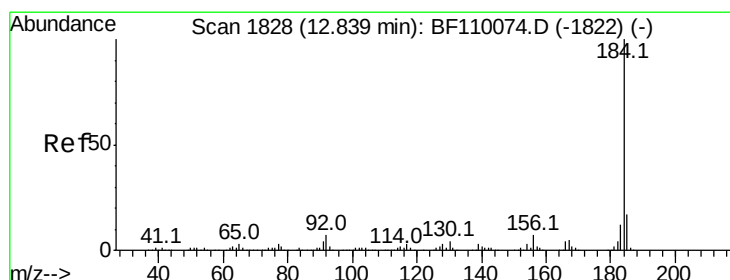
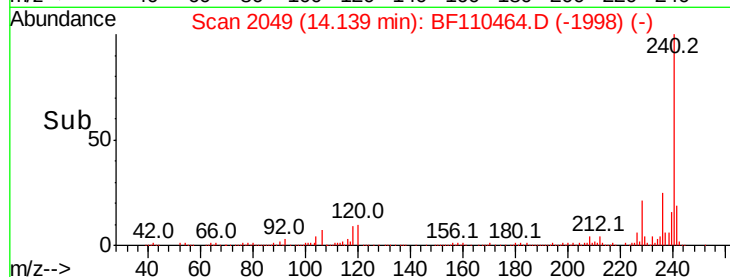
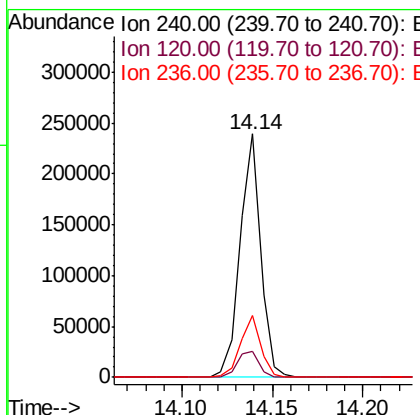
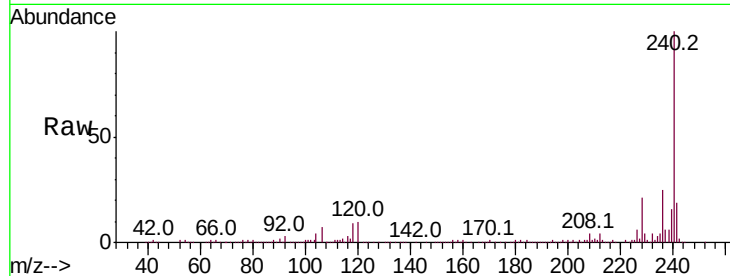
#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.14 min Scan# 2049
Delta R.T. 0.00 min
Lab File: BF110464.D
Acq: 5 Nov 2018 14:55

Instrument :
BNA_F
ClientSampleId :
HL-R25951-RTMS

Tot Ion	Ratio	Lower	Upper
240	100		
120	10.5	8.3	12.5
236	25.3	21.2	31.8

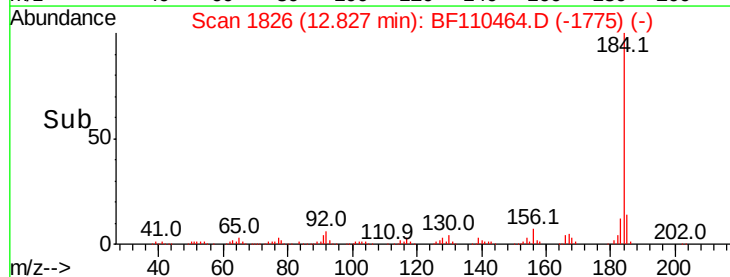
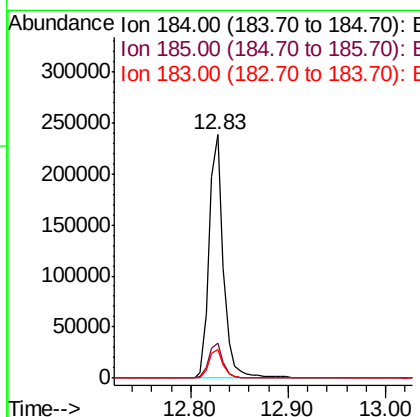
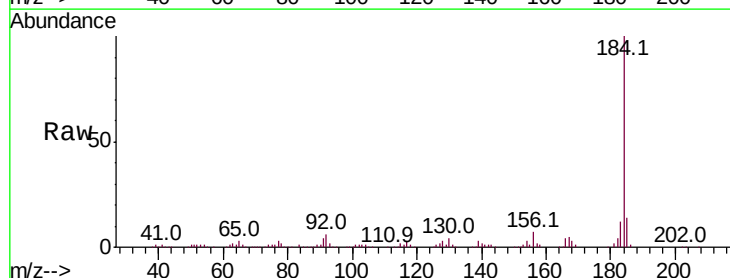
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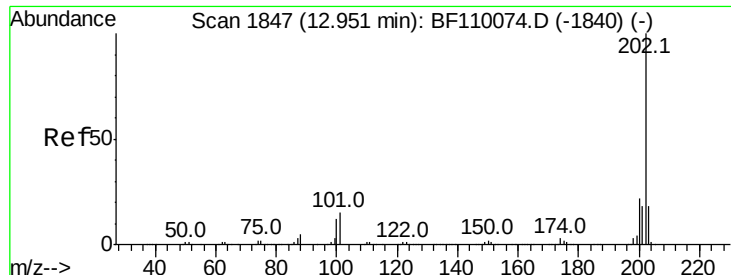
Sohil
11/6/2018 9:00:55 AM



#77
Benzidine
Concen: 46.704 ng
RT: 12.83 min Scan# 1826
Delta R.T. 0.00 min
Lab File: BF110464.D
Acq: 5 Nov 2018 14:55

Tgt Ion	Ratio	Lower	Upper
184	100		
185	14.5	13.4	20.2
183	11.5	9.4	14.2





#78

Pvrene

Concen: 57.671 ng

RT: 12.94 min Scan# 1845

Delta R.T. 0.00 min

Lab File: BF110464.D

Acq: 5 Nov 2018 14:55

Instrument :

BNA_F

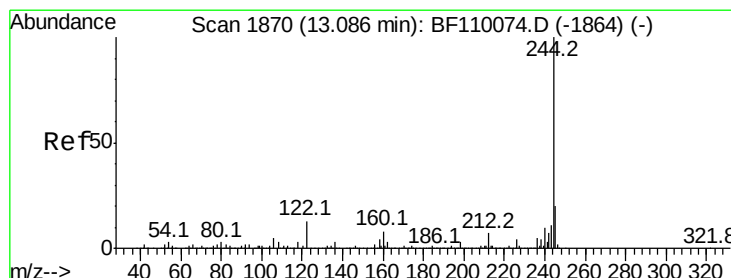
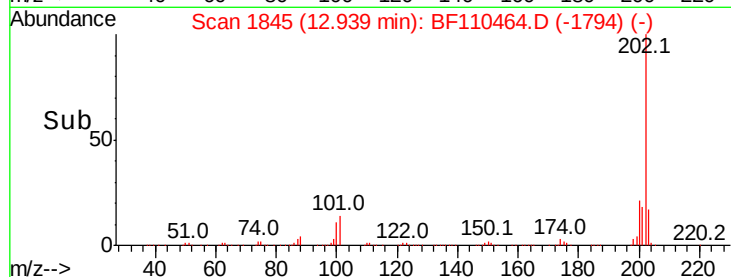
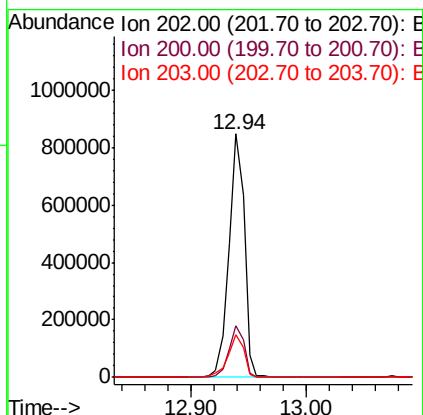
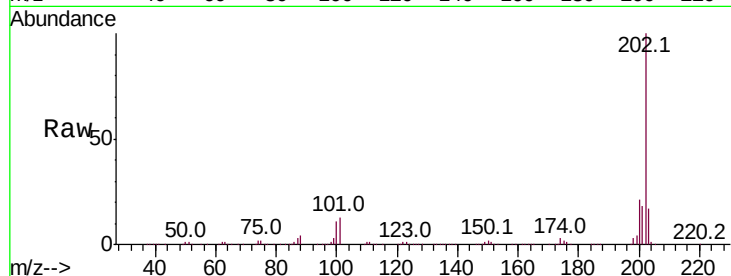
ClientSampleId :

HL-R25951-RTMS

Tot Ion:	202	Resp:	781924
Ion Ratio	Lower	Upper	
202	100		
200	21.1	17.8	26.6
203	17.3	14.2	21.4

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Sohil
11/6/2018 9:00:55 AM



#79

Terphenyl-d14

Concen: 112.111 ng

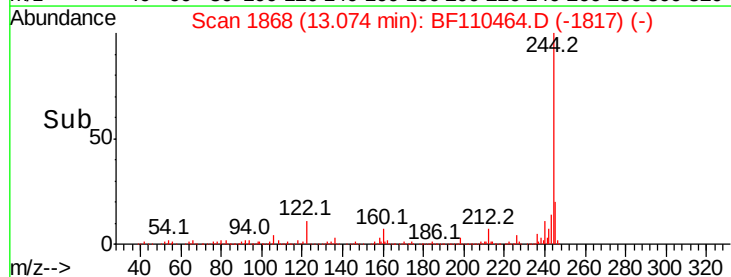
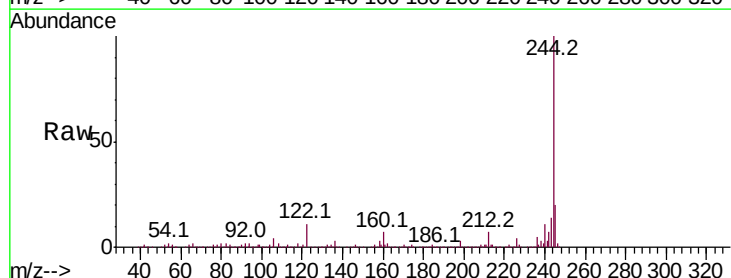
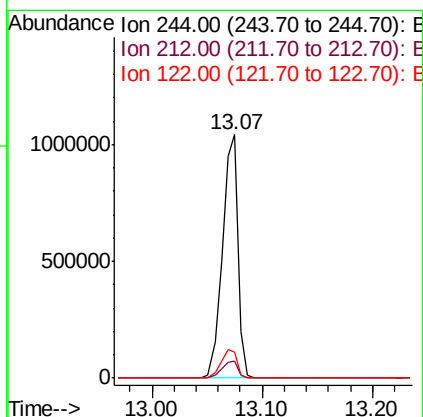
RT: 13.07 min Scan# 1868

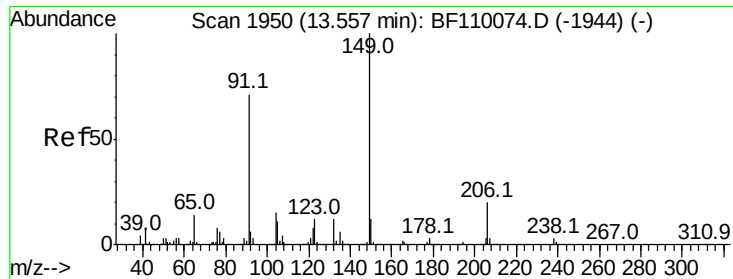
Delta R.T. 0.00 min

Lab File: BF110464.D

Acq: 5 Nov 2018 14:55

Tgt Ion:	244	Resp:	1019492
Ion Ratio	Lower	Upper	
244	100		
212	7.2	5.8	8.8
122	10.8	8.7	13.1





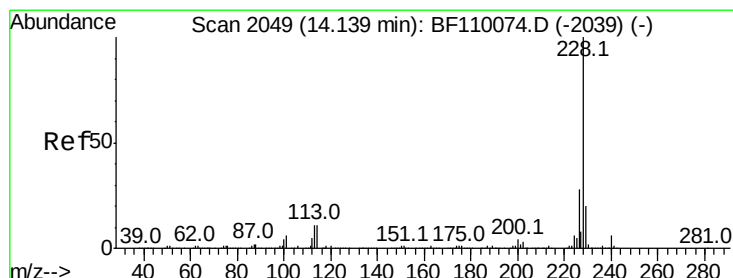
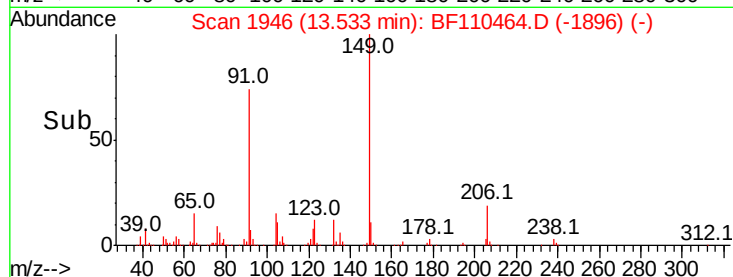
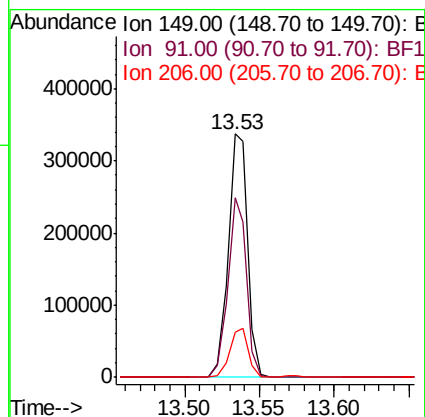
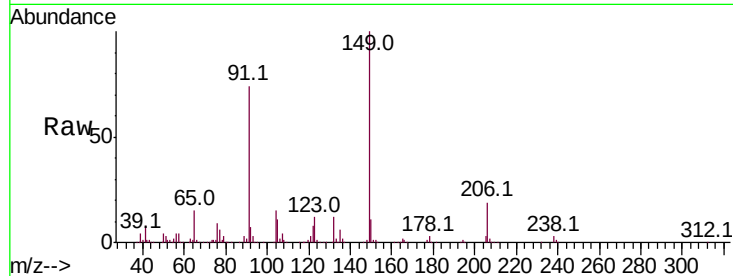
#80
Butylbenzylphthalate
Concen: 53.071 ng
RT: 13.53 min Scan# 1946
Delta R.T. -0.01 min
Lab File: BF110464.D
Acq: 5 Nov 2018 14:55

Instrument :
BNA_F
ClientSampleId :
HL-R25951-RTMS

Tot Ion	Ratio	Resp	Lower	Upper
149	100			
91	74.0	57.2	85.8	
206	18.6	15.7	23.5	

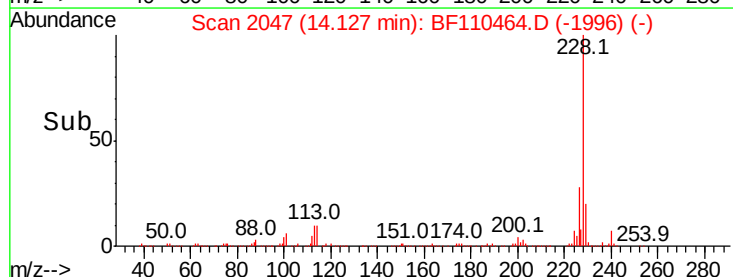
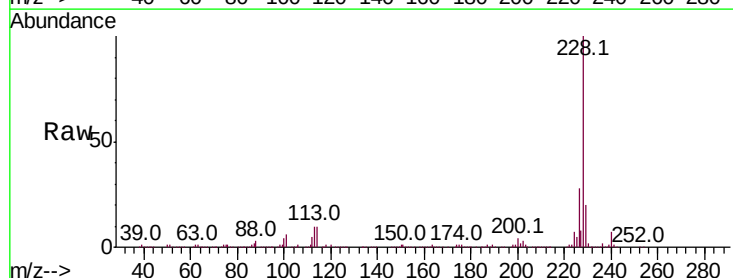
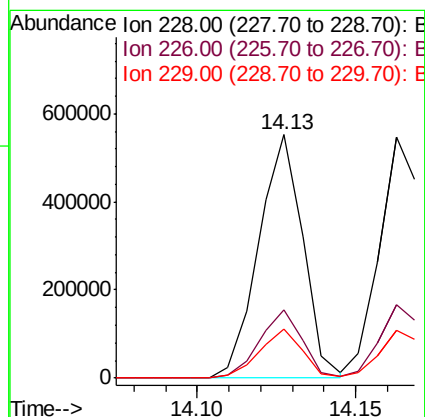
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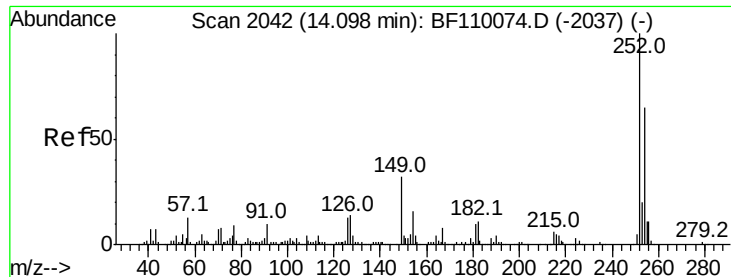
Sohil
11/6/2018 9:00:55 AM



#81
Benzo(a)anthracene
Concen: 47.773 ng
RT: 14.13 min Scan# 2047
Delta R.T. 0.00 min
Lab File: BF110464.D
Acq: 5 Nov 2018 14:55

Tgt Ion	Ratio	Resp	Lower	Upper
228	100			
226	27.8	22.1	33.1	
229	20.0	15.6	23.4	





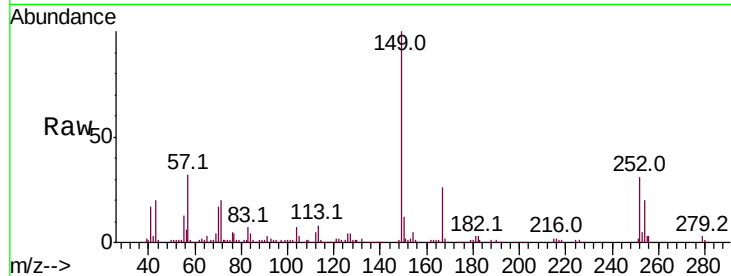
#82
 3,3'-Dichlorobenzidine
 Concen: 25.337 ng
 RT: 14.08 min Scan# 2039
 Delta R.T. -0.01 min
 Lab File: BF110464.D
 Acq: 5 Nov 2018 14:55

Instrument :
 BNA_F
 ClientSampleId :
 HL-R25951-RTMS

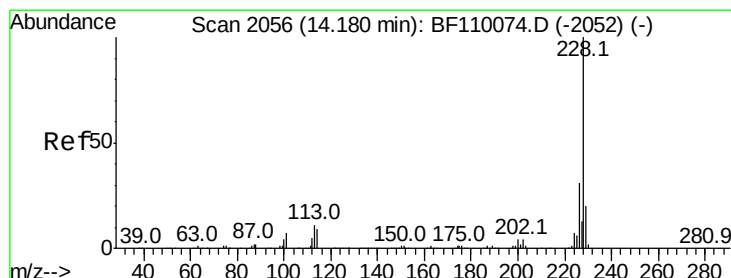
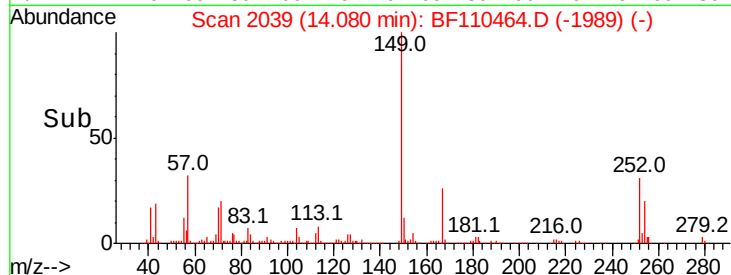
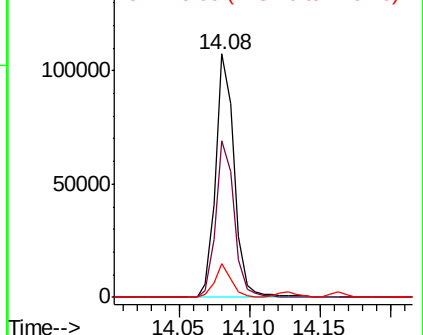
Tot Ion	Ratio	Lower	Upper
252	100		
254	64.5	51.3	76.9
126	13.9	9.4	14.2

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 11/6/2018 9:00:55 AM



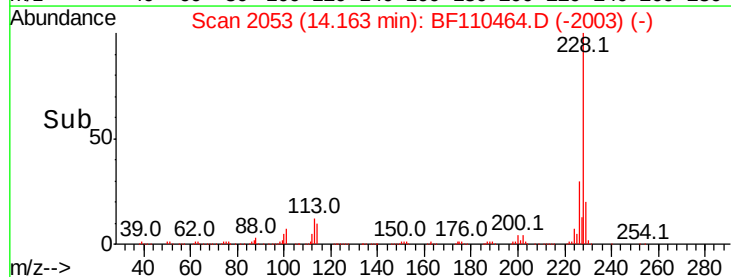
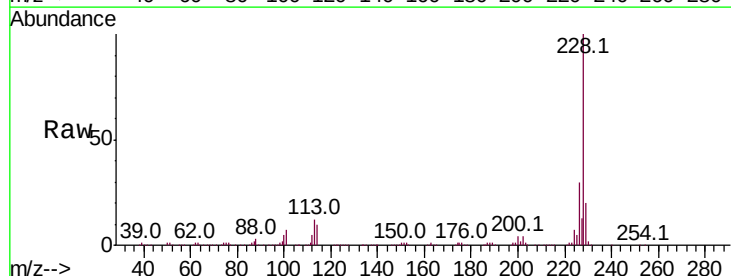
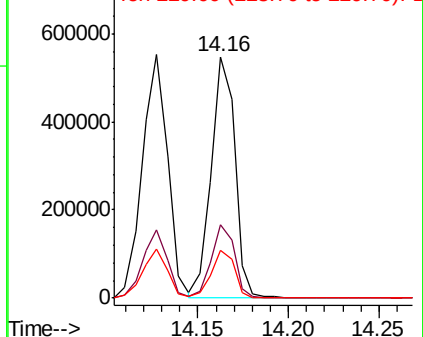
Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

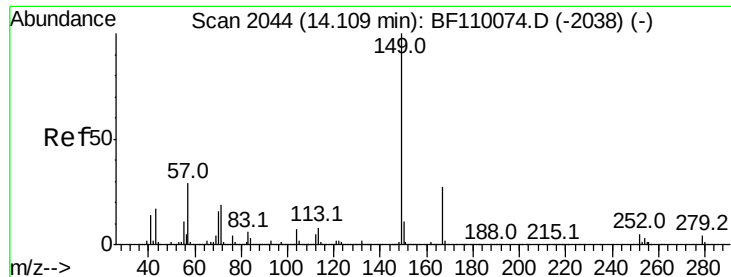


#83
 Chrysene
 Concen: 46.605 ng
 RT: 14.16 min Scan# 2053
 Delta R.T. -0.01 min
 Lab File: BF110464.D
 Acq: 5 Nov 2018 14:55

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.3	24.7	37.1
229	20.0	15.9	23.9

Abundance Ion 228.00 (227.70 to 228.70): E
 Ion 226.00 (225.70 to 226.70): E
 Ion 229.00 (228.70 to 229.70): E





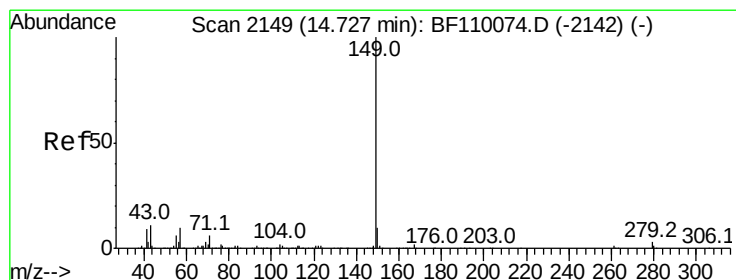
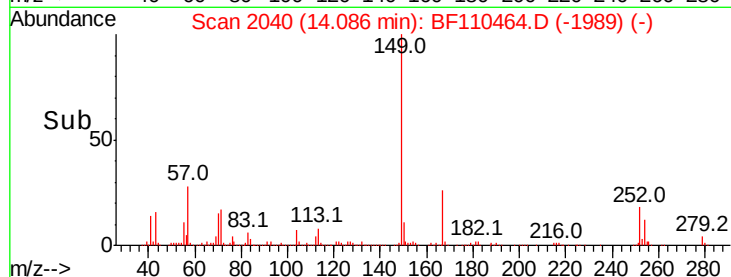
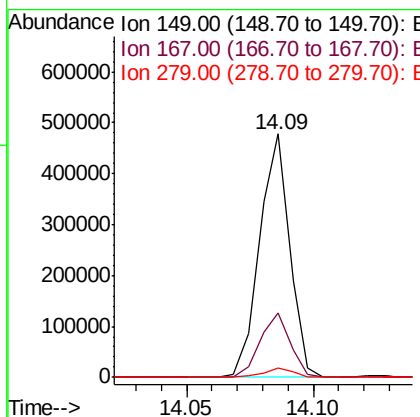
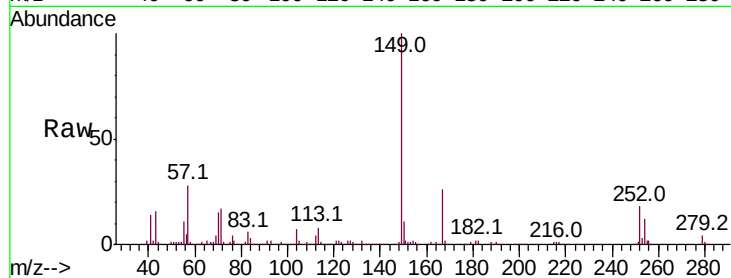
#84
 Bis(2-ethylhexyl)phthalate
 Concen: 50.066 ng
 RT: 14.09 min Scan# 2040
 Delta R.T. 0.00 min
 Lab File: BF110464.D
 Acq: 5 Nov 2018 14:55

Instrument :
 BNA_F
 ClientSampleId :
 HL-R25951-RTMS

Tot Ion	Ratio	Resp	Lower	Upper
149	100	398284		
167	26.3	19.8	29.8	
279	3.7	2.7	4.1	

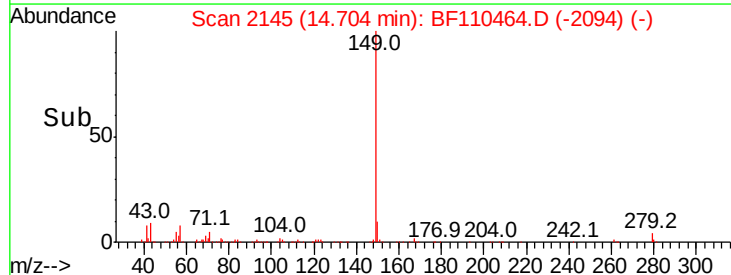
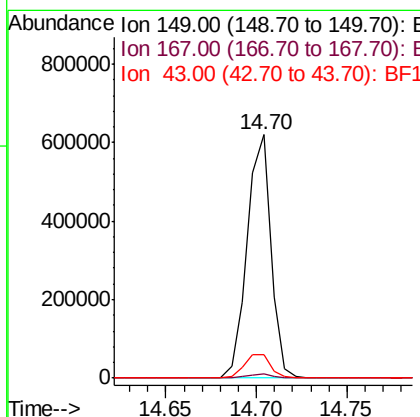
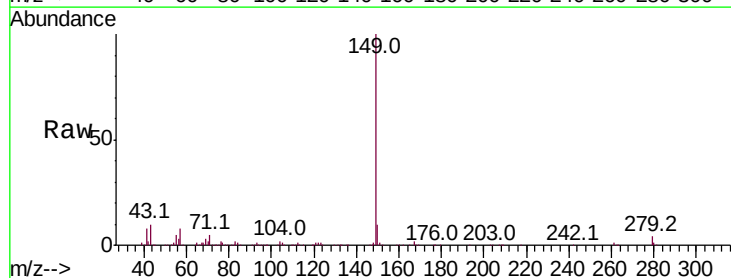
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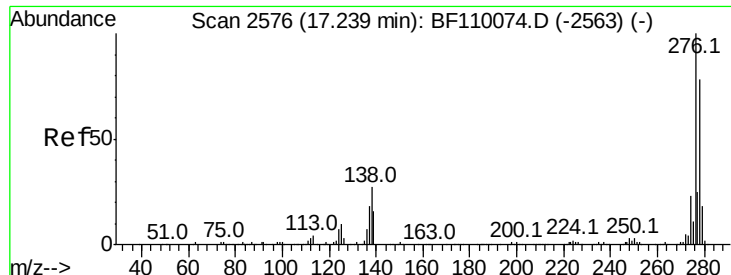
Sohil
 11/6/2018 9:00:55 AM



#85
 Di-n-octyl phthalate
 Concen: 45.880 ng
 RT: 14.70 min Scan# 2145
 Delta R.T. 0.00 min
 Lab File: BF110464.D
 Acq: 5 Nov 2018 14:55

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	567525		
167	1.6	1.1	1.7	
43	10.4	7.8	11.8	





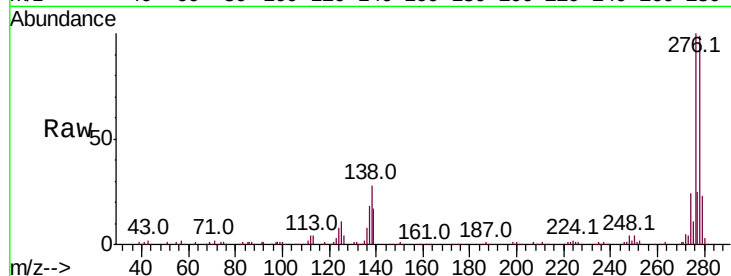
#86
 Indeno(1,2,3-cd)pyrene
 Concen: 59.080 ng
 RT: 17.24 min Scan# 2576
 Delta R.T. 0.01 min
 Lab File: BF110464.D
 Acq: 5 Nov 2018 14:55

Instrument :
 BNA_F
 ClientSampleId :
 HL-R25951-RTMS

Tot Ion	Ratio	Lower	Upper
276	100		
138	25.5	18.5	27.7
277	25.2	20.0	30.0

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 11/6/2018 9:00:55 AM

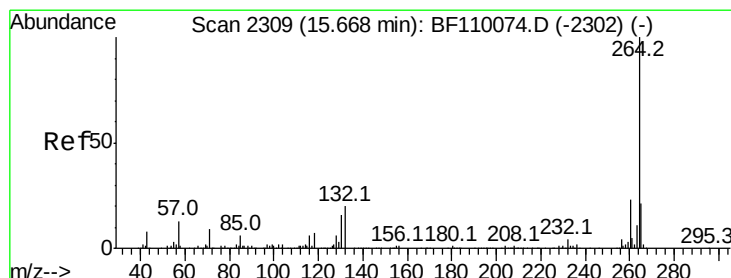
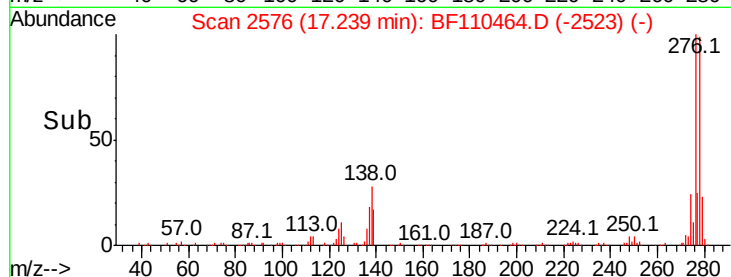
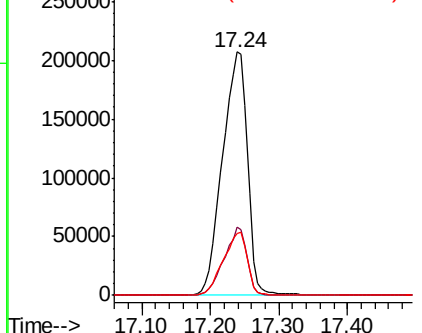


Abundance

Ion 276.00 (275.70 to 276.70): E

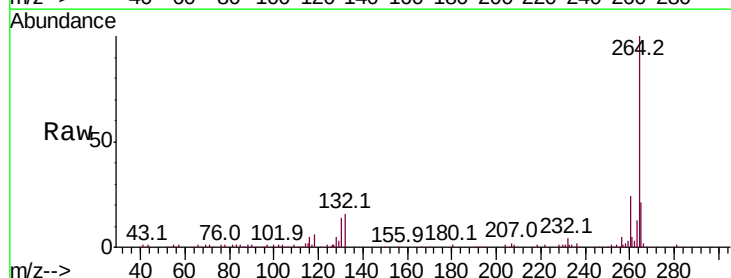
Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.66 min Scan# 2308
 Delta R.T. 0.01 min
 Lab File: BF110464.D
 Acq: 5 Nov 2018 14:55

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.6	18.7	28.1
265	21.2	16.7	25.1

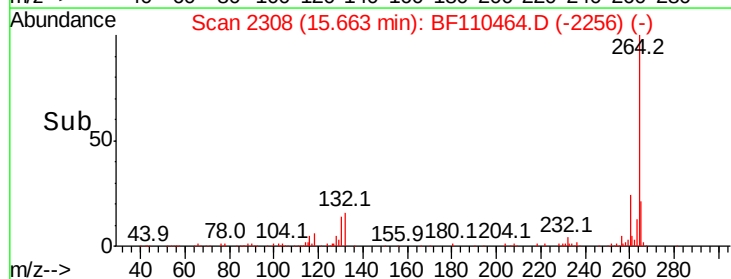
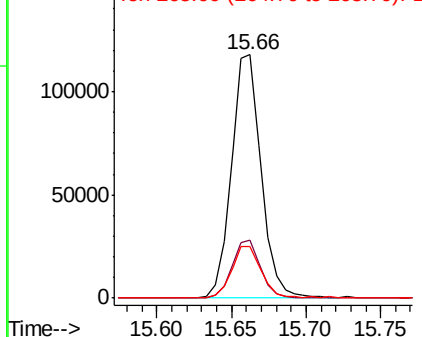


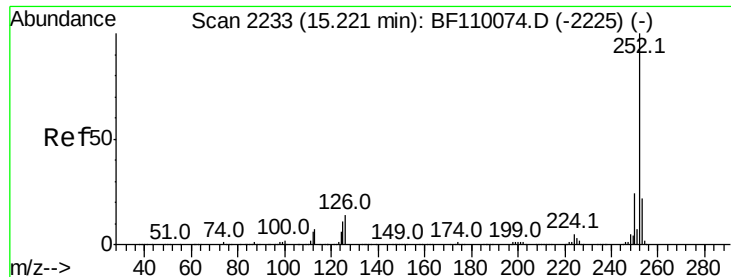
Abundance

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





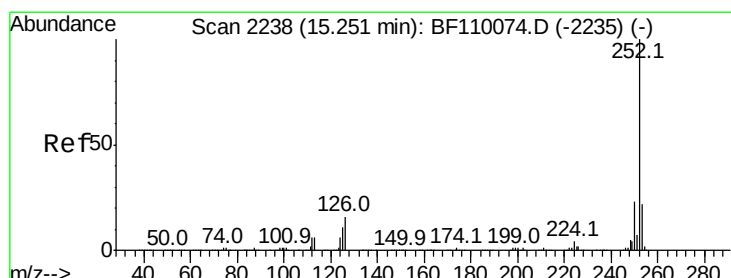
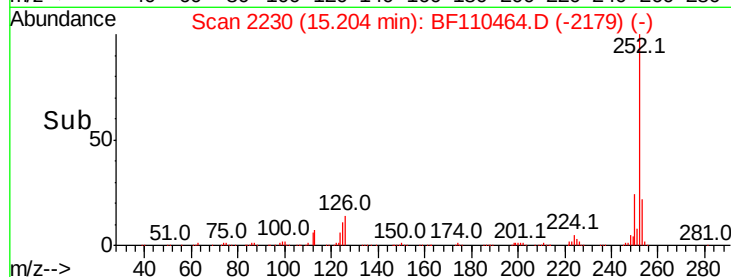
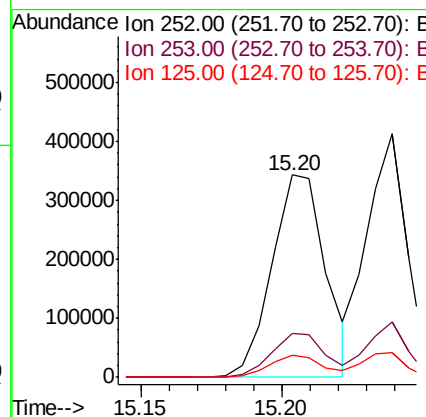
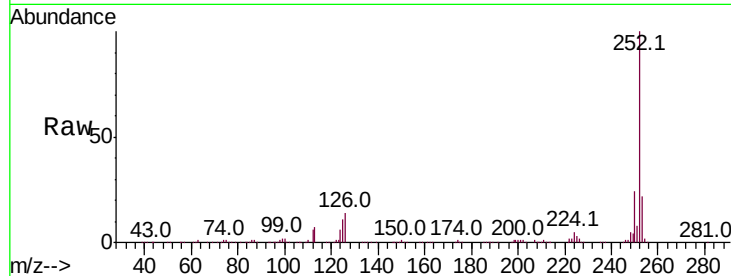
#88
Benzo(b)fluoranthene
Concen: 47.793 ng
RT: 15.20 min Scan# 2230
Delta R.T. 0.00 min
Lab File: BF110464.D
Acq: 5 Nov 2018 14:55

Instrument :
BNA_F
ClientSampleId :
HL-R25951-RTMS

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.0	17.2	25.8
125	11.0	8.2	12.4

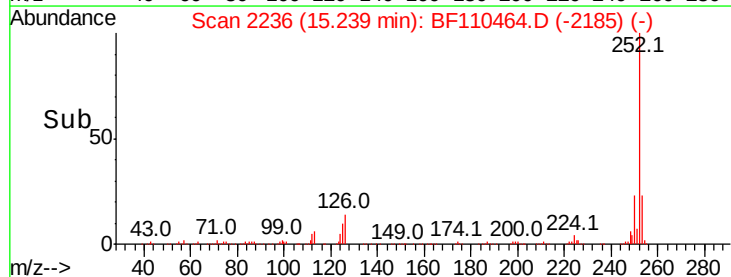
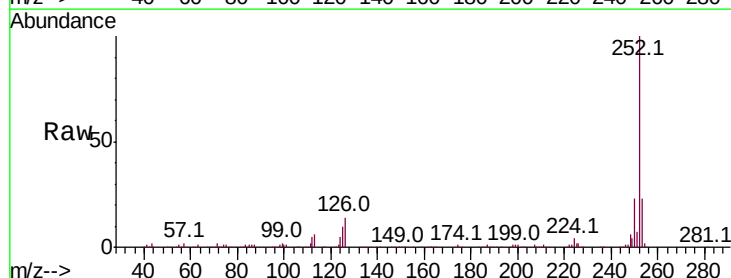
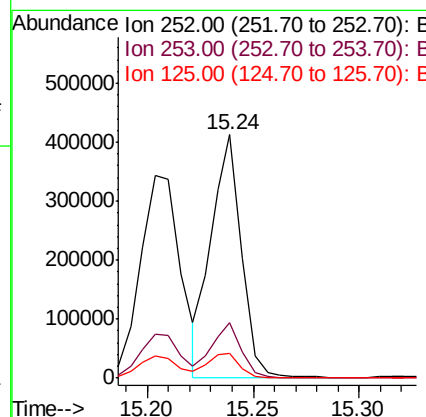
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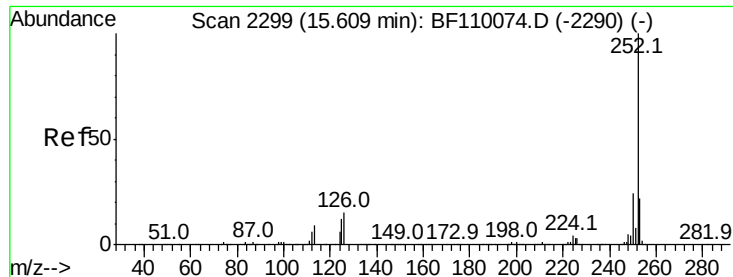
Sohil
11/6/2018 9:00:55 AM



#89
Benzo(k)fluoranthene
Concen: 44.007 ng
RT: 15.24 min Scan# 2236
Delta R.T. 0.00 min
Lab File: BF110464.D
Acq: 5 Nov 2018 14:55

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.5	17.2	25.8
125	10.2	7.4	11.0





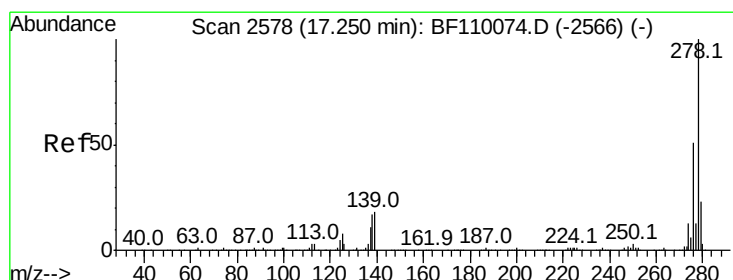
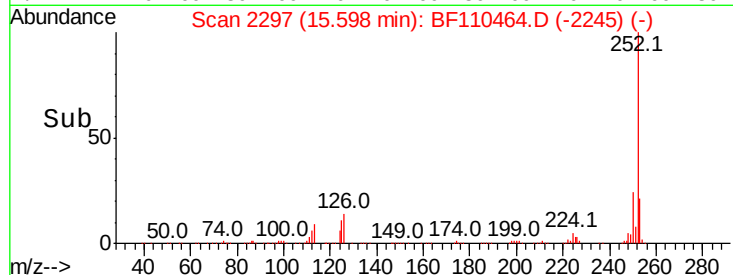
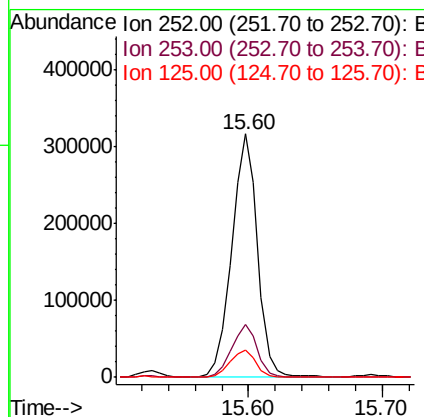
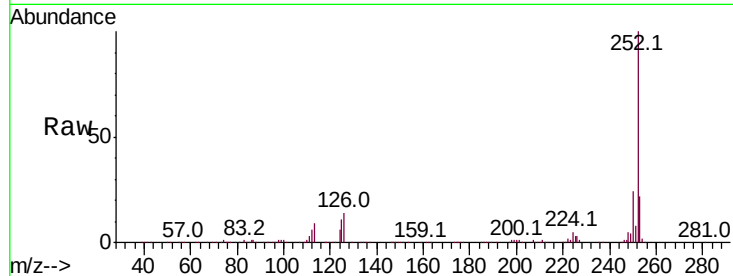
#90
Benzo(a)pyrene
Concen: 48.977 ng
RT: 15.60 min Scan# 2297
Delta R.T. 0.01 min
Lab File: BF110464.D
Acq: 5 Nov 2018 14:55

Instrument :
BNA_F
ClientSampleId :
HL-R25951-RTMS

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.5	18.2	27.4
125	11.3	9.0	13.6

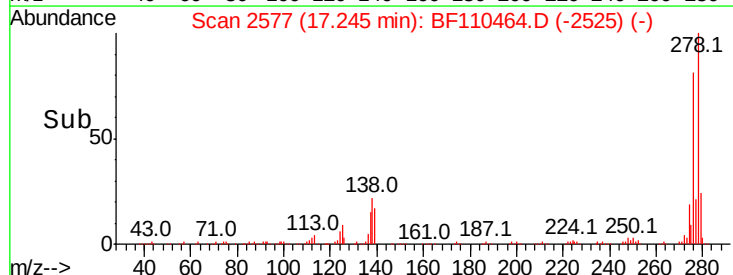
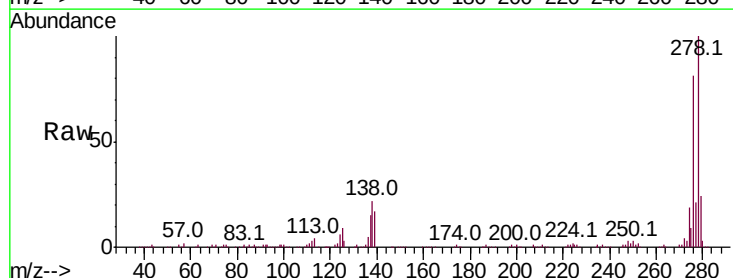
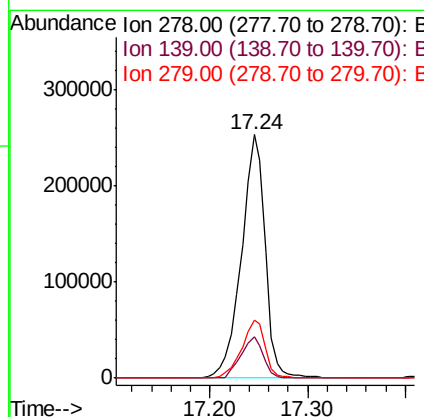
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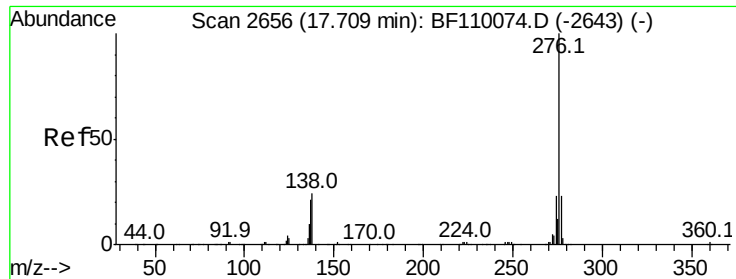
Sohil
11/6/2018 9:00:55 AM



#91
Dibenzo(a,h)anthracene
Concen: 56.774 ng
RT: 17.24 min Scan# 2577
Delta R.T. 0.01 min
Lab File: BF110464.D
Acq: 5 Nov 2018 14:55

Tgt Ion	Ratio	Lower	Upper
278	100		
139	17.0	12.7	19.1
279	24.1	19.0	28.4





#92
 Benzo(a,h,i)perylene
 Concen: 59.358 ng
 RT: 17.72 min Scan# 2657
 Delta R.T. 0.01 min
 Lab File: BF110464.D
 Acq: 5 Nov 2018 14:55

Instrument :
 BNA_F
 ClientSampleId :
 HL-R25951-RTMS

Tot Ion:	276	Resp:	439499
Ion Ratio	Lower	Upper	
276	100		
277	22.8	18.8	28.2
138	20.9	16.0	24.0

Manual Integrations
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Sohil
 11/6/2018 9:00:55 AM

