

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF102218\
 Data File : BF110041.D
 Acq On : 22 Oct 2018 11:32
 Operator : JU/SJ
 Sample : PB114001BS
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB114001BS

Manual Integrations
 APPROVED

Sohil
 10/23/2018 2:18:32 PM

Quant Time: Oct 23 02:20:24 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF101518.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Oct 16 14:58:24 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.97	152	163380	20.00	ng	-0.01
21) Naphthalene-d8	8.25	136	685617	20.00	ng	-0.02
39) Acenaphthene-d10	10.02	164	330810	20.00	ng	-0.01
64) Phenanthrene-d10	11.50	188	642839	20.00	ng	-0.01
76) Chrysene-d12	14.15	240	490604	20.00	ng	-0.01
87) Perylene-d12	15.67	264	365343	20.00	ng	-0.02

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.60	112	1330120	129.05	ng	0.00
7) Phenol-d6	6.60	99	1685607	131.70	ng	0.00
23) Nitrobenzene-d5	7.53	82	886440	87.10	ng	-0.02
42) 2,4,6-Tribromophenol	10.81	330	427675	149.32	ng	0.00
45) 2-Fluorobiphenyl	9.33	172	1652402	79.70	ng	-0.01
79) Terphenyl-d14	13.09	244	1677614	71.81	ng	-0.02

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	2.94	88	181987	31.087	ng	91
3) Pyridine	3.69	79	506068	38.775	ng	87
4) n-Nitrosodimethylamine	3.65	42	230655	43.323	ng	# 95
6) Aniline	6.63	93	565893	32.810	ng	# 53
8) 2-Chlorophenol	6.76	128	473196	40.986	ng	98
9) Benzaldehyde	6.52	77	265448	31.916	ng	95
10) Phenol	6.61	94	563870	40.806	ng	# 63
11) bis(2-Chloroethyl)ether	6.70	93	443371	38.374	ng	92
12) 1,3-Dichlorobenzene	6.91	146	510788	40.347	ng	98
13) 1,4-Dichlorobenzene	6.99	146	516128	40.481	ng	98
14) 1,2-Dichlorobenzene	7.14	146	479527	40.843	ng	99
15) Benzyl Alcohol	7.11	79	415937	42.242	ng	92
16) 2,2'-oxybis(1-Chloropropan	7.24	45	742978	39.179	ng	68
17) 2-Methylphenol	7.21	107	391139	42.013	ng	# 82
18) Hexachloroethane	7.48	117	191480	42.497	ng	95
19) n-Nitroso-di-n-propylamine	7.37	70	321692	39.146	ng	93
20) 3+4-Methylphenols	7.36	107	494927	41.893	ng	93
22) Acetophenone	7.37	105	644468	40.533	ng	# 95
24) Nitrobenzene	7.55	77	484325	43.804	ng	95
25) Isophorone	7.79	82	893840	44.696	ng	96
26) 2-Nitrophenol	7.87	139	235550	51.382	ng	90
27) 2,4-Dimethylphenol	7.90	122	443853	46.078	ng	98
28) bis(2-Chloroethoxy)methane	8.00	93	567368	41.339	ng	98
29) 2,4-Dichlorophenol	8.10	162	397731	42.563	ng	99
30) 1,2,4-Trichlorobenzene	8.19	180	425556	40.673	ng	96
31) Naphthalene	8.27	128	1366969	43.479	ng	99
32) Benzoic acid	8.02	122	264961	44.147	ng	89
33) 4-Chloroaniline	8.32	127	333724	23.613	ng	97
34) Hexachlorobutadiene	8.39	225	235505	40.819	ng	98
35) Caprolactam	8.69	113	143288m	43.177	ng	
36) 4-Chloro-3-methylphenol	8.80	107	427651	43.382	ng	94
37) 2-Methylnaphthalene	8.97	142	947567	46.544	ng	99
38) 1-Methylnaphthalene	9.07	142	886308	44.928	ng	99
40) 1,2,4,5-Tetrachlorobenzene	9.13	216	395343	38.800	ng	98

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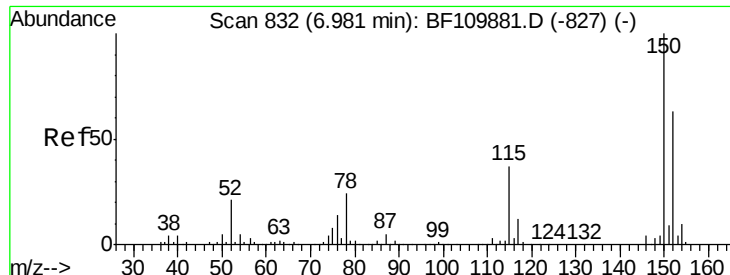
Manual Integrations
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 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF101518.M
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	9.12	237	506789	103.049	nq	100
43) 2,4,6-Trichlorophenol	9.24	196	267364	41.964	nq	97
44) 2,4,5-Trichlorophenol	9.28	196	283978	42.945	nq	95
46) 1,1'-Biphenyl	9.43	154	1129925	38.337	nq	98
47) 2-Chloronaphthalene	9.46	162	867458	39.956	nq	99
48) 2-Nitroaniline	9.55	65	270415	48.535	nq	97
49) Acenaphthylene	9.87	152	1354723	42.953	nq	98
50) Dimethylphthalate	9.73	163	989020	42.222	nq	99
51) 2,6-Dinitrotoluene	9.79	165	222317	49.969	nq	97
52) Acenaphthene	10.05	154	928950	46.263	nq	98
53) 3-Nitroaniline	9.96	138	181143	33.470	nq	91
54) 2,4-Dinitrophenol	10.07	184	178684	120.941	nq	89
55) Dibenzofuran	10.22	168	1191344	41.603	nq	98
56) 4-Nitrophenol	10.13	139	538210	130.332	nq	88
57) 2,4-Dinitrotoluene	10.20	165	301083	53.041	nq	91
58) Fluorene	10.56	166	936771	44.938	nq	100
59) 2,3,4,6-Tetrachlorophenol	10.33	232	240606	45.911	nq	94
60) Diethylphthalate	10.43	149	967515	41.819	nq	99
61) 4-Chlorophenyl-phenylether	10.55	204	443462	40.839	nq	98
62) 4-Nitroaniline	10.59	138	256517	50.071	nq	92
63) Azobenzene	10.72	77	975436	40.358	nq	94
65) 4,6-Dinitro-2-methylphenol	10.61	198	115446	49.313	nq	98
66) n-Nitrosodiphenylamine	10.67	169	836672	39.078	nq	96
67) 4-Bromophenyl-phenylether	11.05	248	274441	39.393	nq	96
68) Hexachlorobenzene	11.11	284	281681	37.916	nq	# 93
69) Atrazine	11.20	200	279714	41.824	nq	98
70) Pentachlorophenol	11.30	266	301424	71.294	nq	98
71) Phenanthrene	11.53	178	1415241	42.525	nq	100
72) Anthracene	11.58	178	1447240	43.255	nq	99
73) Carbazole	11.73	167	1288647	39.189	nq	100
74) Di-n-butylphthalate	12.05	149	1499711	40.866	nq	100
75) Fluoranthene	12.72	202	1456634	43.813	nq	100
77) Benzidine	12.84	184	919735	48.895	nq	97
78) Pyrene	12.95	202	1482423	41.140	nq	99
80) Butylbenzylphthalate	13.56	149	645778	44.329	nq	100
81) Benzo(a)anthracene	14.14	228	1257636	43.520	nq	99
82) 3,3'-Dichlorobenzidine	14.10	252	224603	22.170	nq	100
83) Chrysene	14.18	228	1155030	41.991	nq	99
84) Bis(2-ethylhexyl)phthalate	14.11	149	860965	44.915	nq	96
85) Di-n-octyl phthalate	14.73	149	1296520	47.975	nq	98
86) Indeno(1,2,3-cd)pyrene	17.23	276	869749	39.272	nq	# 95
88) Benzo(b)fluoranthene	15.22	252	1002644	47.603	nq	98
89) Benzo(k)fluoranthene	15.25	252	909626	43.815	nq	98
90) Benzo(a)pyrene	15.60	252	879153	45.383	nq	98
91) Dibenzo(a,h)anthracene	17.24	278	722182	42.066	nq	97
92) Benzo(g,h,i)perylene	17.71	276	714205	41.175	nq	95

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



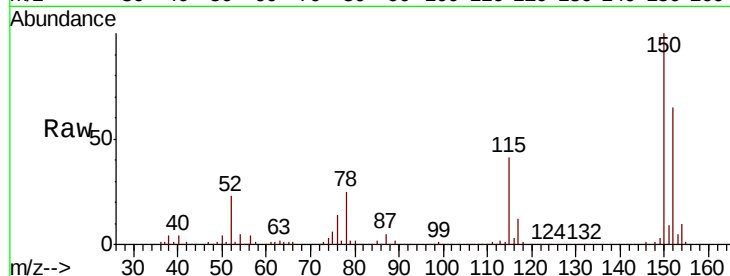
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.97 min Scan# 830
 Delta R.T. -0.01 min
 Lab File: BF110041.D
 Acq: 22 Oct 2018 11:32

Instrument :
 BNA_F
 ClientSampleId :
 PB114001BS

Tot Ion	Ratio	Lower	Upper
152	100		
150	153.7	122.7	184.1
115	63.1	49.1	73.7

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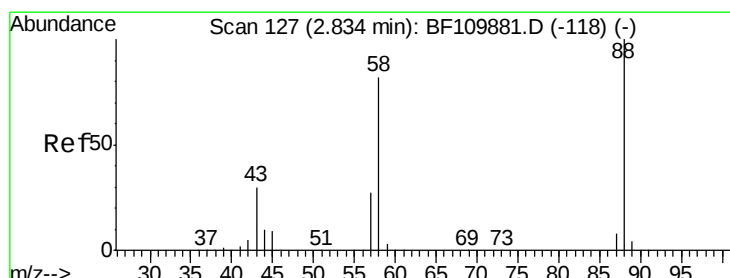
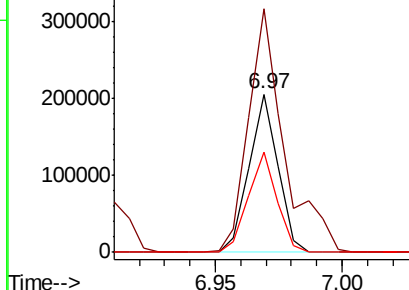
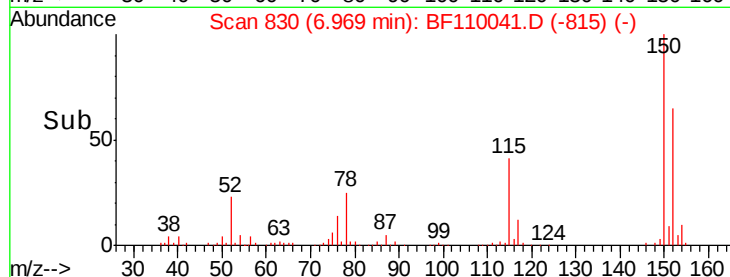


Abundance

Ion 152.00 (151.70 to 152.70): E

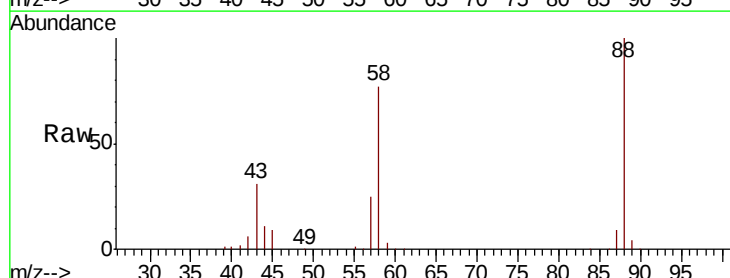
Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2
 1,4-Dioxane
 Concen: 31.087 ng
 RT: 2.94 min Scan# 145
 Delta R.T. 0.09 min
 Lab File: BF110041.D
 Acq: 22 Oct 2018 11:32

Tgt Ion	Ratio	Lower	Upper
88	100		
58	80.7	57.1	85.7
43	31.9	24.1	36.1

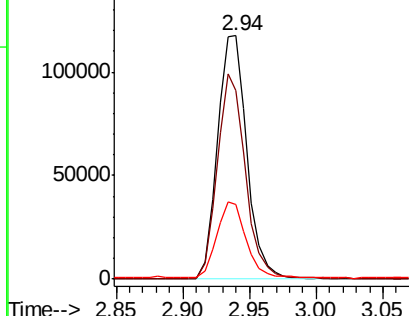
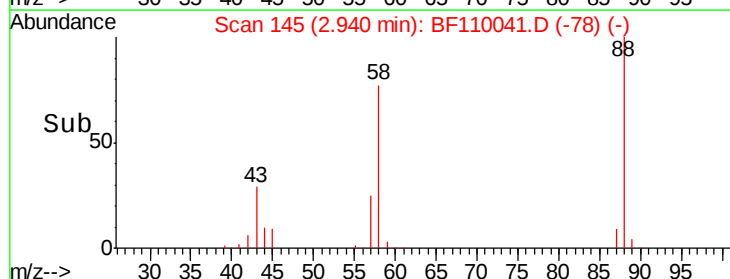


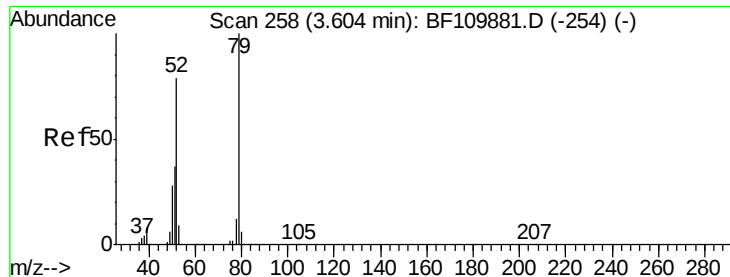
Abundance

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: 38.775 ng

RT: 3.69 min Scan# 272

Delta R.T. 0.07 min

Lab File: BF110041.D

Acq: 22 Oct 2018 11:32

Instrument :

BNA_F

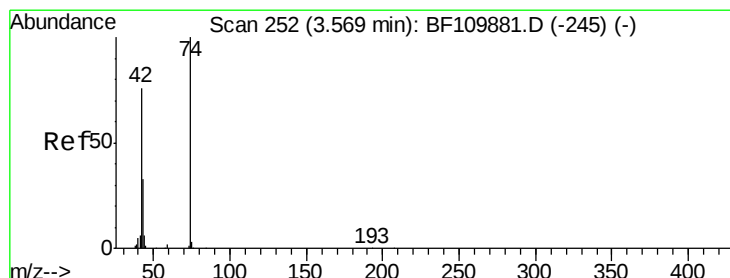
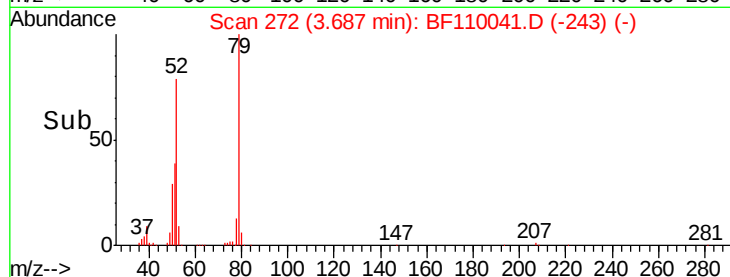
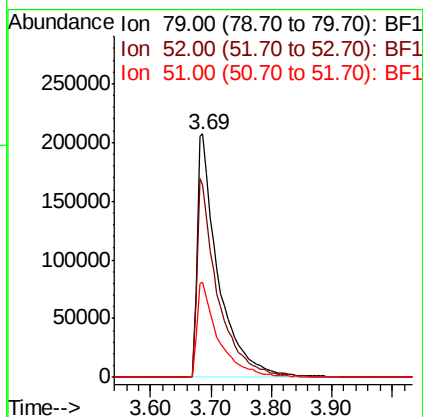
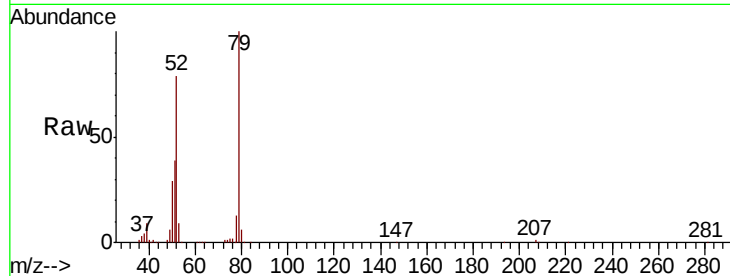
ClientSampleId :

PB114001BS

Tot Ion:	79	Resp:	506068
Ion Ratio	Lower	Upper	
79	100		
52	79.2	53.1	79.7
51	39.1	27.4	41.2

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#4

n-Nitrosodimethylamine

Concen: 43.323 ng

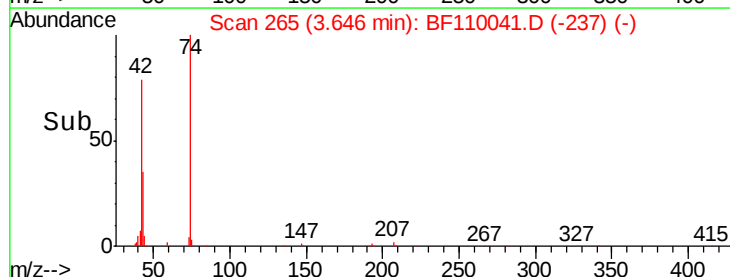
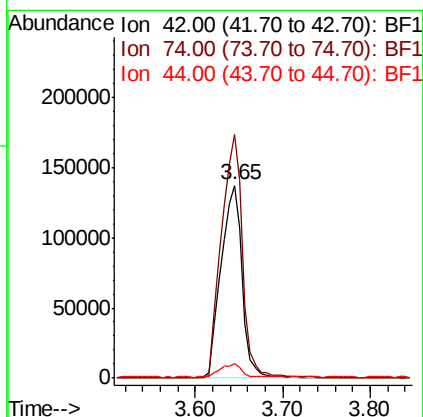
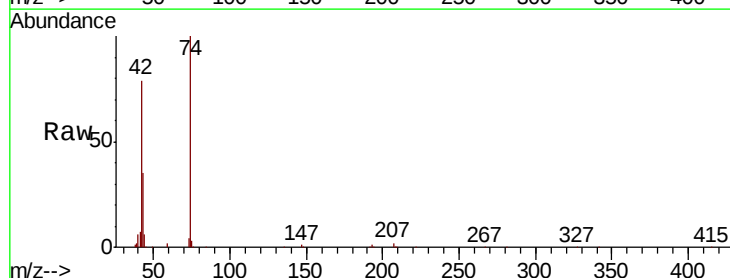
RT: 3.65 min Scan# 265

Delta R.T. 0.06 min

Lab File: BF110041.D

Acq: 22 Oct 2018 11:32

Tgt Ion:	42	Resp:	230655
Ion Ratio	Lower	Upper	
42	100		
74	126.1	105.5	158.3
44	7.4	4.9	7.3#





#5

2-Fluorophenol

Concen: 129.050 ng

RT: 5.60 min Scan# 598

Delta R.T. 0.01 min

Lab File: BF110041.D

Acq: 22 Oct 2018 11:32

Instrument :

BNA_F

ClientSampleId :

PB114001BS

Tot Ion:112 Resp: 1330120

Ion Ratio Lower Upper

112 100

64 60.6 44.1 66.1

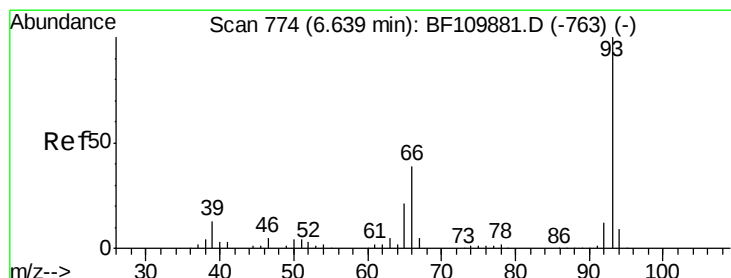
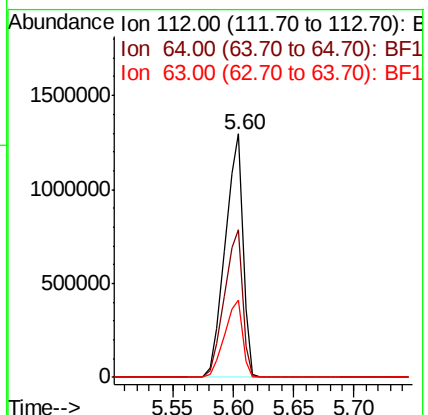
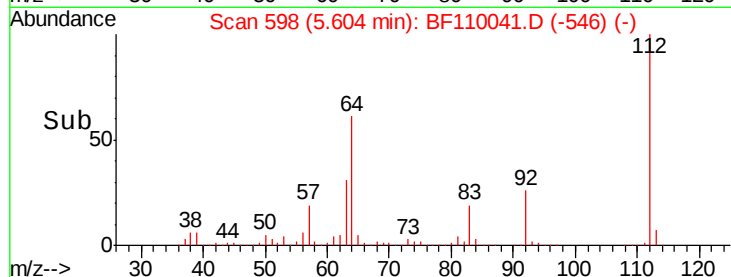
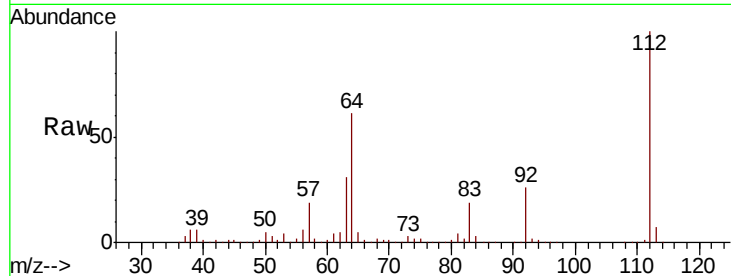
63 31.5 23.7 35.5

Manual Integrations

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#6

Aniline

Concen: 32.810 ng

RT: 6.63 min Scan# 773

Delta R.T. -0.01 min

Lab File: BF110041.D

Acq: 22 Oct 2018 11:32

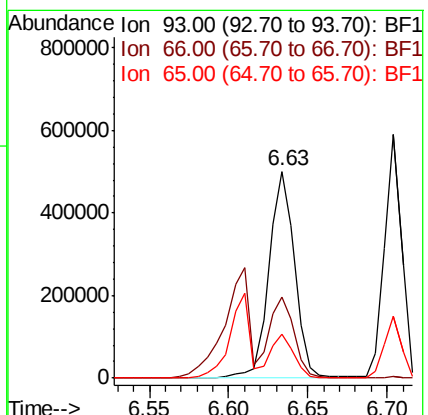
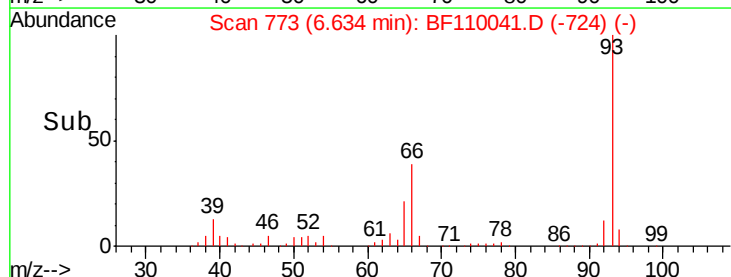
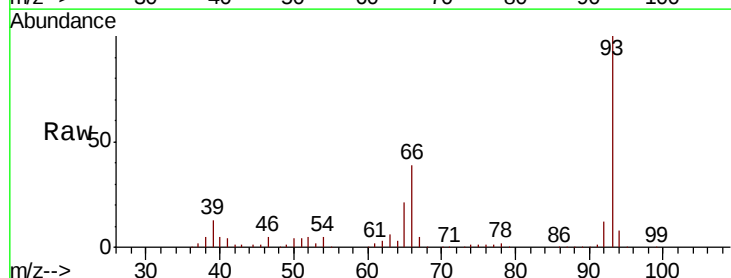
Tgt Ion: 93 Resp: 565893

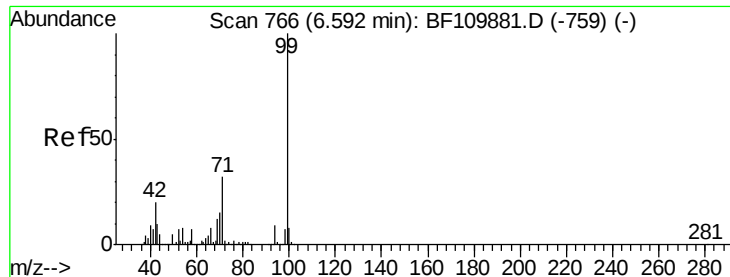
Ion Ratio Lower Upper

93 100

66 39.3 67.4 101.0#

65 21.3 41.0 61.4#





#7

Phenol-d6

Concen: 131.703 ng

RT: 6.60 min Scan# 767

Delta R.T. -0.01 min

Lab File: BF110041.D

Acq: 22 Oct 2018 11:32

Instrument :

BNA_F

ClientSampleId :

PB114001BS

Tot Ion: 99 Resp: 1685607

Ion Ratio Lower Upper

99 100

42 19.6 15.8 23.6

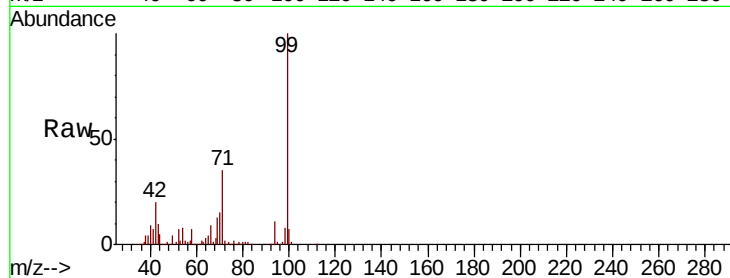
71 34.5 28.0 42.0

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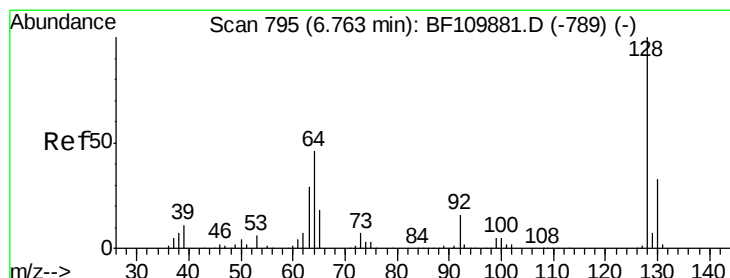
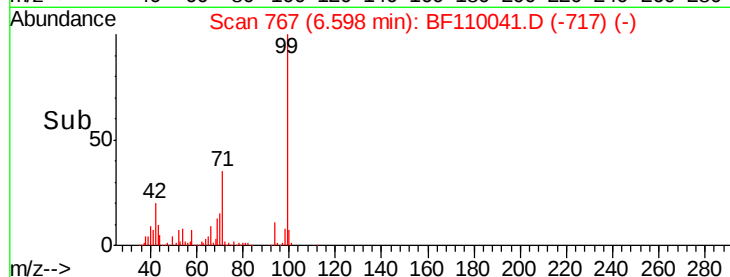
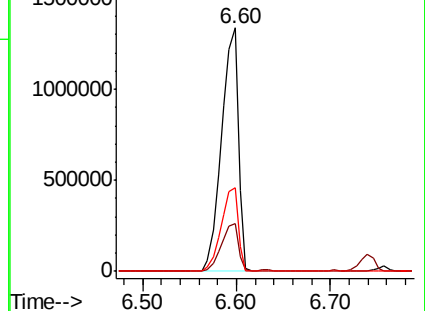
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Abundance Ion 99.00 (98.70 to 99.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 71.00 (70.70 to 71.70): BF1



#8

2-Chlorophenol

Concen: 40.986 ng

RT: 6.76 min Scan# 794

Delta R.T. -0.01 min

Lab File: BF110041.D

Acq: 22 Oct 2018 11:32

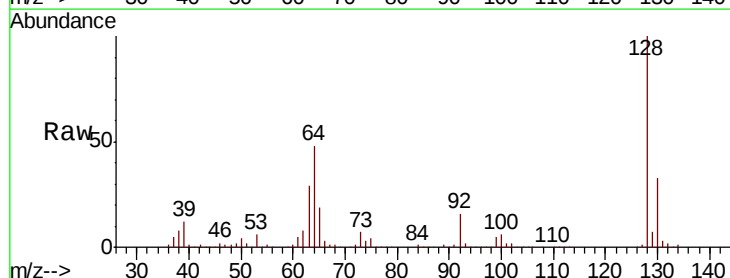
Tgt Ion:128 Resp: 473196

Ion Ratio Lower Upper

128 100

130 32.5 13.1 53.1

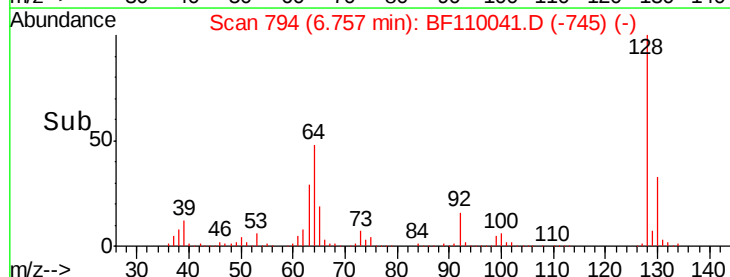
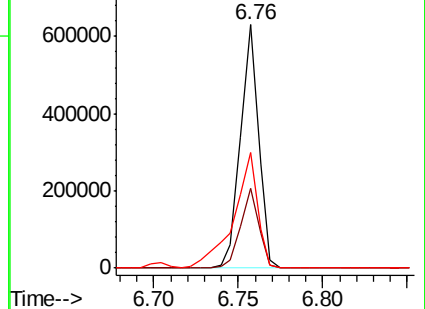
64 47.7 26.0 66.0

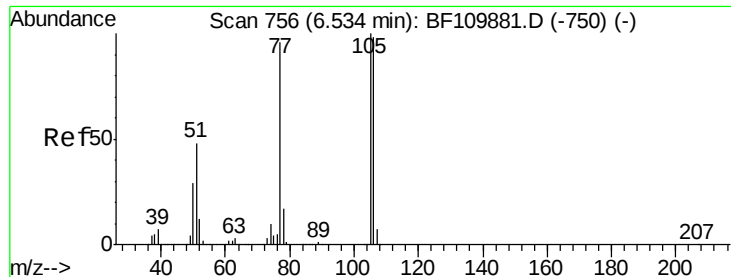


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF1





#9

Benzaldehyde

Concen: 31.916 ng

RT: 6.52 min Scan# 754

Delta R.T. -0.01 min

Lab File: BF110041.D

Acq: 22 Oct 2018 11:32

Instrument :

BNA_F

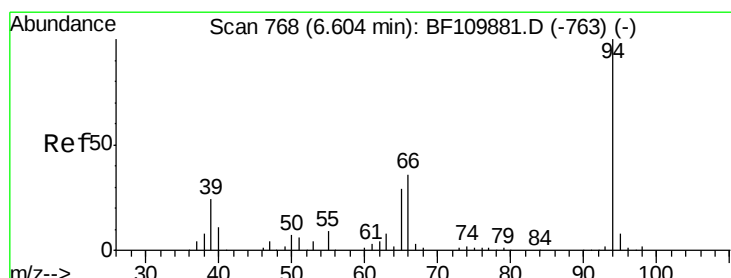
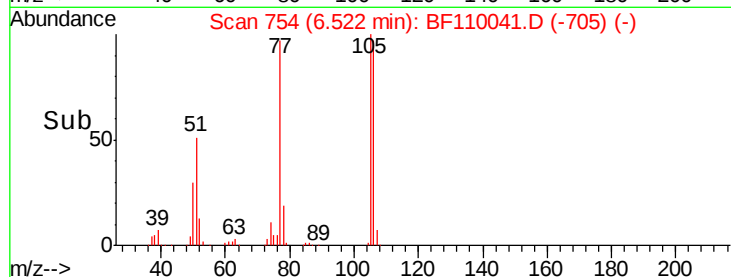
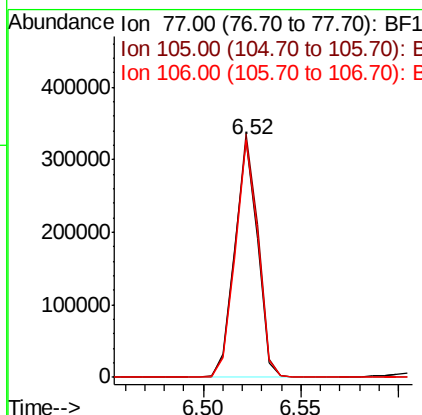
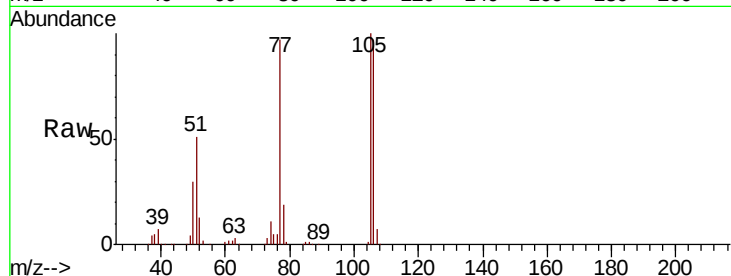
ClientSampleId :

PB114001BS

Tot Ion:	77	Resp:	265448
Ion	Ratio	Lower	Upper
77	100		
105	102.6	78.6	118.6
106	100.0	74.8	114.8

Manual Integrations
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#10

Phenol

Concen: 40.806 ng

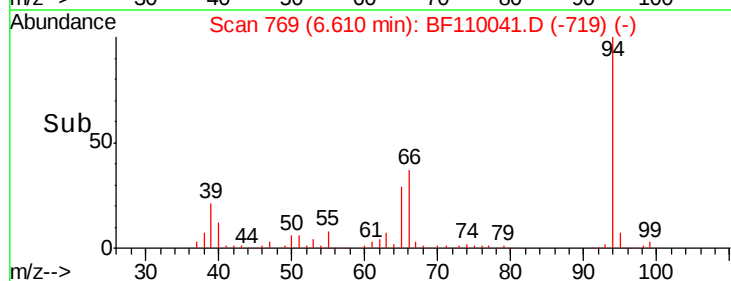
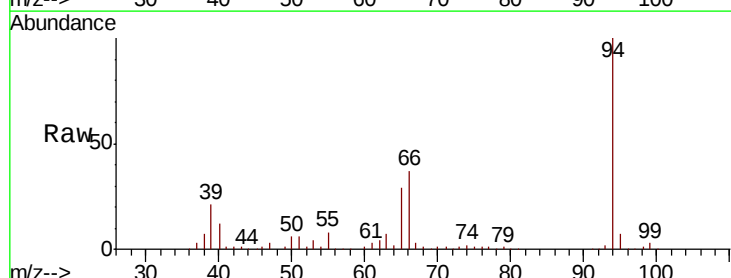
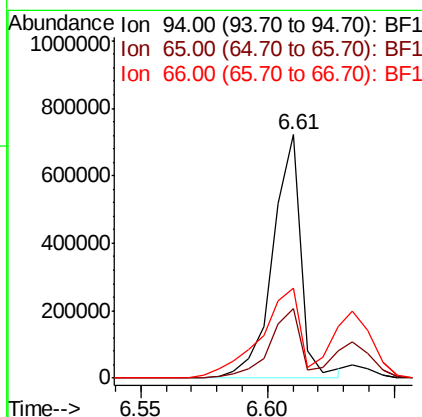
RT: 6.61 min Scan# 769

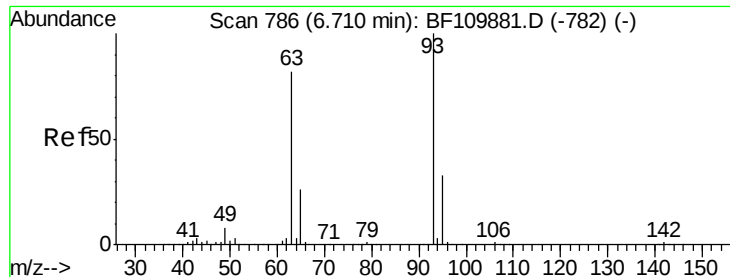
Delta R.T. -0.01 min

Lab File: BF110041.D

Acq: 22 Oct 2018 11:32

Tgt Ion:	94	Resp:	563870
Ion	Ratio	Lower	Upper
94	100		
65	28.7	25.3	65.3
66	36.9	54.5	94.5#





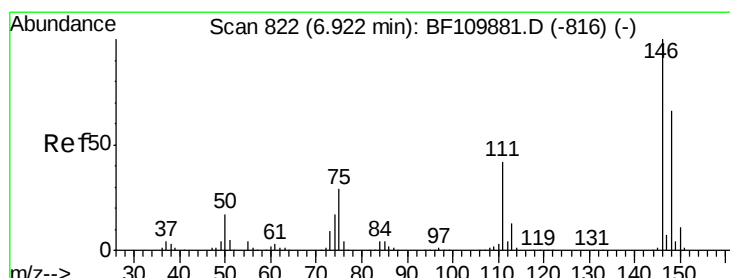
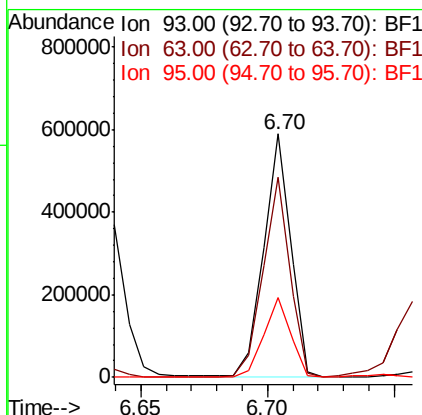
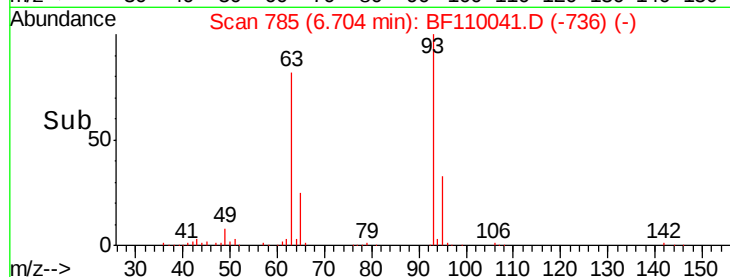
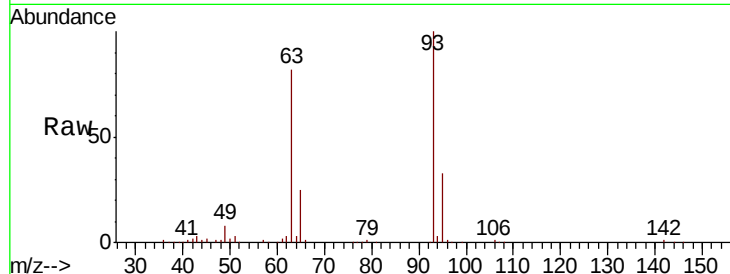
#11
bis(2-Chloroethyl)ether
Concen: 38.374 ng
RT: 6.70 min Scan# 785
Delta R.T. -0.01 min
Lab File: BF110041.D
Acq: 22 Oct 2018 11:32

Instrument :
BNA_F
ClientSampleId :
PB114001BS

Tot Ion:	93	Resp:	443371
Ion Ratio	Lower	Upper	
93	100		
63	82.0	53.4	93.4
95	33.0	12.1	52.1

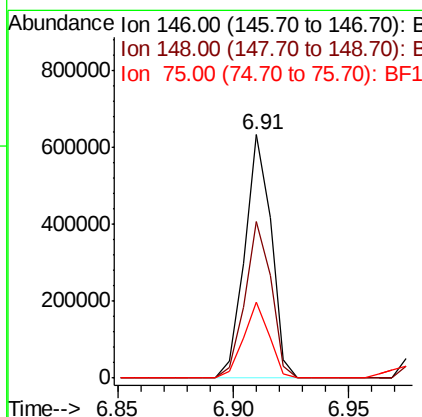
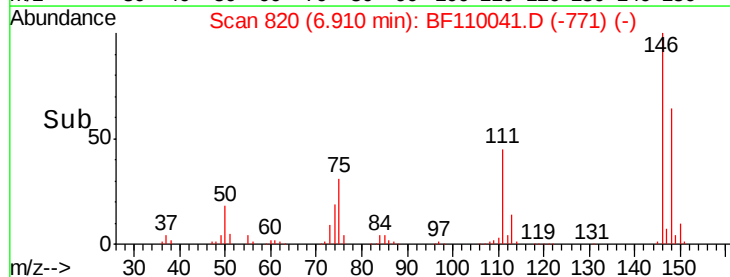
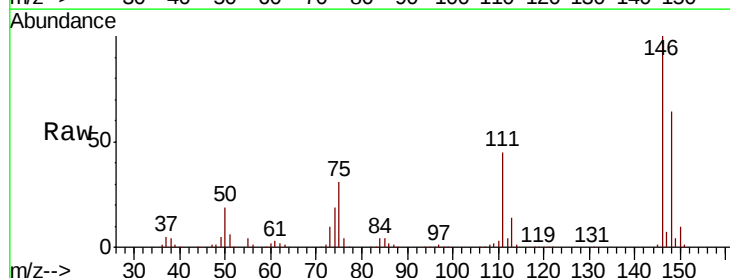
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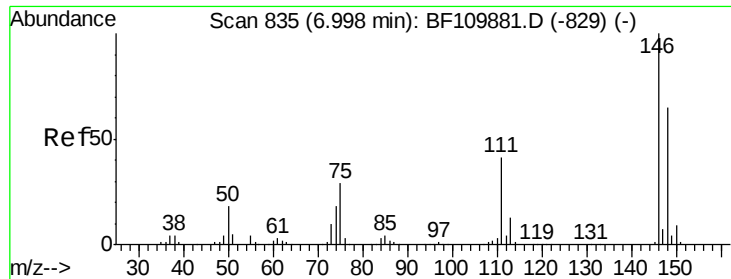
Sohil
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#12
1,3-Dichlorobenzene
Concen: 40.347 ng
RT: 6.91 min Scan# 820
Delta R.T. -0.01 min
Lab File: BF110041.D
Acq: 22 Oct 2018 11:32

Tgt Ion:	146	Resp:	510788
Ion Ratio	Lower	Upper	
146	100		
148	64.3	50.4	75.6
75	31.3	25.8	38.6





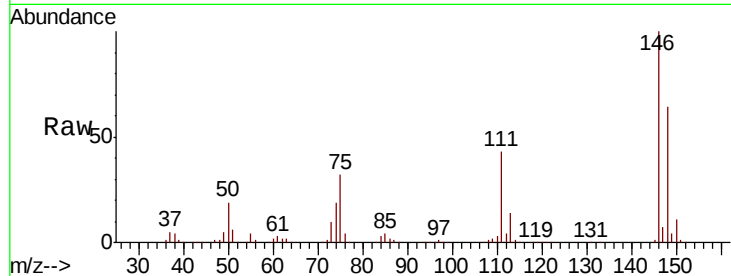
#13
 1,4-Dichlorobenzene
 Concen: 40.481 ng
 RT: 6.99 min Scan# 833
 Delta R.T. -0.01 min
 Lab File: BF110041.D
 Acq: 22 Oct 2018 11:32

Instrument :
 BNA_F
 ClientSampleId :
 PB114001BS

Tot Ion	Ratio	Lower	Upper
146	100		
148	63.7	50.3	75.5
111	43.5	32.7	49.1

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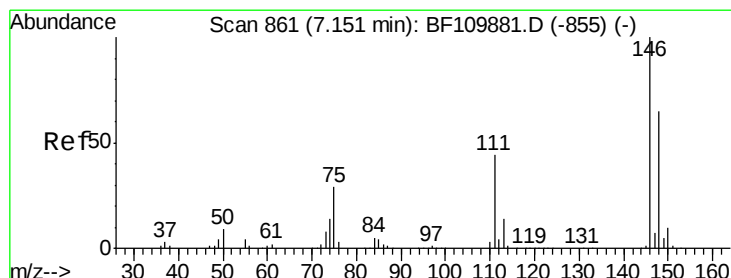
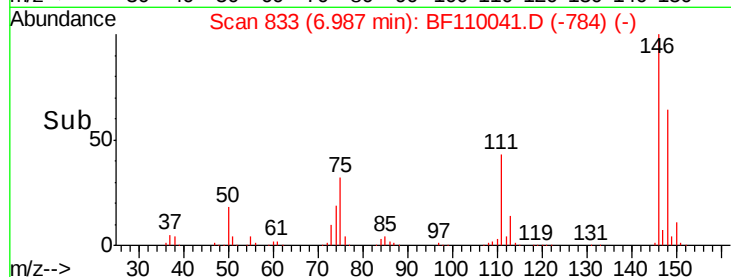
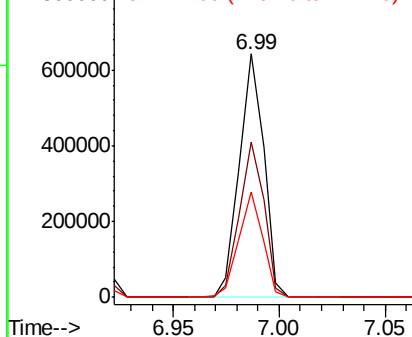


Abundance

Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14
 1,2-Dichlorobenzene
 Concen: 40.843 ng
 RT: 7.14 min Scan# 859
 Delta R.T. -0.02 min
 Lab File: BF110041.D
 Acq: 22 Oct 2018 11:32

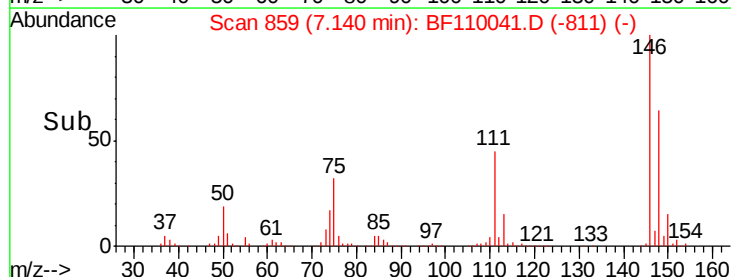
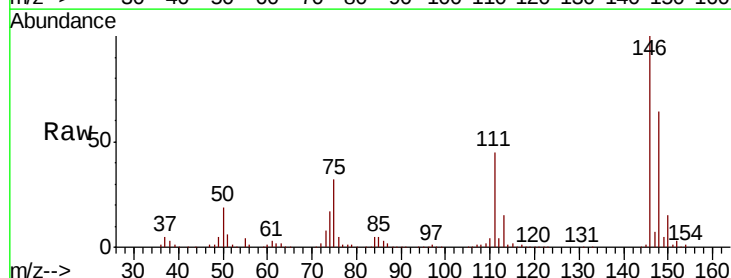
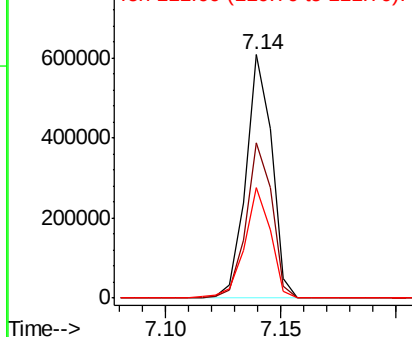
Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.6	51.1	76.7
111	45.4	35.8	53.6

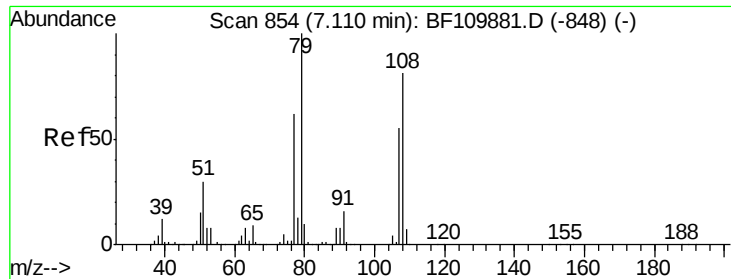
Abundance

Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 42.242 ng

RT: 7.11 min Scan# 854

Delta R.T. -0.01 min

Lab File: BF110041.D

Acq: 22 Oct 2018 11:32

Instrument :

BNA_F

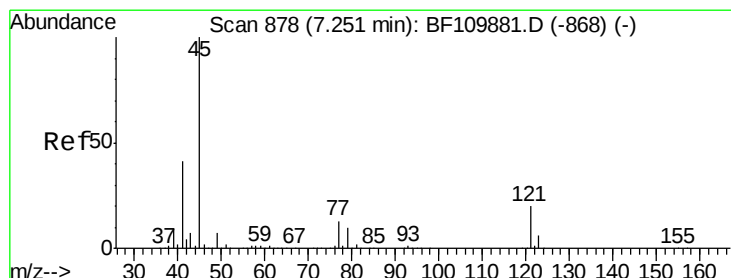
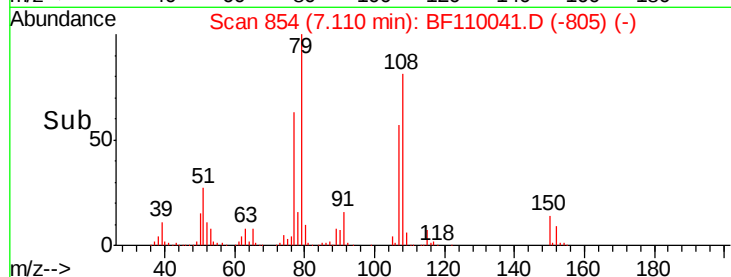
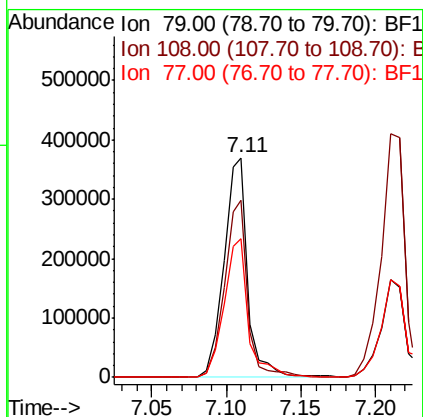
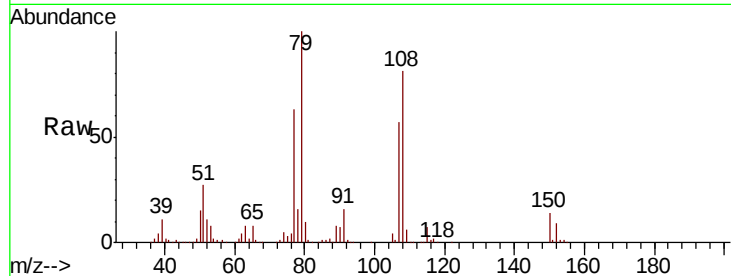
ClientSampled :

PB114001BS

Tot Ion:	79	Resp:	415937
Ion Ratio	Lower	Upper	
79	100		
108	80.5	56.3	84.5
77	63.2	52.9	79.3

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#16

2,2'-oxybis(1-Chloropropane)

Concen: 39.179 ng

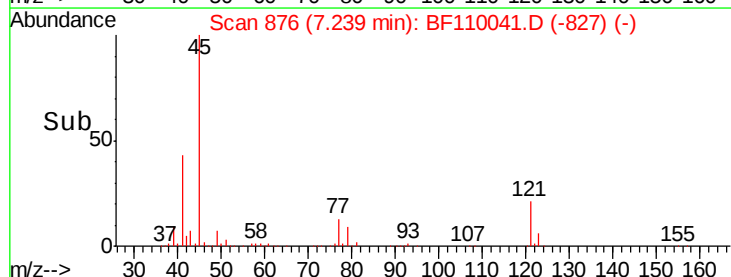
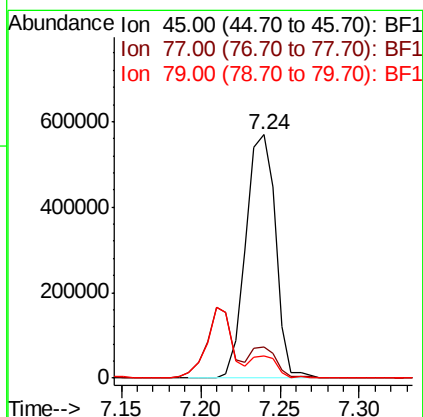
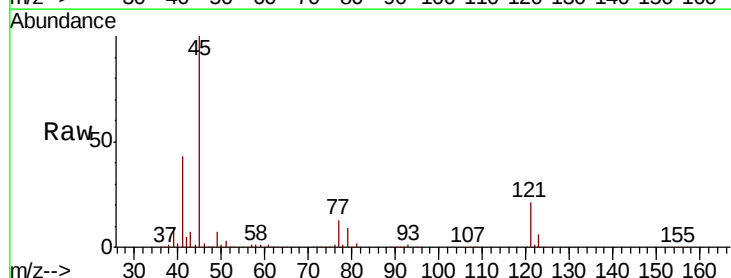
RT: 7.24 min Scan# 876

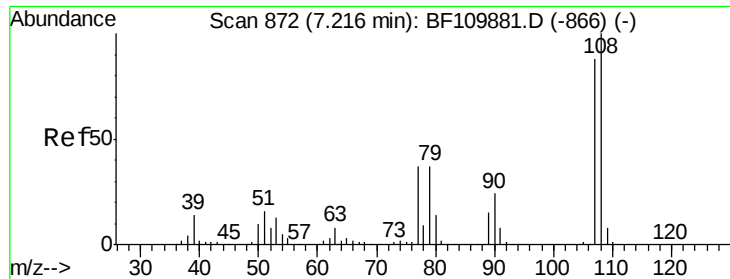
Delta R.T. -0.01 min

Lab File: BF110041.D

Acq: 22 Oct 2018 11:32

Tgt Ion:	45	Resp:	742978
Ion Ratio	Lower	Upper	
45	100		
77	12.8	10.0	50.0
79	9.4	6.1	46.1





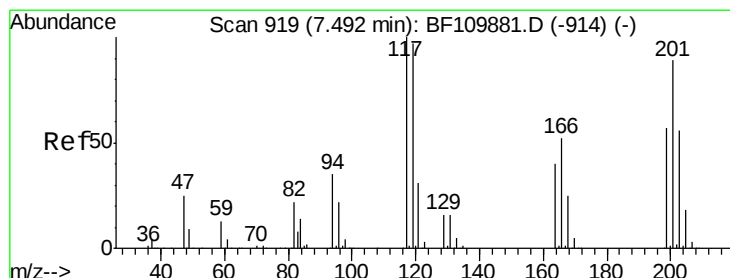
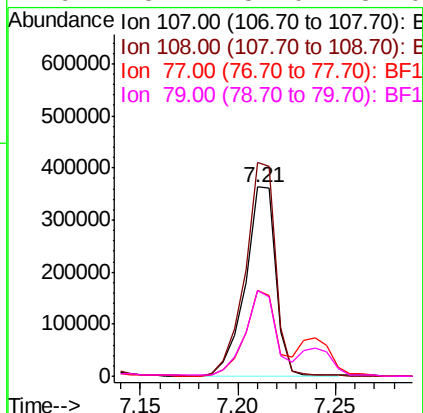
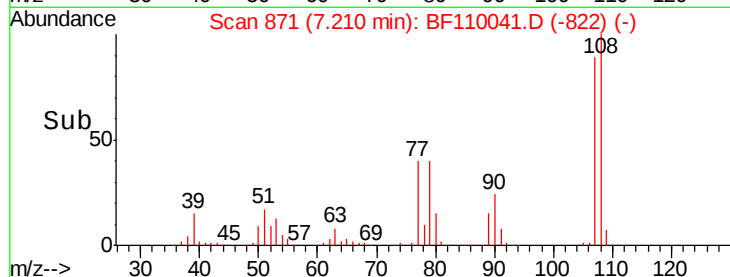
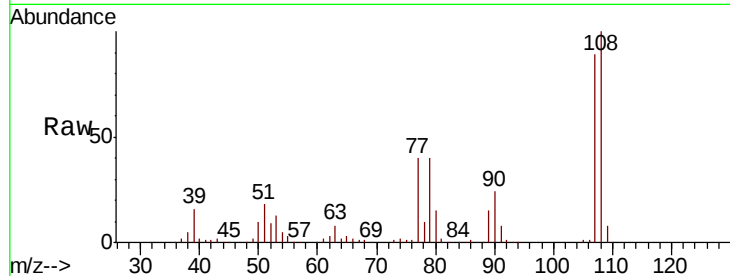
#17
2-Methylphenol
Concen: 42.013 ng
RT: 7.21 min Scan# 871
Delta R.T. -0.01 min
Lab File: BF110041.D
Acq: 22 Oct 2018 11:32

Instrument :
BNA_F
ClientSampleId :
PB114001BS

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	113.0	92.6	138.8	
77	45.6	59.4	89.2	
79	45.4	54.0	81.0	

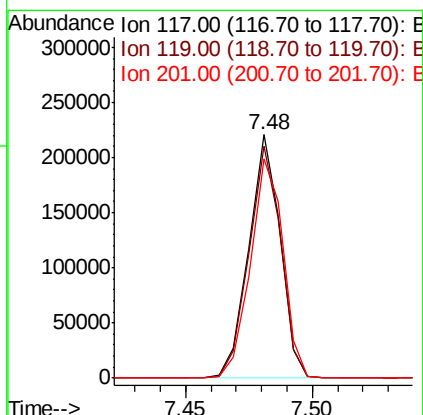
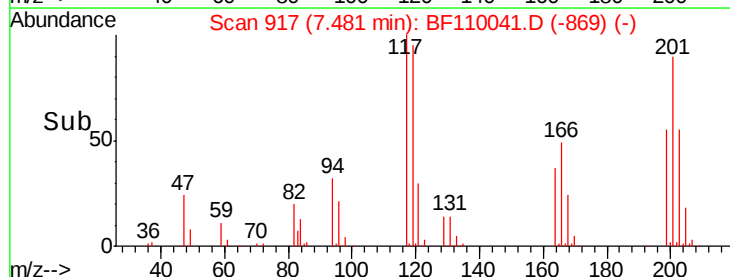
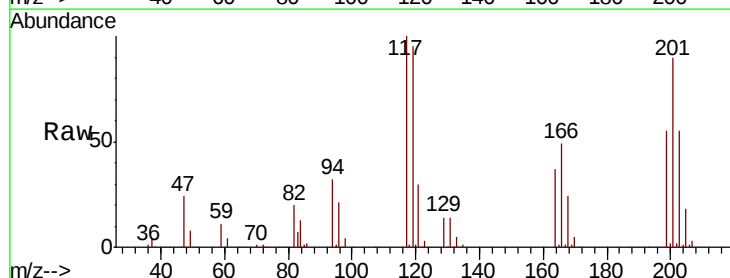
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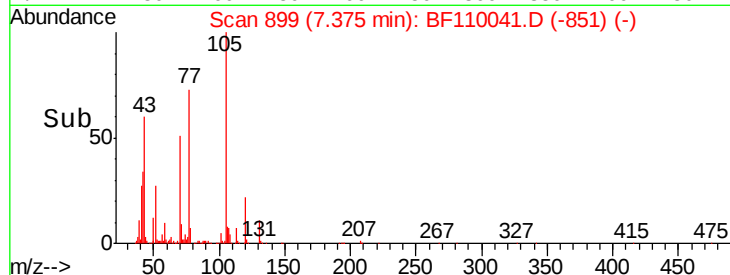
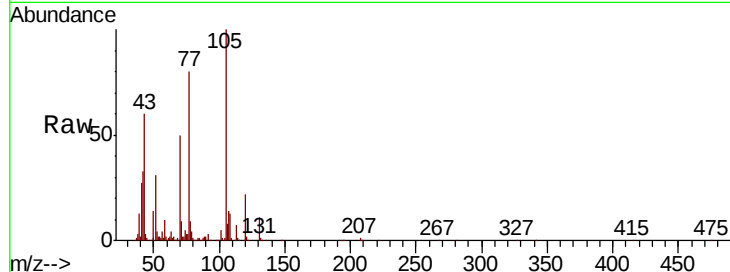
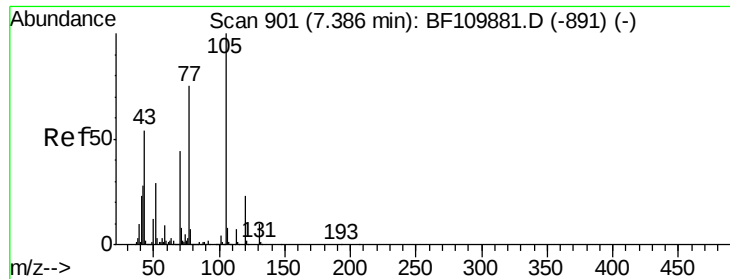
Sohil
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#18
Hexachloroethane
Concen: 42.497 ng
RT: 7.48 min Scan# 917
Delta R.T. -0.02 min
Lab File: BF110041.D
Acq: 22 Oct 2018 11:32

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	95.4	75.0	112.6	
201	90.1	79.2	118.8	





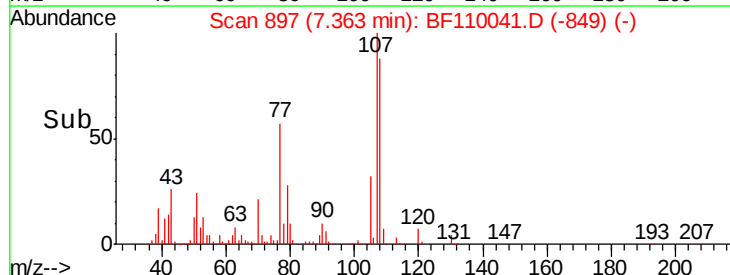
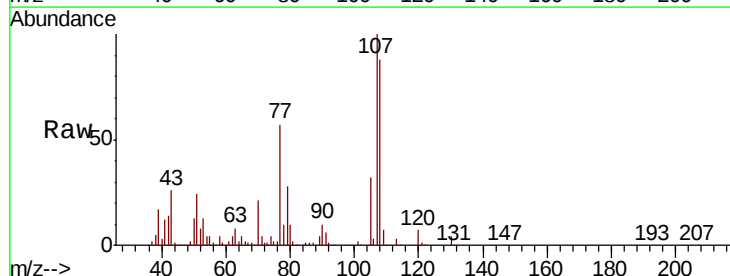
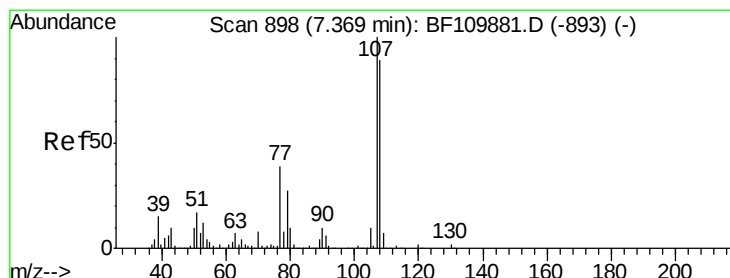
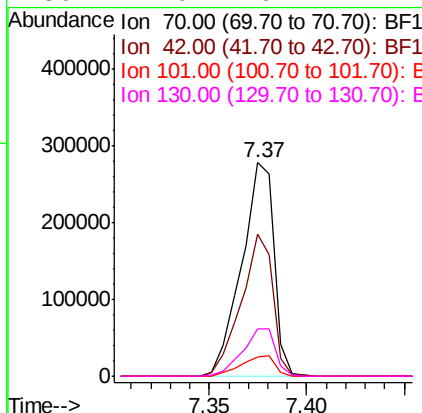
#19
n-Nitroso-di-n-propylamine
Concen: 39.146 ng
RT: 7.37 min Scan# 899
Delta R.T. -0.02 min
Lab File: BF110041.D
Acq: 22 Oct 2018 11:32

Instrument :
BNA_F
ClientSampleId :
PB114001BS

Tot Ion	70	Resp	321692
Ion Ratio	Lower	Upper	
70	100		
42	66.5	47.4	71.2
101	9.2	7.3	10.9
130	22.0	16.2	24.2

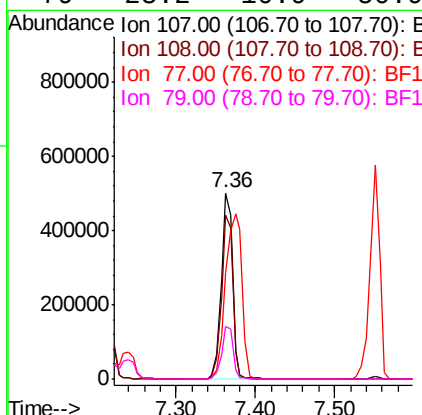
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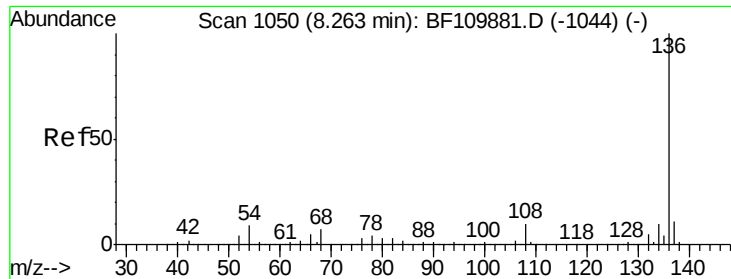
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#20
3+4-Methylphenols
Concen: 41.893 ng
RT: 7.36 min Scan# 897
Delta R.T. -0.02 min
Lab File: BF110041.D
Acq: 22 Oct 2018 11:32

Tgt Ion	107	Resp	494927
Ion Ratio	Lower	Upper	
107	100		
108	88.0	71.4	111.4
77	57.2	47.3	87.3
79	28.2	10.9	50.9





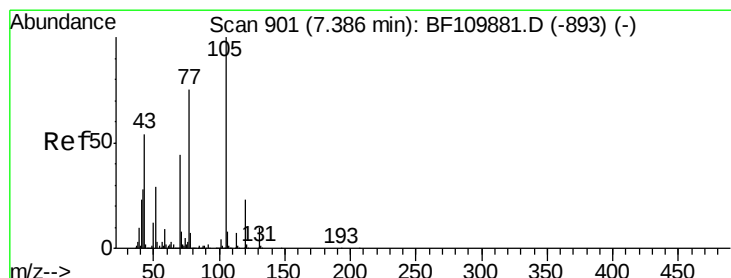
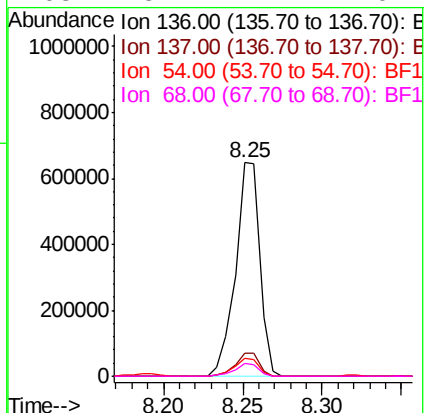
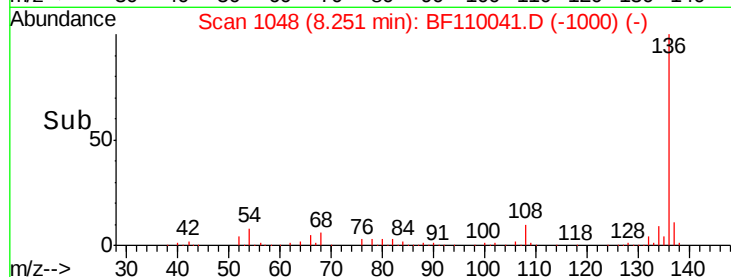
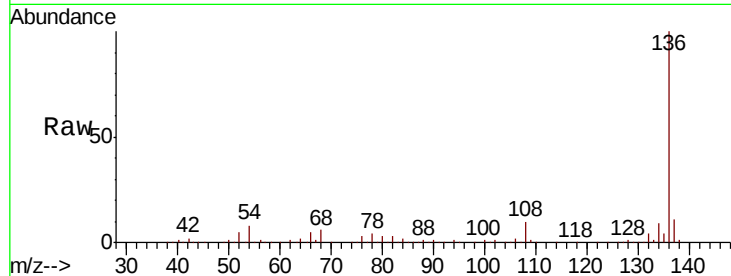
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.25 min Scan# 1048
Delta R.T. -0.02 min
Lab File: BF110041.D
Acq: 22 Oct 2018 11:32

Instrument :
BNA_F
ClientSampleID :
PB114001BS

Tot Ion	Ratio	Resp	Lower	Upper
136	100	685617		
137	10.9	8.8	13.2	
54	8.5	5.4	8.2#	
68	5.7	4.2	6.2	

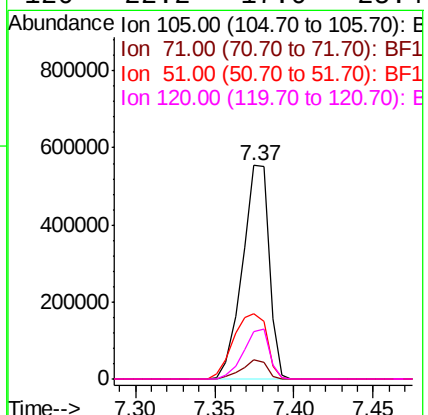
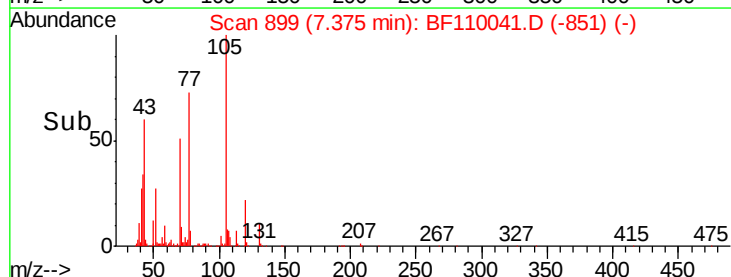
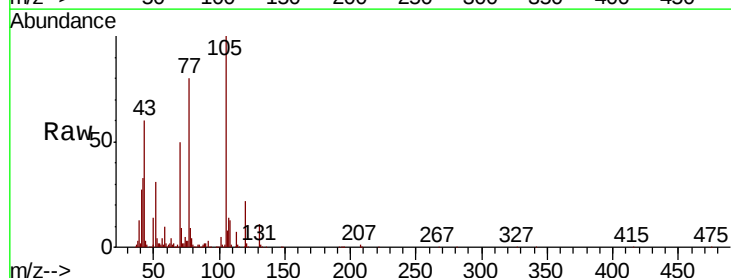
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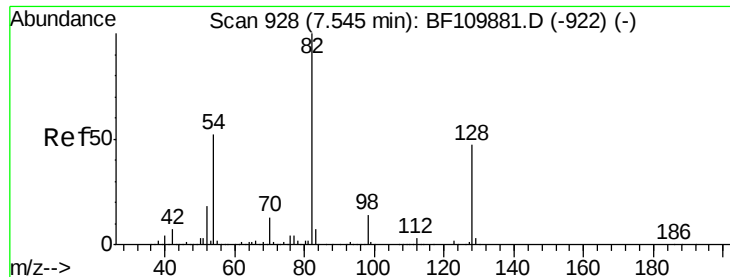
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#22
Acetophenone
Concen: 40.533 ng
RT: 7.37 min Scan# 899
Delta R.T. -0.02 min
Lab File: BF110041.D
Acq: 22 Oct 2018 11:32

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	644468		
71	8.8	5.2	7.8#	
51	30.8	21.8	32.8	
120	22.2	17.0	25.4	





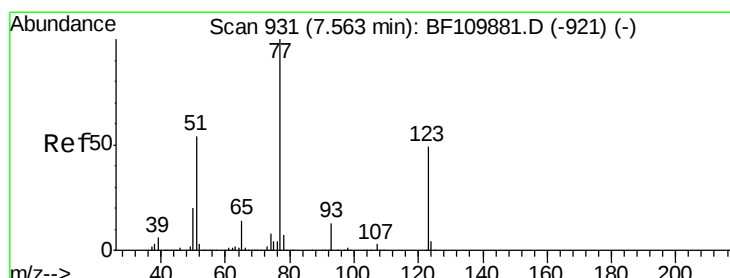
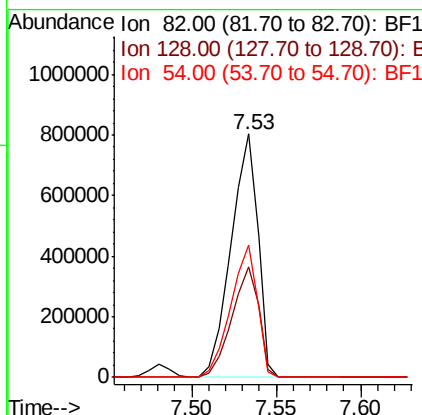
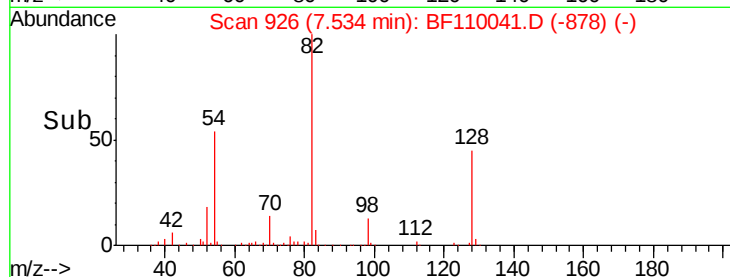
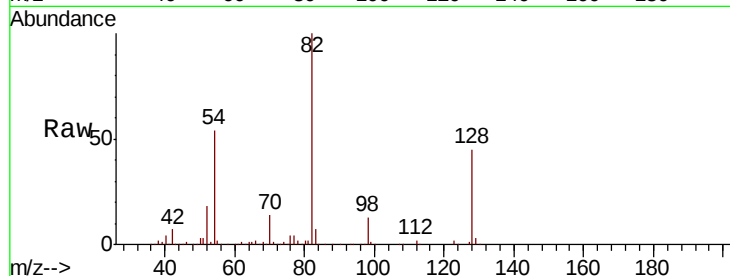
#23
Nitrobenzene-d5
Concen: 87.095 ng
RT: 7.53 min Scan# 926
Delta R.T. -0.02 min
Lab File: BF110041.D
Acq: 22 Oct 2018 11:32

Instrument :
BNA_F
ClientSampleId :
PB114001BS

Tot Ion	Ratio	Lower	Upper
82	100		
128	45.5	34.2	51.2
54	54.1	38.6	58.0

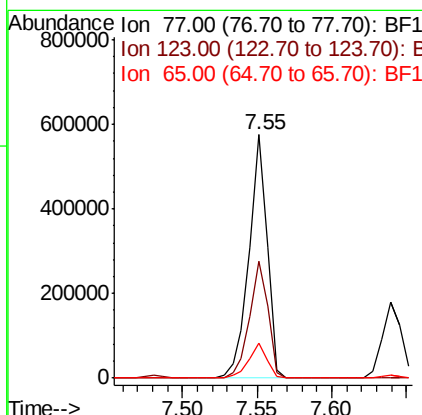
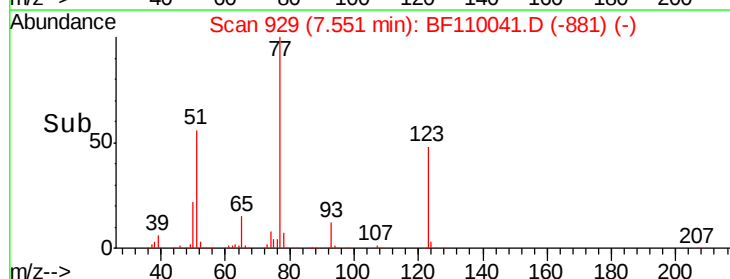
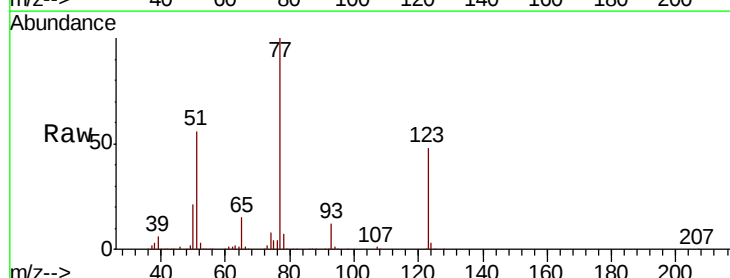
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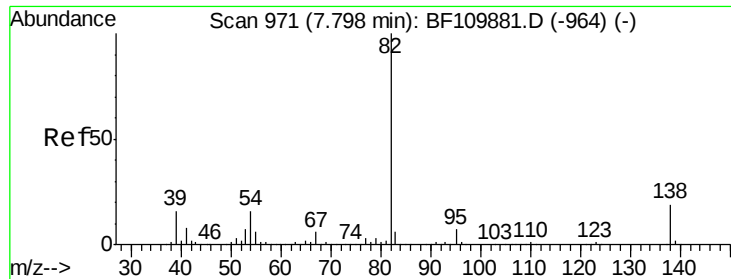
Sohil
10/23/2018 2:18:32 PM



#24
Nitrobenzene
Concen: 43.804 ng
RT: 7.55 min Scan# 929
Delta R.T. -0.02 min
Lab File: BF110041.D
Acq: 22 Oct 2018 11:32

Tgt Ion	Ratio	Lower	Upper
77	100		
123	48.2	35.7	53.5
65	14.6	10.7	16.1





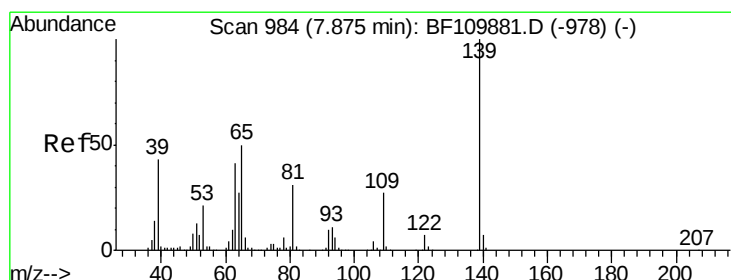
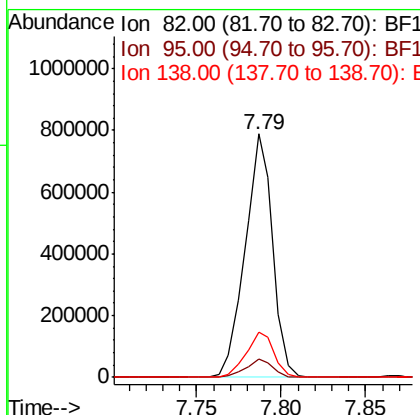
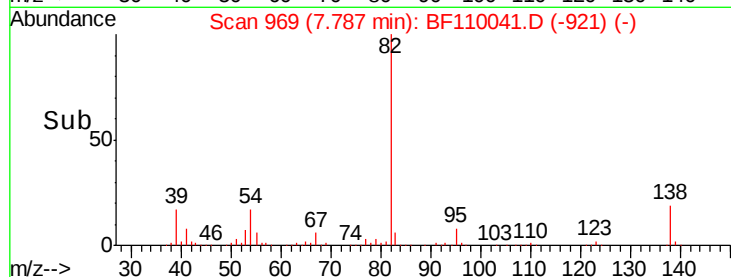
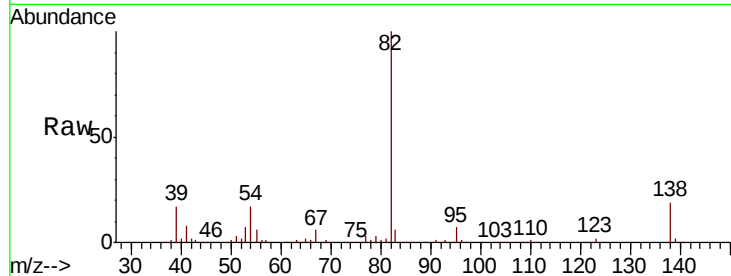
#25
Isophorone
Concen: 44.696 ng
RT: 7.79 min Scan# 969
Delta R.T. -0.02 min
Lab File: BF110041.D
Acq: 22 Oct 2018 11:32

Instrument :
BNA_F
ClientSampleId :
PB114001BS

Tot Ion	Ratio	Lower	Upper
82	100		
95	7.5	5.7	8.5
138	18.6	13.2	19.8

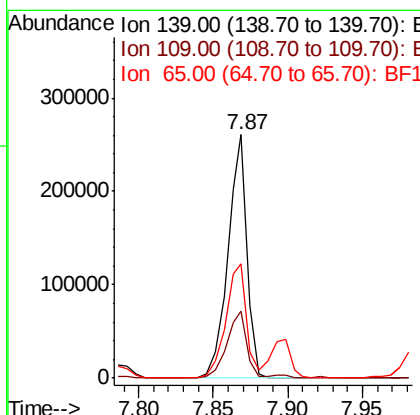
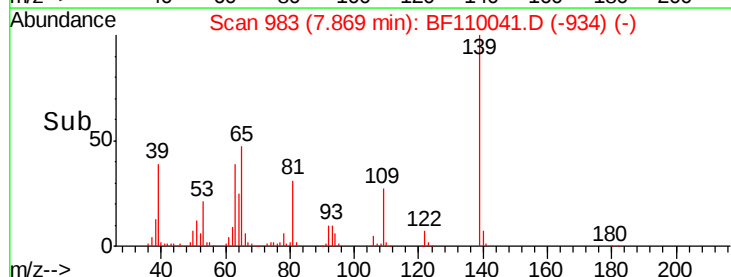
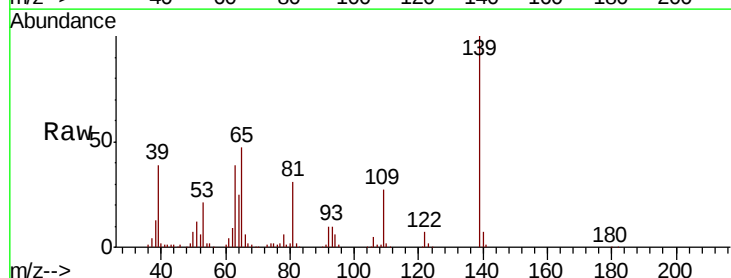
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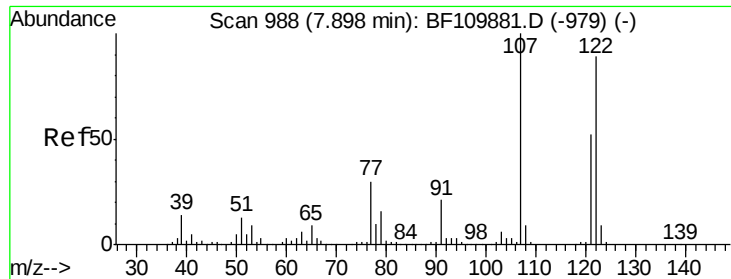
Sohil
10/23/2018 2:18:32 PM



#26
2-Nitrophenol
Concen: 51.382 ng
RT: 7.87 min Scan# 983
Delta R.T. -0.01 min
Lab File: BF110041.D
Acq: 22 Oct 2018 11:32

Tgt Ion	Ratio	Lower	Upper
139	100		
109	27.5	25.0	37.6
65	46.9	44.0	66.0





#27

2,4-Dimethylphenol

Concen: 46.078 ng

RT: 7.90 min Scan# 988

Delta R.T. -0.01 min

Lab File: BF110041.D

Acq: 22 Oct 2018 11:32

Instrument :

BNA_F

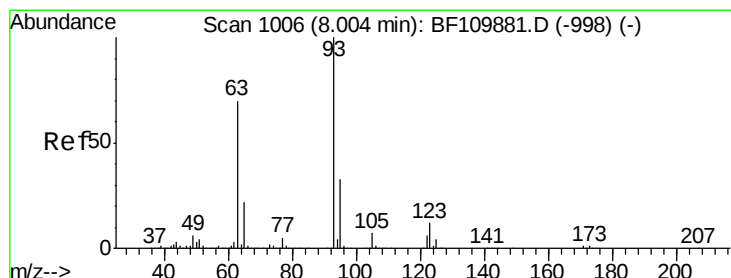
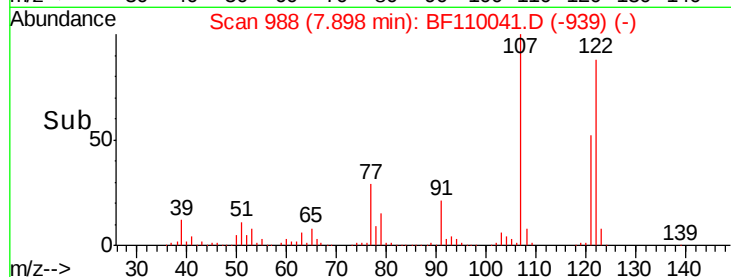
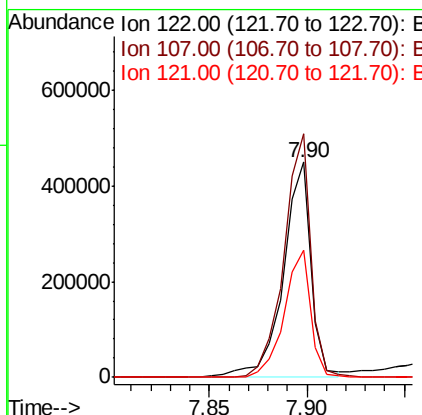
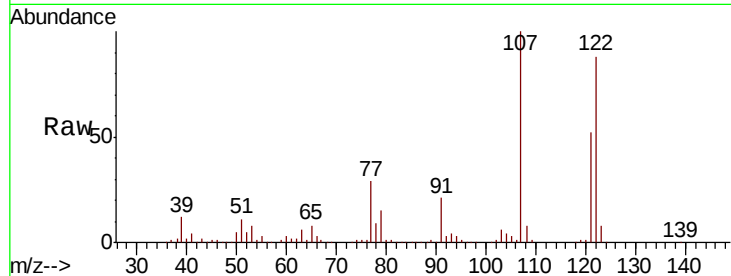
ClientSampleId :

PB114001BS

Tot Ion	Ratio	Lower	Upper
122	100		
107	113.1	92.5	138.7
121	58.8	45.8	68.8

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#28

bis(2-Chloroethoxy)methane

Concen: 41.339 ng

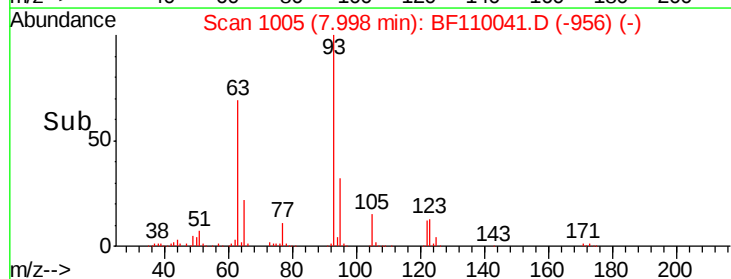
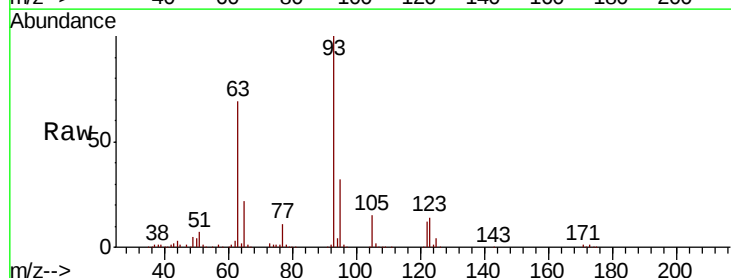
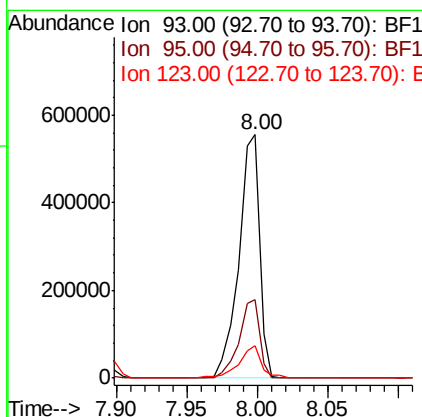
RT: 8.00 min Scan# 1005

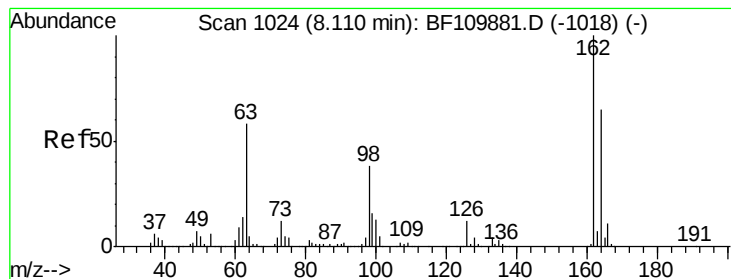
Delta R.T. -0.01 min

Lab File: BF110041.D

Acq: 22 Oct 2018 11:32

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.4	26.4	39.6
123	13.5	9.0	13.6





#29

2,4-Dichlorophenol

Concen: 42.563 ng

RT: 8.10 min Scan# 1023

Delta R.T. -0.01 min

Lab File: BF110041.D

Acq: 22 Oct 2018 11:32

Instrument :

BNA_F

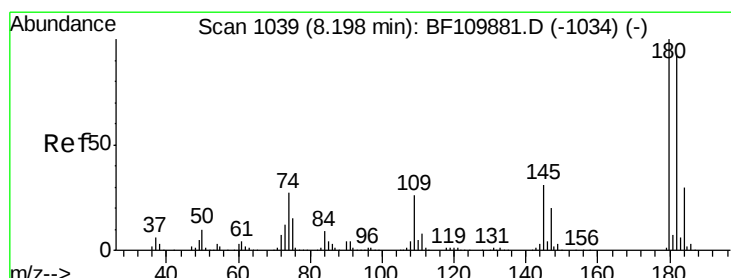
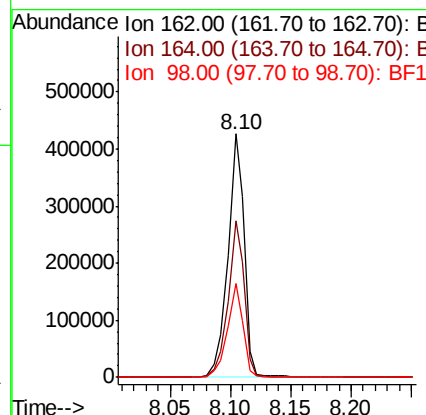
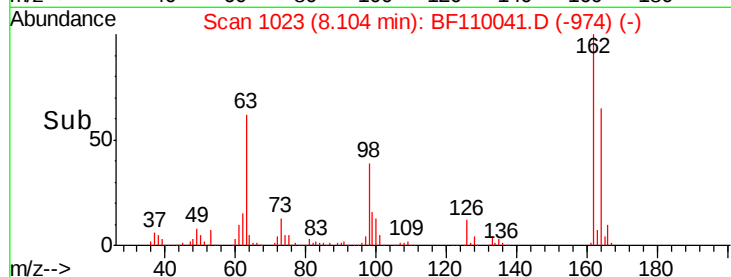
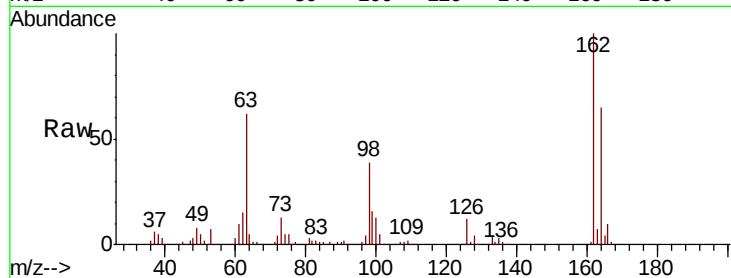
ClientSampleID :

PB114001BS

Tot Ion:	162	Resp:	397731
Ion Ratio	Lower	Upper	
162	100		
164	64.5	44.6	84.6
98	38.6	17.4	57.4

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#30

1,2,4-Trichlorobenzene

Concen: 40.673 ng

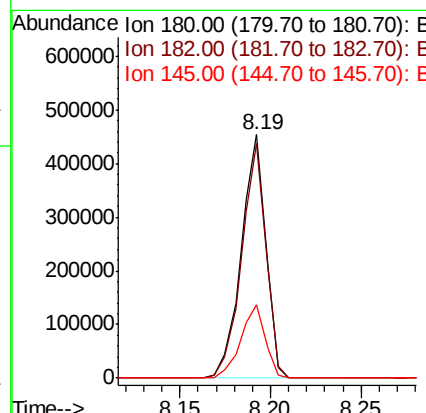
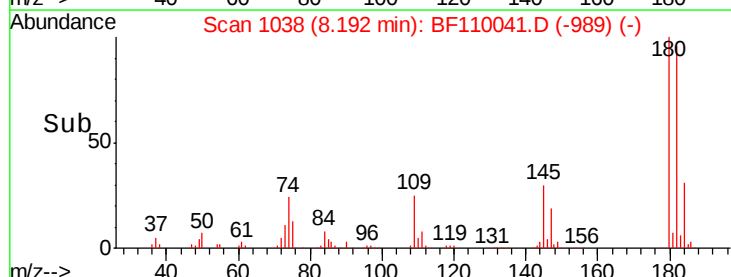
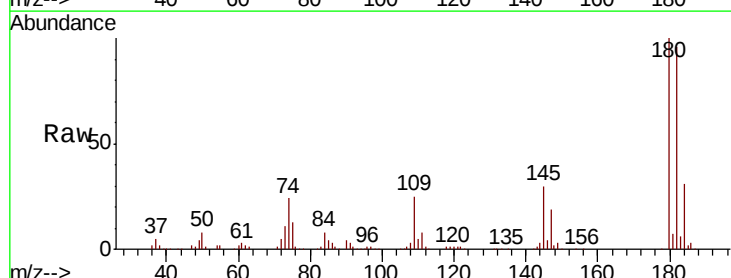
RT: 8.19 min Scan# 1038

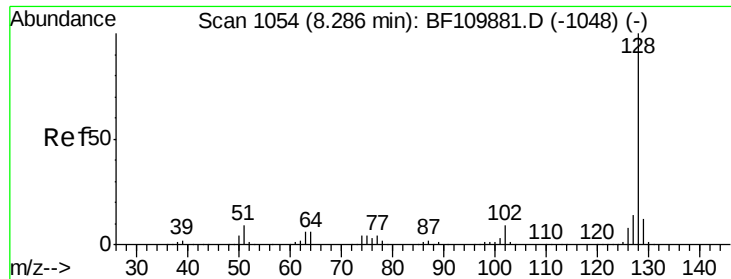
Delta R.T. -0.01 min

Lab File: BF110041.D

Acq: 22 Oct 2018 11:32

Tgt Ion:	180	Resp:	425556
Ion Ratio	Lower	Upper	
180	100		
182	96.2	80.3	120.5
145	30.4	25.4	38.0





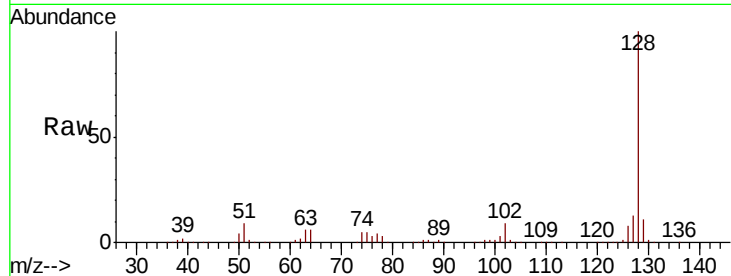
#31
Naphthalene
Concen: 43.479 ng
RT: 8.27 min Scan# 1052
Delta R.T. -0.02 min
Lab File: BF110041.D
Acq: 22 Oct 2018 11:32

Instrument :
BNA_F
ClientSampleId :
PB114001BS

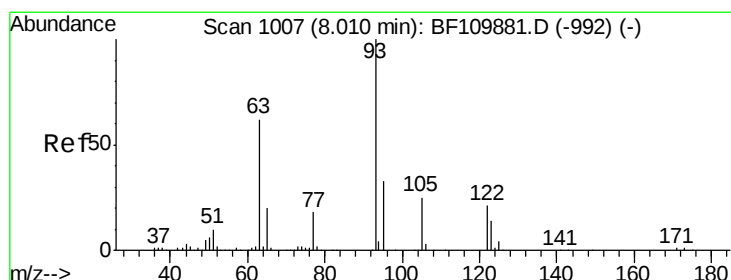
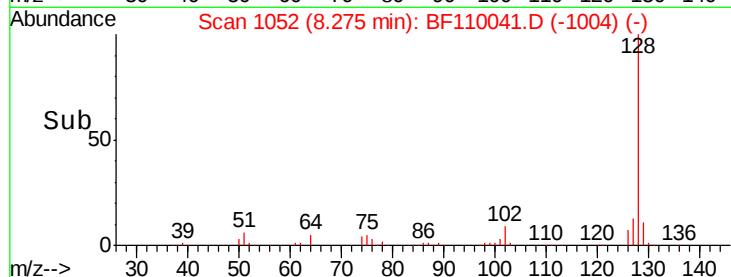
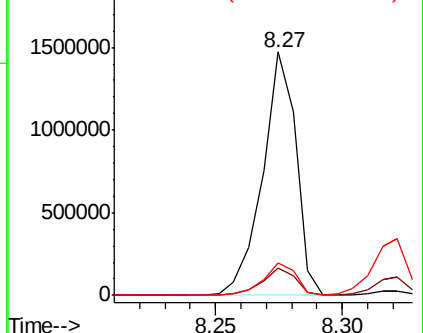
Tot Ion	Ratio	Lower	Upper
128	100		
129	11.4	8.8	13.2
127	13.3	10.8	16.2

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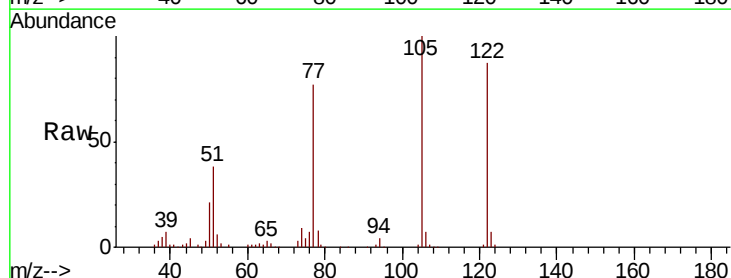


Abundance Ion 128.00 (127.70 to 128.70): E
2000000
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

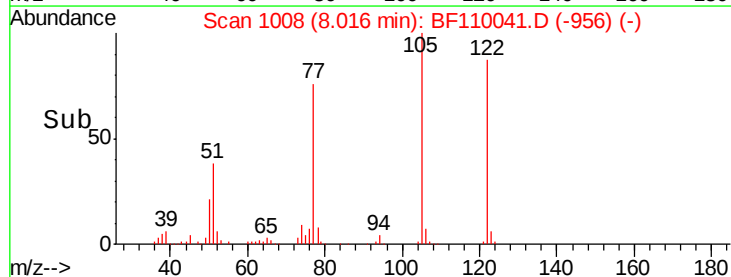
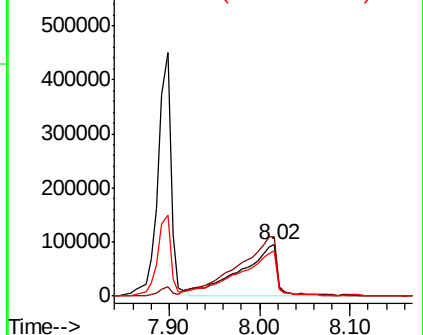


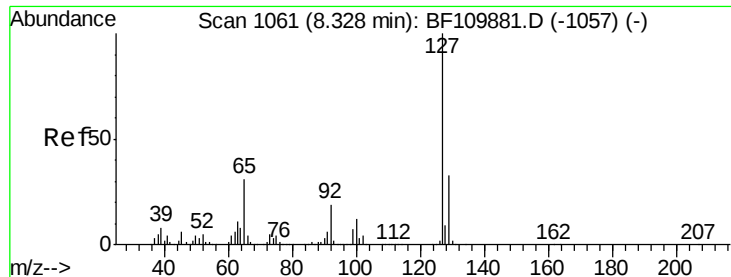
#32
Benzoic acid
Concen: 44.147 ng
RT: 8.02 min Scan# 1008
Delta R.T. 0.01 min
Lab File: BF110041.D
Acq: 22 Oct 2018 11:32

Tgt Ion	Ratio	Lower	Upper
122	100		
105	115.3	109.0	149.0
77	88.7	79.0	119.0



Abundance Ion 122.00 (121.70 to 122.70): E
600000
Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BF1





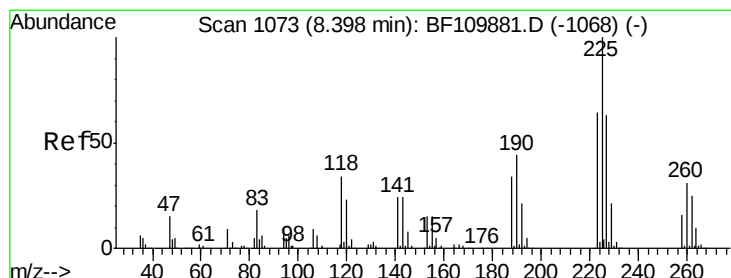
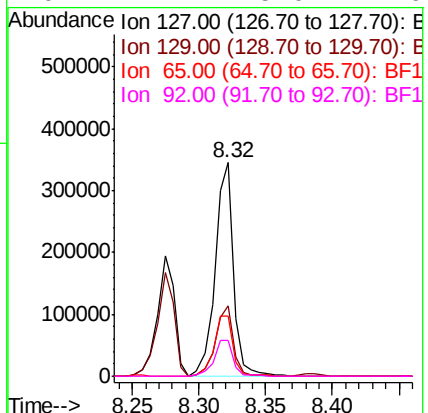
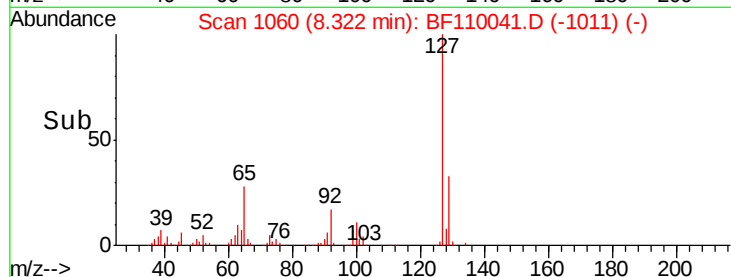
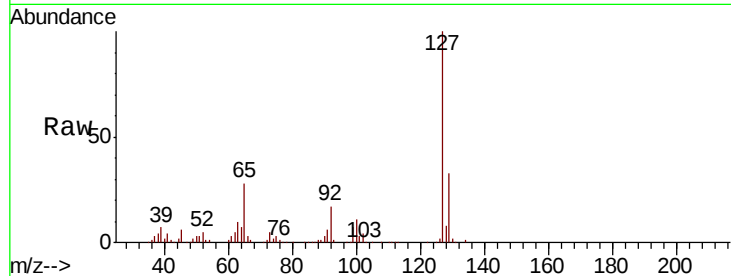
#33
4-Chloroaniline
Concen: 23.613 ng
RT: 8.32 min Scan# 1060
Delta R.T. -0.01 min
Lab File: BF110041.D
Acq: 22 Oct 2018 11:32

Instrument :
BNA_F
ClientSampleId :
PB114001BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100				
129	32.9	26.0	39.0		
65	28.2	25.1	37.7		
92	17.1	15.0	22.6		

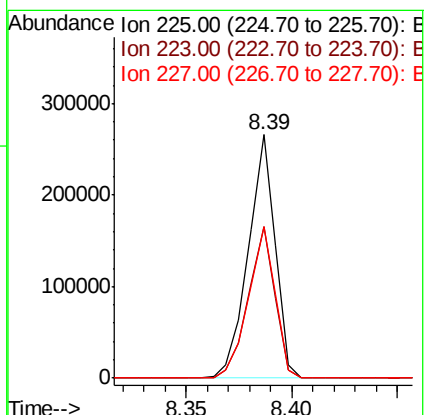
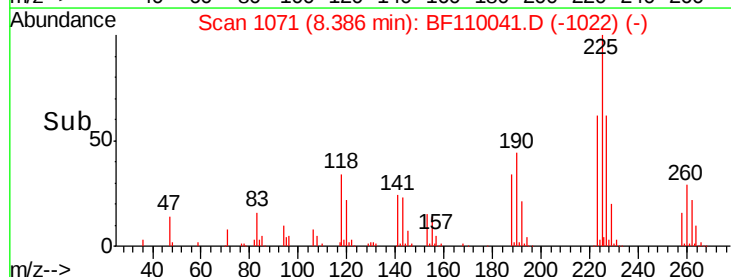
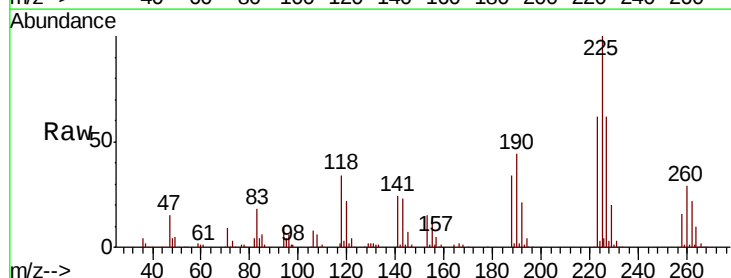
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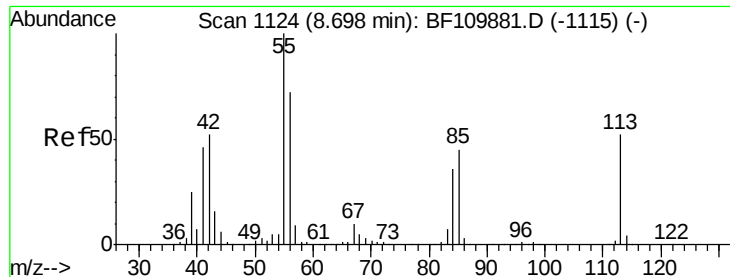
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#34
Hexachlorobutadiene
Concen: 40.819 ng
RT: 8.39 min Scan# 1071
Delta R.T. -0.01 min
Lab File: BF110041.D
Acq: 22 Oct 2018 11:32

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100				
223	62.0	51.4	77.2		
227	62.4	51.0	76.6		





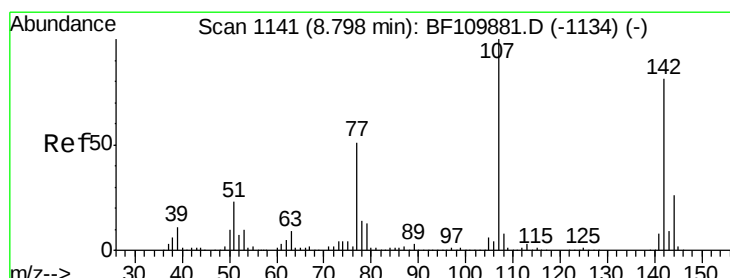
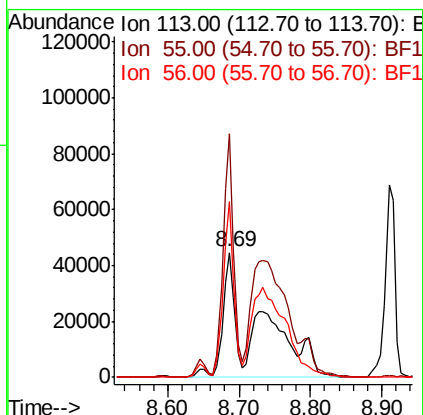
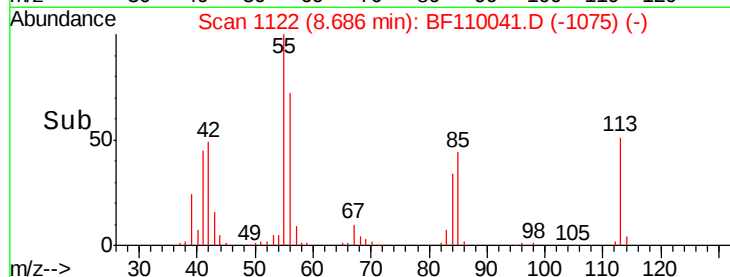
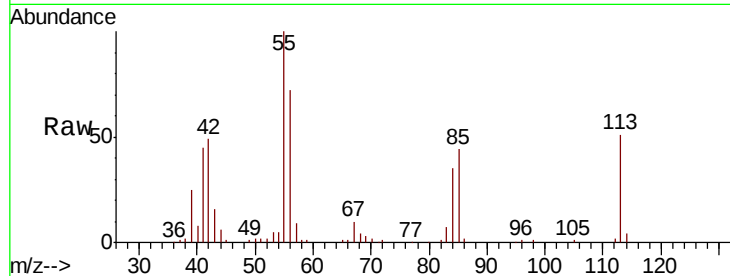
#35
Caprolactam
Concen: 43.177 ng/ml
RT: 8.69 min Scan# 1122
Delta R.T. -0.02 min
Lab File: BF110041.D
Acq: 22 Oct 2018 11:32

Instrument :
BNA_F
ClientSampleID :
PB114001BS

Tot Ion	Ratio	Lower	Upper
113	100		
55	194.5	142.8	182.8#
56	140.2	105.0	145.0

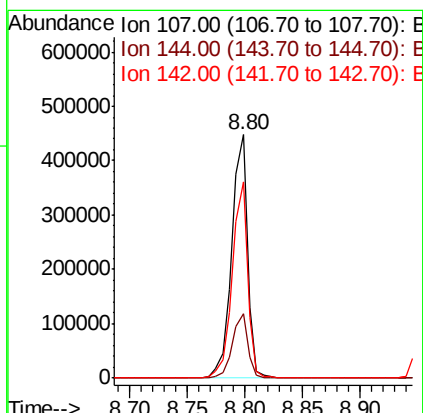
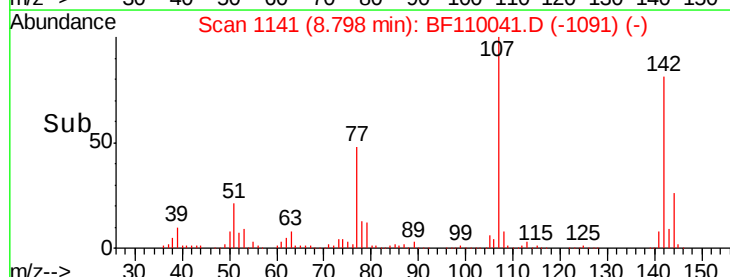
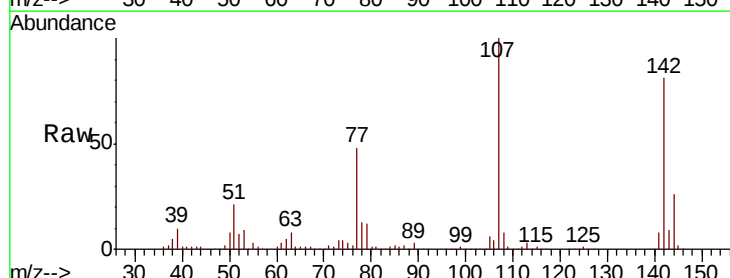
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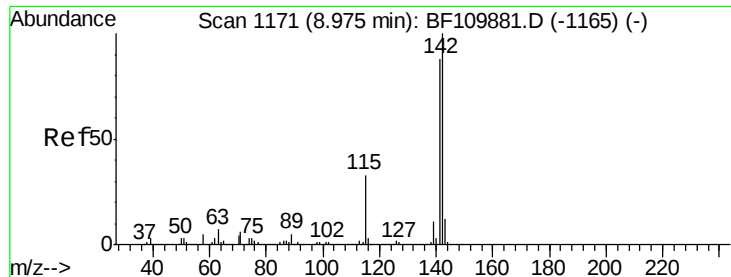
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#36
4-Chloro-3-methylphenol
Concen: 43.382 ng/ml
RT: 8.80 min Scan# 1141
Delta R.T. -0.01 min
Lab File: BF110041.D
Acq: 22 Oct 2018 11:32

Tgt Ion	Ratio	Lower	Upper
107	100		
144	26.3	20.0	30.0
142	80.7	59.7	89.5





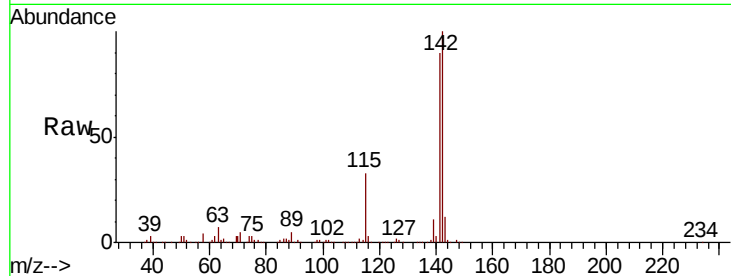
#37
2-Methylnaphthalene
Concen: 46.544 ng
RT: 8.97 min Scan# 1170
Delta R.T. -0.01 min
Lab File: BF110041.D
Acq: 22 Oct 2018 11:32

Instrument :
BNA_F
ClientSampleId :
PB114001BS

Tot Ion	Ratio	Lower	Upper
142	100		
141	89.6	71.4	107.2
115	33.3	28.7	43.1

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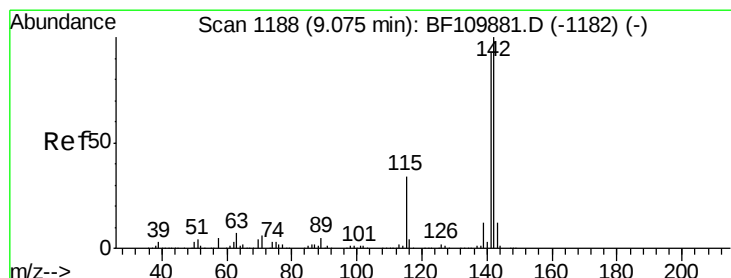
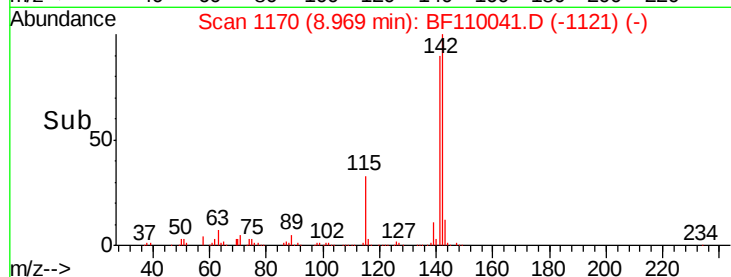
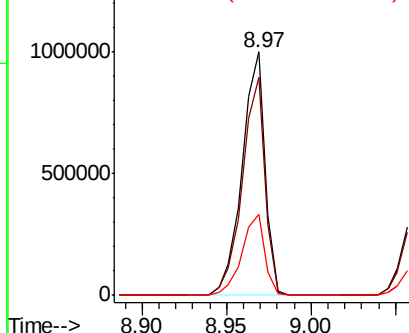


Abundance

Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38
1-Methylnaphthalene
Concen: 44.928 ng
RT: 9.07 min Scan# 1187
Delta R.T. -0.01 min
Lab File: BF110041.D
Acq: 22 Oct 2018 11:32

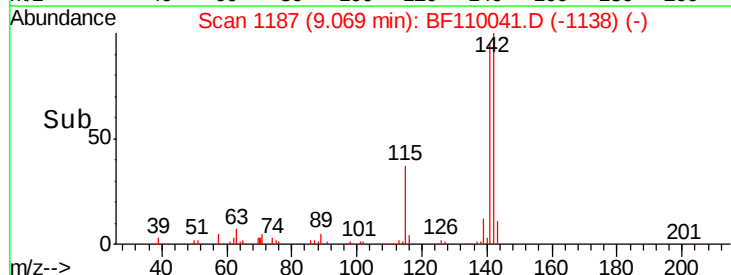
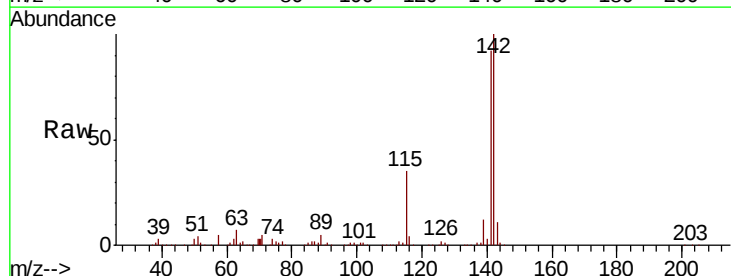
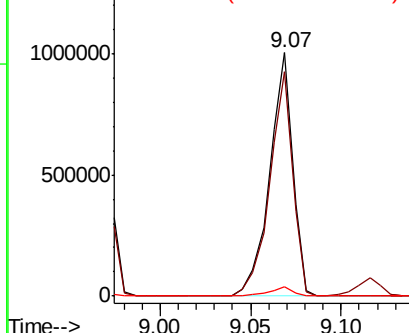
Tgt Ion	Ratio	Lower	Upper
142	100		
141	92.0	74.2	111.4
116	3.6	2.6	4.0

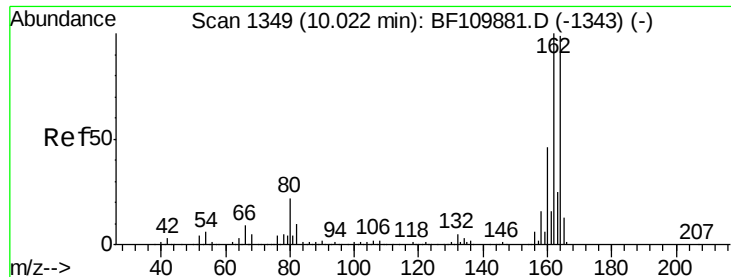
Abundance

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





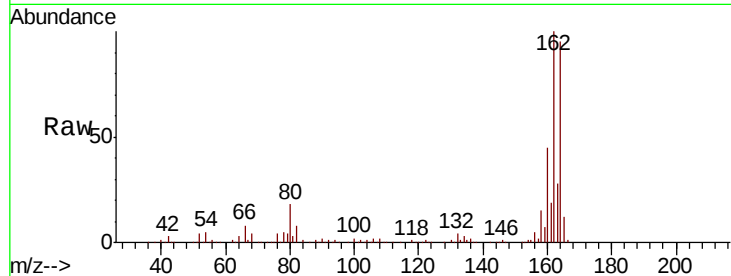
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.02 min Scan# 1348
Delta R.T. -0.01 min
Lab File: BF110041.D
Acq: 22 Oct 2018 11:32

Instrument :
BNA_F
ClientSampleId :
PB114001BS

Tot Ion	Ratio	Lower	Upper
164	100		
162	105.4	83.0	124.6
160	47.6	37.0	55.6

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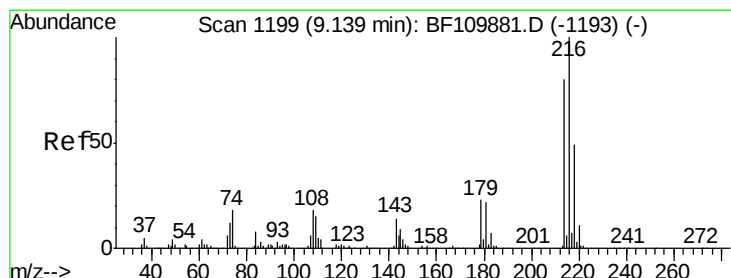
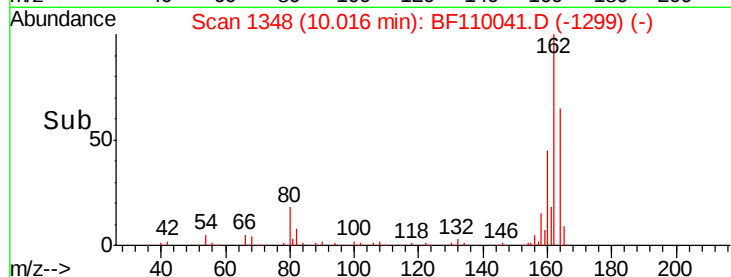
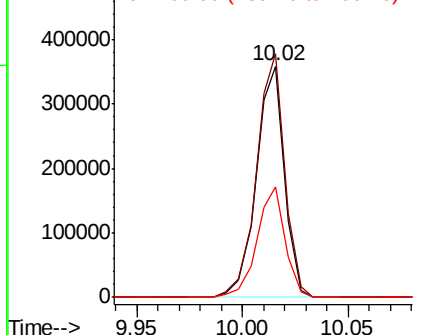


Abundance

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: 38.800 ng
RT: 9.13 min Scan# 1198
Delta R.T. -0.01 min
Lab File: BF110041.D
Acq: 22 Oct 2018 11:32

Tgt Ion	Ratio	Lower	Upper
216	100		
214	79.2	63.8	95.6
179	22.8	16.6	25.0
108	22.4	15.1	22.7

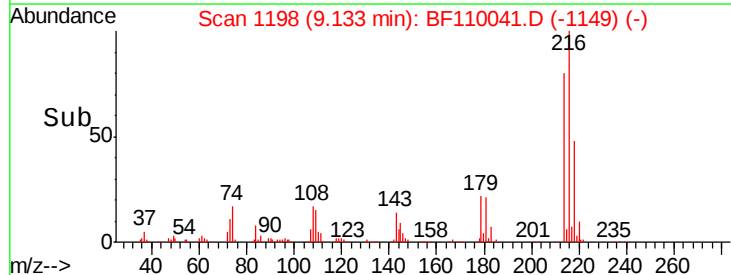
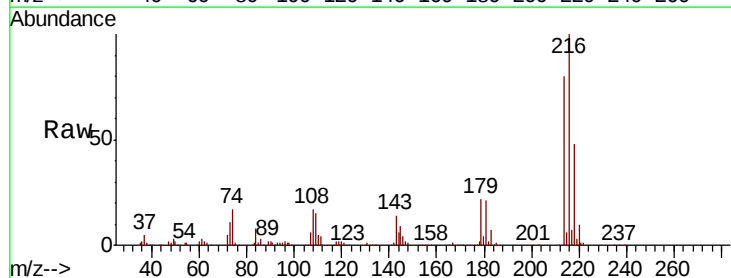
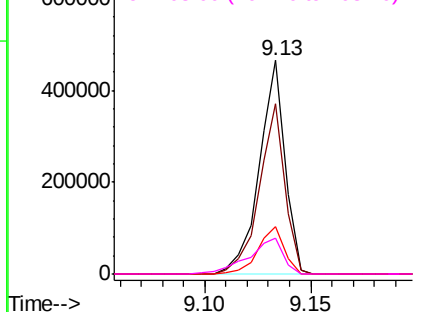
Abundance

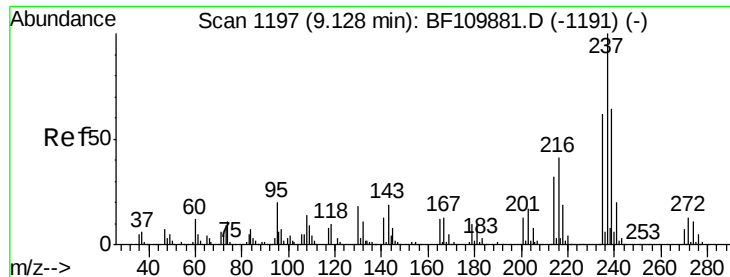
Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E





#41

Hexachlorocyclopentadiene

Concen: 103.049 ng

RT: 9.12 min Scan# 1195

Delta R.T. -0.01 min

Lab File: BF110041.D

Acq: 22 Oct 2018 11:32

Instrument :

BNA_F

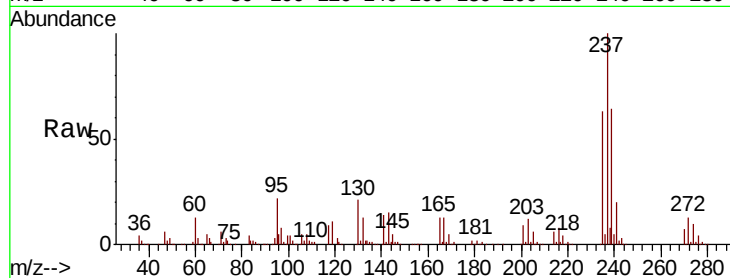
ClientSampleId :

PB114001BS

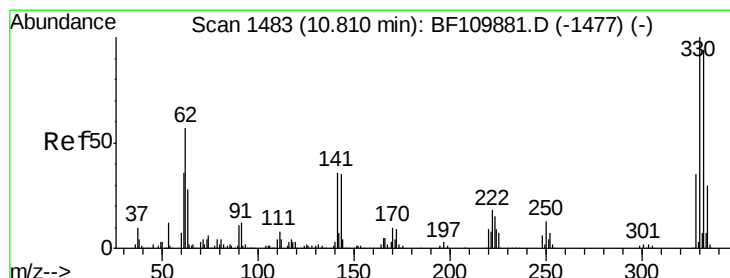
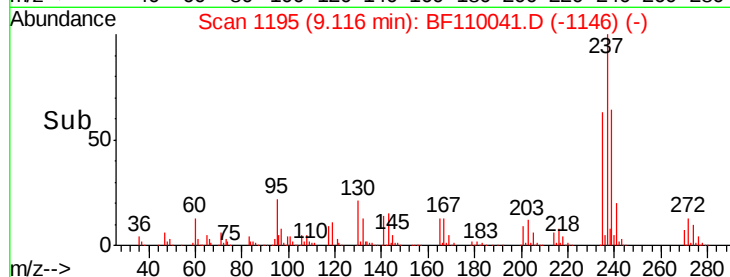
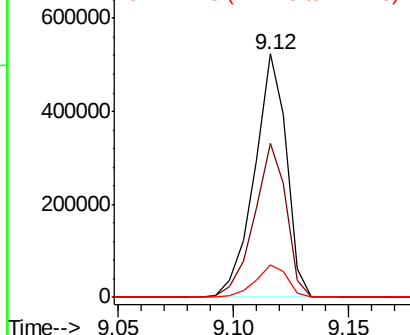
Tot Ion:	237	Resp:	506789
Ion Ratio	Lower	Upper	
237	100		
235	63.3	43.1	83.1
272	13.3	0.0	32.6

Manual Integrations
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Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E



#42

2,4,6-Tribromophenol

Concen: 149.324 ng

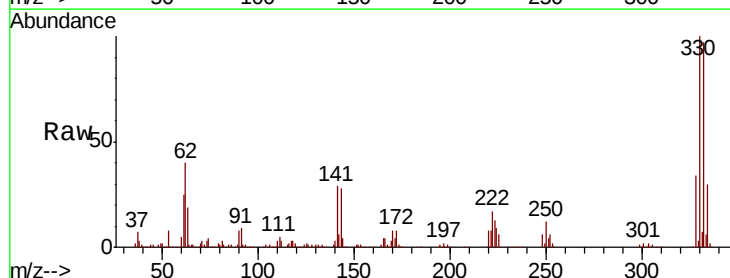
RT: 10.81 min Scan# 1483

Delta R.T. -0.01 min

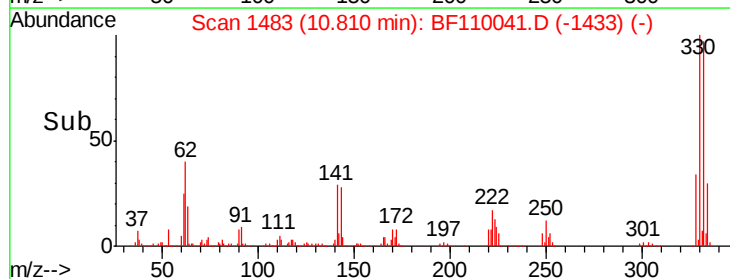
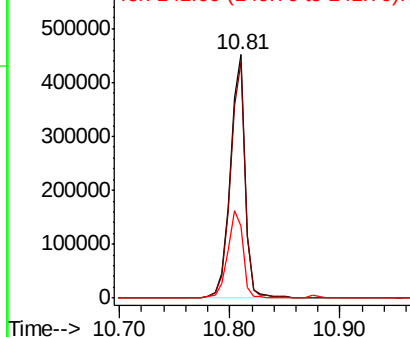
Lab File: BF110041.D

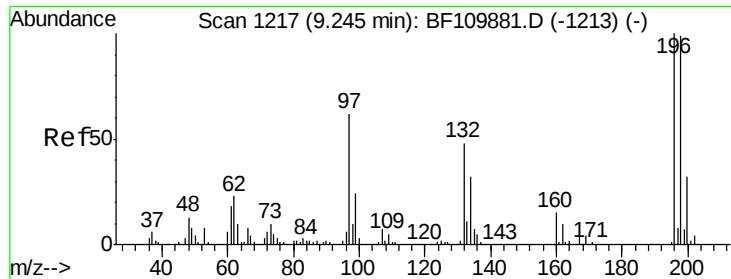
Acq: 22 Oct 2018 11:32

Tgt Ion:	330	Resp:	427675
Ion Ratio	Lower	Upper	
330	100		
332	96.1	77.1	115.7
141	37.2	27.0	40.4



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





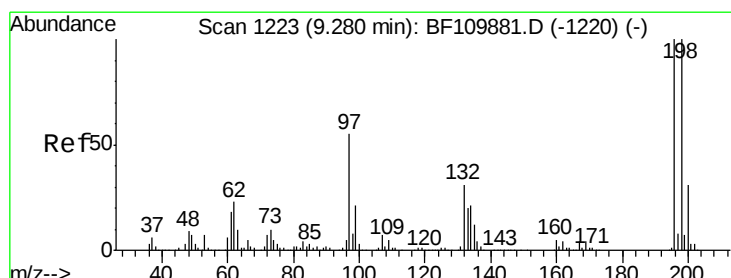
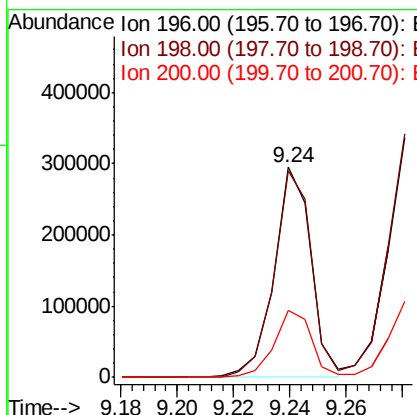
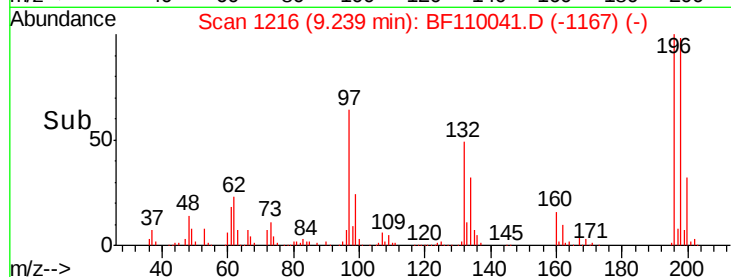
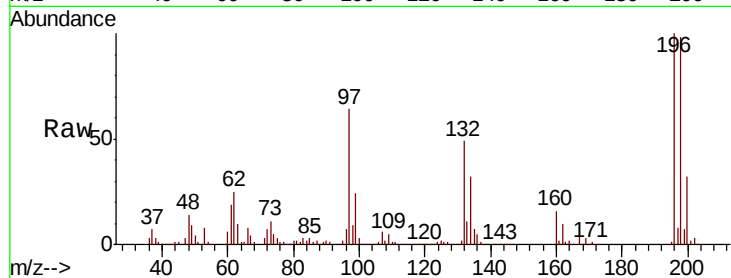
#43
 2,4,6-Trichlorophenol
 Concen: 41.964 ng
 RT: 9.24 min Scan# 1216
 Delta R.T. -0.01 min
 Lab File: BF110041.D
 Acq: 22 Oct 2018 11:32

Instrument :
 BNA_F
 ClientSampleID :
 PB114001BS

Tot Ion:	196	Resp:	267364
Ion Ratio	Lower	Upper	
196	100		
198	98.3	76.2	114.4
200	32.0	24.4	36.6

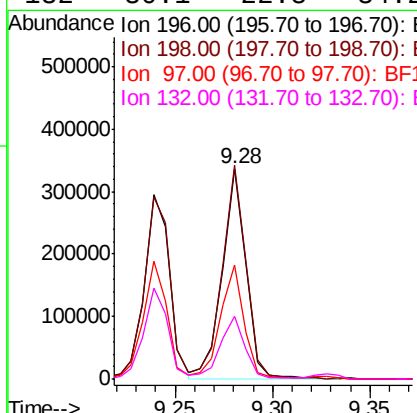
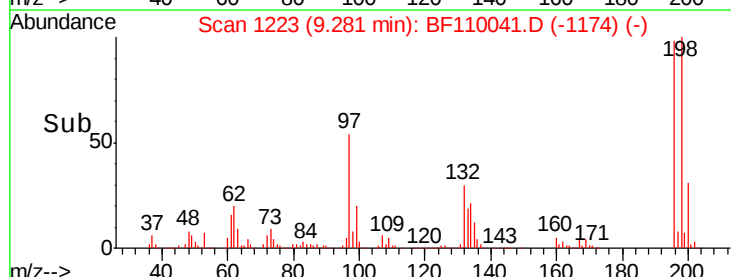
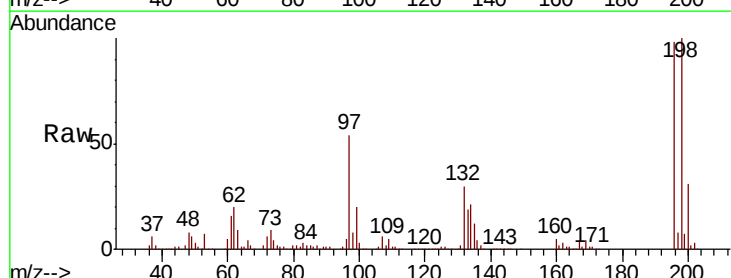
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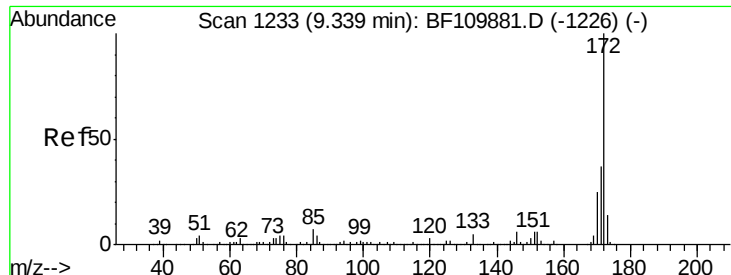
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#44
 2,4,5-Trichlorophenol
 Concen: 42.945 ng
 RT: 9.28 min Scan# 1223
 Delta R.T. -0.01 min
 Lab File: BF110041.D
 Acq: 22 Oct 2018 11:32

Tgt Ion:	196	Resp:	283978
Ion Ratio	Lower	Upper	
196	100		
198	101.7	75.8	113.6
97	54.5	42.4	63.6
132	30.1	22.8	34.2





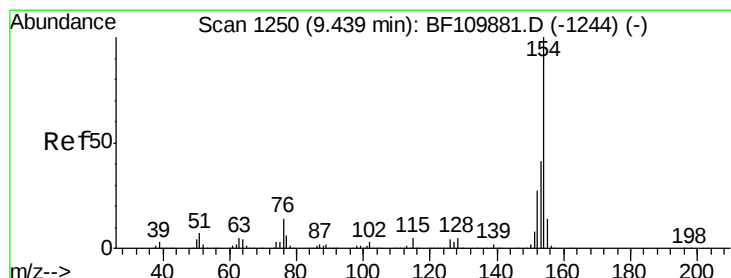
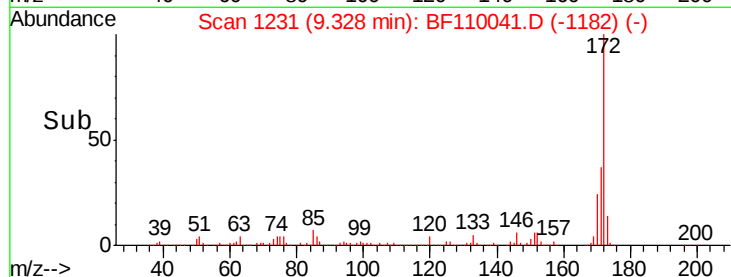
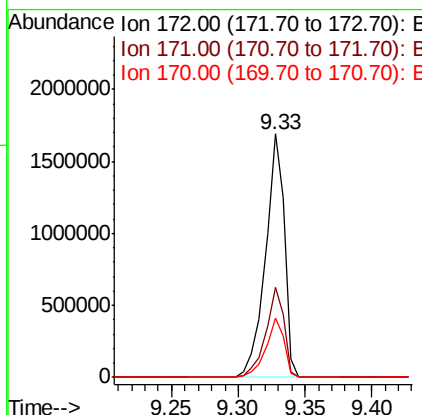
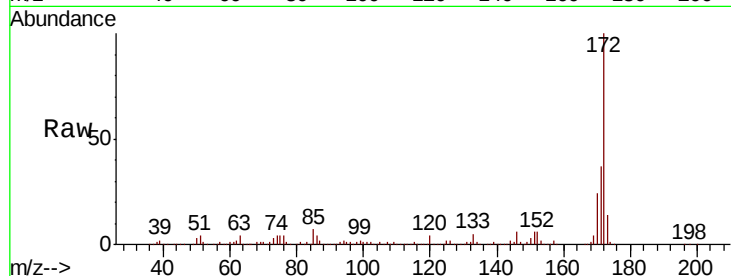
#45
2-Fluorobiphenyl
Concen: 79.703 ng
RT: 9.33 min Scan# 1231
Delta R.T. -0.01 min
Lab File: BF110041.D
Acq: 22 Oct 2018 11:32

Instrument :
BNA_F
ClientSampleId :
PB114001BS

Tot Ion	Ratio	Lower	Upper
172	100		
171	37.0	28.6	43.0
170	24.3	19.7	29.5

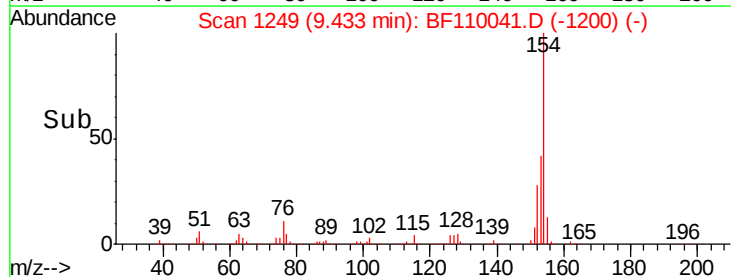
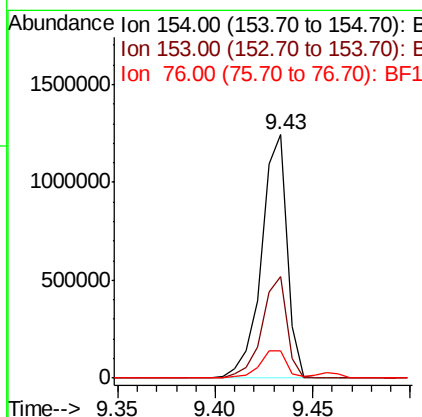
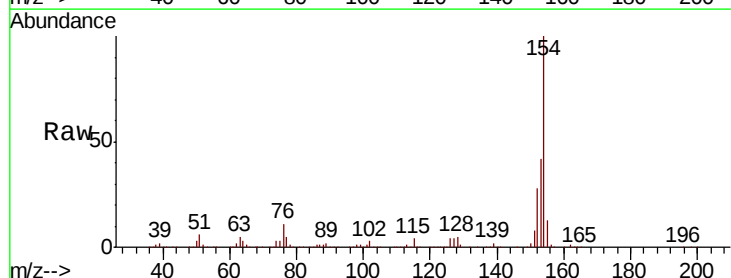
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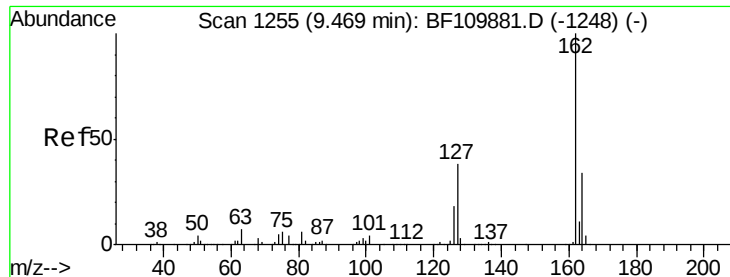
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#46
1,1'-Biphenyl
Concen: 38.337 ng
RT: 9.43 min Scan# 1249
Delta R.T. -0.01 min
Lab File: BF110041.D
Acq: 22 Oct 2018 11:32

Tgt Ion	Ratio	Lower	Upper
154	100		
153	41.5	20.4	60.4
76	11.0	0.0	31.9





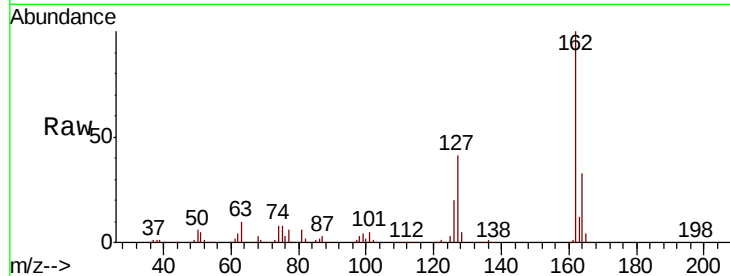
#47
 2-Chloronaphthalene
 Concen: 39.956 ng
 RT: 9.46 min Scan# 1253
 Delta R.T. -0.02 min
 Lab File: BF110041.D
 Acq: 22 Oct 2018 11:32

Instrument :
 BNA_F
 ClientSampleId :
 PB114001BS

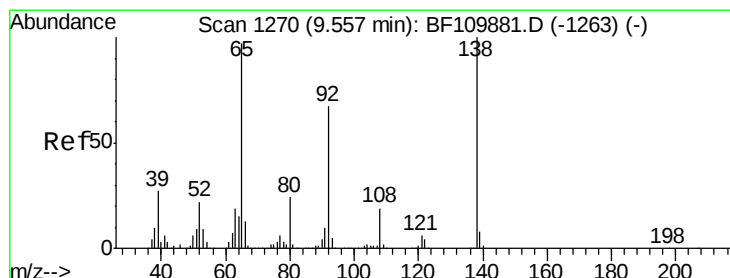
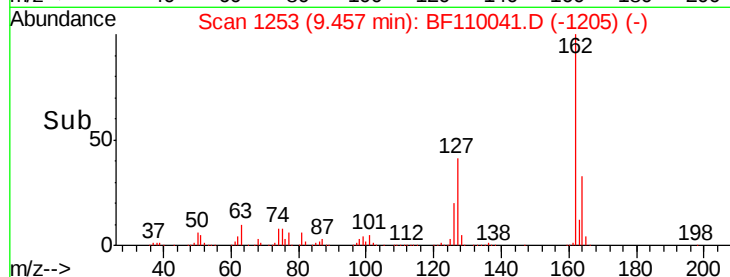
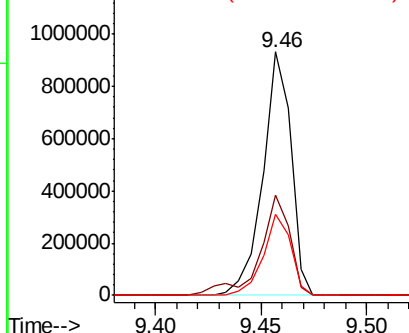
Tot Ion	Ratio	Resp	Lower	Upper
162	100	867458		
127	41.4	32.6	48.8	
164	33.1	25.9	38.9	

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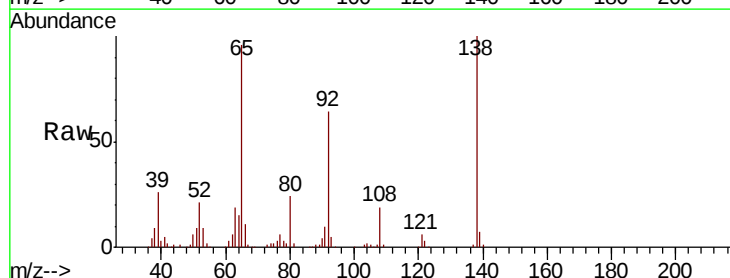


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

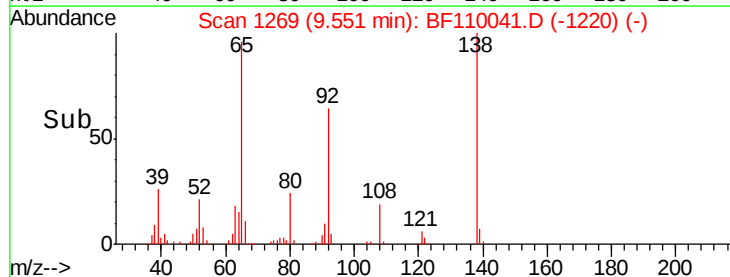
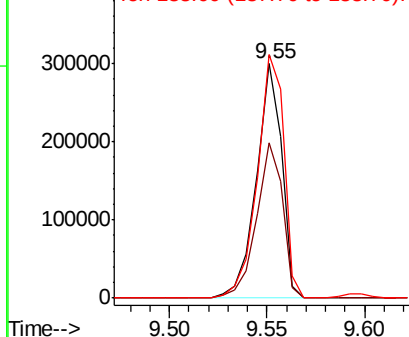


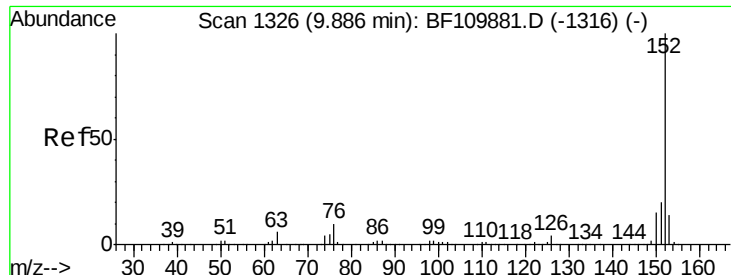
#48
 2-Nitroaniline
 Concen: 48.535 ng
 RT: 9.55 min Scan# 1269
 Delta R.T. -0.01 min
 Lab File: BF110041.D
 Acq: 22 Oct 2018 11:32

Tgt Ion	Ratio	Resp	Lower	Upper
65	100	270415		
92	66.5	54.6	81.8	
138	104.0	80.3	120.5	



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





#49

Acenaphthylene

Concen: 42.953 ng

RT: 9.87 min Scan# 1324

Delta R.T. -0.02 min

Lab File: BF110041.D

Acq: 22 Oct 2018 11:32

Instrument :

BNA_F

ClientSampleId :

PB114001BS

Tot Ion:152 Resp: 1354723

Ion Ratio Lower Upper

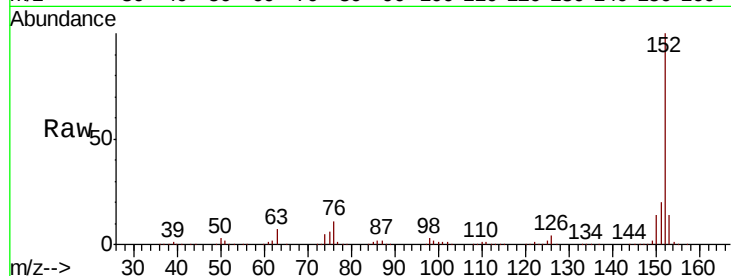
152 100

151 20.3 15.8 23.8

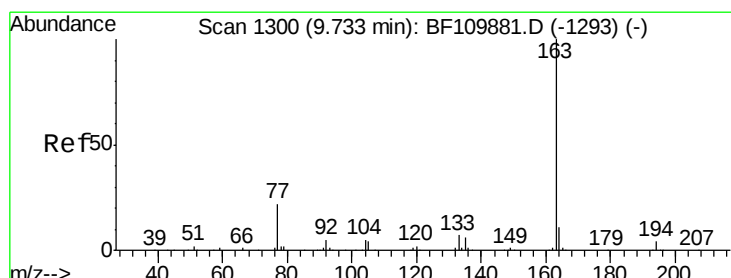
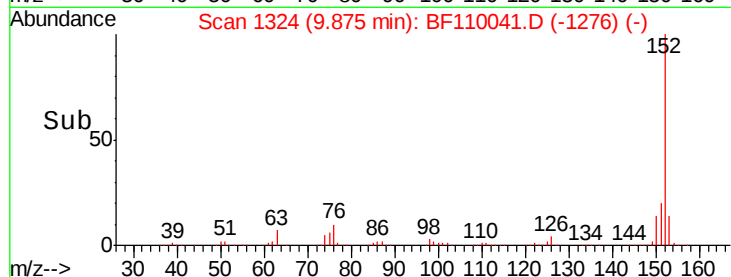
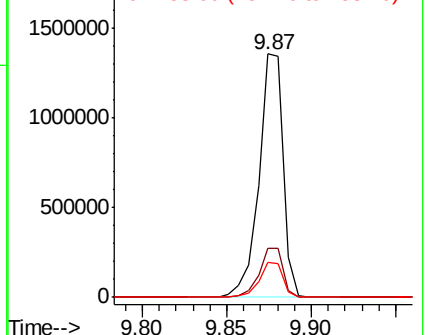
153 14.2 10.4 15.6

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



#50

Dimethylphthalate

Concen: 42.222 ng

RT: 9.73 min Scan# 1299

Delta R.T. -0.01 min

Lab File: BF110041.D

Acq: 22 Oct 2018 11:32

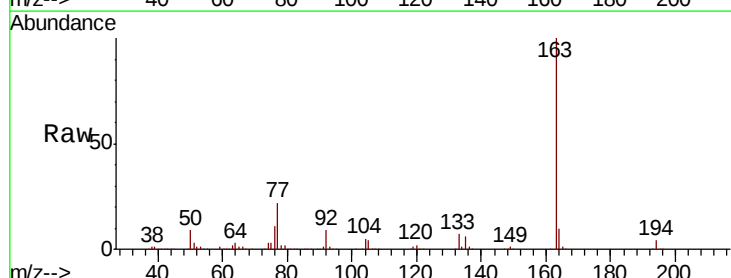
Tgt Ion:163 Resp: 989020

Ion Ratio Lower Upper

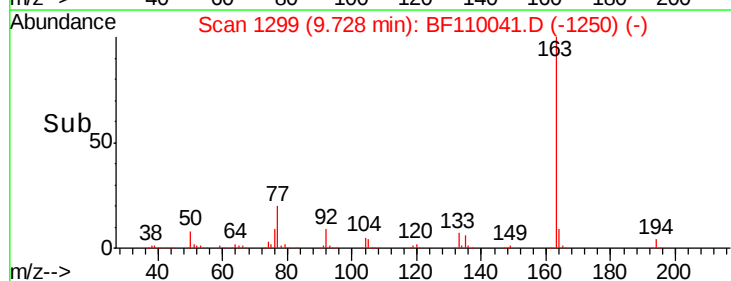
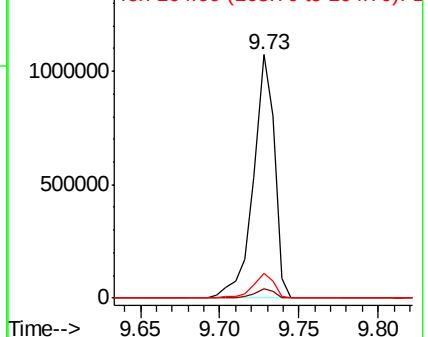
163 100

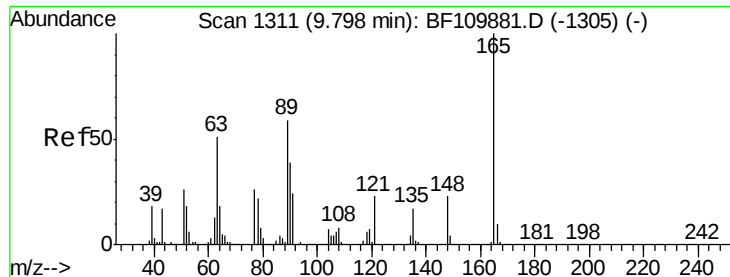
194 3.6 3.2 4.8

164 10.4 8.1 12.1



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





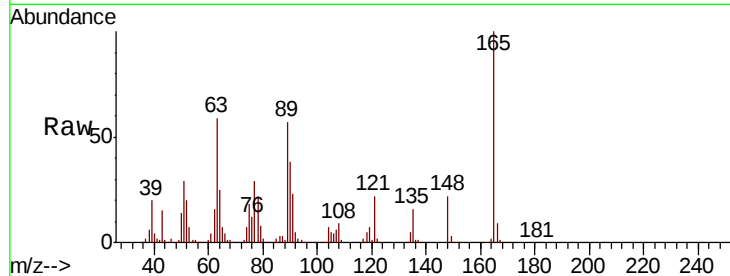
#51
 2,6-Dinitrotoluene
 Concen: 49.969 ng
 RT: 9.79 min Scan# 1310
 Delta R.T. -0.01 min
 Lab File: BF110041.D
 Acq: 22 Oct 2018 11:32

Instrument :
 BNA_F
 ClientSampleId :
 PB114001BS

Tot Ion	Ratio	Resp	Lower	Upper
165	100	222317		
63	58.7	48.9	73.3	
89	56.5	46.6	69.8	

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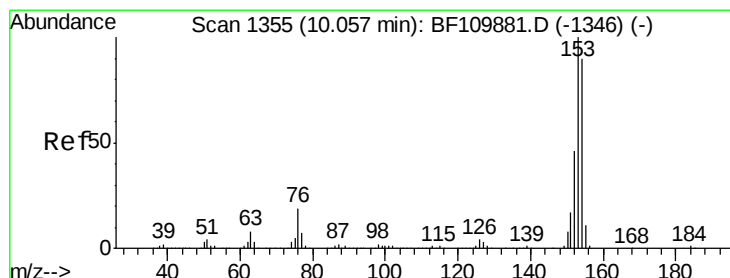
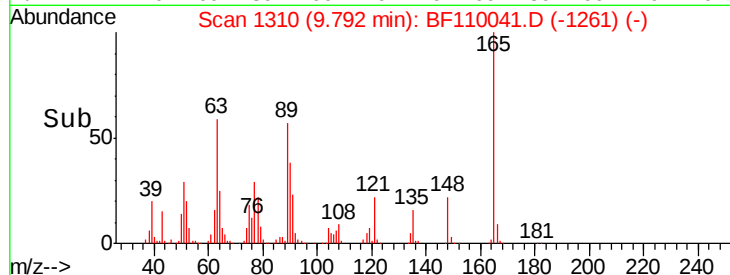
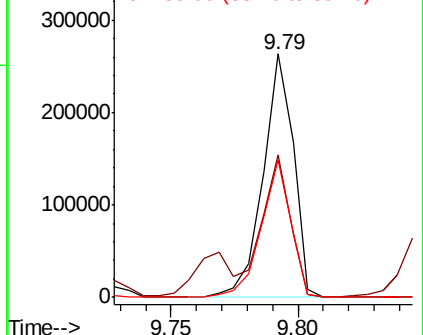


Abundance

Ion 165.00 (164.70 to 165.70): E

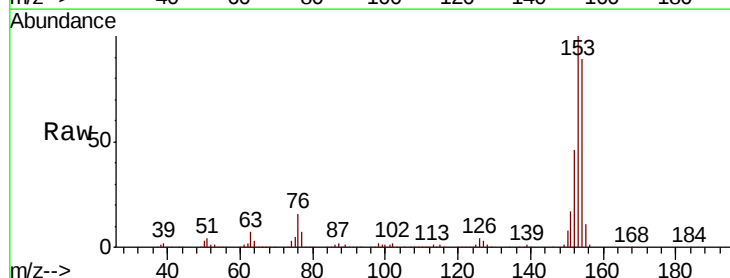
Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1



#52
 Acenaphthene
 Concen: 46.263 ng
 RT: 10.05 min Scan# 1354
 Delta R.T. -0.01 min
 Lab File: BF110041.D
 Acq: 22 Oct 2018 11:32

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	928950		
153	112.3	90.1	135.1	
152	51.4	43.4	65.2	

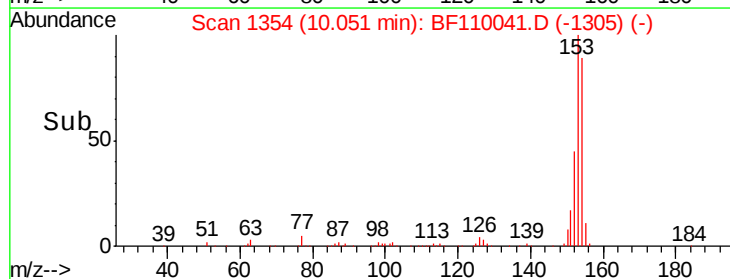
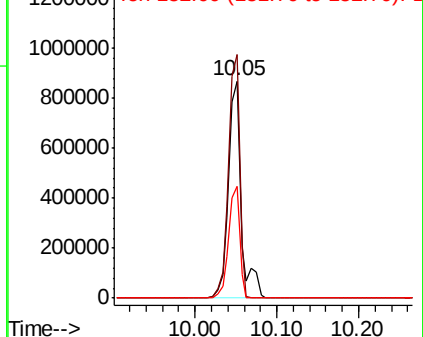


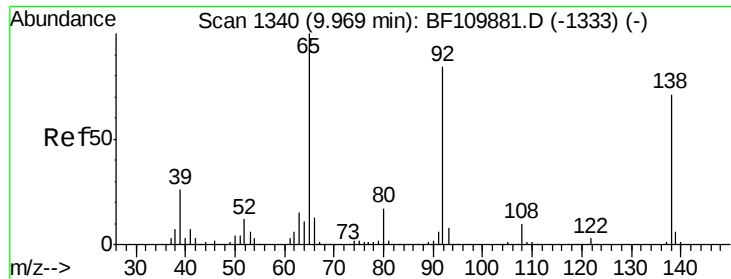
Abundance

Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E





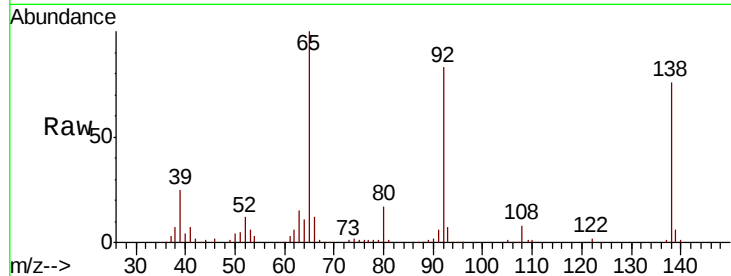
#53
3-Nitroaniline
Concen: 33.470 ng
RT: 9.96 min Scan# 1339
Delta R.T. -0.01 min
Lab File: BF110041.D
Acq: 22 Oct 2018 11:32

Instrument :
BNA_F
ClientSampleId :
PB114001BS

Tot Ion	Ratio	Lower	Upper
138	100		
108	10.5	8.7	13.1
92	110.2	97.0	145.4

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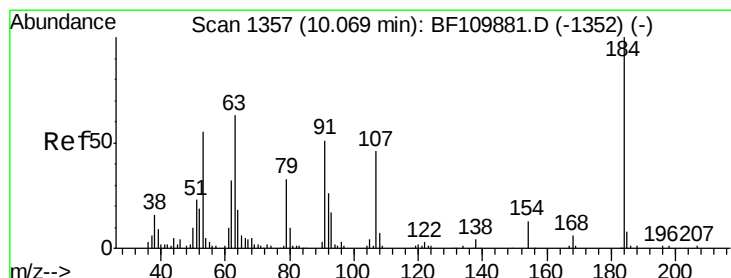
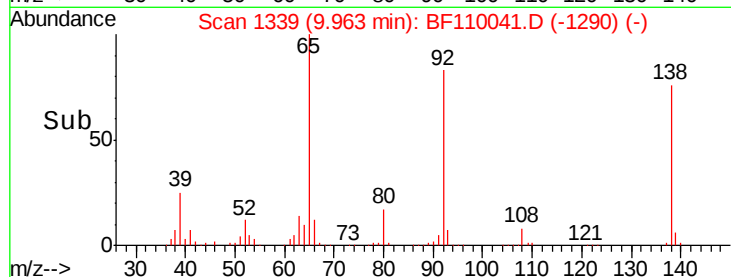
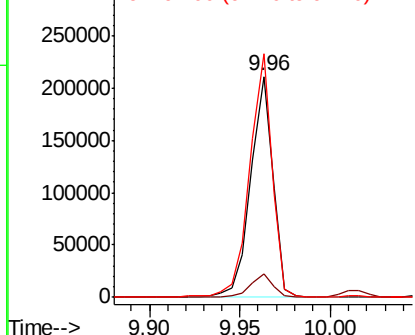


Abundance

Ion 138.00 (137.70 to 138.70): E

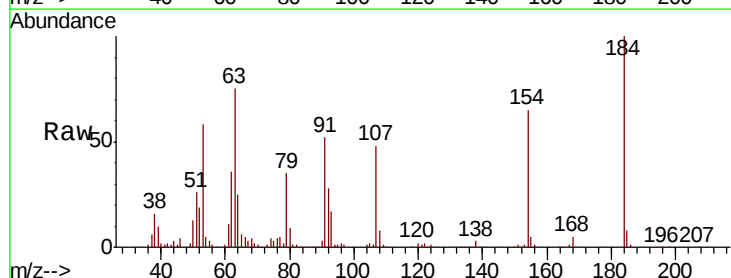
Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF1



#54
2,4-Dinitrophenol
Concen: 120.941 ng
RT: 10.07 min Scan# 1357
Delta R.T. -0.01 min
Lab File: BF110041.D
Acq: 22 Oct 2018 11:32

Tgt Ion	Ratio	Lower	Upper
184	100		
63	74.5	55.8	83.6
154	65.3	63.2	94.8

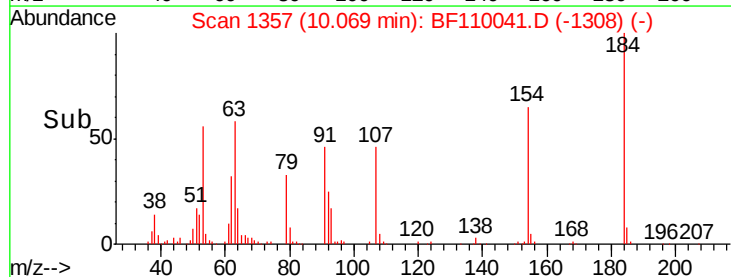
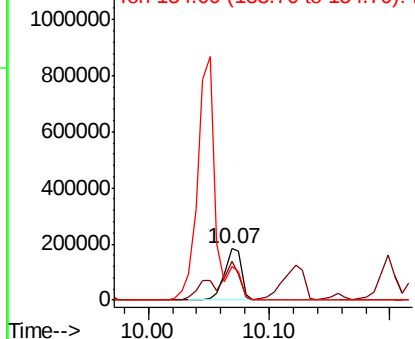


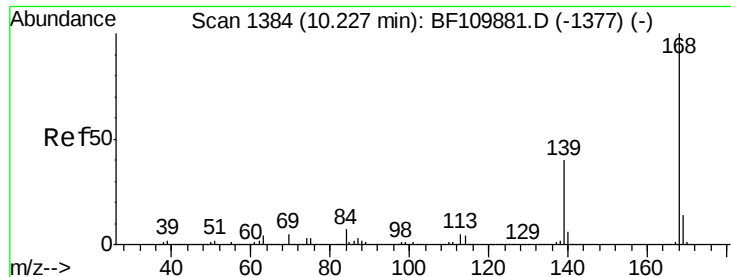
Abundance

Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 154.00 (153.70 to 154.70): E





#55

Dibenzenofuran

Concen: 41.603 ng

RT: 10.22 min Scan# 1383

Delta R.T. -0.01 min

Lab File: BF110041.D

Acq: 22 Oct 2018 11:32

Instrument :

BNA_F

ClientSampleId :

PB114001BS

Tot Ion:168 Resp: 1191344

Ion Ratio Lower Upper

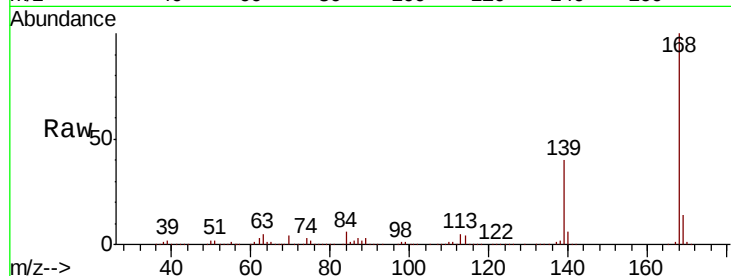
168 100

139 39.7 33.0 49.6

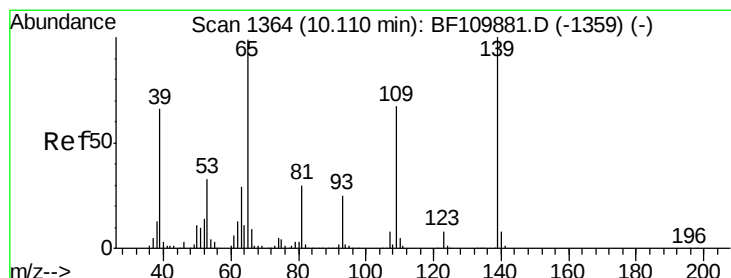
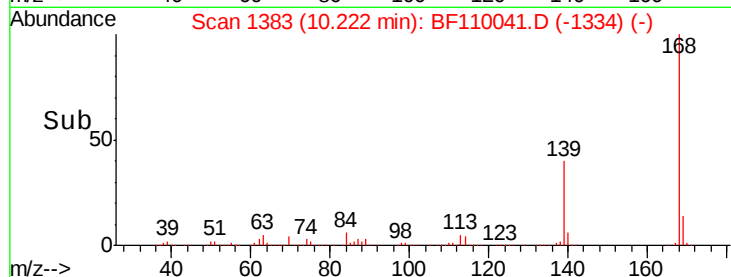
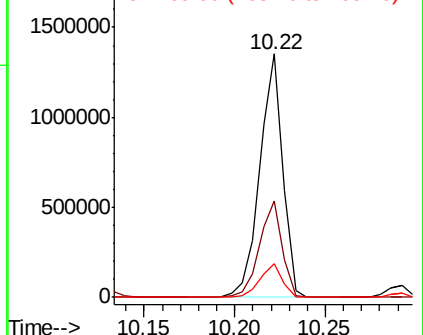
169 13.7 11.3 16.9

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



#56

4-Nitrophenol

Concen: 130.332 ng

RT: 10.13 min Scan# 1367

Delta R.T. 0.01 min

Lab File: BF110041.D

Acq: 22 Oct 2018 11:32

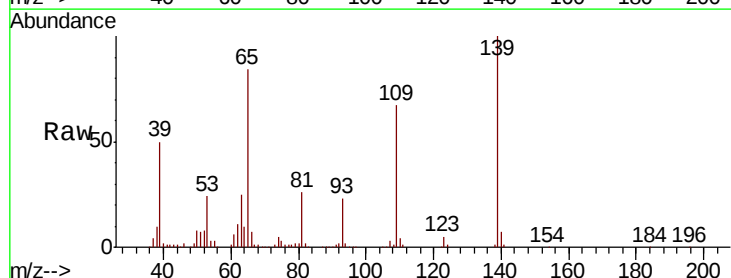
Tgt Ion:139 Resp: 538210

Ion Ratio Lower Upper

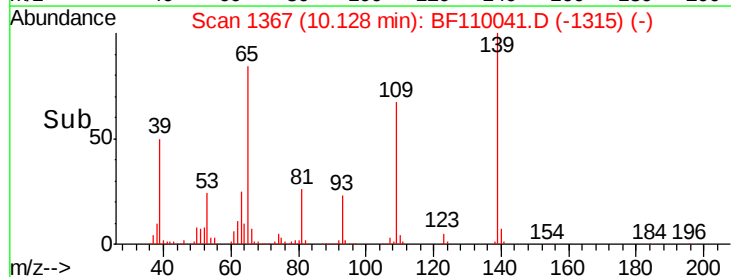
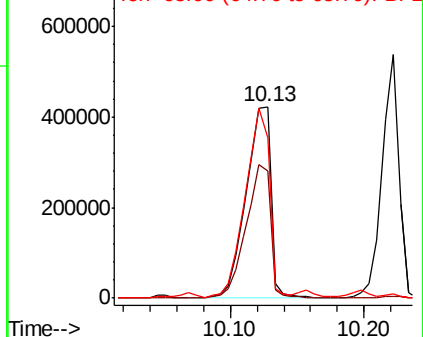
139 100

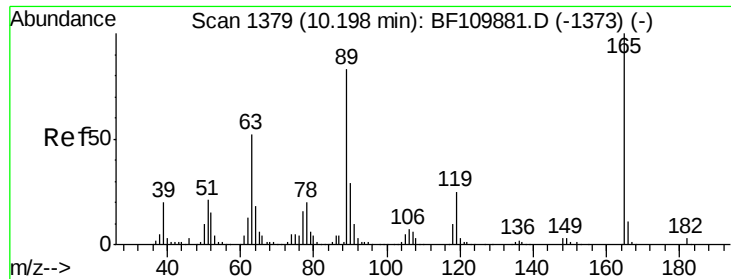
109 66.7 55.8 95.8

65 84.2 77.9 117.9



Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF1





#57

2,4-Dinitrotoluene

Concen: 53.041 ng

RT: 10.20 min Scan# 1379

Delta R.T. -0.01 min

Lab File: BF110041.D

Acq: 22 Oct 2018 11:32

Instrument :

BNA_F

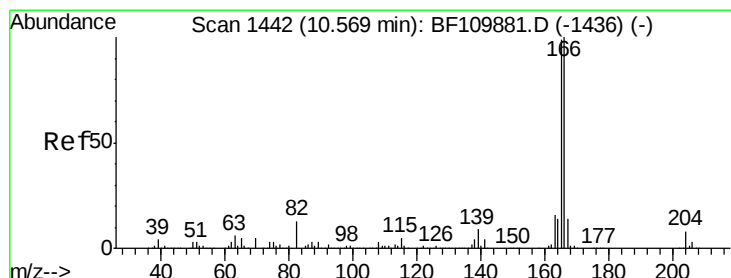
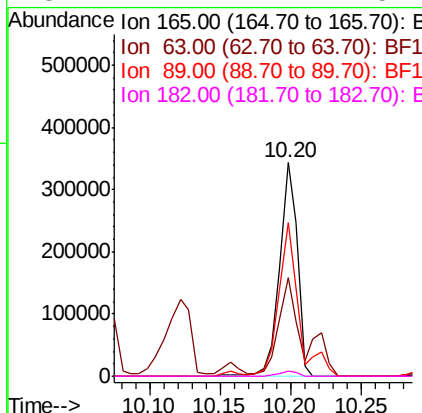
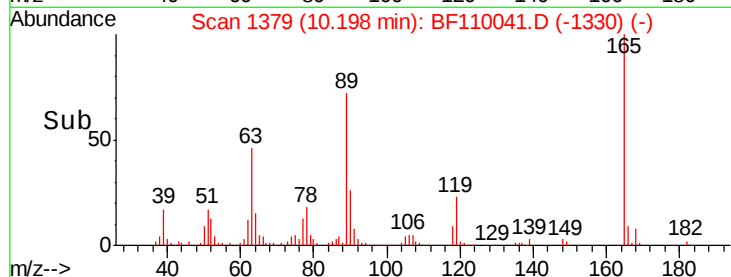
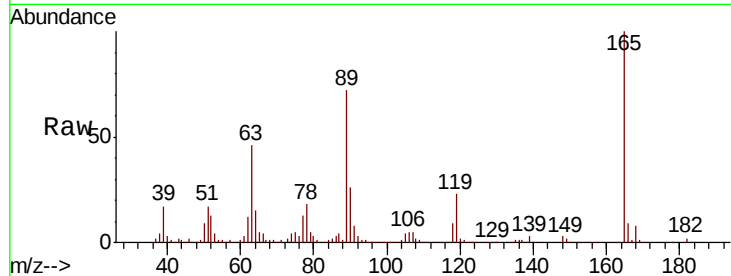
ClientSampleId :

PB114001BS

Tot Ion	Ratio	Resp	Lower	Upper
165	100	301083		
63	46.4		44.8	67.2
89	72.0		62.2	93.4
182	2.4		2.1	3.1

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#58

Fluorene

Concen: 44.938 ng

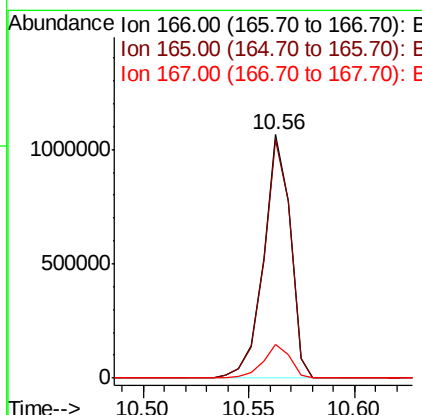
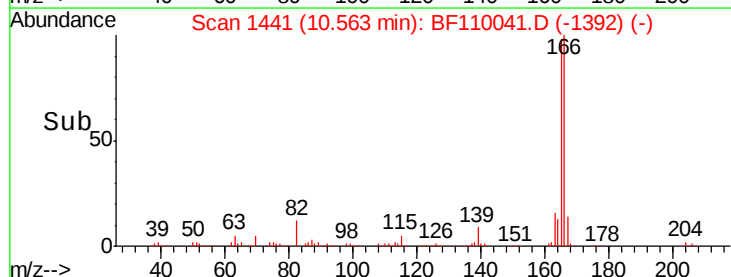
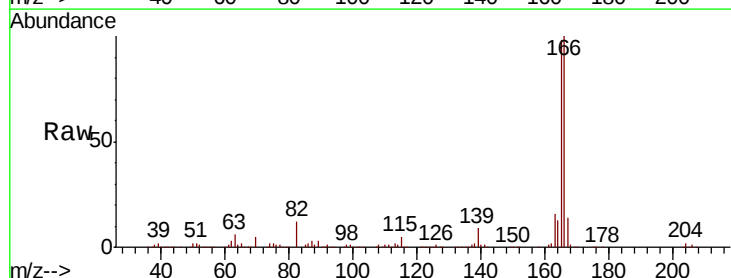
RT: 10.56 min Scan# 1441

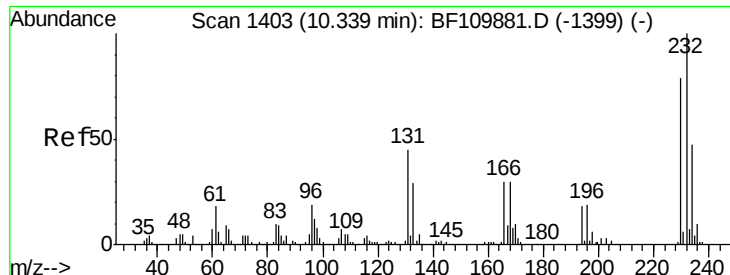
Delta R.T. -0.01 min

Lab File: BF110041.D

Acq: 22 Oct 2018 11:32

Tgt Ion	Ratio	Resp	Lower	Upper
166	100	936771		
165	98.0		78.6	117.8
167	13.8		10.8	16.2





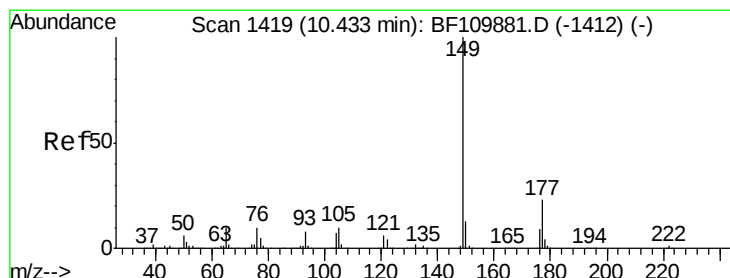
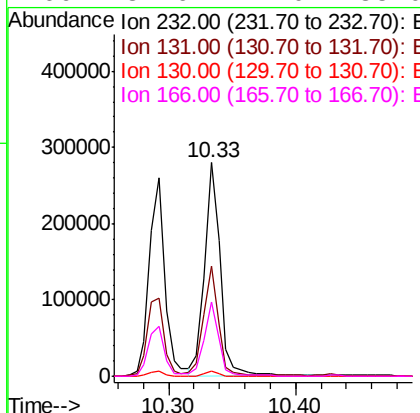
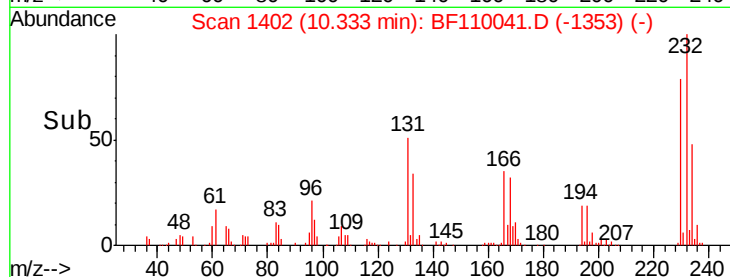
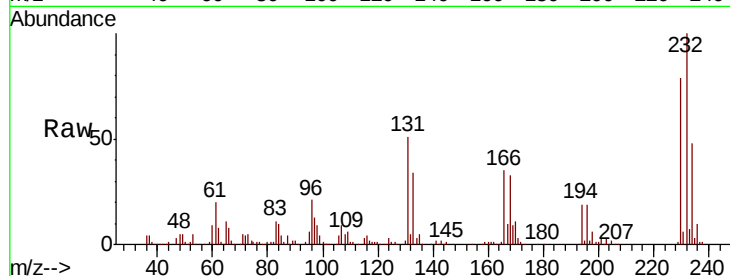
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 45.911 ng
 RT: 10.33 min Scan# 1402
 Delta R.T. -0.01 min
 Lab File: BF110041.D
 Acq: 22 Oct 2018 11:32

Instrument :
 BNA_F
 ClientSampleId :
 PB114001BS

Tot Ion:	232	Resp:	240606
Ion Ratio	Lower	Upper	
232	100		
131	48.7	37.0	55.4
130	2.3	1.8	2.6
166	32.6	22.0	33.0

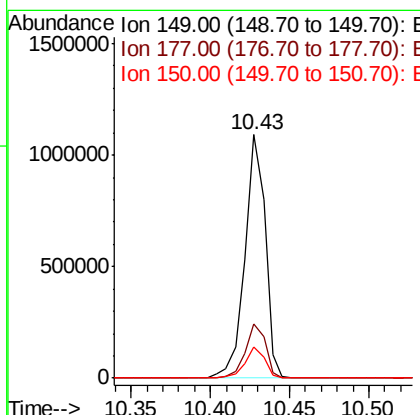
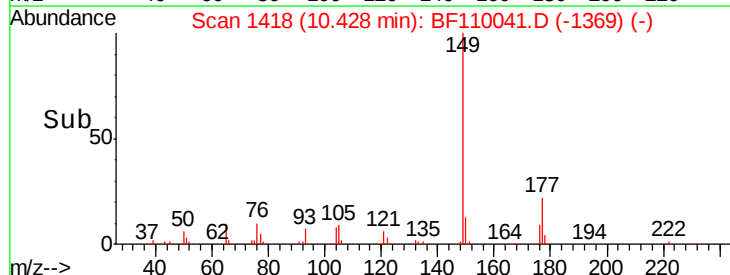
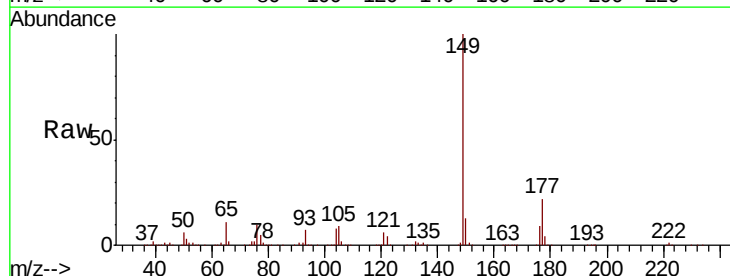
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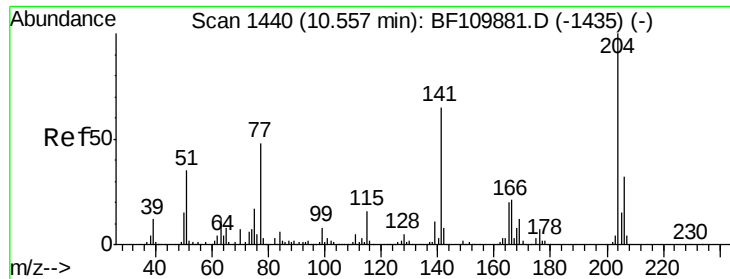
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#60
 Diethylphthalate
 Concen: 41.819 ng
 RT: 10.43 min Scan# 1418
 Delta R.T. -0.01 min
 Lab File: BF110041.D
 Acq: 22 Oct 2018 11:32

Tgt Ion:	149	Resp:	967515
Ion Ratio	Lower	Upper	
149	100		
177	22.2	17.4	26.2
150	12.7	9.8	14.8





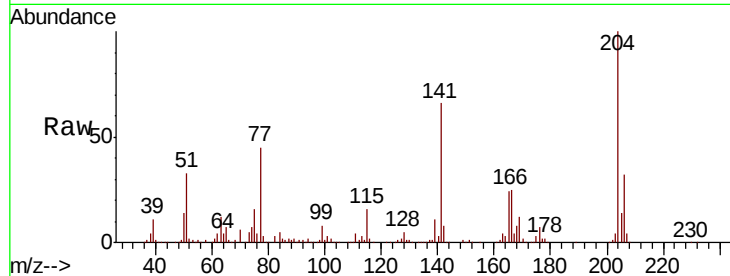
#61
4-Chlorophenyl-phenylether
Concen: 40.839 ng
RT: 10.55 min Scan# 1439
Delta R.T. -0.01 min
Lab File: BF110041.D
Acq: 22 Oct 2018 11:32

Instrument :
BNA_F
ClientSampled :
PB114001BS

Tot Ion	Ratio	Lower	Upper
204	100		
206	32.2	26.5	39.7
141	66.0	51.8	77.8

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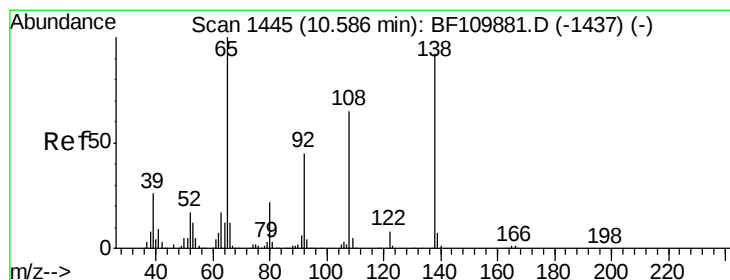
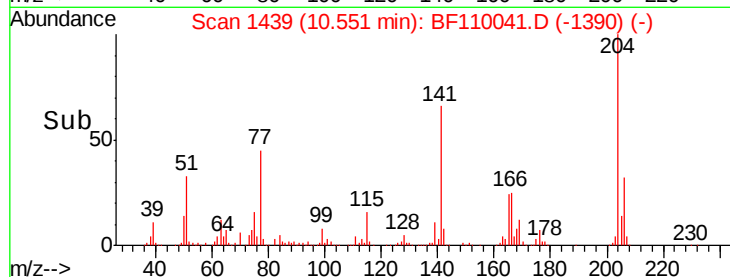
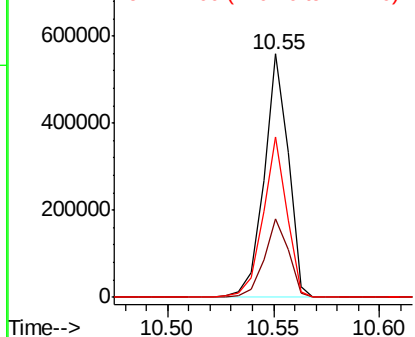


Abundance

Ion 204.00 (203.70 to 204.70): E

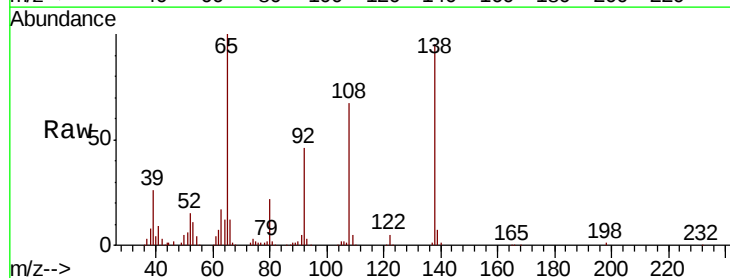
Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E



#62
4-Nitroaniline
Concen: 50.071 ng
RT: 10.59 min Scan# 1445
Delta R.T. -0.01 min
Lab File: BF110041.D
Acq: 22 Oct 2018 11:32

Tgt Ion	Ratio	Lower	Upper
138	100		
92	48.4	31.7	71.7
108	70.6	59.3	99.3

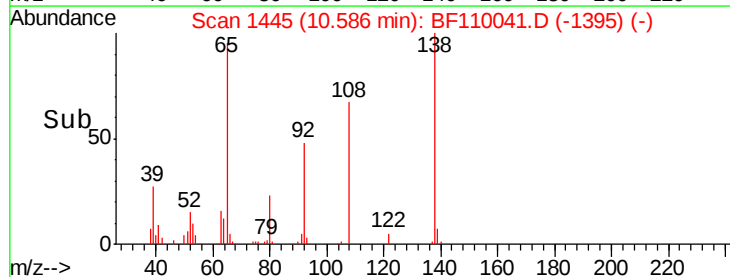
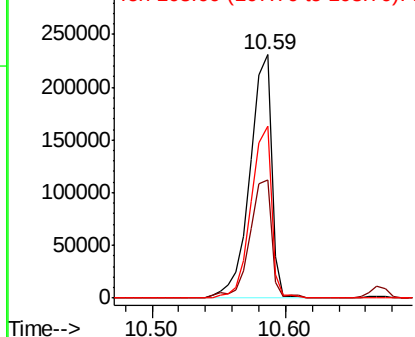


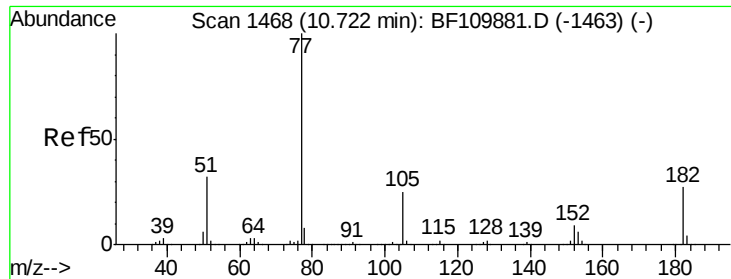
Abundance

Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BF1

Ion 108.00 (107.70 to 108.70): E





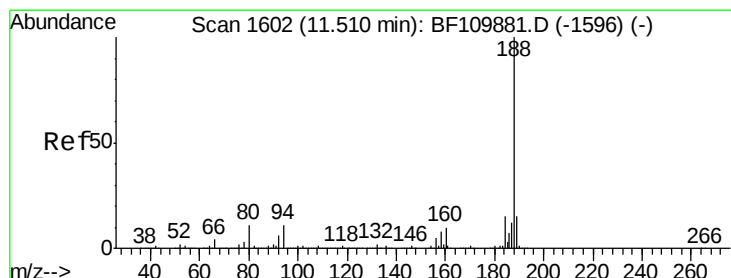
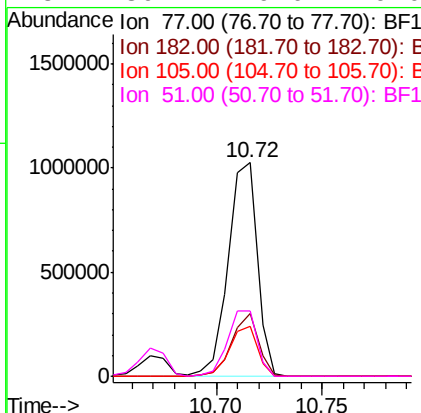
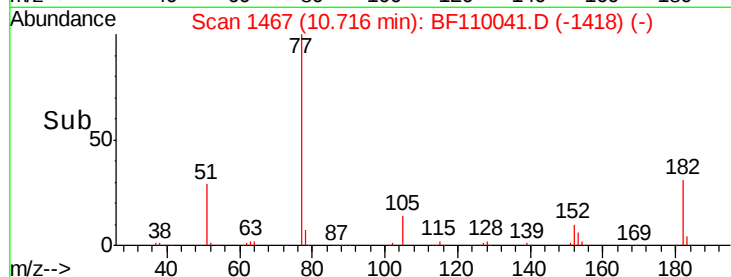
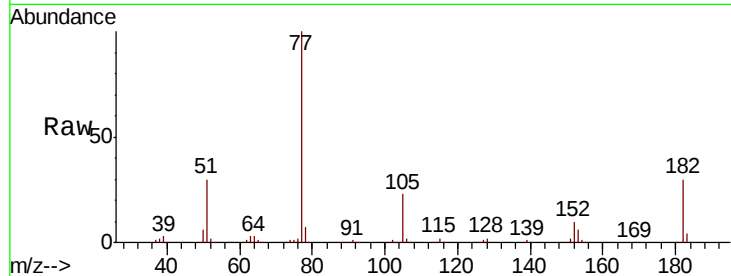
#63
Azobenzene
Concen: 40.358 ng
RT: 10.72 min Scan# 1467
Delta R.T. -0.01 min
Lab File: BF110041.D
Acq: 22 Oct 2018 11:32

Instrument :
BNA_F
ClientSampleId :
PB114001BS

Tot Ion	Ratio	Resp	Lower	Upper
77	100	975436		
182	29.6	4.3	44.3	
105	23.1	1.3	41.3	
51	30.4	9.0	49.0	

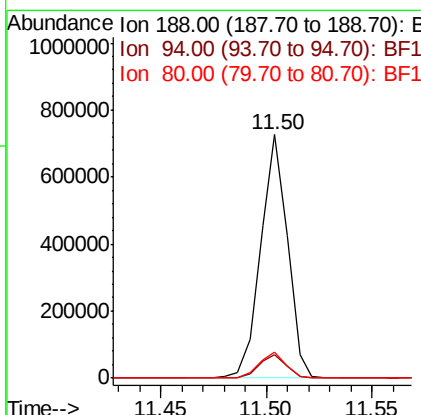
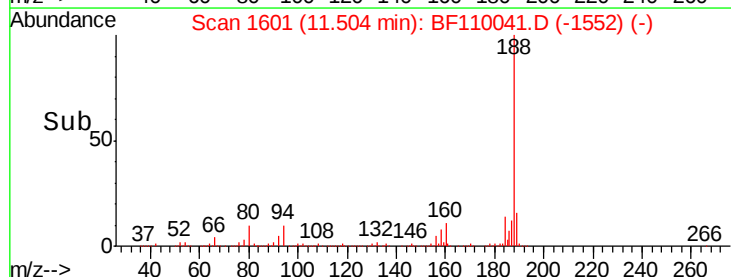
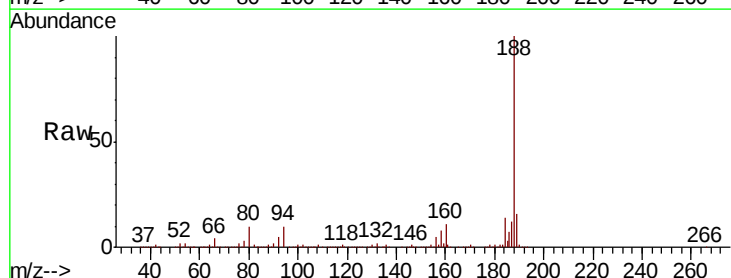
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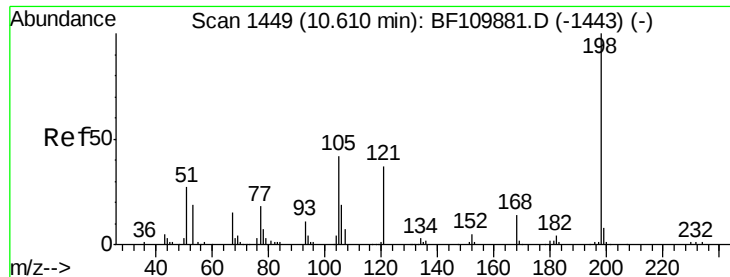
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#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.50 min Scan# 1601
Delta R.T. -0.01 min
Lab File: BF110041.D
Acq: 22 Oct 2018 11:32

Tgt Ion	Ratio	Resp	Lower	Upper
188	100	642839		
94	9.6	7.2	10.8	
80	10.5	7.9	11.9	





#65

4,6-Dinitro-2-methylphenol

Concen: 49.313 ng

RT: 10.61 min Scan# 1449

Delta R.T. -0.01 min

Lab File: BF110041.D

Acq: 22 Oct 2018 11:32

Instrument :

BNA_F

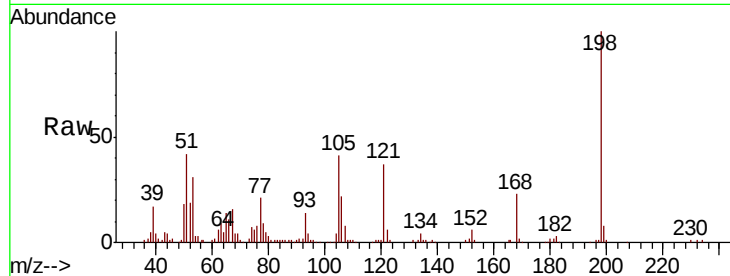
ClientSampleID :

PB114001BS

Tot Ion:	198	Resp:	115446
Ion Ratio	Lower	Upper	
198	100		
51	42.4	22.8	62.8
105	41.4	23.6	63.6

Manual Integrations
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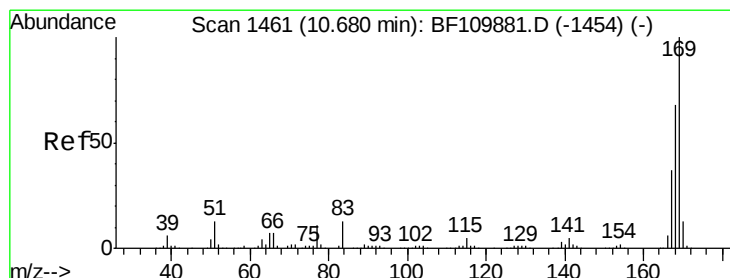
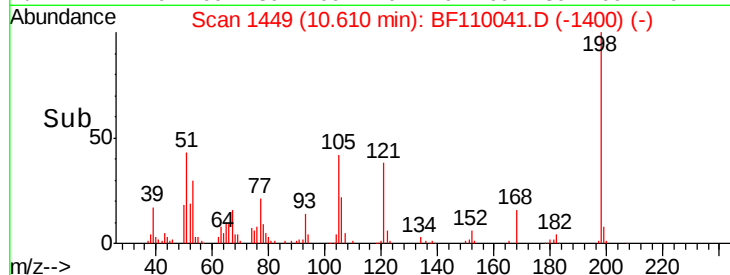
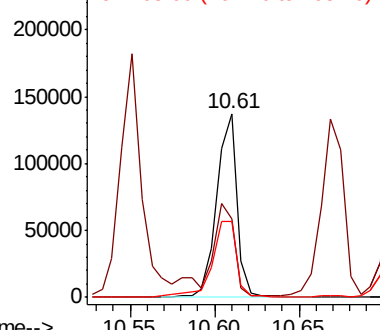


Abundance

Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF1

Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 39.078 ng

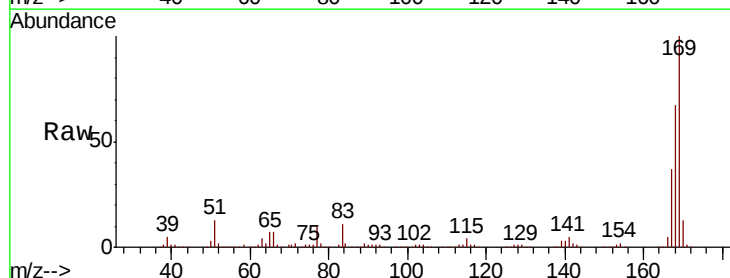
RT: 10.67 min Scan# 1460

Delta R.T. -0.01 min

Lab File: BF110041.D

Acq: 22 Oct 2018 11:32

Tgt Ion:	169	Resp:	836672
Ion Ratio	Lower	Upper	
169	100		
168	67.5	51.2	76.8
167	36.9	27.8	41.6

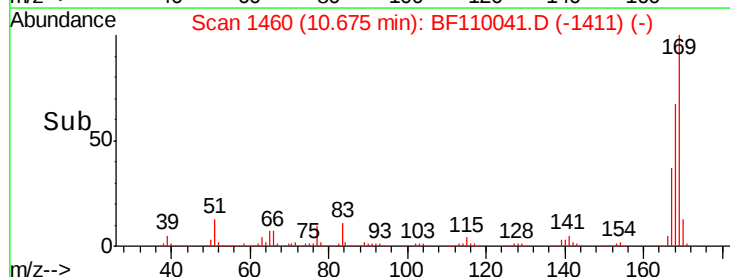
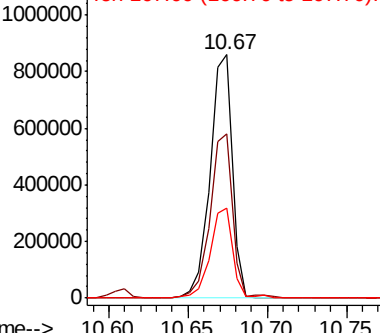


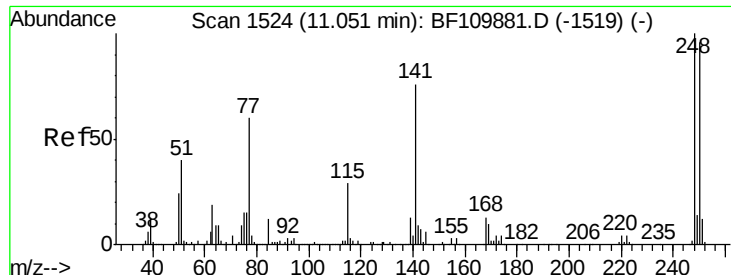
Abundance

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





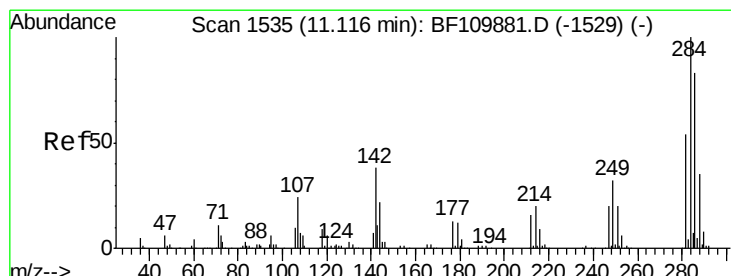
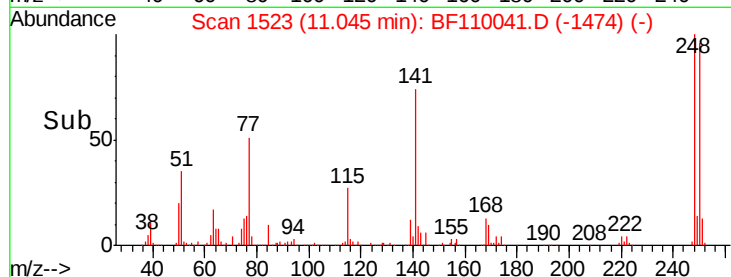
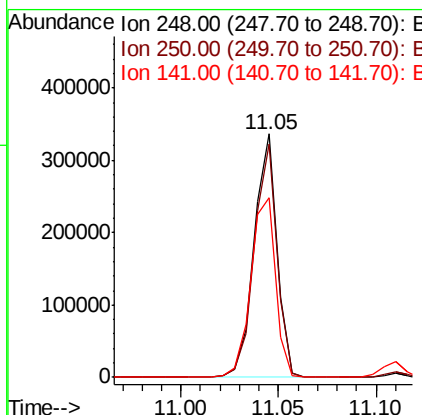
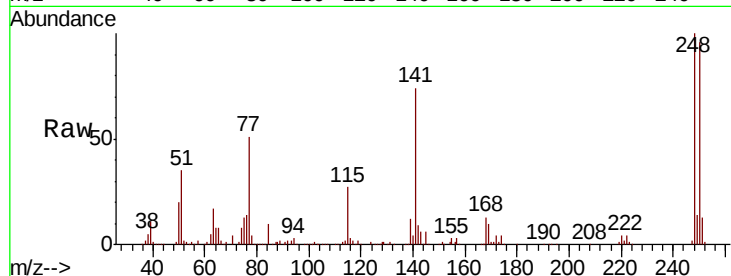
#67
4-Bromophenyl-phenylether
Concen: 39.393 ng
RT: 11.05 min Scan# 1523
Delta R.T. -0.01 min
Lab File: BF110041.D
Acq: 22 Oct 2018 11:32

Instrument :
BNA_F
ClientSampleId :
PB114001BS

Tot Ion	Ratio	Lower	Upper
248	100		
250	95.7	79.4	119.2
141	73.6	55.9	83.9

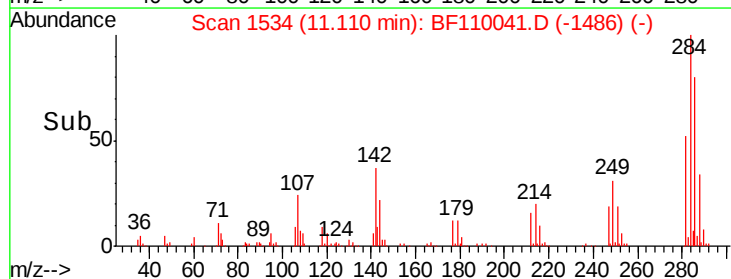
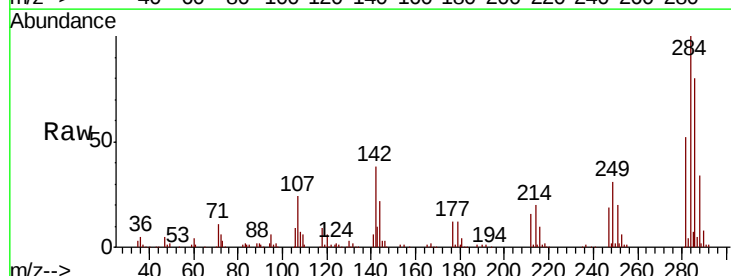
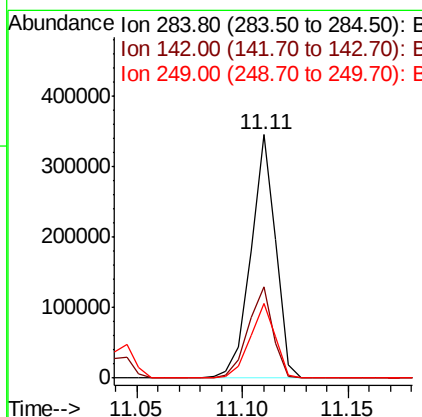
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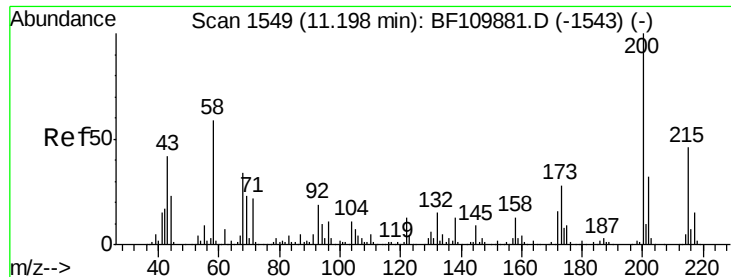
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#68
Hexachlorobenzene
Concen: 37.916 ng
RT: 11.11 min Scan# 1534
Delta R.T. -0.02 min
Lab File: BF110041.D
Acq: 22 Oct 2018 11:32

Tgt Ion	Ratio	Lower	Upper
284	100		
142	37.6	23.9	35.9#
249	30.6	24.2	36.2





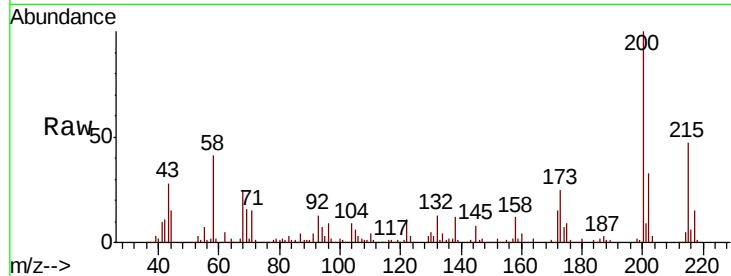
#69
 Atrazine
 Concen: 41.824 ng
 RT: 11.20 min Scan# 1549
 Delta R.T. -0.01 min
 Lab File: BF110041.D
 Acq: 22 Oct 2018 11:32

Instrument :
 BNA_F
 ClientSampleId :
 PB114001BS

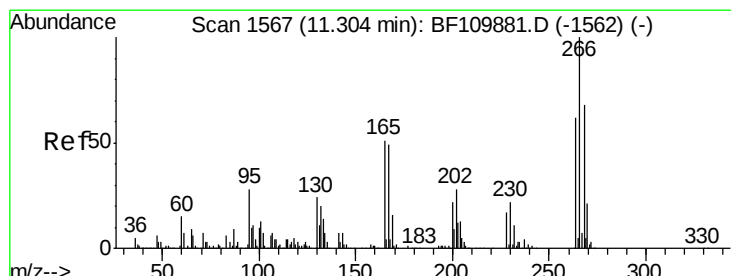
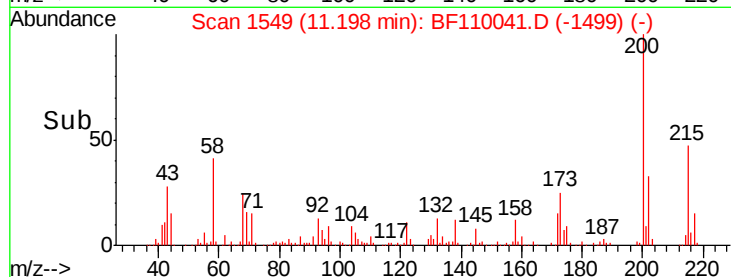
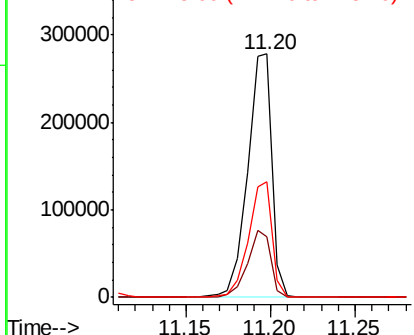
Tot Ion	Ratio	Lower	Upper
200	100		
173	24.7	6.6	46.6
215	47.4	26.3	66.3

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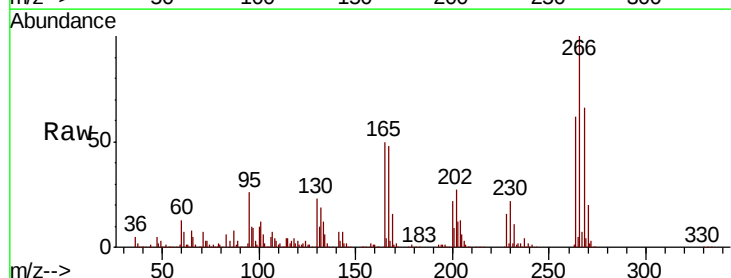


Abundance Ion 200.00 (199.70 to 200.70): E
 Ion 173.00 (172.70 to 173.70): E
 Ion 215.00 (214.70 to 215.70): E

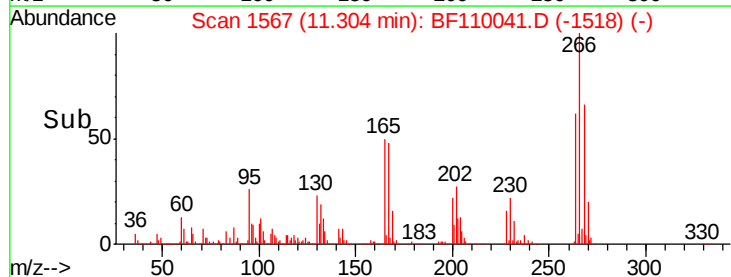
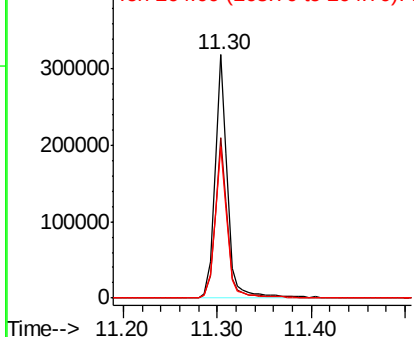


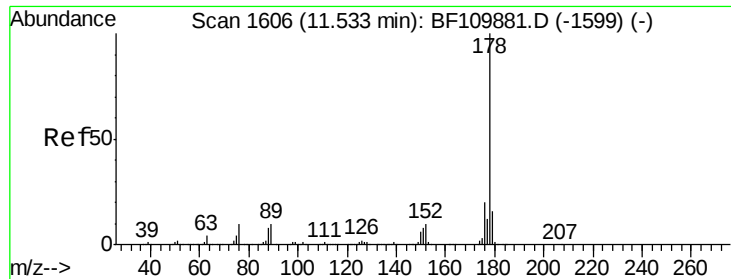
#70
 Pentachlorophenol
 Concen: 71.294 ng
 RT: 11.30 min Scan# 1567
 Delta R.T. -0.01 min
 Lab File: BF110041.D
 Acq: 22 Oct 2018 11:32

Tgt Ion	Ratio	Lower	Upper
266	100		
268	65.6	50.6	75.8
264	62.2	50.6	75.8



Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E





#71

Phenanthrene

Concen: 42.525 ng

RT: 11.53 min Scan# 1605

Delta R.T. -0.02 min

Lab File: BF110041.D

Acq: 22 Oct 2018 11:32

Instrument :

BNA_F

ClientSampleId :

PB114001BS

Tot Ion:178 Resp: 1415241

Ion Ratio Lower Upper

178 100

176 19.7 15.5 23.3

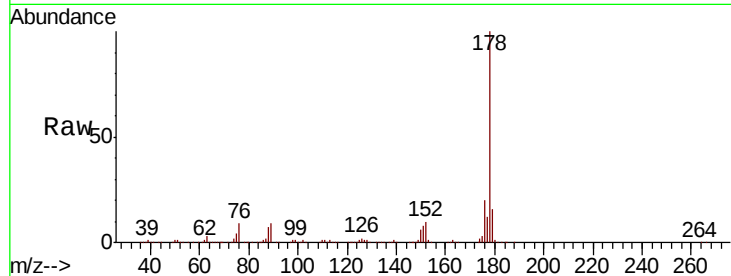
179 15.7 12.5 18.7

Manual Integrations

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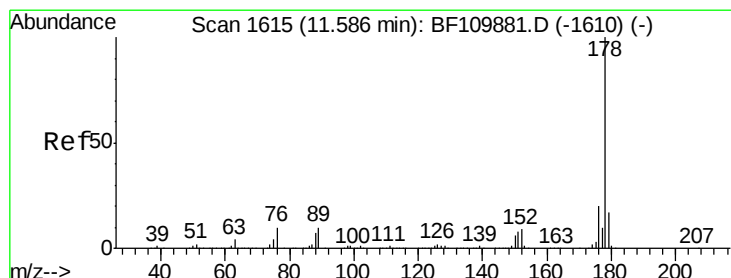
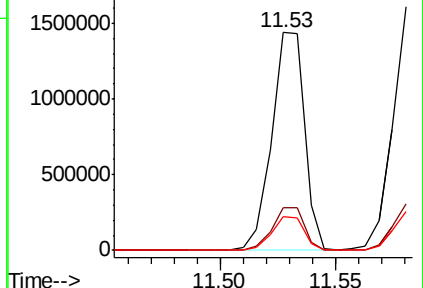
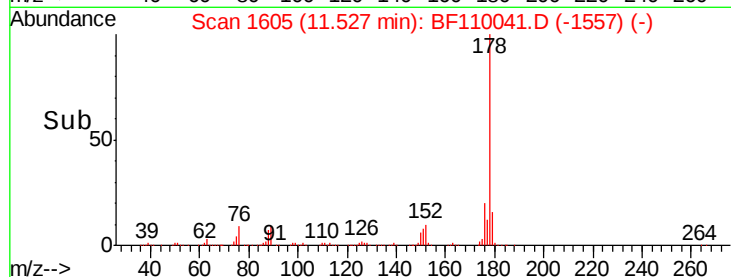
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Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Anthracene

Concen: 43.255 ng

RT: 11.58 min Scan# 1614

Delta R.T. -0.02 min

Lab File: BF110041.D

Acq: 22 Oct 2018 11:32

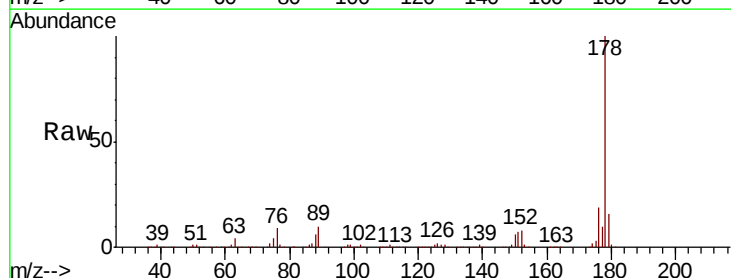
Tgt Ion:178 Resp: 1447240

Ion Ratio Lower Upper

178 100

176 19.0 15.4 23.2

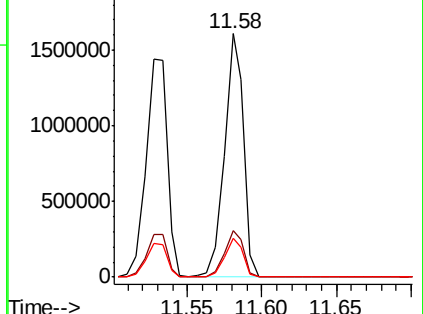
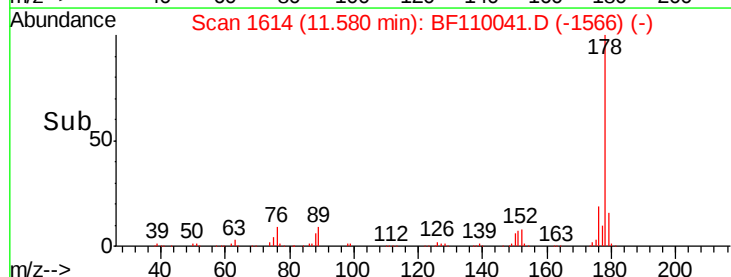
179 16.1 12.6 18.8



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





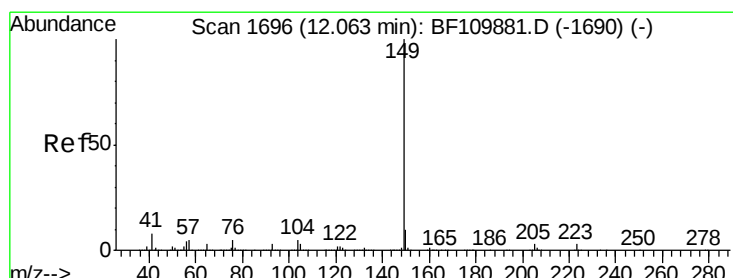
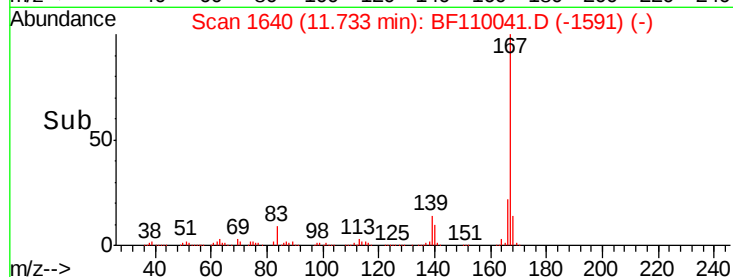
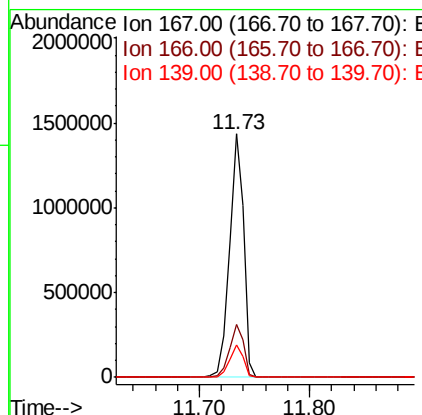
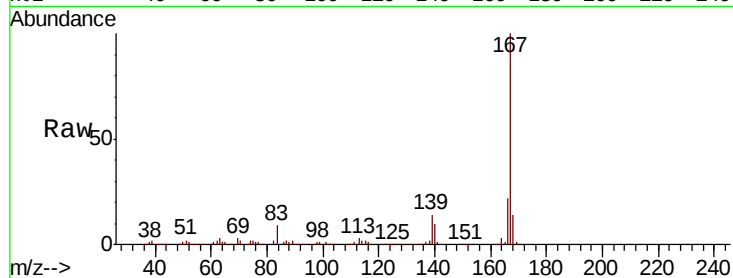
#73
 Carbazole
 Concen: 39.189 ng
 RT: 11.73 min Scan# 1640
 Delta R.T. -0.01 min
 Lab File: BF110041.D
 Acq: 22 Oct 2018 11:32

Instrument :
 BNA_F
 ClientSampleId :
 PB114001BS

Tot Ion	Ratio	Lower	Upper
167	100		
166	21.7	17.4	26.0
139	13.5	10.9	16.3

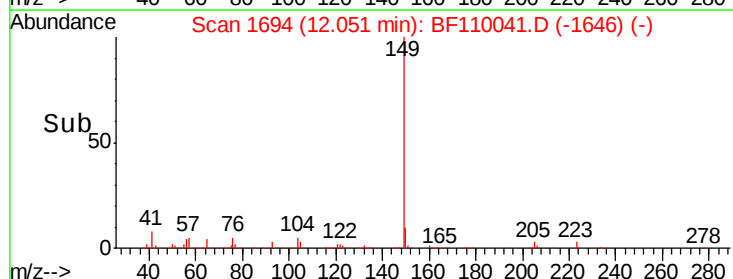
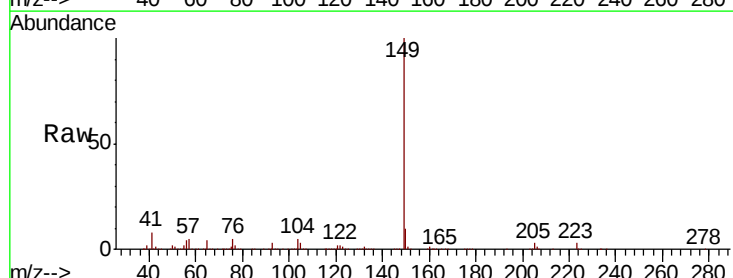
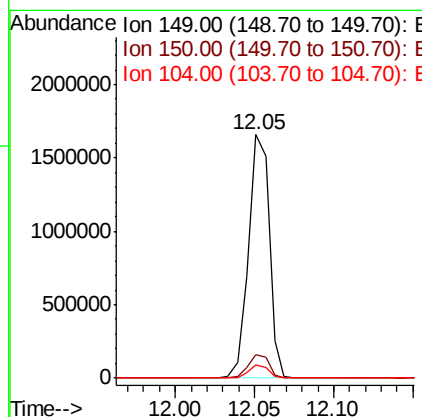
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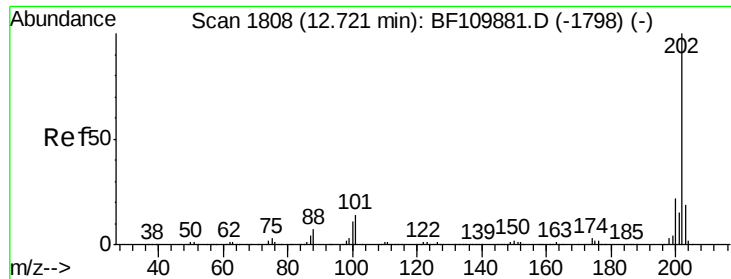
Sohil
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#74
 Di-n-butylphthalate
 Concen: 40.866 ng
 RT: 12.05 min Scan# 1694
 Delta R.T. -0.02 min
 Lab File: BF110041.D
 Acq: 22 Oct 2018 11:32

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.8	7.7	11.5
104	5.3	4.2	6.4





#75

Fluoranthene

Concen: 43.813 ng

RT: 12.72 min Scan# 1808

Delta R.T. -0.01 min

Lab File: BF110041.D

Acq: 22 Oct 2018 11:32

Instrument :

BNA_F

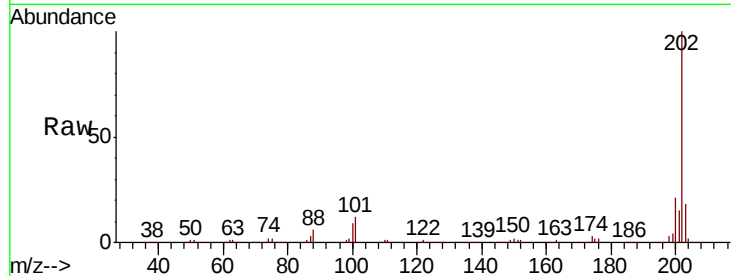
ClientSampled :

PB114001BS

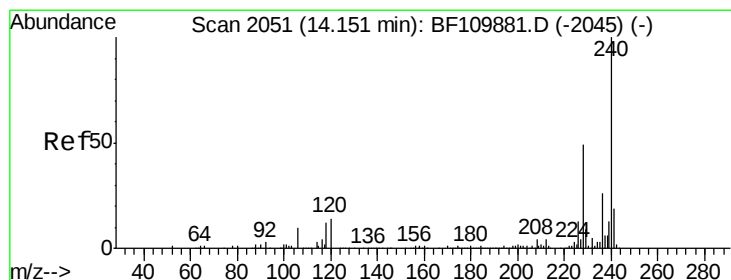
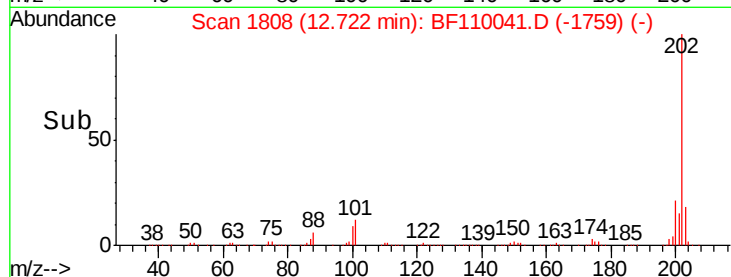
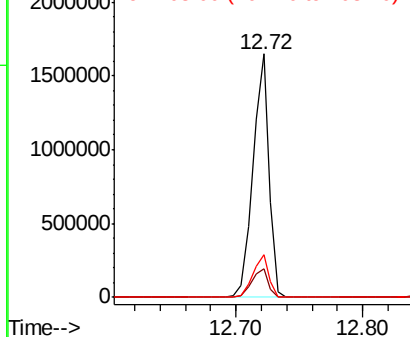
Tot Ion:	202	Resp:	1456634
Ion	Ratio	Lower	Upper
202	100		
101	11.7	0.0	31.4
203	17.7	0.0	37.7

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



#76

Chrysene-d12

Concen: 20.000 ng

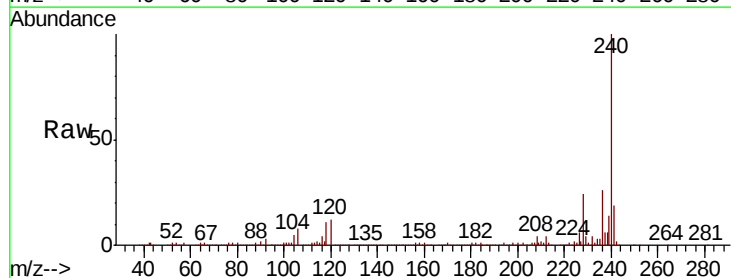
RT: 14.15 min Scan# 2051

Delta R.T. -0.01 min

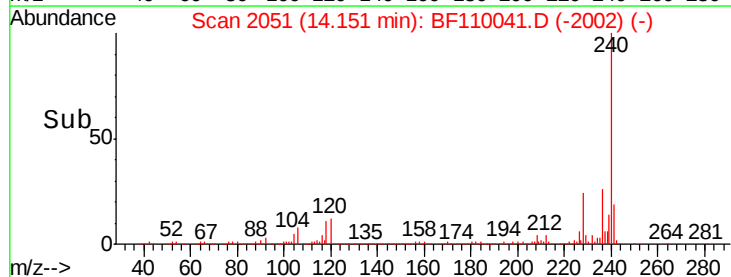
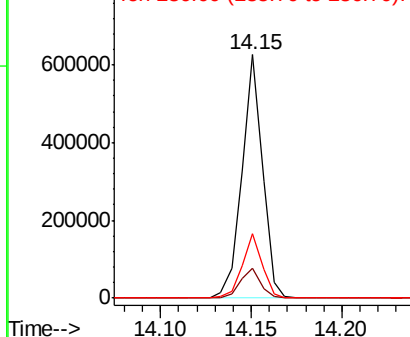
Lab File: BF110041.D

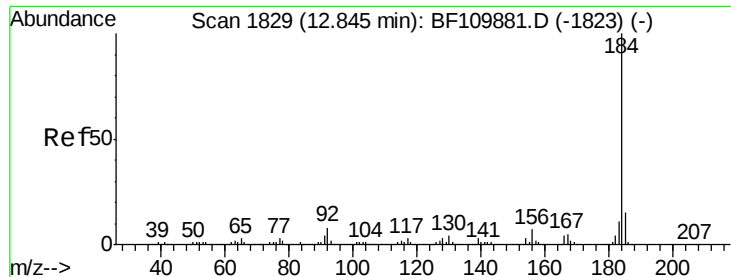
Acq: 22 Oct 2018 11:32

Tgt Ion:	240	Resp:	490604
Ion	Ratio	Lower	Upper
240	100		
120	12.1	8.3	12.5
236	26.3	21.2	31.8



Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 48.895 ng

RT: 12.84 min Scan# 1828

Delta R.T. -0.01 min

Lab File: BF110041.D

Acq: 22 Oct 2018 11:32

Instrument :

BNA_F

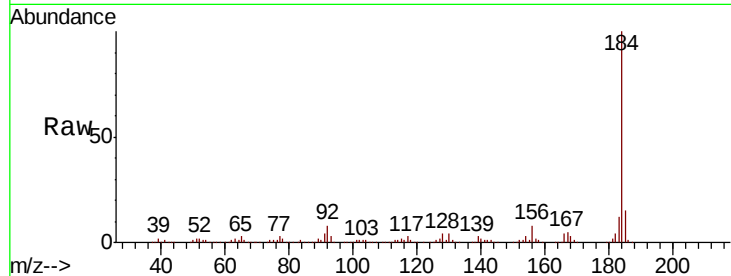
ClientSampleId :

PB114001BS

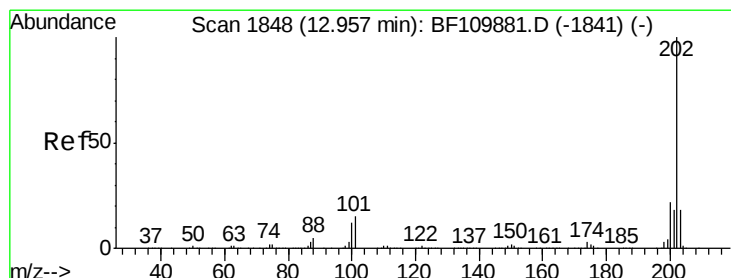
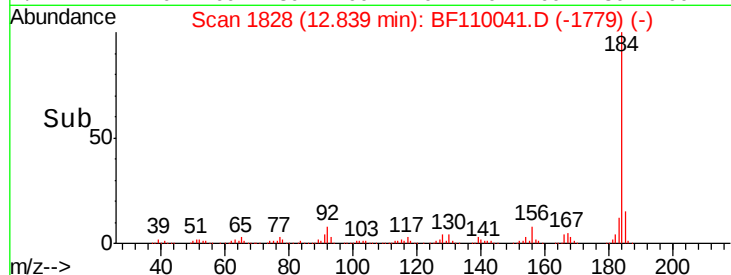
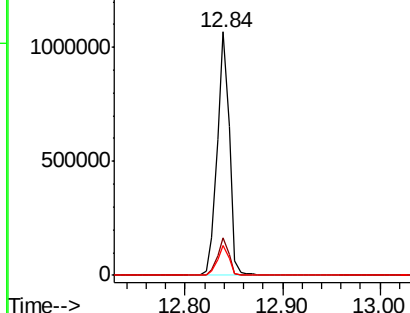
Tot Ion:	184	Resp:	919735
Ion Ratio	Lower	Upper	
184	100		
185	15.2	13.4	20.2
183	12.3	9.4	14.2

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Abundance Ion 184.00 (183.70 to 184.70): E
Ion 185.00 (184.70 to 185.70): E
Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 41.140 ng

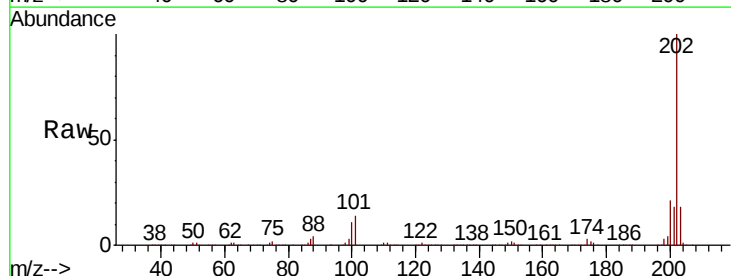
RT: 12.95 min Scan# 1847

Delta R.T. -0.02 min

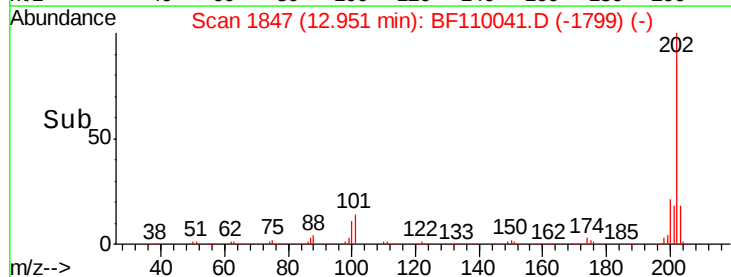
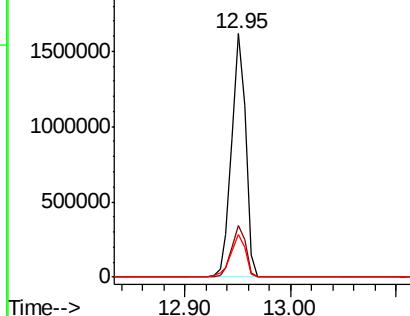
Lab File: BF110041.D

Acq: 22 Oct 2018 11:32

Tgt Ion:	202	Resp:	1482423
Ion Ratio	Lower	Upper	
202	100		
200	21.2	17.8	26.6
203	17.7	14.2	21.4



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





#79

Terphenyl-d14

Concen: 71.807 ng

RT: 13.09 min Scan# 1870

Delta R.T. -0.02 min

Lab File: BF110041.D

Acq: 22 Oct 2018 11:32

Instrument :

BNA_F

ClientSampleId :

PB114001BS

Tot Ion:244 Resp: 1677614

Ion Ratio Lower Upper

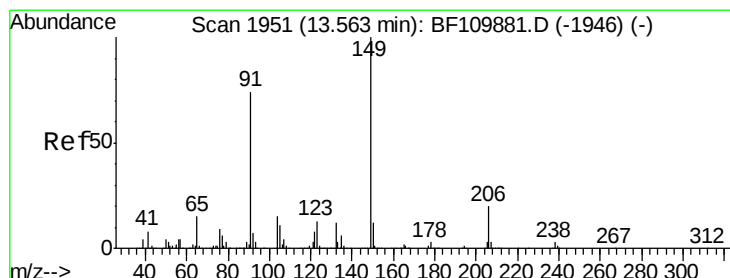
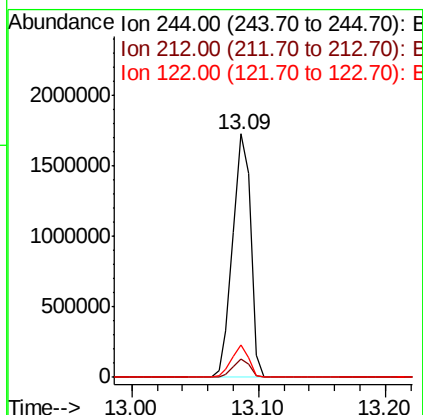
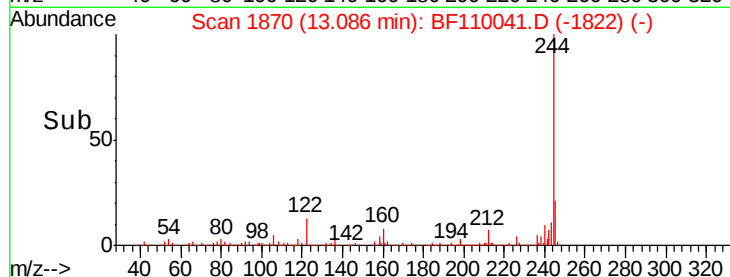
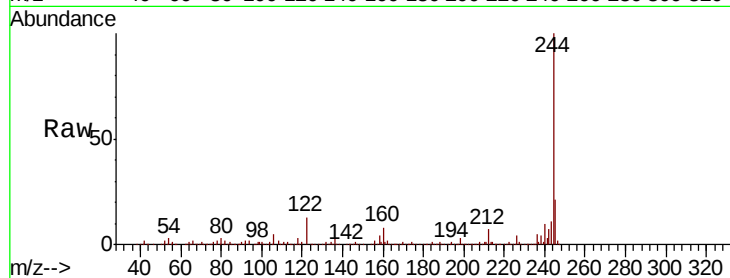
244 100

212 7.3 5.8 8.8

122 13.4 8.7 13.1#

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#80

Butylbenzylphthalate

Concen: 44.329 ng

RT: 13.56 min Scan# 1950

Delta R.T. -0.01 min

Lab File: BF110041.D

Acq: 22 Oct 2018 11:32

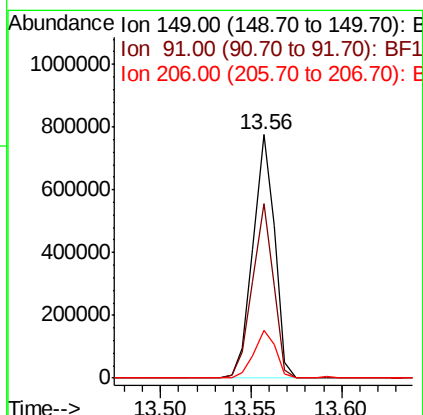
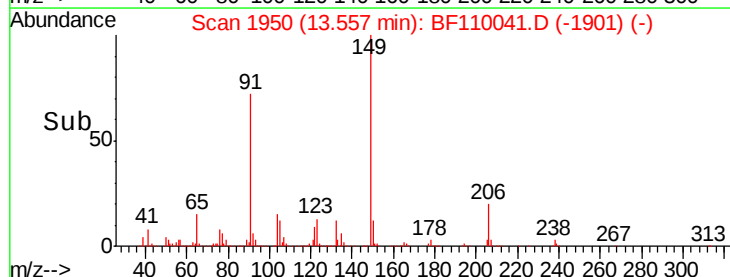
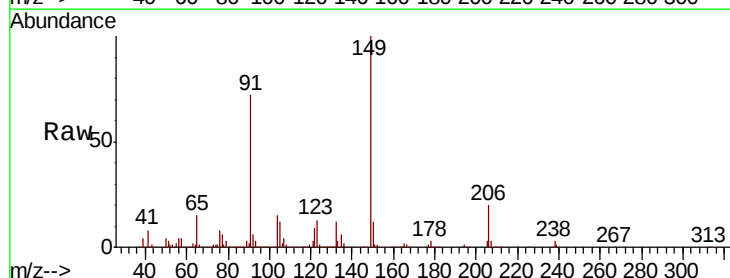
Tgt Ion:149 Resp: 645778

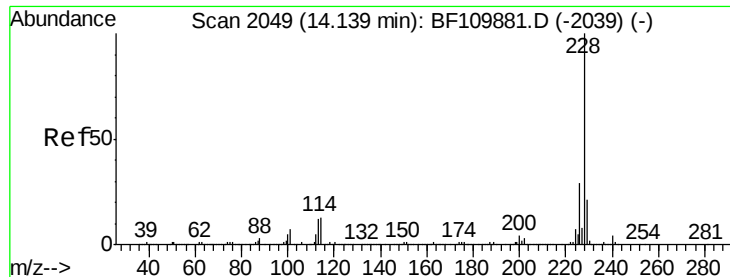
Ion Ratio Lower Upper

149 100

91 71.7 57.2 85.8

206 19.6 15.7 23.5





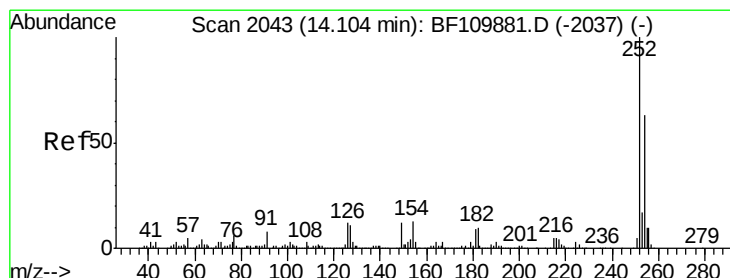
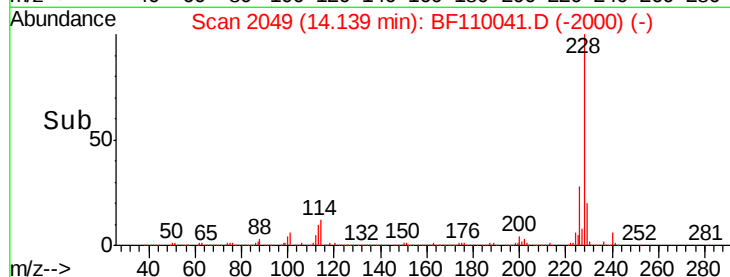
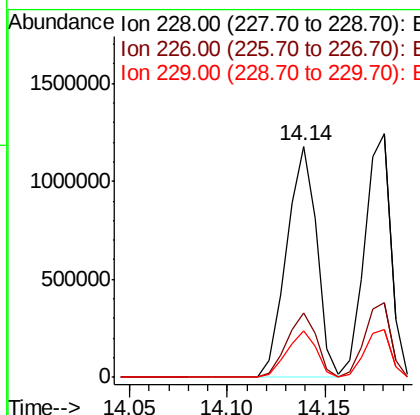
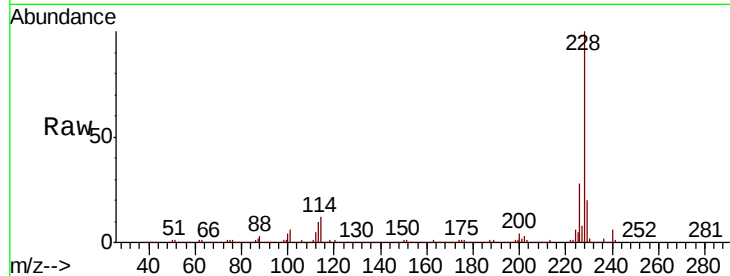
#81
Benzo(a)anthracene
Concen: 43.520 ng
RT: 14.14 min Scan# 2049
Delta R.T. -0.01 min
Lab File: BF110041.D
Acq: 22 Oct 2018 11:32

Instrument :
BNA_F
ClientSampleId :
PB114001BS

Tot Ion	Ratio	Lower	Upper
228	100		
226	27.8	22.1	33.1
229	20.2	15.6	23.4

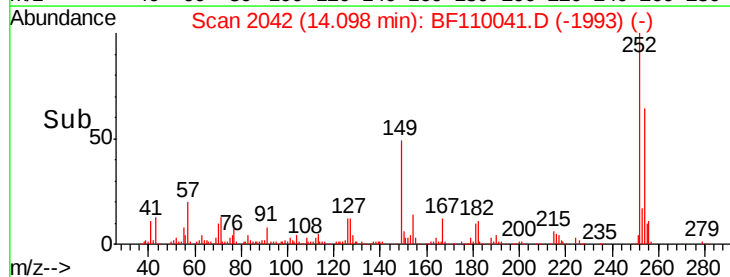
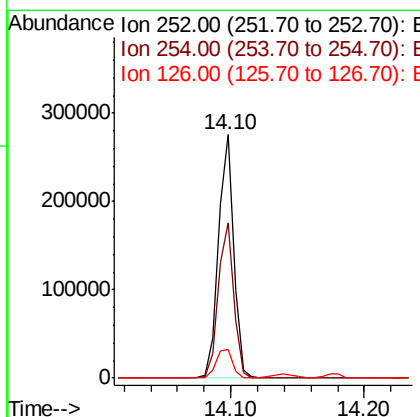
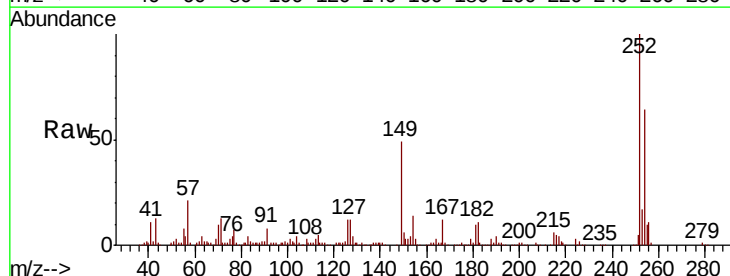
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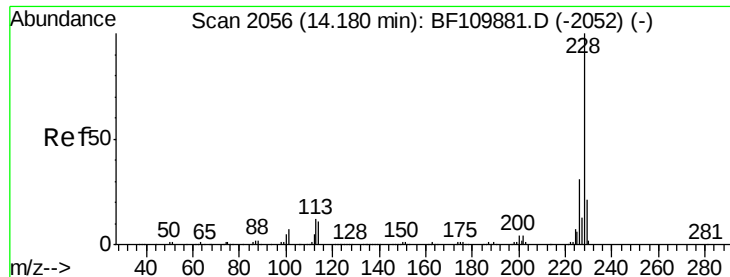
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#82
3,3'-Dichlorobenzidine
Concen: 22.170 ng
RT: 14.10 min Scan# 2042
Delta R.T. -0.01 min
Lab File: BF110041.D
Acq: 22 Oct 2018 11:32

Tgt Ion	Ratio	Lower	Upper
252	100		
254	63.9	51.3	76.9
126	11.8	9.4	14.2





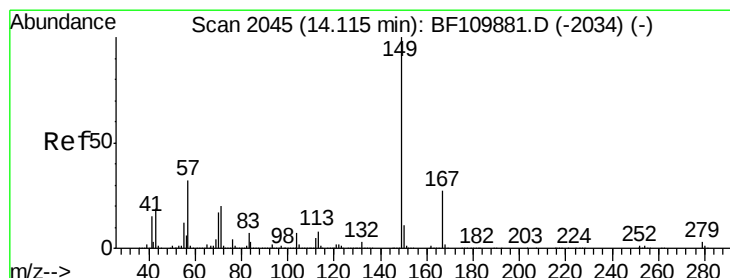
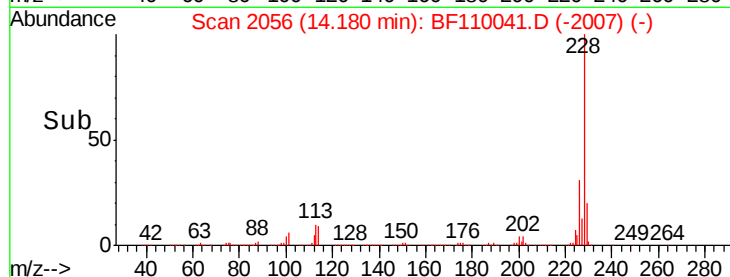
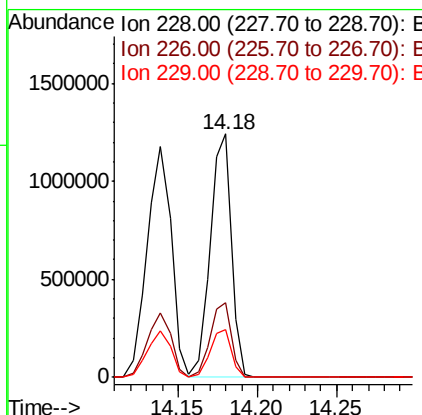
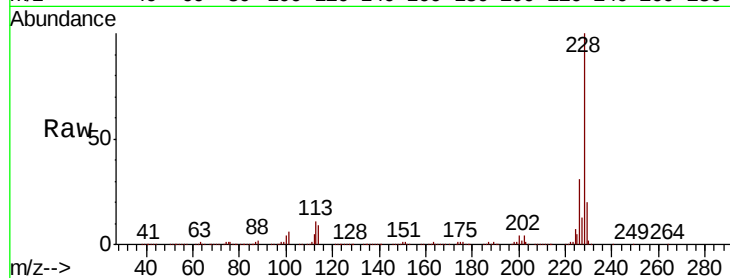
#83
Chrysene
Concen: 41.991 ng
RT: 14.18 min Scan# 2056
Delta R.T. -0.01 min
Lab File: BF110041.D
Acq: 22 Oct 2018 11:32

Instrument :
BNA_F
ClientSampleId :
PB114001BS

Tot Ion:228 Resp: 1155030
Ion Ratio Lower Upper
228 100
226 30.5 24.7 37.1
229 19.6 15.9 23.9

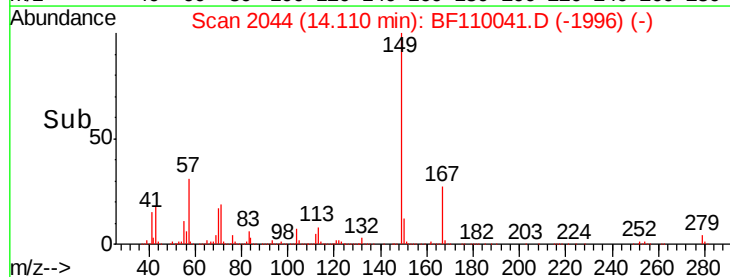
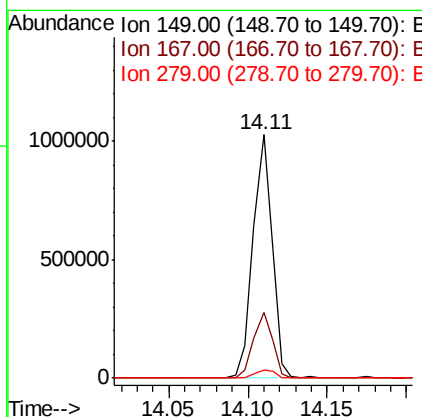
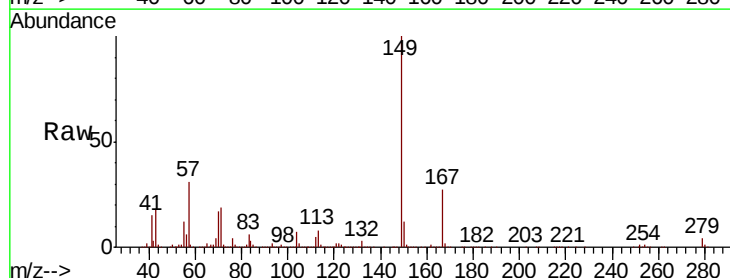
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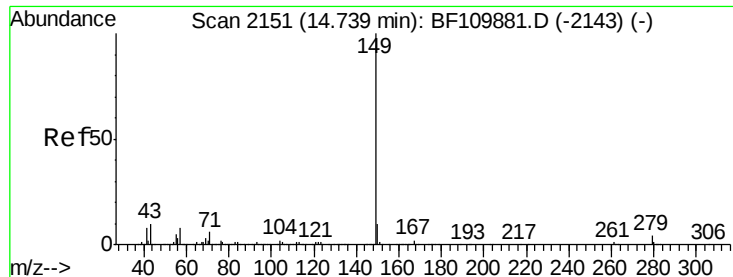
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#84
Bis(2-ethylhexyl)phthalate
Concen: 44.915 ng
RT: 14.11 min Scan# 2044
Delta R.T. -0.02 min
Lab File: BF110041.D
Acq: 22 Oct 2018 11:32

Tgt Ion:149 Resp: 860965
Ion Ratio Lower Upper
149 100
167 27.0 19.8 29.8
279 3.6 2.7 4.1





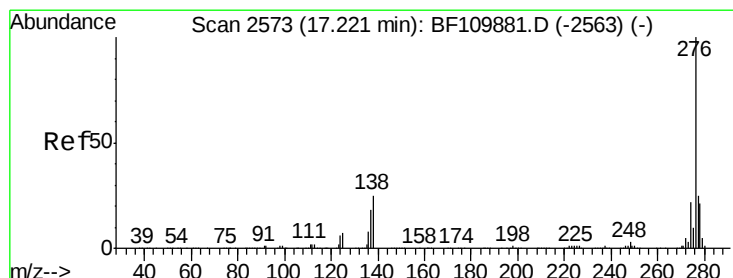
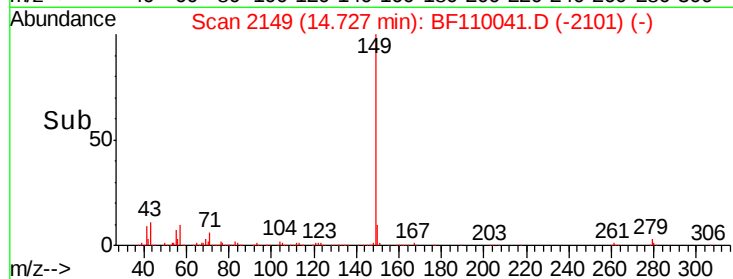
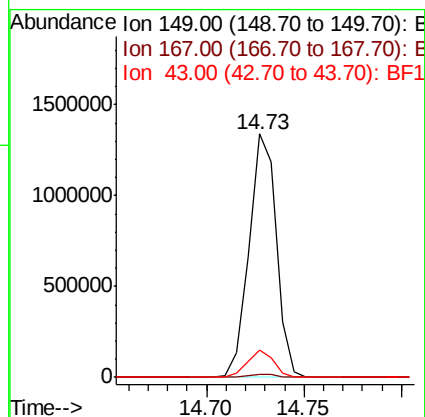
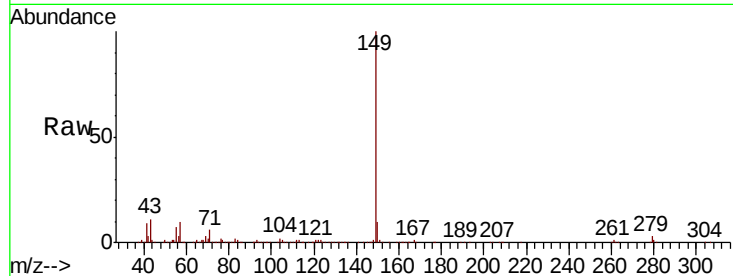
#85
Di-n-octyl phthalate
Concen: 47.975 ng
RT: 14.73 min Scan# 2149
Delta R.T. -0.02 min
Lab File: BF110041.D
Acq: 22 Oct 2018 11:32

Instrument :
BNA_F
ClientSampleId :
PB114001BS

Tot Ion	Ratio	Lower	Upper
149	100		
167	1.5	1.1	1.7
43	10.5	7.8	11.8

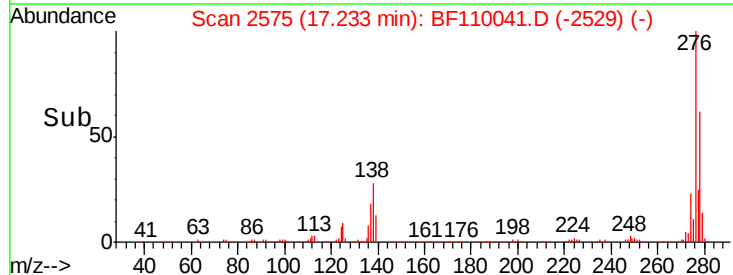
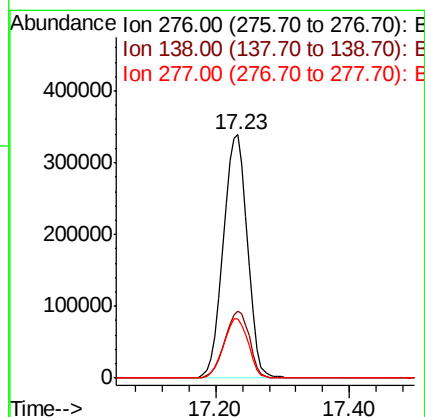
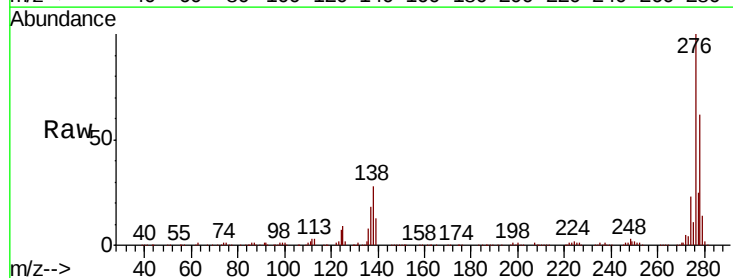
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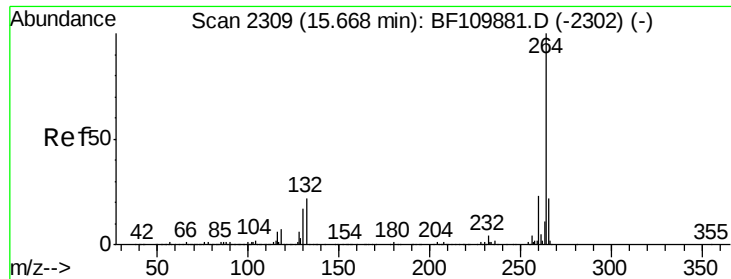
Sohil
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#86
Indeno(1,2,3-cd)pyrene
Concen: 39.272 ng
RT: 17.23 min Scan# 2575
Delta R.T. -0.03 min
Lab File: BF110041.D
Acq: 22 Oct 2018 11:32

Tgt Ion	Ratio	Lower	Upper
276	100		
138	28.2	18.5	27.7#
277	25.1	20.0	30.0





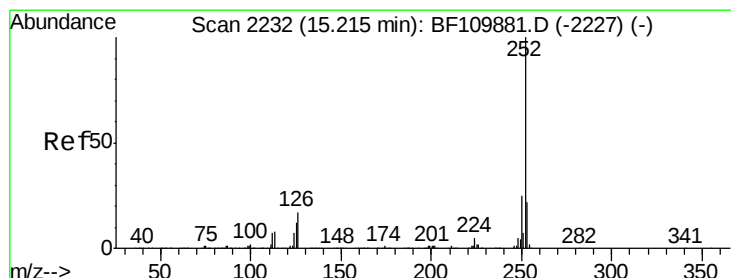
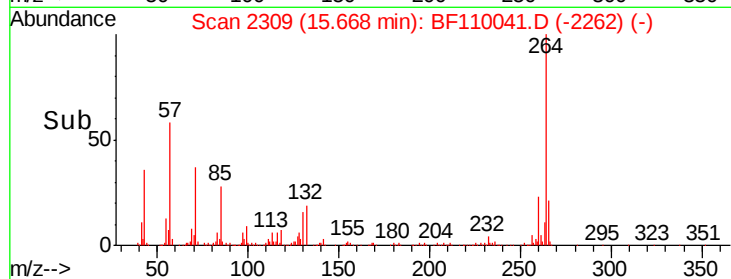
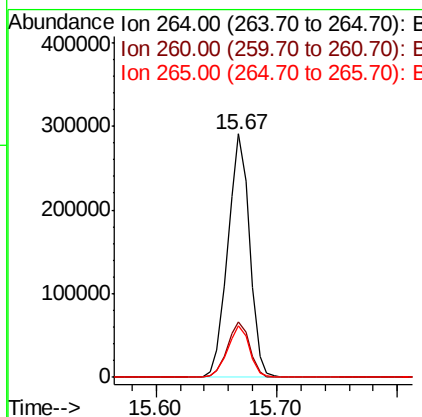
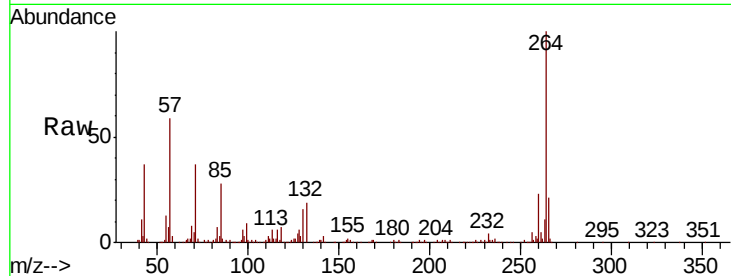
#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.67 min Scan# 2309
Delta R.T. -0.02 min
Lab File: BF110041.D
Acq: 22 Oct 2018 11:32

Instrument :
BNA_F
ClientSampleId :
PB114001BS

Tot Ion	Ratio	Lower	Upper
264	100		
260	22.8	18.7	28.1
265	21.4	16.7	25.1

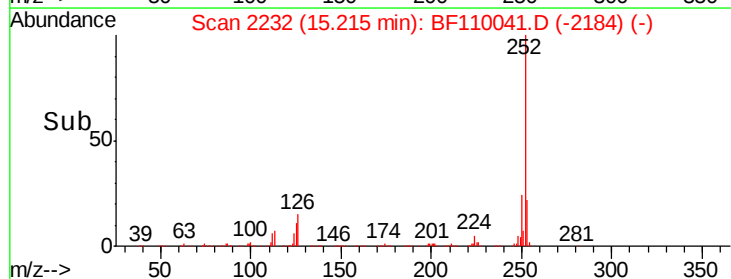
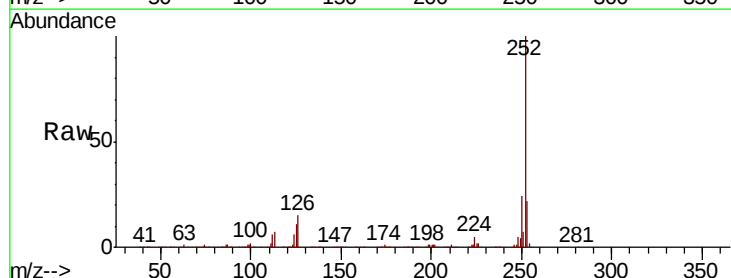
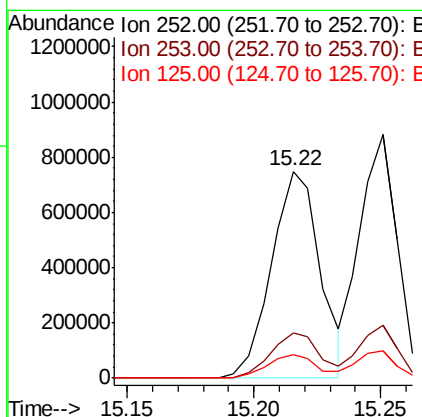
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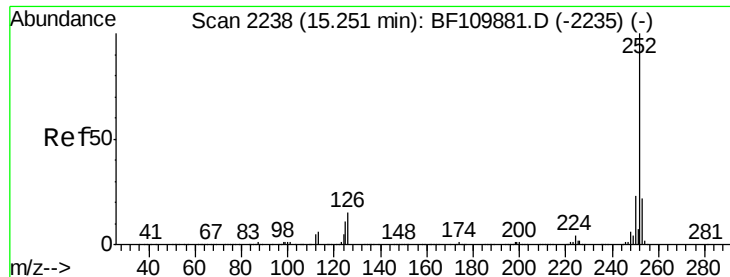
Sohil
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#88
Benzo(b)fluoranthene
Concen: 47.603 ng
RT: 15.22 min Scan# 2232
Delta R.T. -0.02 min
Lab File: BF110041.D
Acq: 22 Oct 2018 11:32

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.1	17.2	25.8
125	11.2	8.2	12.4





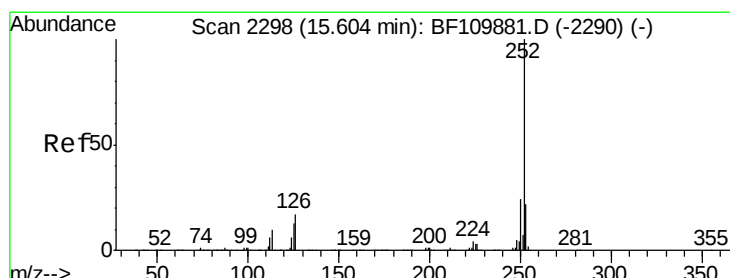
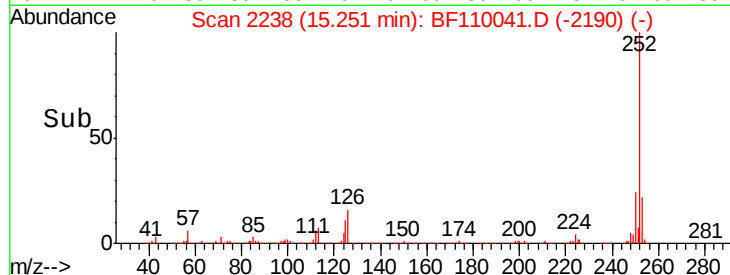
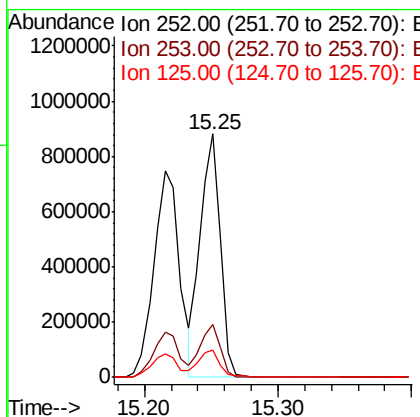
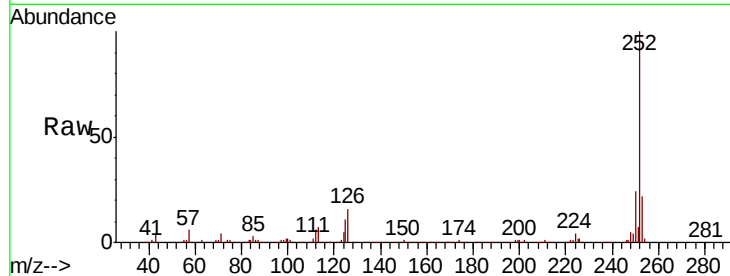
#89
Benzo(k)fluoranthene
Concen: 43.815 ng
RT: 15.25 min Scan# 2238
Delta R.T. -0.02 min
Lab File: BF110041.D
Acq: 22 Oct 2018 11:32

Instrument :
BNA_F
ClientSampleId :
PB114001BS

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

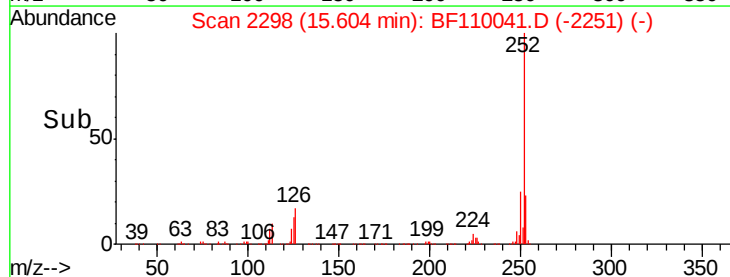
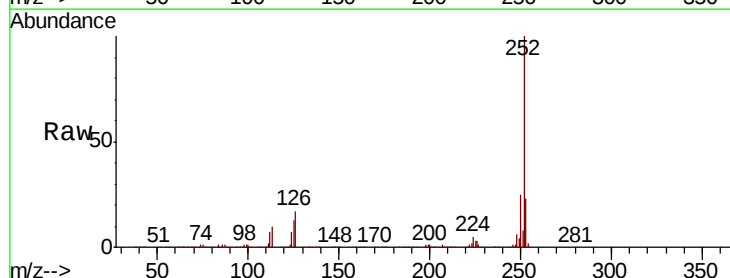
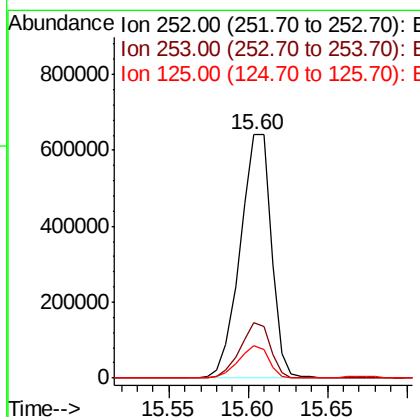
Manual Integrations
APPROVED

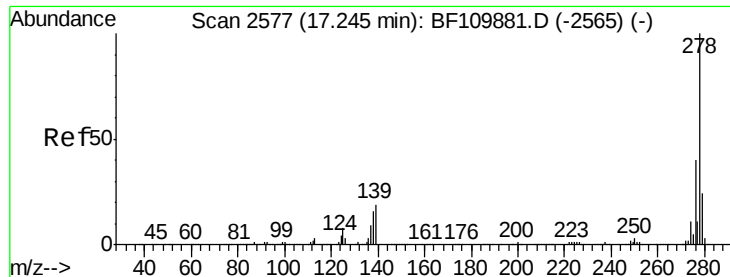
Sohil
10/23/2018 2:18:32 PM



#90
Benzo(a)pyrene
Concen: 45.383 ng
RT: 15.60 min Scan# 2298
Delta R.T. -0.02 min
Lab File: BF110041.D
Acq: 22 Oct 2018 11:32

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.6	18.2	27.4
125	13.3	9.0	13.6





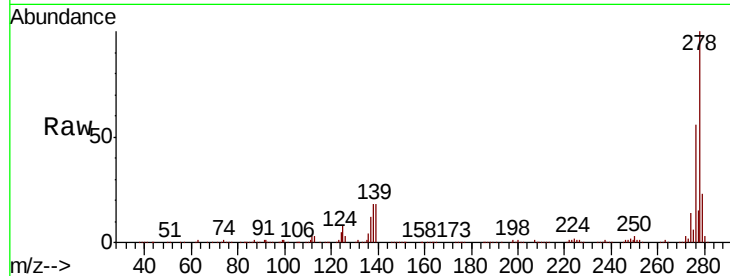
#91
Dibenzo(a,h)anthracene
Concen: 42.066 ng
RT: 17.24 min Scan# 2577
Delta R.T. -0.04 min
Lab File: BF110041.D
Acq: 22 Oct 2018 11:32

Instrument :
BNA_F
ClientSampleId :
PB114001BS

Tot Ion	Ratio	Lower	Upper
278	100		
139	18.1	12.7	19.1
279	23.0	19.0	28.4

Manual Integrations
APPROVED

Sohil
10/23/2018 2:18:32 PM

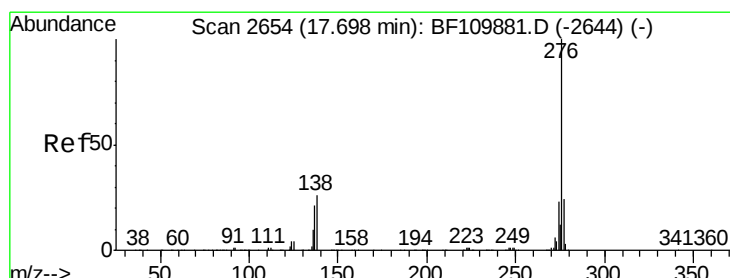
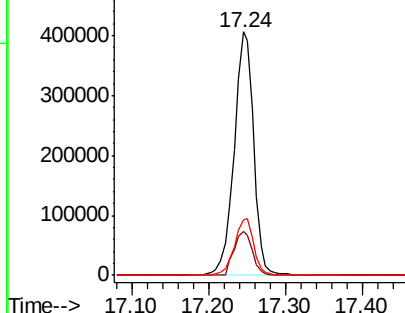
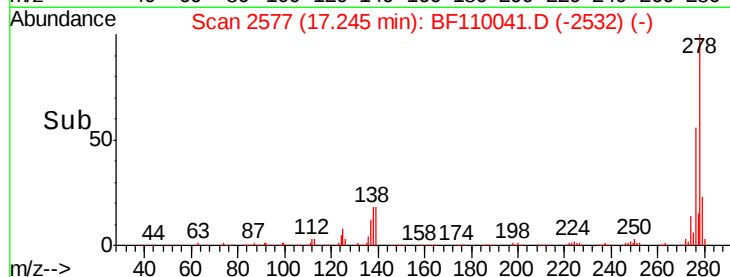


Abundance

Ion 278.00 (277.70 to 278.70): E

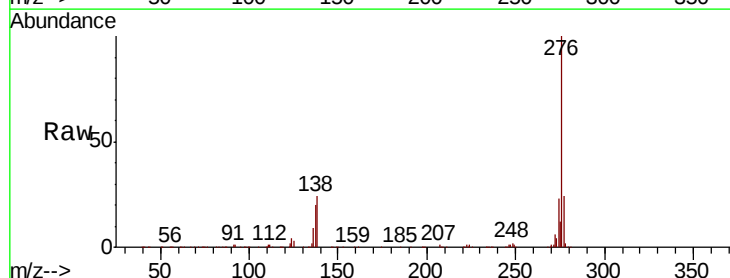
Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#92
Benzo(g,h,i)perylene
Concen: 41.175 ng
RT: 17.71 min Scan# 2656
Delta R.T. -0.03 min
Lab File: BF110041.D
Acq: 22 Oct 2018 11:32

Tgt Ion	Ratio	Lower	Upper
276	100		
277	24.4	18.8	28.2
138	24.0	16.0	24.0



Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

