

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF100918\
 Data File : BF109694.D
 Acq On : 9 Oct 2018 14:50
 Operator : JU/SJ
 Sample : PB113600BS
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB113600BS

Manual Integrations
 APPROVED

Sohil
 10/10/2018 11:37:00 AM

Quant Time: Oct 09 15:44:46 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF100818.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Oct 08 16:02:11 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.70	152	87416	20.00	ng	0.00
21) Naphthalene-d8	7.98	136	380019	20.00	ng	0.00
38) Acenaphthene-d10	9.73	164	187744	20.00	ng	0.00
63) Phenanthrene-d10	11.20	188	365660	20.00	ng	0.00
75) Chrysene-d12	13.84	240	272825	20.00	ng	0.00
86) Perylene-d12	15.23	264	223433	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.33	112	670668	136.18	ng	0.01
7) Phenol-d6	6.36	99	857972	130.41	ng	0.00
23) Nitrobenzene-d5	7.26	82	578405	83.90	ng	0.00
41) 2,4,6-Tribromophenol	10.52	330	253542	123.94	ng	0.00
44) 2-Fluorobiphenyl	9.06	172	1135340	83.29	ng	0.00
78) Terphenyl-d14	12.79	244	1101086	78.13	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.49	88	89476	34.618	ng	98
3) Pyridine	3.22	79	184378	34.577	ng	99
4) n-Nitrosodimethylamine	3.15	42	87421	45.421	ng	96
6) Aniline	6.37	93	261901	34.174	ng	# 74
8) 2-Chlorophenol	6.49	128	265497	43.835	ng	95
9) Benzaldehyde	6.25	77	72783	17.192	ng	98
10) Phenol	6.37	94	305328	40.473	ng	83
11) bis(2-Chloroethyl)ether	6.44	93	279452	44.682	ng	99
12) 1,3-Dichlorobenzene	6.64	146	280832	40.539	ng	98
13) 1,4-Dichlorobenzene	6.72	146	308328	40.831	ng	98
14) 1,2-Dichlorobenzene	6.87	146	275516	41.545	ng	99
15) Benzyl Alcohol	6.85	79	207073	42.457	ng	99
16) 2,2'-oxybis(1-Chloropropan	6.97	45	336845	40.618	ng	92
17) 2-Methylphenol	6.97	107	209191	43.676	ng	94
18) Hexachloroethane	7.20	117	109192	40.909	ng	95
19) n-Nitroso-di-n-propylamine	7.12	70	187063	40.546	ng	99
20) 3+4-Methylphenols	7.12	107	252868	42.845	ng	# 89
22) Acetophenone	7.11	105	380380	41.392	ng	100
24) Nitrobenzene	7.28	77	281023	39.175	ng	99
25) Isophorone	7.52	82	515699	45.048	ng	99
26) 2-Nitrophenol	7.60	139	142874	42.580	ng	96
27) 2,4-Dimethylphenol	7.65	122	228414	47.140	ng	99
28) bis(2-Chloroethoxy)methane	7.73	93	325135	41.989	ng	99
29) 2,4-Dichlorophenol	7.85	162	231680	42.628	ng	99
30) 1,2,4-Trichlorobenzene	7.92	180	239022	39.728	ng	100
31) Naphthalene	8.00	128	812869	46.252	ng	100
32) Benzoic acid	7.80	122	118603	34.236	ng	96
33) 4-Chloroaniline	8.06	127	212723	27.486	ng	98
34) Hexachlorobutadiene	8.12	225	145066	38.779	ng	98
35) Caprolactam	8.43	113	66014m	40.671	ng	
36) 4-Chloro-3-methylphenol	8.55	107	246998	43.053	ng	97
37) 2-Methylnaphthalene	8.69	142	524752	45.582	ng	99
39) 1,2,4,5-Tetrachlorobenzene	8.86	216	243542	38.108	ng	98
40) Hexachlorocyclopentadiene	8.85	237	241636	85.778	ng	99

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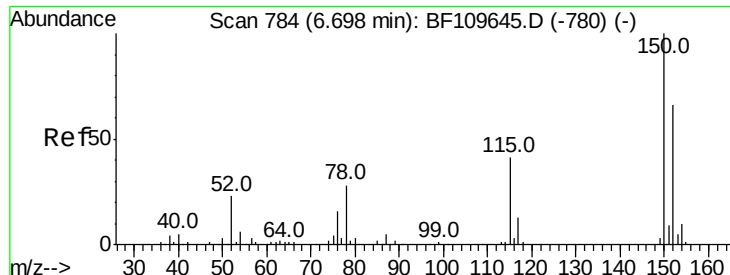
Manual Integrations
 APPROVED

Sohil
 10/10/2018 11:37:00 AM

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 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF100818.M
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	8.97	196	152746	39.981	nq	98
43) 2,4,5-Trichlorophenol	9.02	196	173703	39.544	nq	99
45) 1,1'-Biphenyl	9.15	154	631404	37.646	nq	99
46) 2-Chloronaphthalene	9.18	162	488322	38.862	nq	99
47) 2-Nitroaniline	9.28	65	155500	40.870	nq	96
48) Acenaphthylene	9.59	152	789566	43.101	nq	100
49) Dimethylphthalate	9.46	163	571937	41.537	nq	100
50) 2,6-Dinitrotoluene	9.52	165	124791	41.810	nq	94
51) Acenaphthene	9.76	154	443637	40.853	nq	99
52) 3-Nitroaniline	9.69	138	95642	28.586	nq	97
53) 2,4-Dinitrophenol	9.80	184	91438	94.954	nq	97
54) Dibenzofuran	9.93	168	656167	40.310	nq	98
55) 4-Nitrophenol	9.87	139	133715	73.014	nq	96
56) 2,4-Dinitrotoluene	9.93	165	154086	41.368	nq	96
57) Fluorene	10.27	166	525239	43.208	nq	99
58) 2,3,4,6-Tetrachlorophenol	10.06	232	148007	41.450	nq	97
59) Diethylphthalate	10.16	149	559412	41.004	nq	100
60) 4-Chlorophenyl-phenylether	10.27	204	250824	39.111	nq	98
61) 4-Nitroaniline	10.31	138	128412	41.444	nq	98
62) Azobenzene	10.43	77	581448	41.970	nq	100
64) 4,6-Dinitro-2-methylphenol	10.34	198	65574	36.844	nq	96
65) n-Nitrosodiphenylamine	10.39	169	483847	39.033	nq	99
66) 4-Bromophenyl-phenylether	10.76	248	163437	38.900	nq	98
67) Hexachlorobenzene	10.82	284	173431	38.120	nq	# 89
68) Atrazine	10.92	200	156516	40.459	nq	99
69) Pentachlorophenol	11.02	266	169245	66.110	nq	98
70) Phenanthrene	11.23	178	774438	42.321	nq	99
71) Anthracene	11.29	178	837097	44.253	nq	99
72) Carbazole	11.44	167	724394	39.484	nq	100
73) Di-n-butylphthalate	11.77	149	863752	40.592	nq	99
74) Fluoranthene	12.41	202	827679	43.296	nq	100
76) Benzidine	12.54	184	407430	40.201	nq	96
77) Pyrene	12.64	202	822111	41.128	nq	99
79) Butylbenzylphthalate	13.26	149	358943	41.418	nq	97
80) Benzo(a)anthracene	13.83	228	647947	43.037	nq	99
81) 3,3'-Dichlorobenzidine	13.79	252	173483	28.617	nq	99
82) Chrysene	13.86	228	669222	42.318	nq	100
83) Bis(2-ethylhexyl)phthalate	13.82	149	439360	41.554	nq	97
84) Di-n-octyl phthalate	14.43	149	735305	43.998	nq	100
85) Indeno(1,2,3-cd)pyrene	16.59	276	488301	43.139	nq	99
87) Benzo(b)fluoranthene	14.84	252	526884	42.672	nq	99
88) Benzo(k)fluoranthene	14.87	252	557119	44.907	nq	98
89) Benzo(a)pyrene	15.17	252	500237	44.645	nq	99
90) Dibenzo(a,h)anthracene	16.59	278	396658	43.104	nq	99
91) Benzo(g,h,i)perylene	16.99	276	407794	44.377	nq	99

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



#1

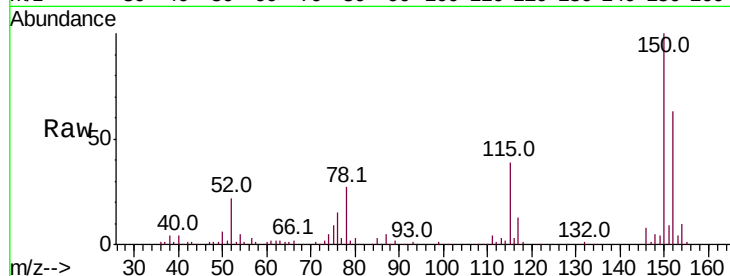
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.70 min Scan# 784
Delta R.T. -0.00 min
Lab File: BF109694.D
Acq: 9 Oct 2018 14:50

Instrument :
BNA_F
ClientSampleId :
PB113600BS

Tot Ion	Ratio	Lower	Upper
152	100		
150	157.9	122.7	184.1
115	60.8	49.1	73.7

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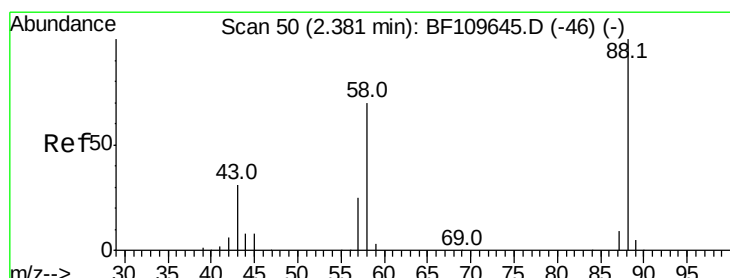
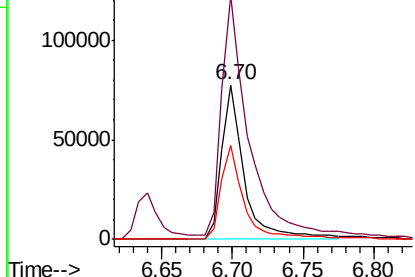
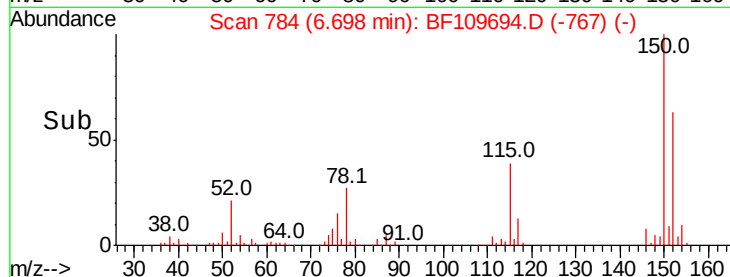


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

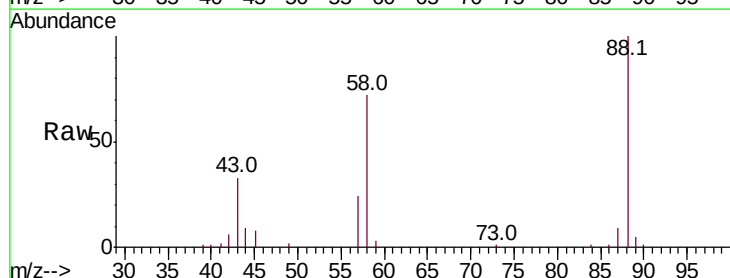
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 34.618 ng
RT: 2.49 min Scan# 69
Delta R.T. 0.11 min
Lab File: BF109694.D
Acq: 9 Oct 2018 14:50

Tgt Ion	Ratio	Lower	Upper
88	100		
58	69.7	57.1	85.7
43	29.3	24.1	36.1

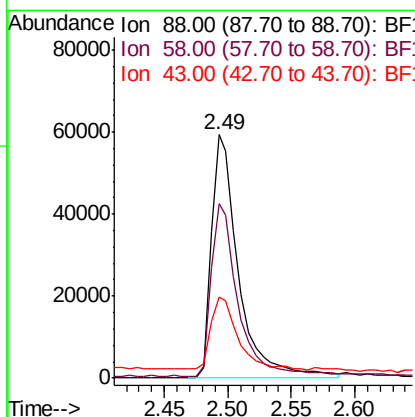
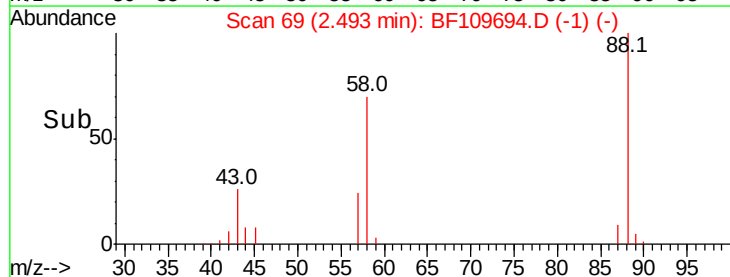


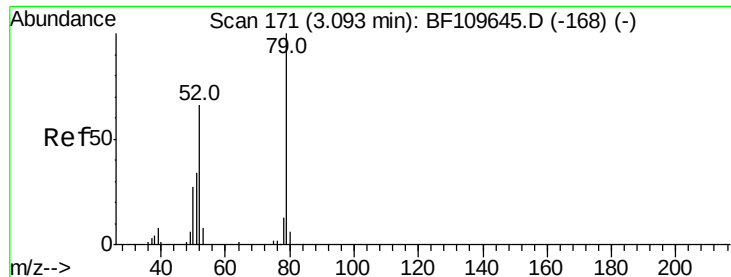
Abundance

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: 34.577 ng

RT: 3.22 min Scan# 192

Delta R.T. 0.12 min

Lab File: BF109694.D

Acq: 9 Oct 2018 14:50

Instrument :

BNA_F

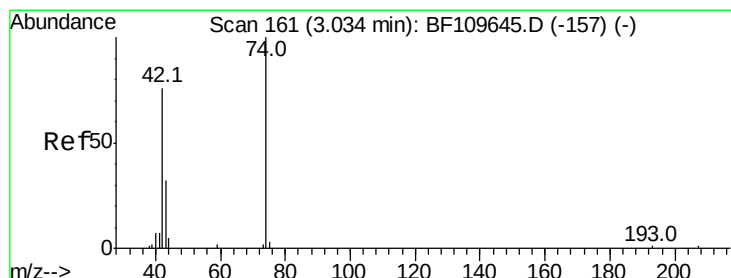
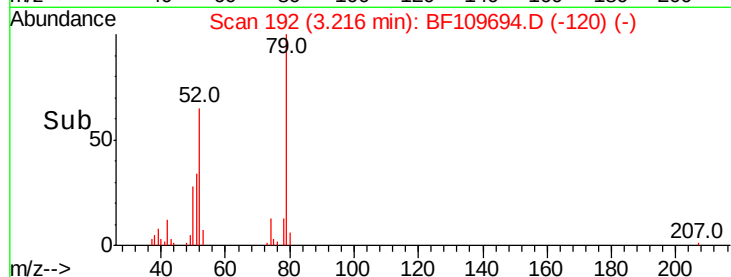
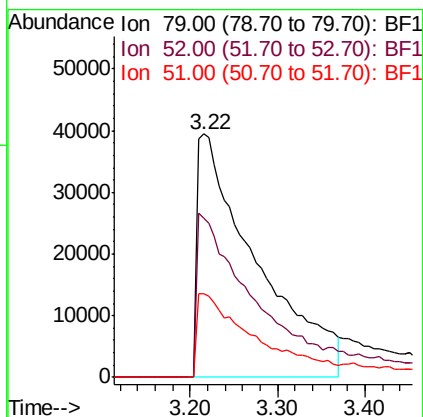
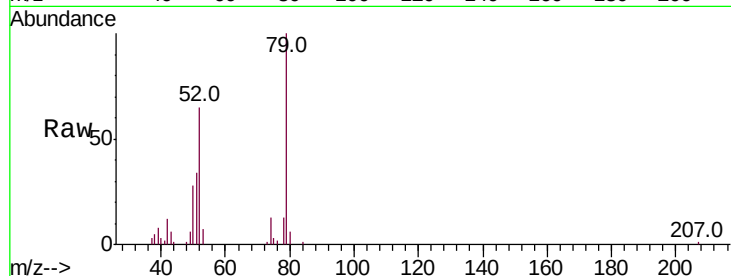
ClientSampleId :

PB113600BS

Tot Ion:	79	Resp:	184378
Ion Ratio	Lower	Upper	
79	100		
52	65.2	53.1	79.7
51	34.1	27.4	41.2

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#4

n-Nitrosodimethylamine

Concen: 45.421 ng

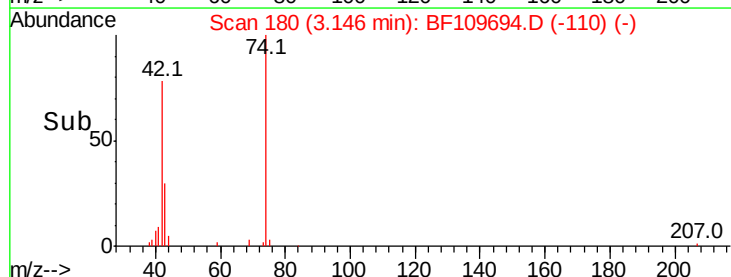
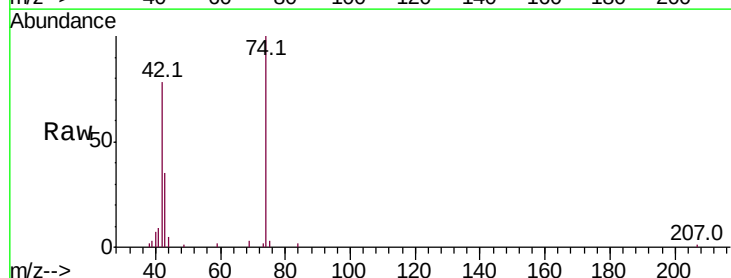
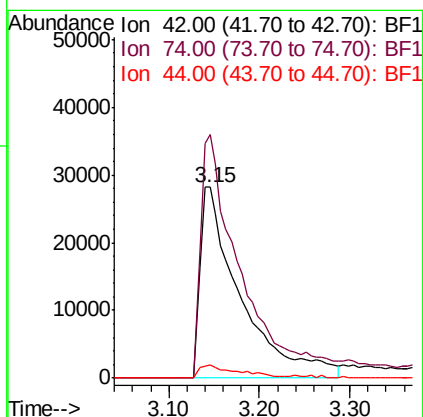
RT: 3.15 min Scan# 180

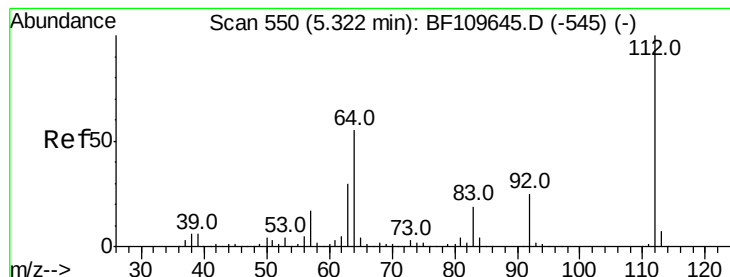
Delta R.T. 0.11 min

Lab File: BF109694.D

Acq: 9 Oct 2018 14:50

Tgt Ion:	42	Resp:	87421
Ion Ratio	Lower	Upper	
42	100		
74	127.6	105.5	158.3
44	6.8	4.9	7.3





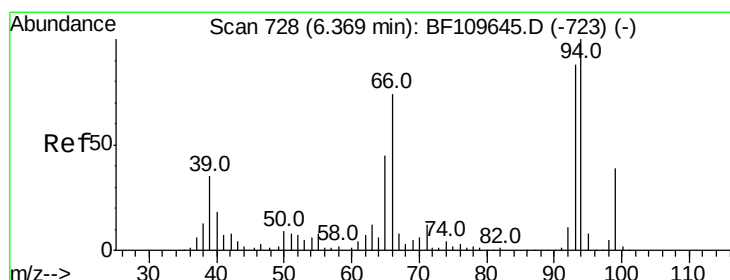
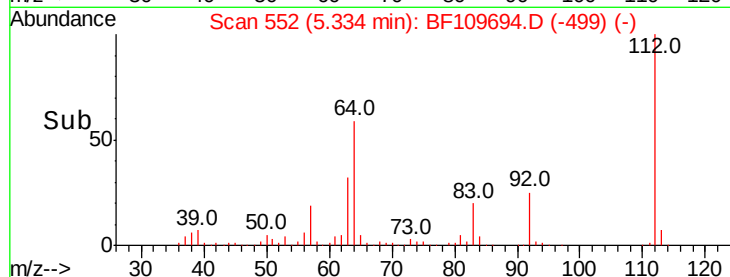
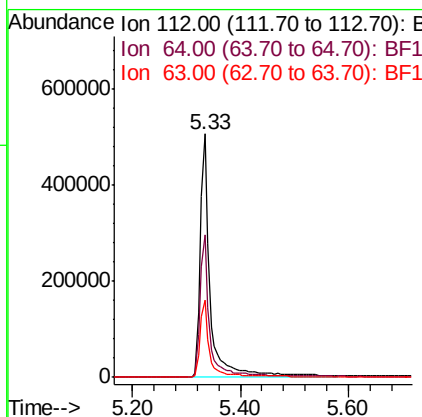
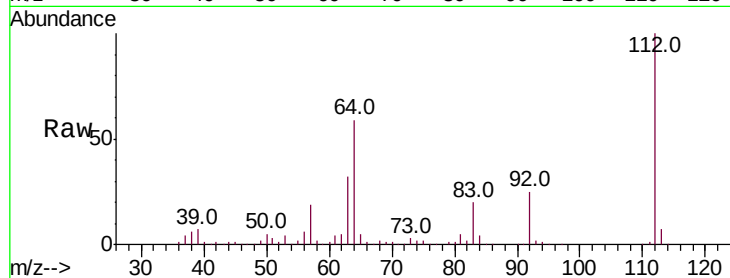
#5
2-Fluorophenol
Concen: 136.183 ng
RT: 5.33 min Scan# 552
Delta R.T. 0.01 min
Lab File: BF109694.D
Acq: 9 Oct 2018 14:50

Instrument :
BNA_F
ClientSampleId :
PB113600BS

Tot Ion	Ratio	Resp Lower	Upper
112	100		
64	58.6	44.1	66.1
63	31.8	23.7	35.5

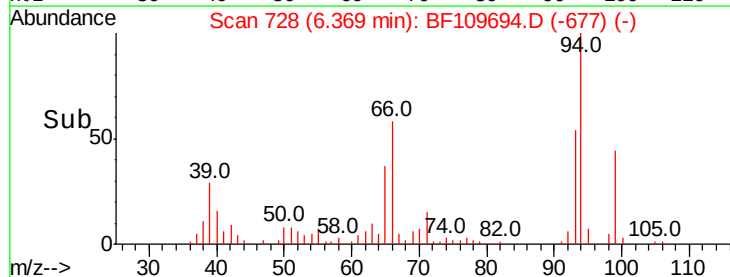
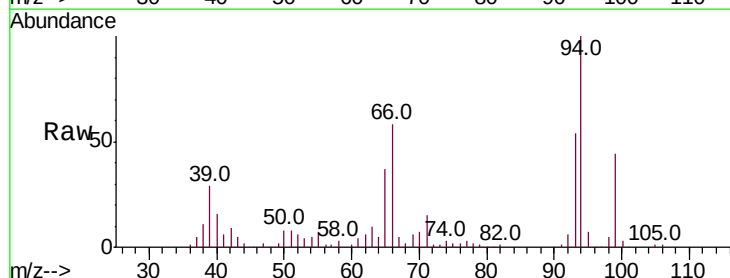
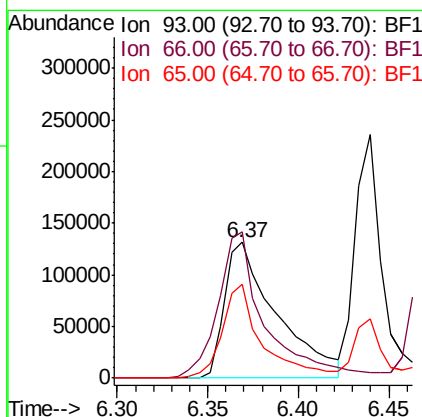
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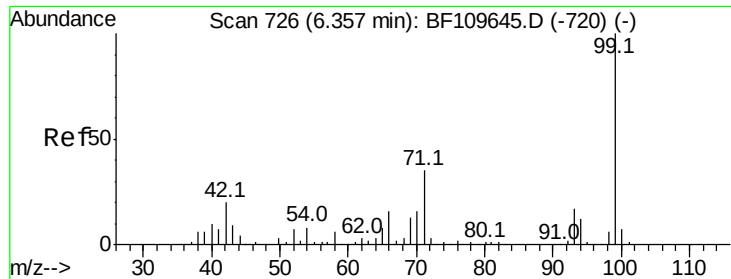
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#6
Aniline
Concen: 34.174 ng
RT: 6.37 min Scan# 728
Delta R.T. -0.00 min
Lab File: BF109694.D
Acq: 9 Oct 2018 14:50

Tgt Ion	Ratio	Resp Lower	Upper
93	100		
66	107.6	67.4	101.0#
65	68.9	41.0	61.4#





#7

Phenol-d6

Concen: 130.412 ng

RT: 6.36 min Scan# 726

Delta R.T. -0.00 min

Lab File: BF109694.D

Acq: 9 Oct 2018 14:50

Instrument :

BNA_F

ClientSampleId :

PB113600BS

Tot Ion: 99 Resp: 857972

Ion Ratio Lower Upper

99 100

42 19.7 15.8 23.6

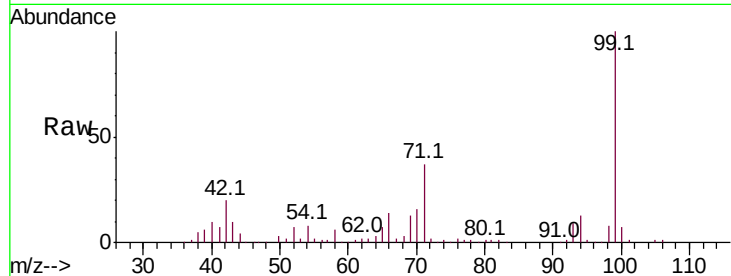
71 36.7 28.0 42.0

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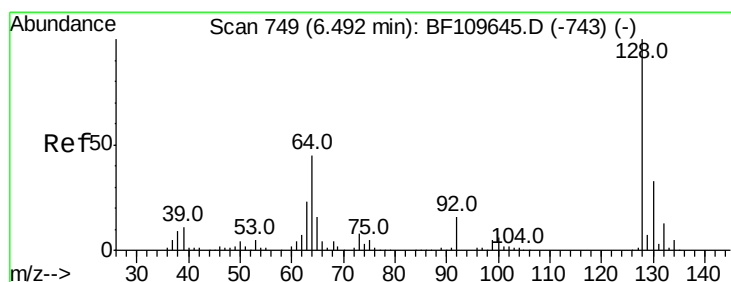
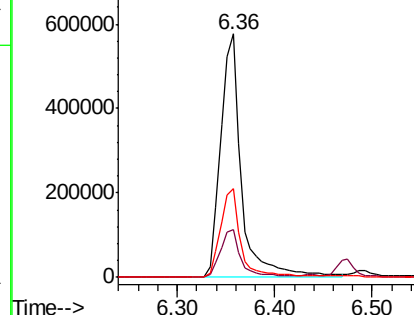
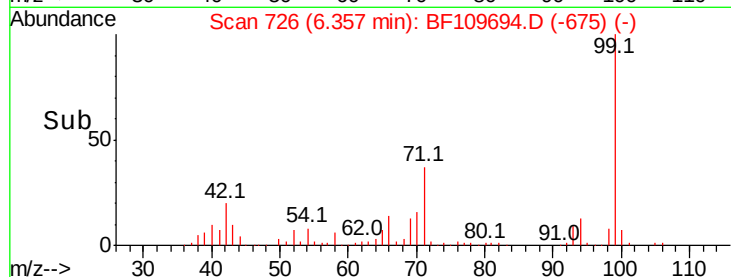
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Abundance Ion 99.00 (98.70 to 99.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 71.00 (70.70 to 71.70): BF1



#8

2-Chlorophenol

Concen: 43.835 ng

RT: 6.49 min Scan# 748

Delta R.T. -0.01 min

Lab File: BF109694.D

Acq: 9 Oct 2018 14:50

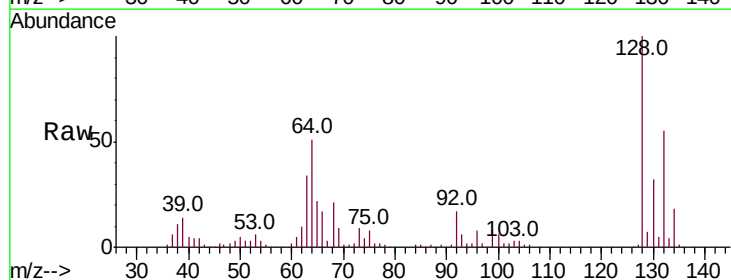
Tgt Ion:128 Resp: 265497

Ion Ratio Lower Upper

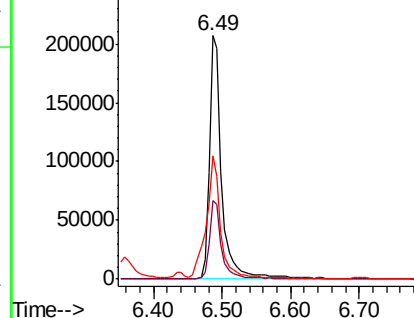
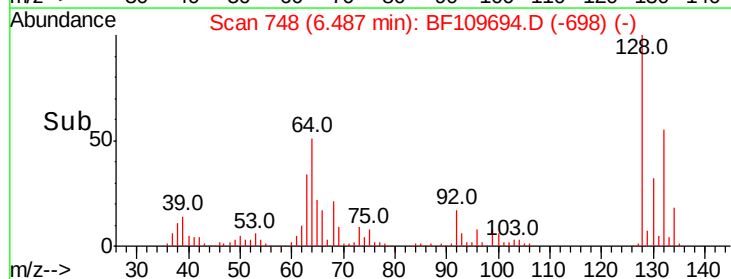
128 100

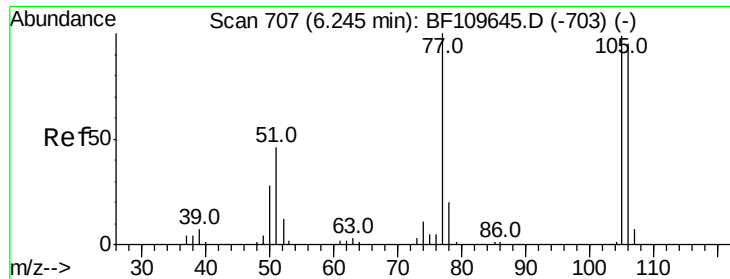
130 32.4 13.1 53.1

64 50.7 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





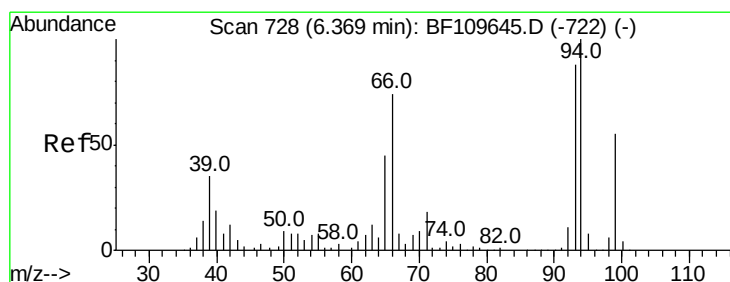
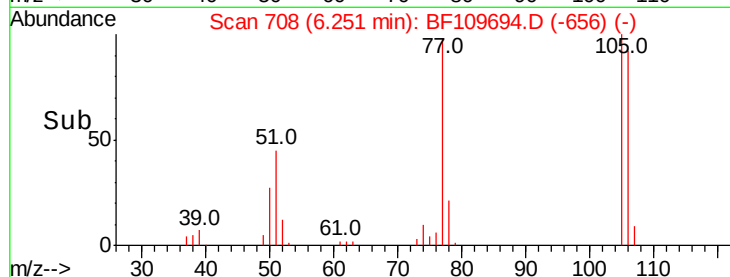
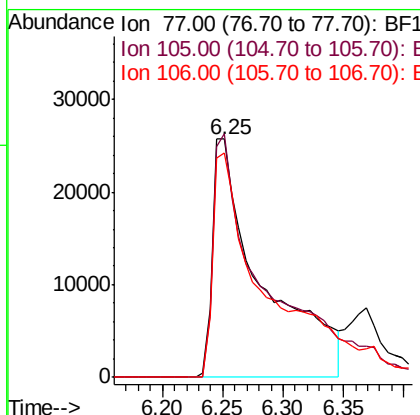
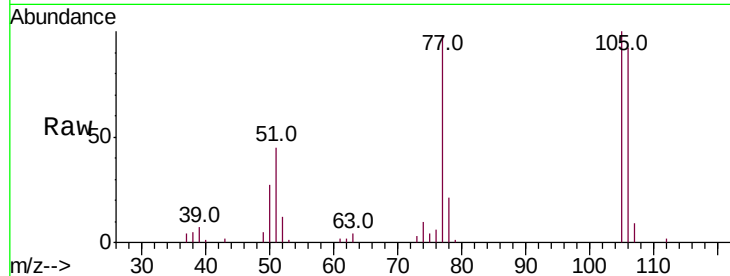
#9
Benzaldehyde
Concen: 17.192 ng
RT: 6.25 min Scan# 708
Delta R.T. 0.01 min
Lab File: BF109694.D
Acq: 9 Oct 2018 14:50

Instrument :
BNA_F
ClientSampleId :
PB113600BS

Tot Ion: 77 Resp: 72783
Ion Ratio Lower Upper
77 100
105 102.3 78.6 118.6
106 94.1 74.8 114.8

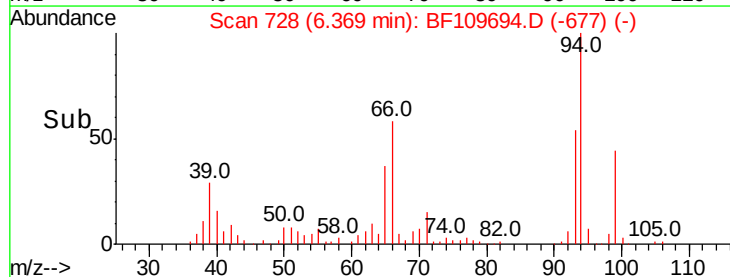
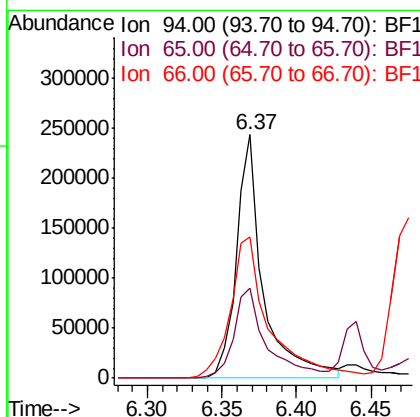
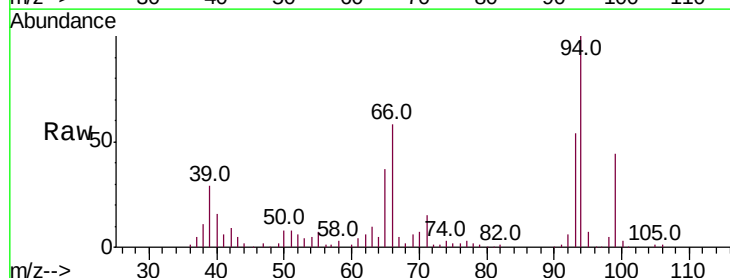
Manual Integrations
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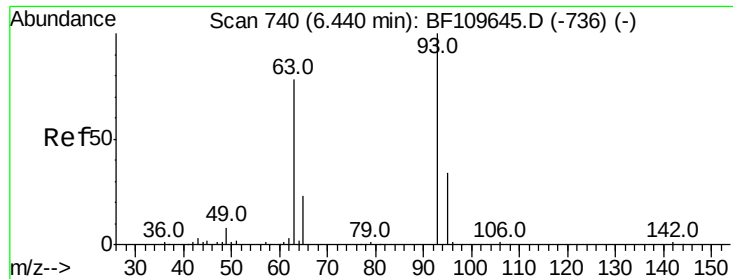
Sohil
10/10/2018 11:37:00 AM



#10
Phenol
Concen: 40.473 ng
RT: 6.37 min Scan# 728
Delta R.T. -0.00 min
Lab File: BF109694.D
Acq: 9 Oct 2018 14:50

Tgt Ion: 94 Resp: 305328
Ion Ratio Lower Upper
94 100
65 37.1 25.3 65.3
66 57.9 54.5 94.5





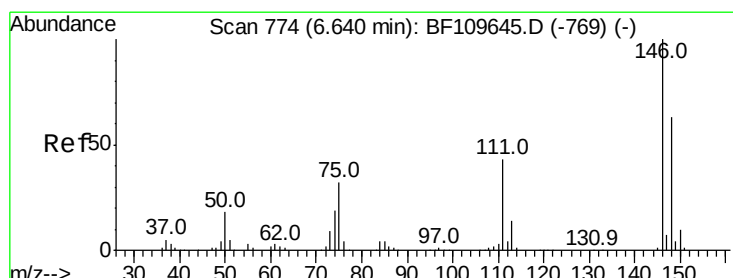
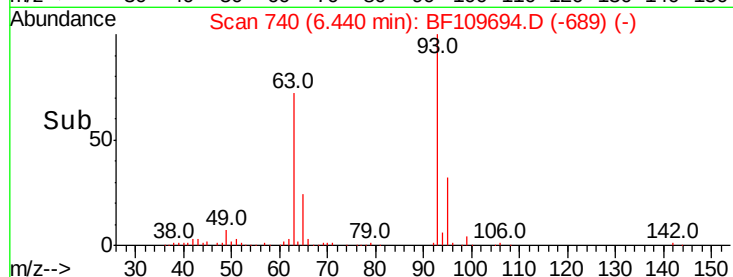
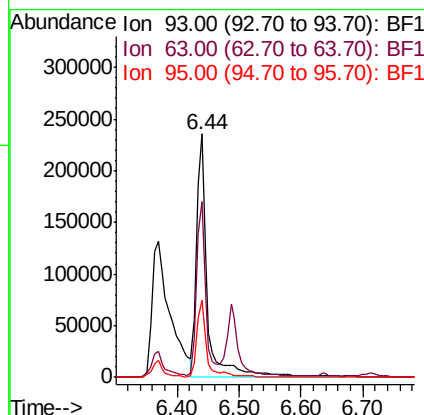
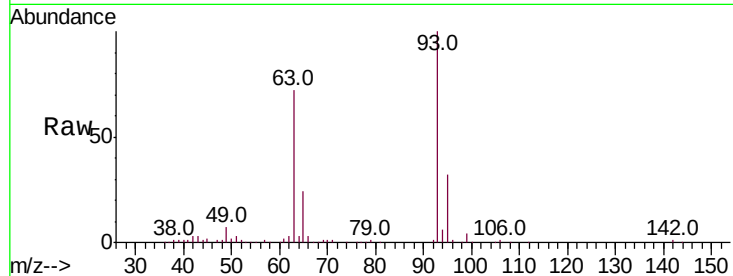
#11
bis(2-Chloroethyl)ether
Concen: 44.682 ng
RT: 6.44 min Scan# 740
Delta R.T. -0.00 min
Lab File: BF109694.D
Acq: 9 Oct 2018 14:50

Instrument :
BNA_F
ClientSampleId :
PB113600BS

Tot Ion	Ratio	Lower	Upper
93	100		
63	72.3	53.4	93.4
95	32.0	12.1	52.1

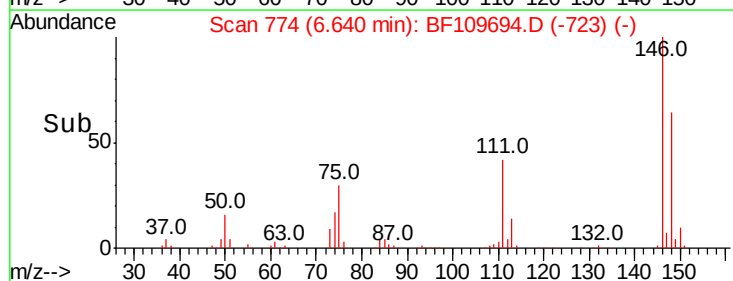
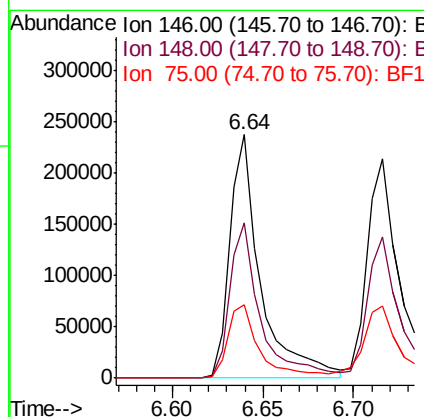
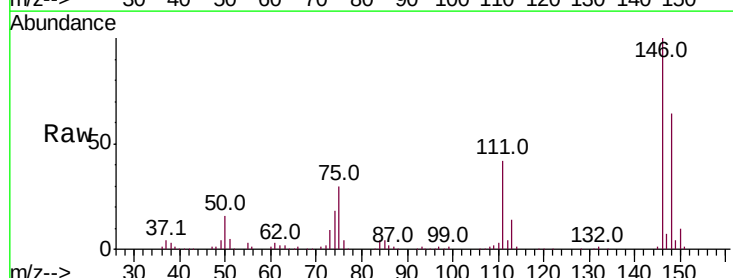
Manual Integrations
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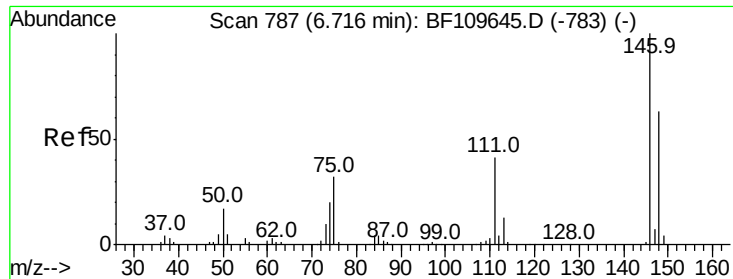
Sohil
10/10/2018 11:37:00 AM



#12
1,3-Dichlorobenzene
Concen: 40.539 ng
RT: 6.64 min Scan# 774
Delta R.T. -0.00 min
Lab File: BF109694.D
Acq: 9 Oct 2018 14:50

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.6	50.4	75.6
75	30.4	25.8	38.6





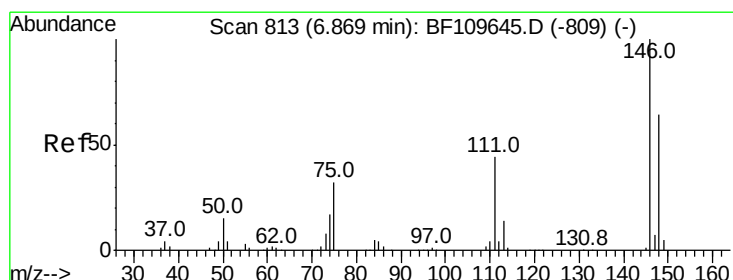
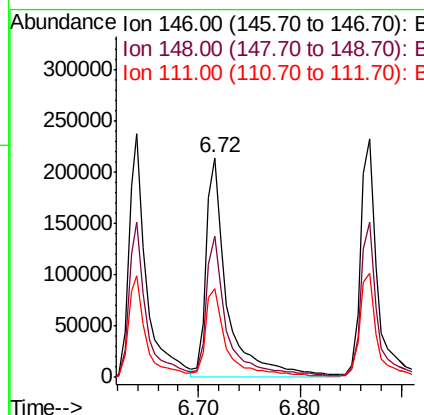
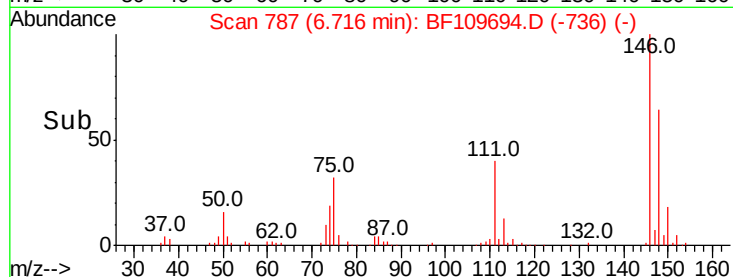
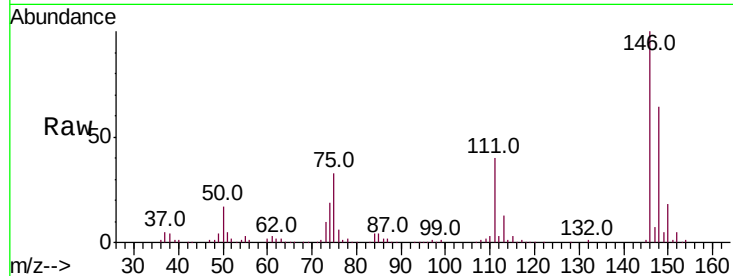
#13
1,4-Dichlorobenzene
Concen: 40.831 ng
RT: 6.72 min Scan# 787
Delta R.T. -0.00 min
Lab File: BF109694.D
Acq: 9 Oct 2018 14:50

Instrument :
BNA_F
ClientSampleId :
PB113600BS

Tot Ion	Ratio	Lower	Upper
146	100		
148	64.4	50.3	75.5
111	40.2	32.7	49.1

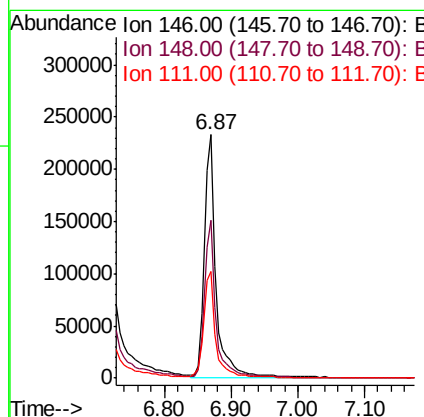
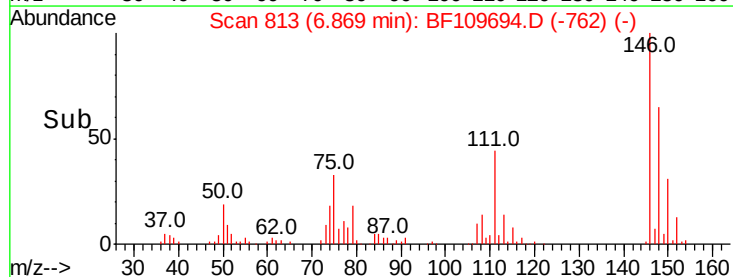
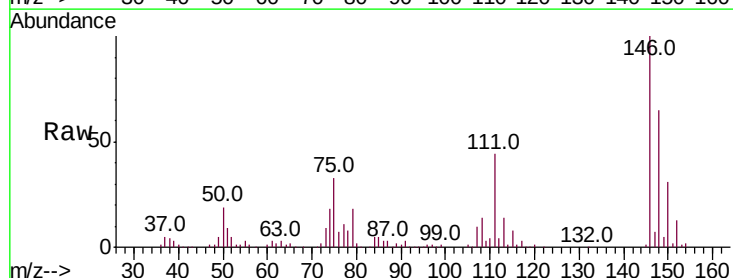
Manual Integrations
APPROVED

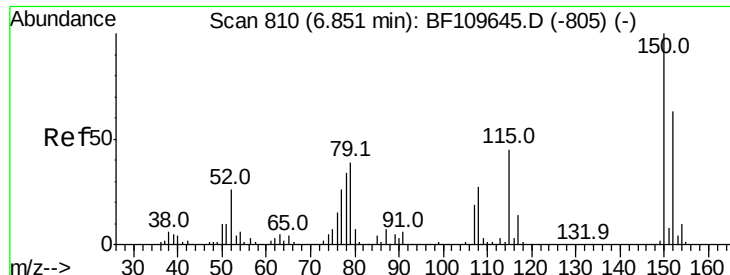
Sohil
10/10/2018 11:37:00 AM



#14
1,2-Dichlorobenzene
Concen: 41.545 ng
RT: 6.87 min Scan# 813
Delta R.T. -0.00 min
Lab File: BF109694.D
Acq: 9 Oct 2018 14:50

Tgt Ion	Ratio	Lower	Upper
146	100		
148	65.0	51.1	76.7
111	43.8	35.8	53.6





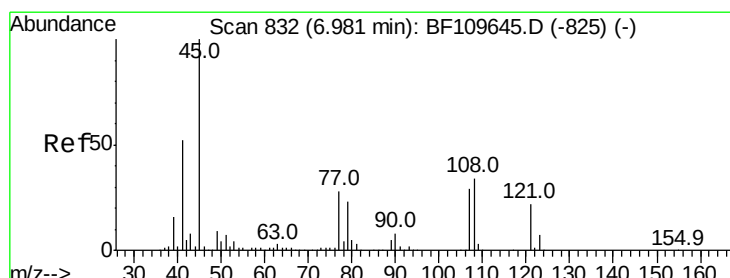
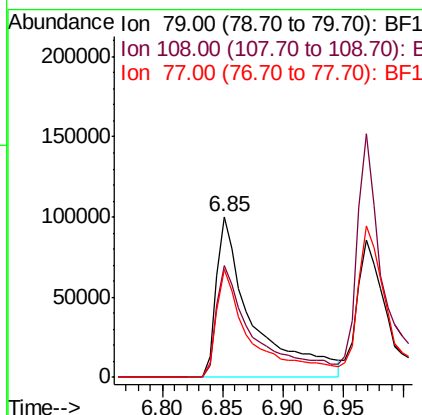
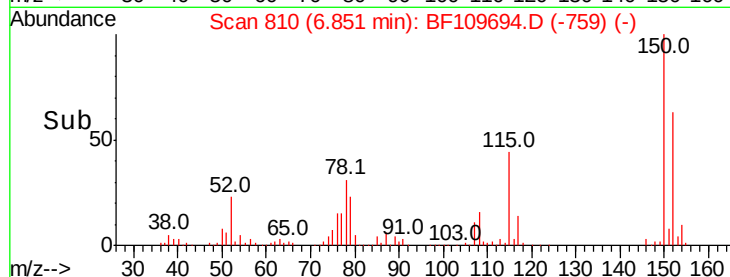
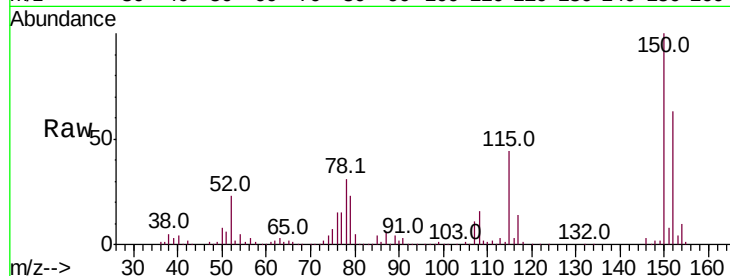
#15
Benzyl Alcohol
Concen: 42.457 ng
RT: 6.85 min Scan# 810
Delta R.T. -0.00 min
Lab File: BF109694.D
Acq: 9 Oct 2018 14:50

Instrument :
BNA_F
ClientSampled :
PB113600BS

Tot Ion	Ratio	Lower	Upper
79	100		
108	69.7	56.3	84.5
77	66.8	52.9	79.3

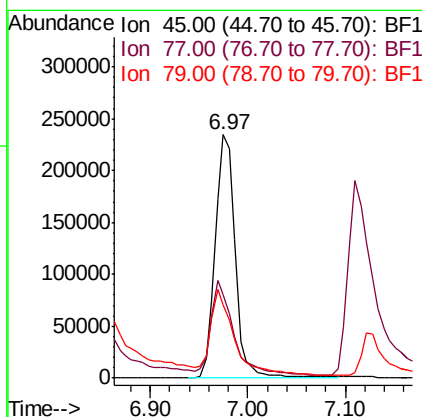
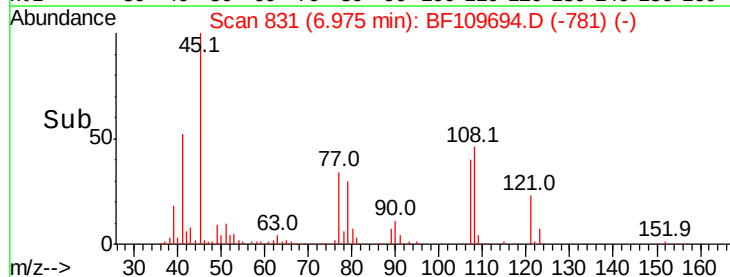
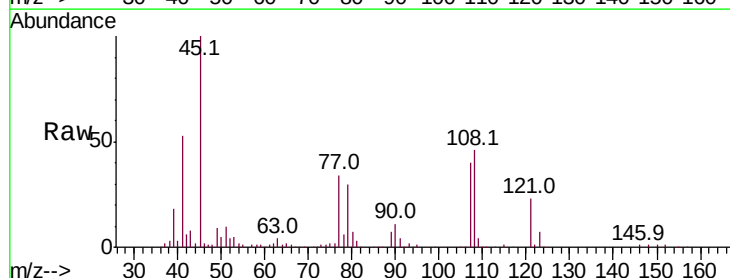
Manual Integrations
APPROVED

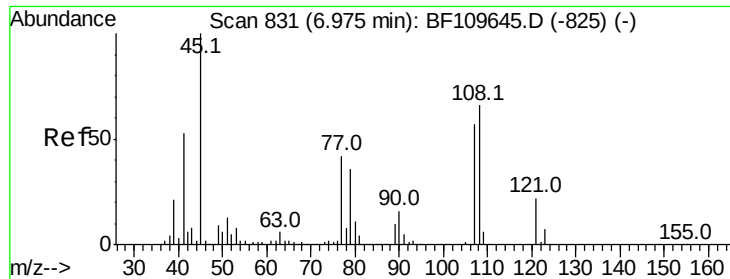
Sohil
10/10/2018 11:37:00 AM



#16
2,2'-oxybis(1-Chloropropane)
Concen: 40.618 ng
RT: 6.97 min Scan# 831
Delta R.T. -0.01 min
Lab File: BF109694.D
Acq: 9 Oct 2018 14:50

Tgt Ion	Ratio	Lower	Upper
45	100		
77	34.5	10.0	50.0
79	30.0	6.1	46.1





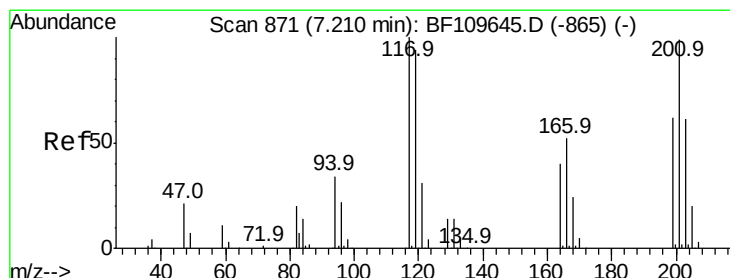
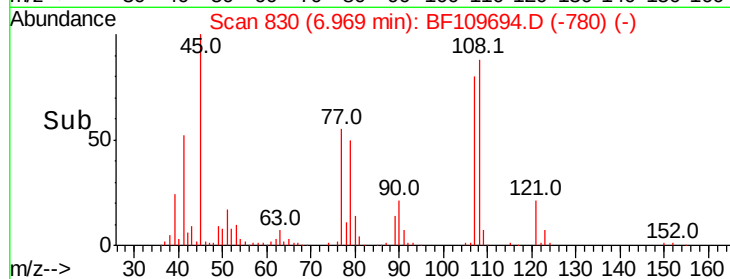
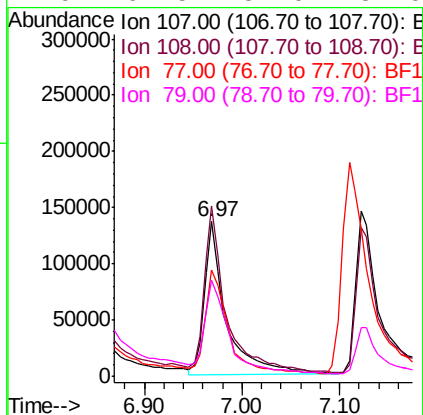
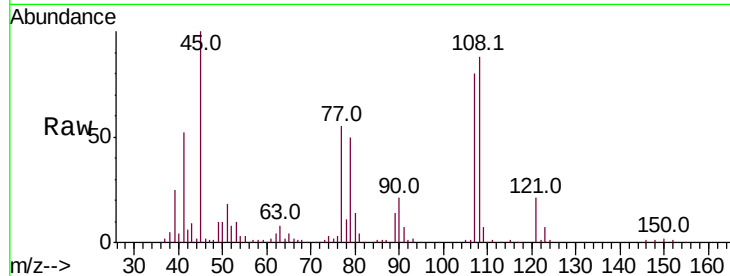
#17
2-Methylphenol
Concen: 43.676 ng
RT: 6.97 min Scan# 830
Delta R.T. -0.01 min
Lab File: BF109694.D
Acq: 9 Oct 2018 14:50

Instrument :
BNA_F
ClientSampled :
PB113600BS

Tot Ion:	107	Resp:	209191
Ion Ratio	Lower	Upper	
107	100		
108	110.6	92.6	138.8
77	69.0	59.4	89.2
79	62.5	54.0	81.0

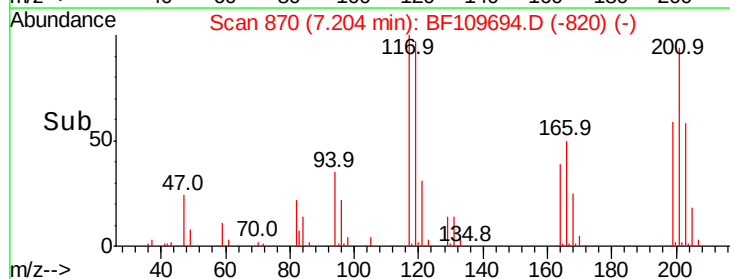
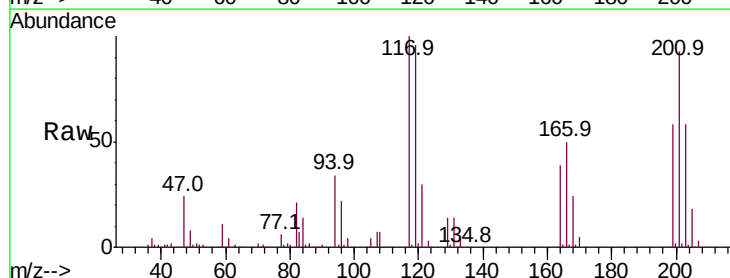
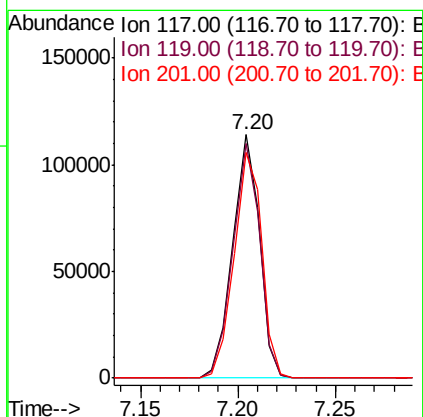
Manual Integrations
APPROVED

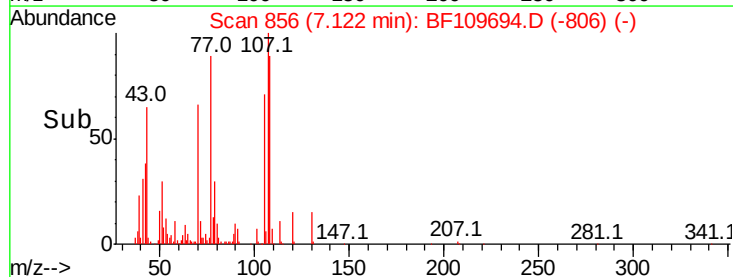
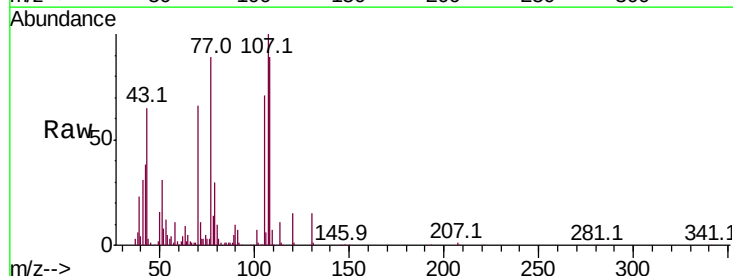
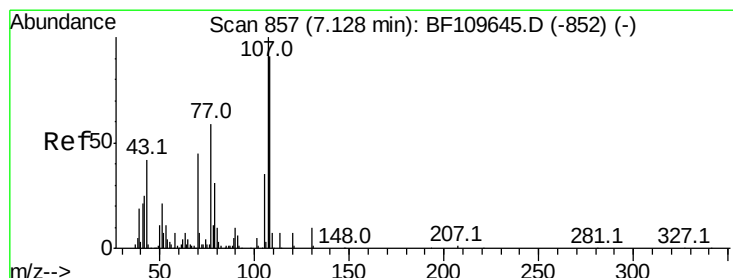
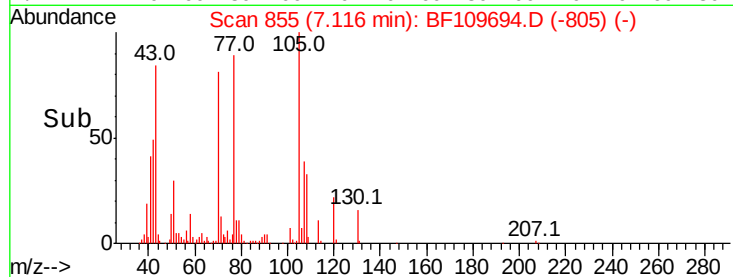
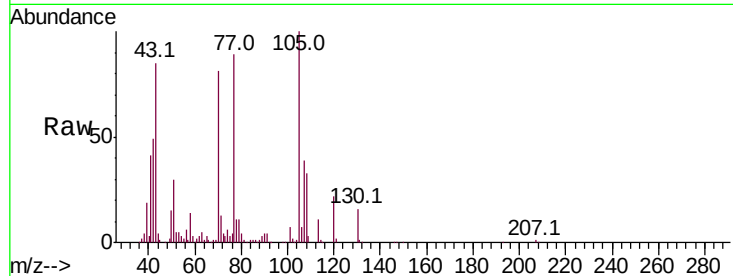
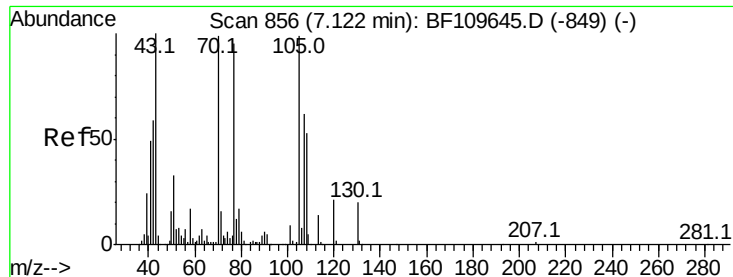
Sohil
10/10/2018 11:37:00 AM



#18
Hexachloroethane
Concen: 40.909 ng
RT: 7.20 min Scan# 870
Delta R.T. -0.01 min
Lab File: BF109694.D
Acq: 9 Oct 2018 14:50

Tgt Ion:	117	Resp:	109192
Ion Ratio	Lower	Upper	
117	100		
119	96.3	75.0	112.6
201	92.6	79.2	118.8





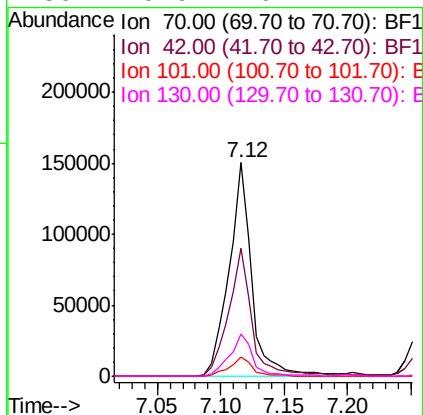
#19
n-Nitroso-di-n-propylamine
Concen: 40.546 ng
RT: 7.12 min Scan# 855
Delta R.T. -0.01 min
Lab File: BF109694.D
Acq: 9 Oct 2018 14:50

Instrument :
BNA_F
ClientSampleId :
PB113600BS

Tot Ion	Ratio	Lower	Upper
70	100		
42	60.2	47.4	71.2
101	9.0	7.3	10.9
130	19.9	16.2	24.2

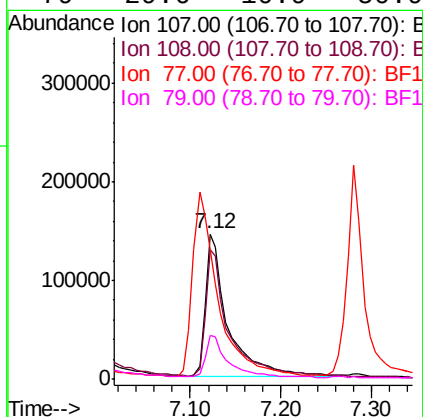
Manual Integrations
APPROVED

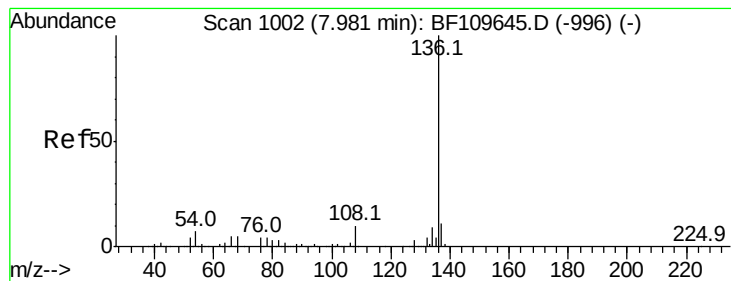
Sohil
10/10/2018 11:37:00 AM



#20
3+4-Methylphenols
Concen: 42.845 ng
RT: 7.12 min Scan# 856
Delta R.T. -0.01 min
Lab File: BF109694.D
Acq: 9 Oct 2018 14:50

Tgt Ion	Ratio	Lower	Upper
107	100		
108	89.4	71.4	111.4
77	88.9	47.3	87.3#
79	29.6	10.9	50.9





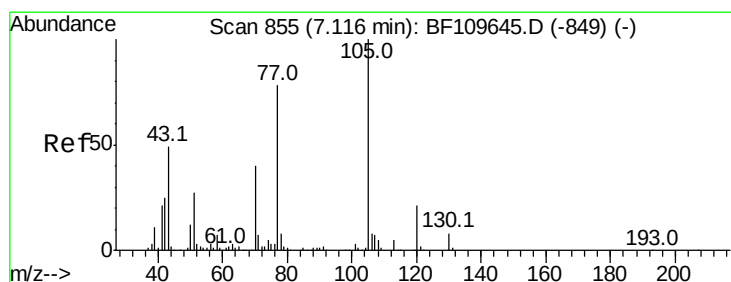
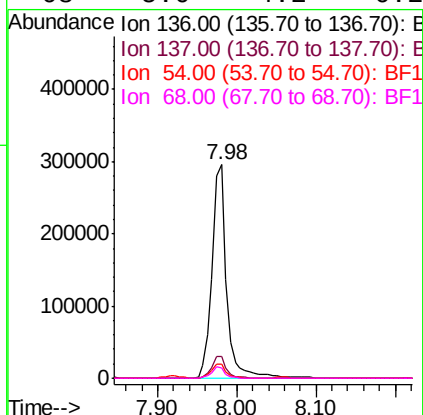
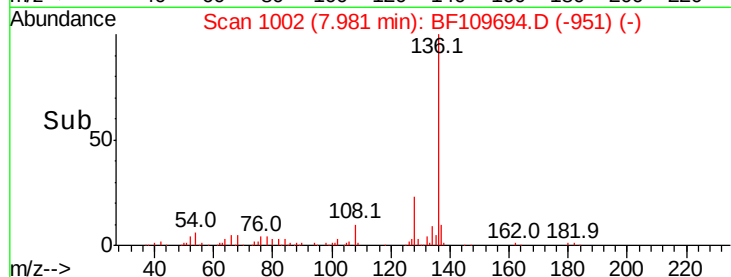
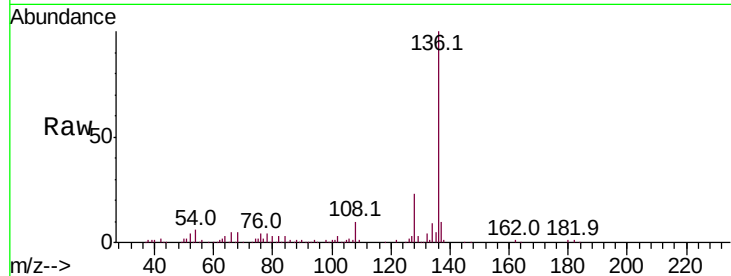
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.98 min Scan# 1002
Delta R.T. 0.00 min
Lab File: BF109694.D
Acq: 9 Oct 2018 14:50

Instrument :
BNA_F
ClientSampleId :
PB113600BS

Tot Ion	Ratio	Resp	Lower	Upper
136	100			
137	10.4	8.8	13.2	
54	6.5	5.4	8.2	
68	5.0	4.2	6.2	

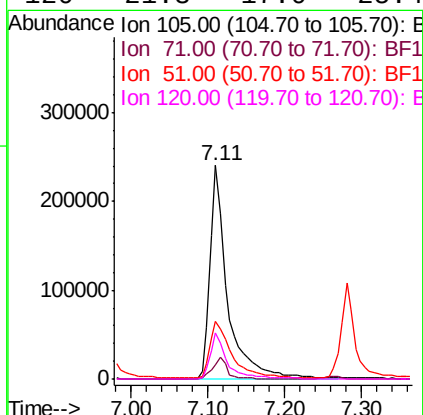
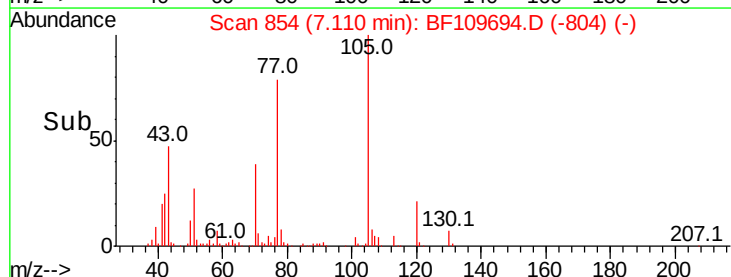
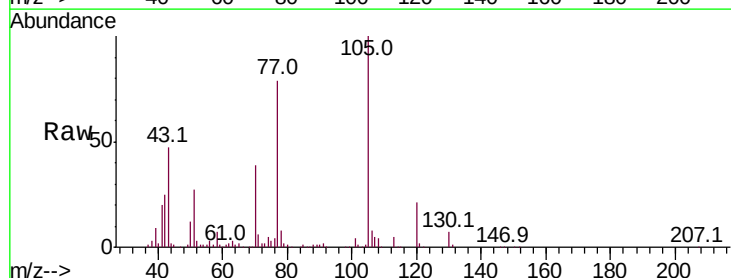
Manual Integrations
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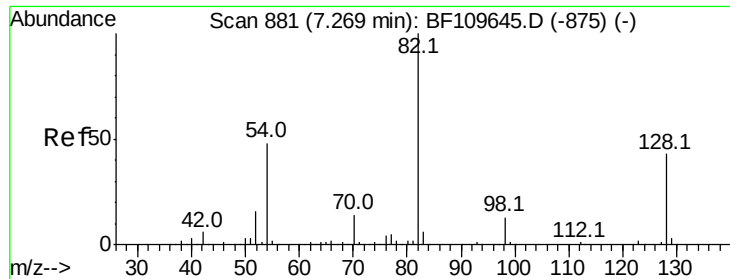
Sohil
10/10/2018 11:37:00 AM



#22
Acetophenone
Concen: 41.392 ng
RT: 7.11 min Scan# 854
Delta R.T. -0.01 min
Lab File: BF109694.D
Acq: 9 Oct 2018 14:50

Tgt Ion	Ratio	Resp	Lower	Upper
105	100			
71	6.4	5.2	7.8	
51	27.2	21.8	32.8	
120	21.3	17.0	25.4	





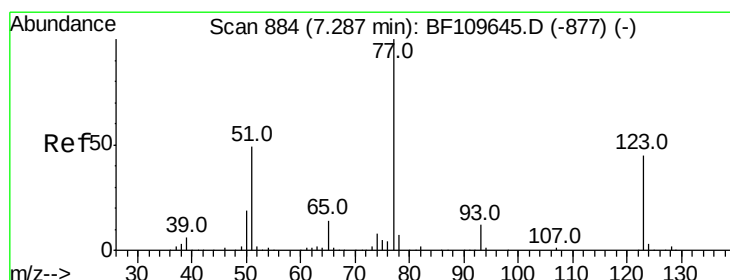
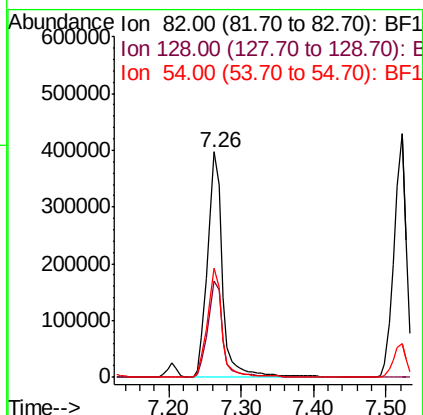
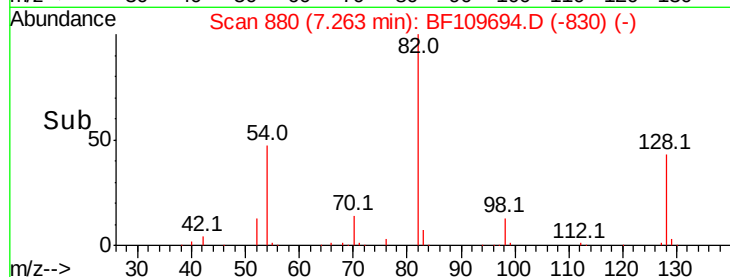
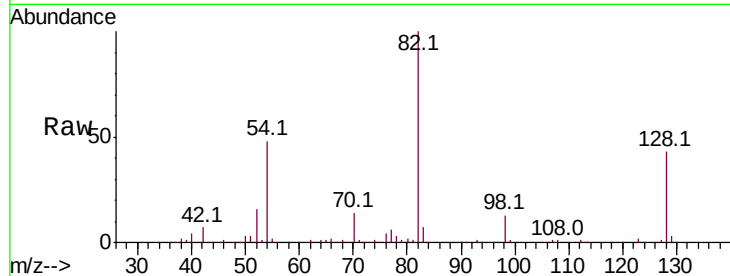
#23
Nitrobenzene-d5
Concen: 83.900 ng
RT: 7.26 min Scan# 880
Delta R.T. -0.01 min
Lab File: BF109694.D
Acq: 9 Oct 2018 14:50

Instrument :
BNA_F
ClientSampled :
PB113600BS

Tot Ion	Ratio	Lower	Upper
82	100		
128	42.7	34.2	51.2
54	48.3	38.6	58.0

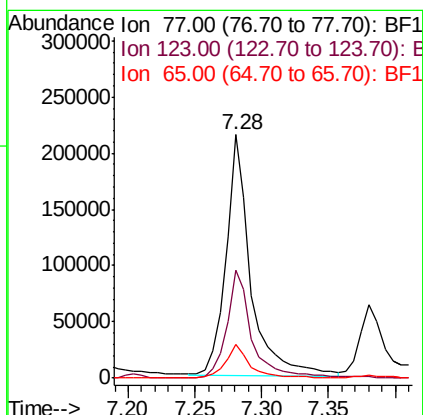
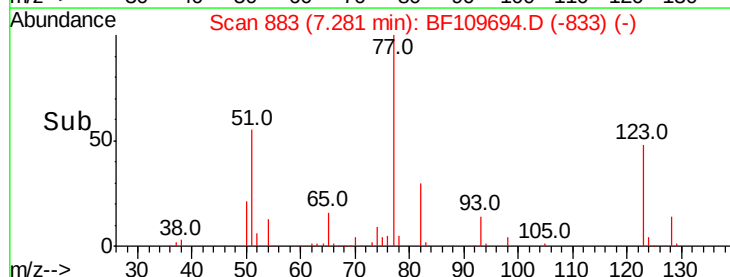
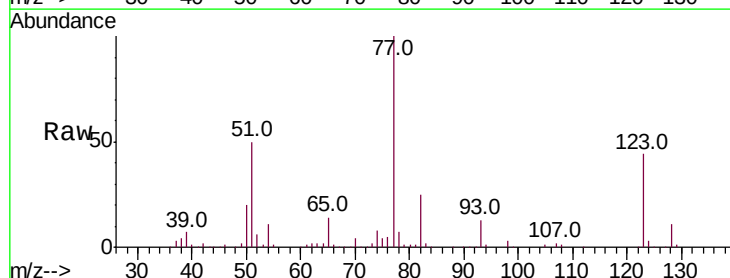
Manual Integrations
APPROVED

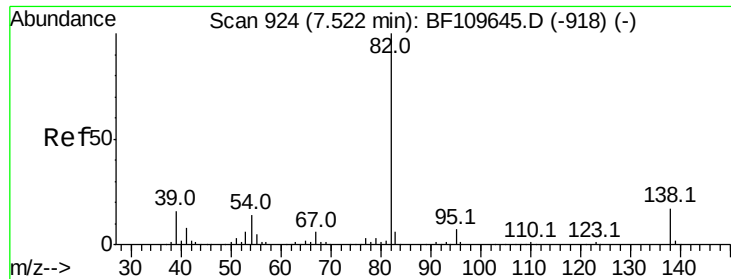
Sohil
10/10/2018 11:37:00 AM



#24
Nitrobenzene
Concen: 39.175 ng
RT: 7.28 min Scan# 883
Delta R.T. -0.01 min
Lab File: BF109694.D
Acq: 9 Oct 2018 14:50

Tgt Ion	Ratio	Lower	Upper
77	100		
123	44.2	35.7	53.5
65	13.9	10.7	16.1





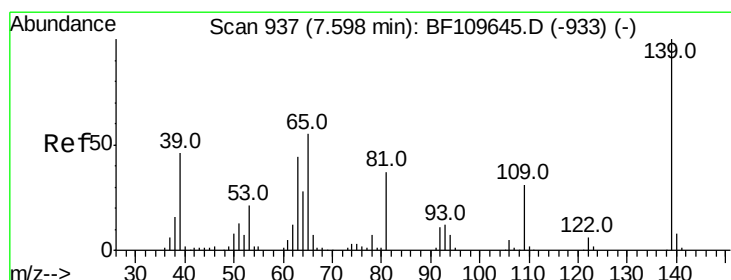
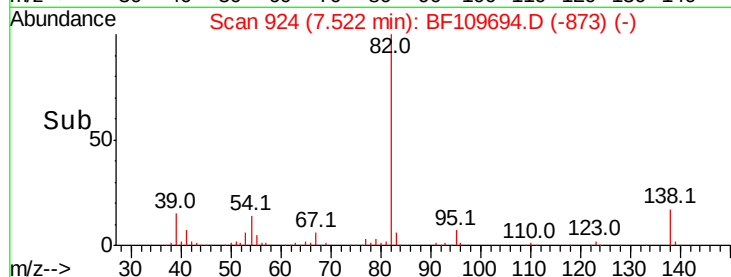
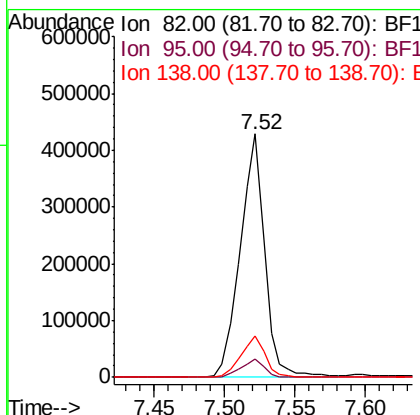
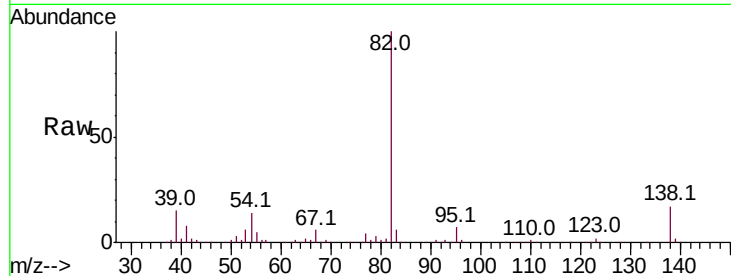
#25
Isophorone
Concen: 45.048 ng
RT: 7.52 min Scan# 924
Delta R.T. -0.00 min
Lab File: BF109694.D
Acq: 9 Oct 2018 14:50

Instrument :
BNA_F
ClientSampleId :
PB113600BS

Tot Ion	Ratio	Lower	Upper
82	100		
95	7.3	5.7	8.5
138	17.2	13.2	19.8

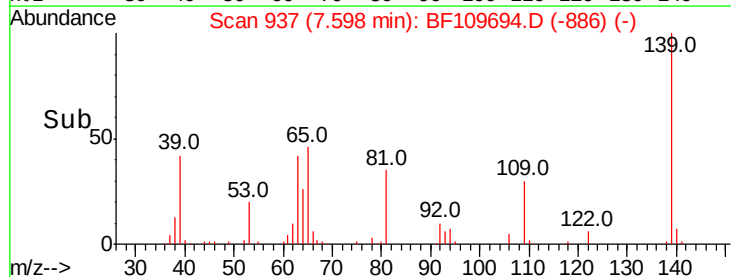
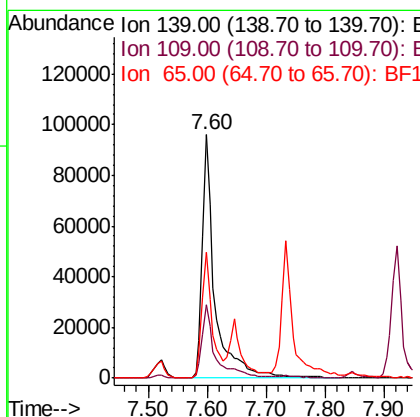
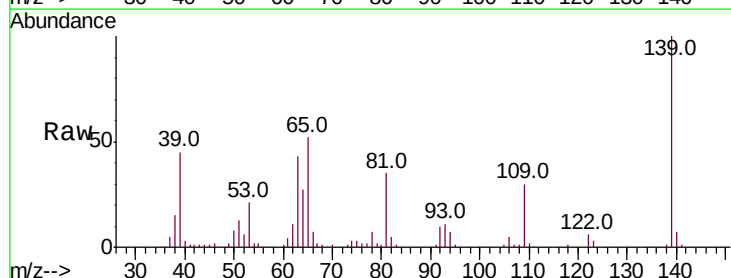
Manual Integrations
APPROVED

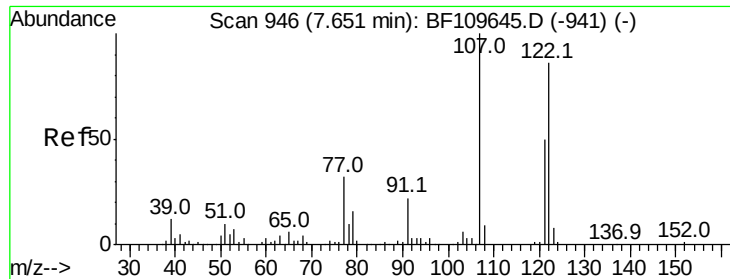
Sohil
10/10/2018 11:37:00 AM



#26
2-Nitrophenol
Concen: 42.580 ng
RT: 7.60 min Scan# 937
Delta R.T. 0.00 min
Lab File: BF109694.D
Acq: 9 Oct 2018 14:50

Tgt Ion	Ratio	Lower	Upper
139	100		
109	29.9	25.0	37.6
65	51.9	44.0	66.0





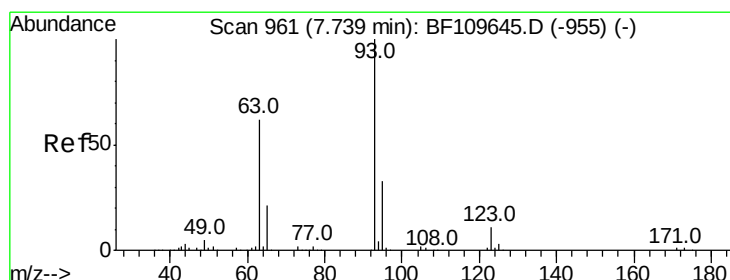
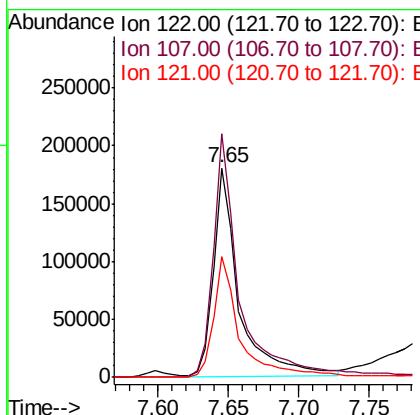
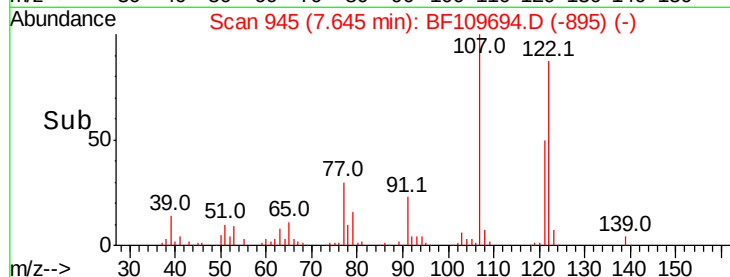
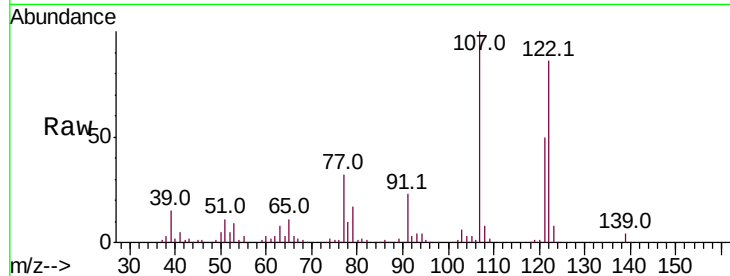
#27
2,4-Dimethylphenol
Concen: 47.140 ng
RT: 7.65 min Scan# 945
Delta R.T. -0.01 min
Lab File: BF109694.D
Acq: 9 Oct 2018 14:50

Instrument :
BNA_F
ClientSampled :
PB113600BS

Tot Ion	Ratio	Resp	Lower	Upper
122	100	228414		
107	116.4	92.5	138.7	
121	57.8	45.8	68.8	

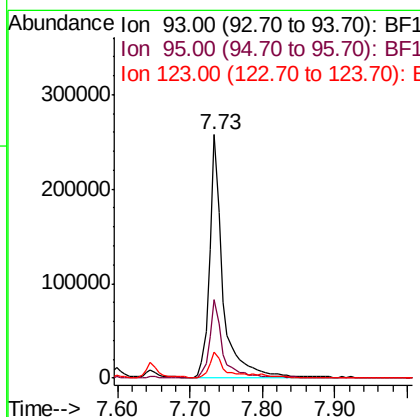
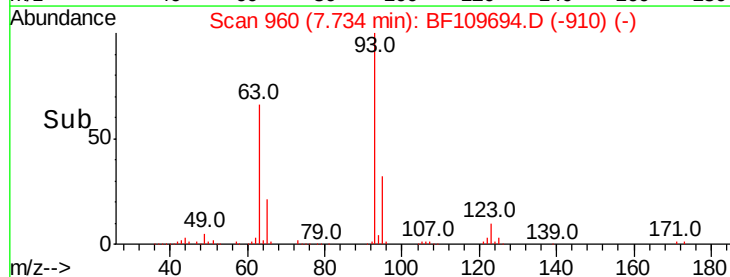
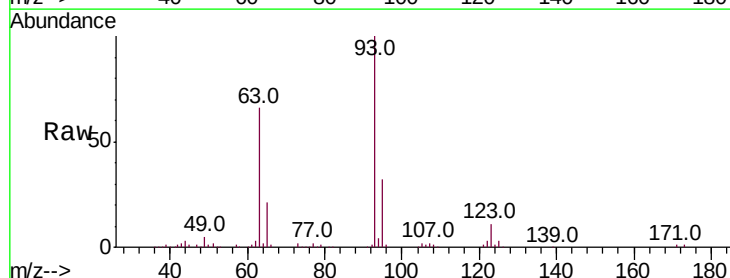
Manual Integrations
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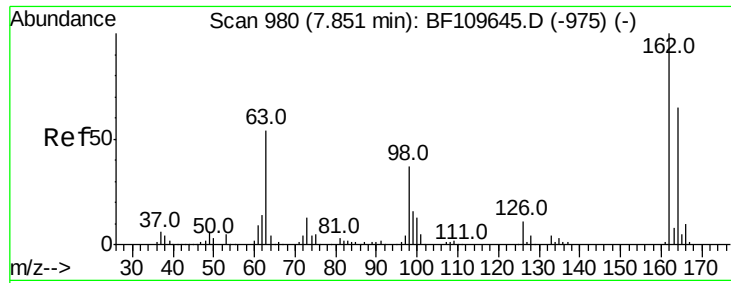
Sohil
10/10/2018 11:37:00 AM



#28
bis(2-Chloroethoxy)methane
Concen: 41.989 ng
RT: 7.73 min Scan# 960
Delta R.T. -0.01 min
Lab File: BF109694.D
Acq: 9 Oct 2018 14:50

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	325135		
95	32.3	26.4	39.6	
123	10.6	9.0	13.6	





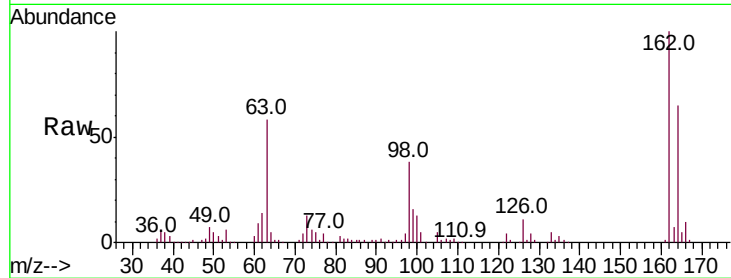
#29
 2,4-Dichlorophenol
 Concen: 42.628 ng
 RT: 7.85 min Scan# 979
 Delta R.T. -0.01 min
 Lab File: BF109694.D
 Acq: 9 Oct 2018 14:50

Instrument :
 BNA_F
 ClientSampleId :
 PB113600BS

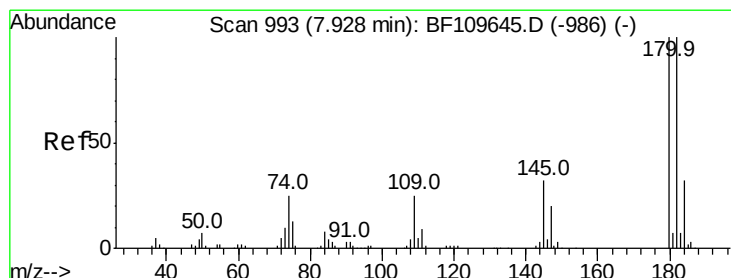
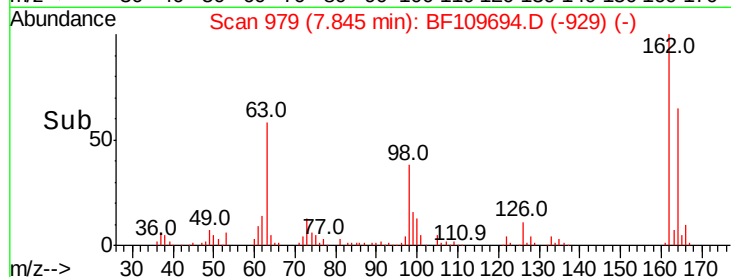
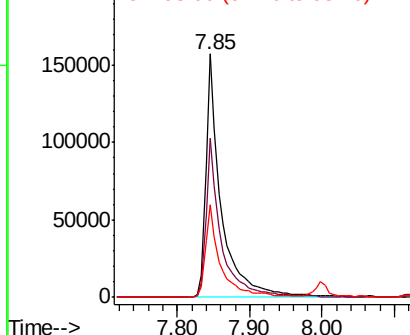
Tot Ion:	162	Resp:	231680
Ion Ratio	Lower	Upper	
162	100		
164	65.3	44.6	84.6
98	38.3	17.4	57.4

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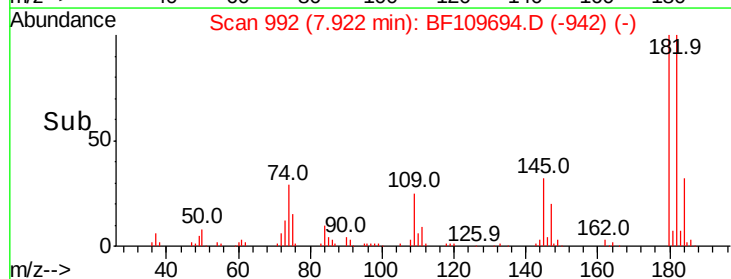
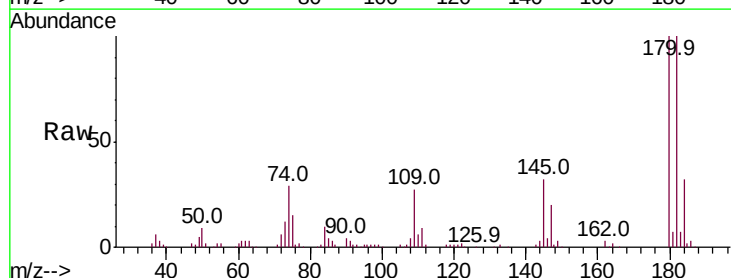
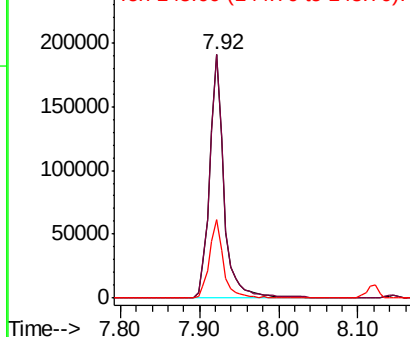
Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF1

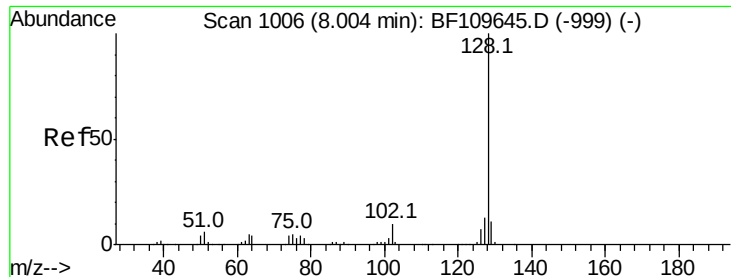


#30
 1,2,4-Trichlorobenzene
 Concen: 39.728 ng
 RT: 7.92 min Scan# 992
 Delta R.T. -0.01 min
 Lab File: BF109694.D
 Acq: 9 Oct 2018 14:50

Tgt Ion:	180	Resp:	239022
Ion Ratio	Lower	Upper	
180	100		
182	100.1	80.3	120.5
145	32.3	25.4	38.0

Abundance Ion 180.00 (179.70 to 180.70): E
 Ion 182.00 (181.70 to 182.70): E
 Ion 145.00 (144.70 to 145.70): E





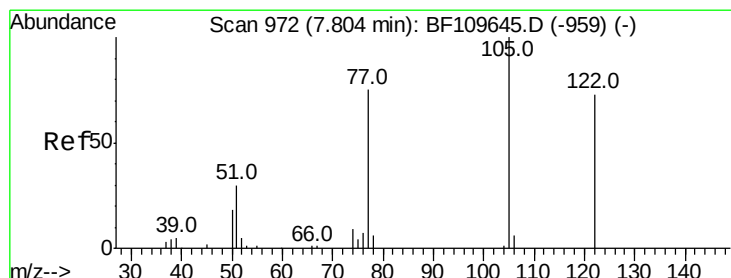
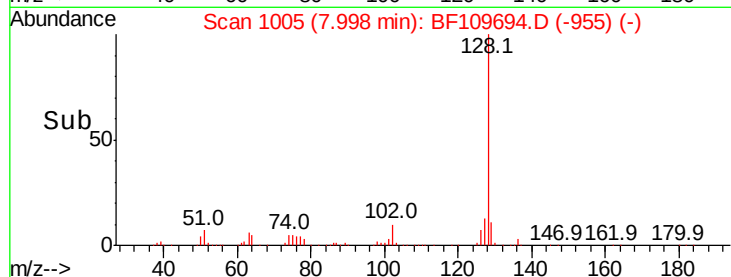
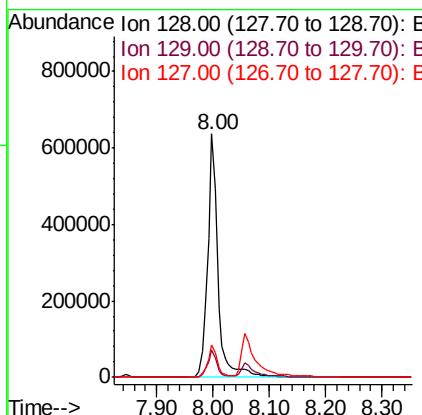
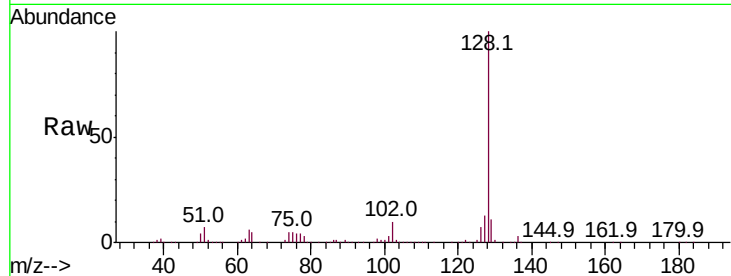
#31
Naphthalene
Concen: 46.252 ng
RT: 8.00 min Scan# 1005
Delta R.T. -0.01 min
Lab File: BF109694.D
Acq: 9 Oct 2018 14:50

Instrument :
BNA_F
ClientSampleId :
PB113600BS

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

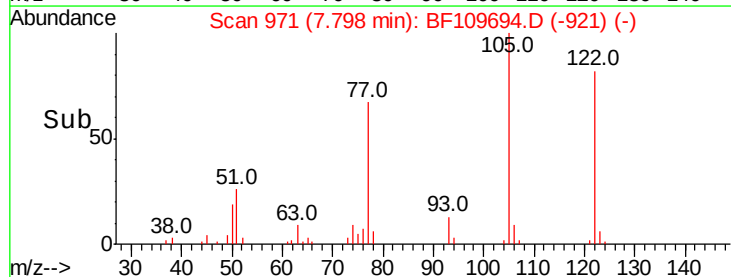
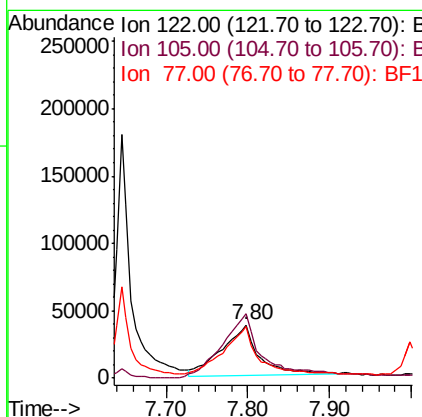
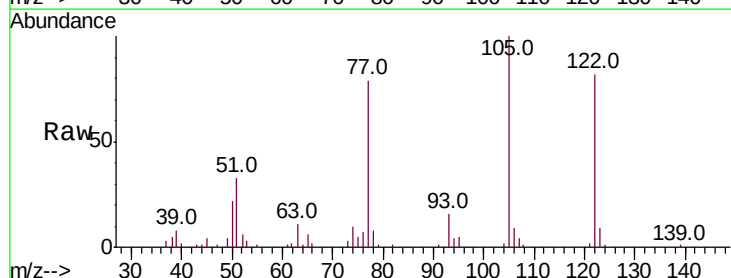
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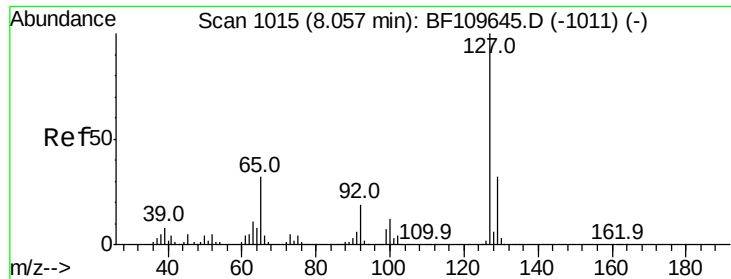
Sohil
10/10/2018 11:37:00 AM



#32
Benzoic acid
Concen: 34.236 ng
RT: 7.80 min Scan# 971
Delta R.T. -0.01 min
Lab File: BF109694.D
Acq: 9 Oct 2018 14:50

Tgt Ion	Ratio	Resp	Lower	Upper
122	100			
105	122.7	109.0	149.0	
77	97.2	79.0	119.0	





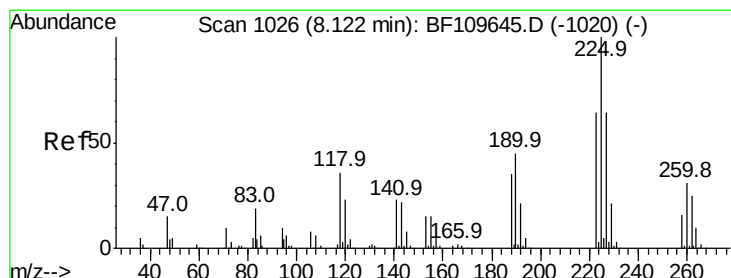
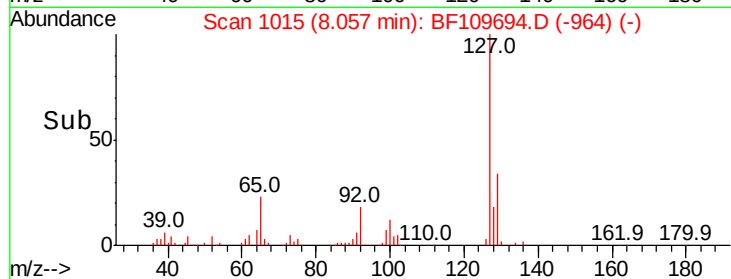
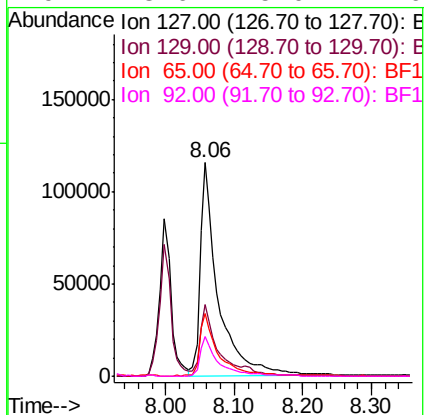
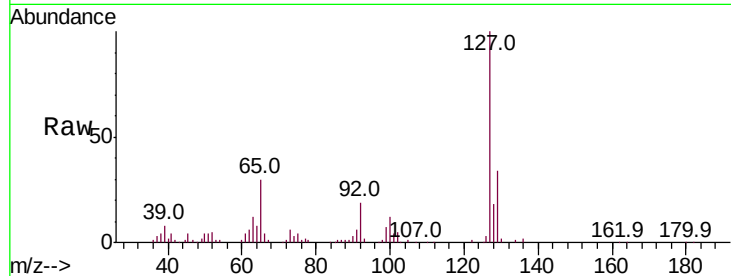
#33
4-Chloroaniline
Concen: 27.486 ng
RT: 8.06 min Scan# 1015
Delta R.T. 0.00 min
Lab File: BF109694.D
Acq: 9 Oct 2018 14:50

Instrument :
BNA_F
ClientSampleId :
PB113600BS

Tot Ion	Ratio	Resp	Lower	Upper
127	100			
129	33.7	26.0	39.0	
65	29.6	25.1	37.7	
92	18.6	15.0	22.6	

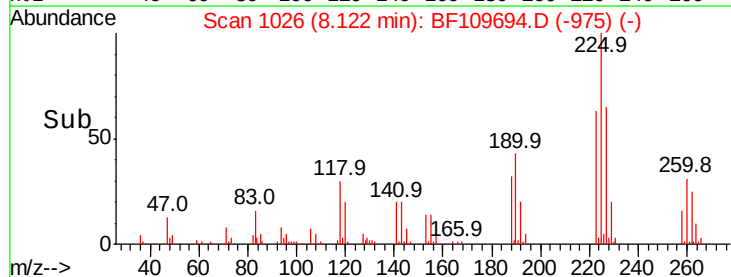
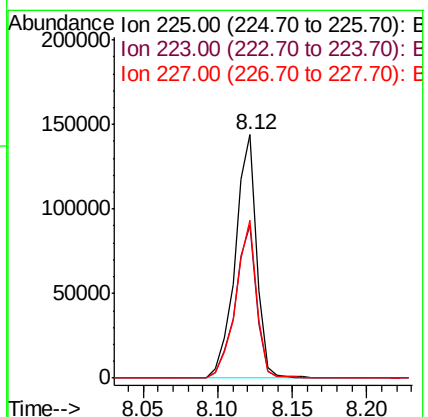
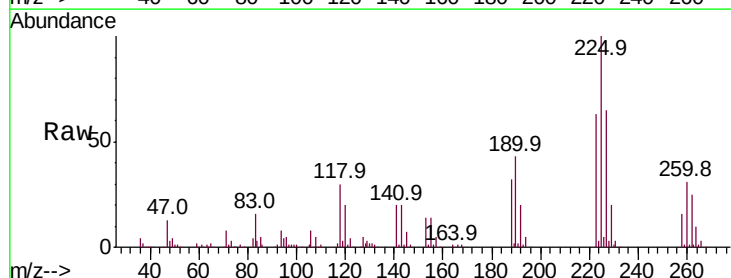
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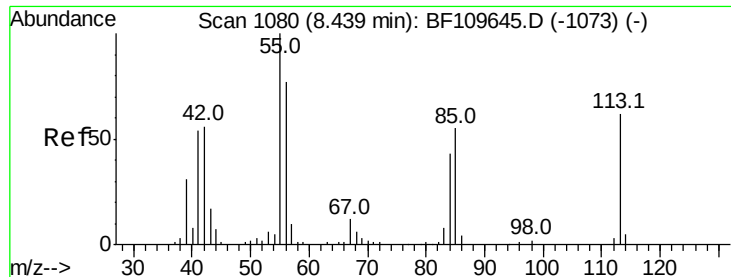
Sohil
10/10/2018 11:37:00 AM



#34
Hexachlorobutadiene
Concen: 38.779 ng
RT: 8.12 min Scan# 1026
Delta R.T. 0.00 min
Lab File: BF109694.D
Acq: 9 Oct 2018 14:50

Tgt Ion	Ratio	Resp	Lower	Upper
225	100			
223	62.6	51.4	77.2	
227	64.6	51.0	76.6	





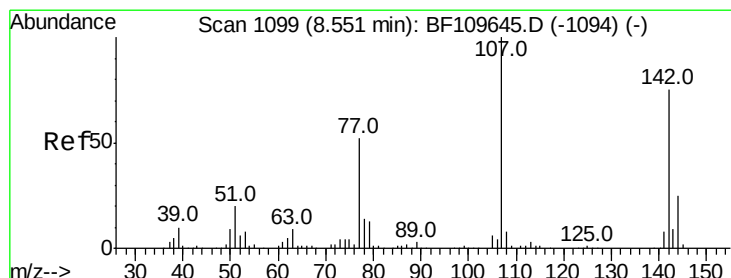
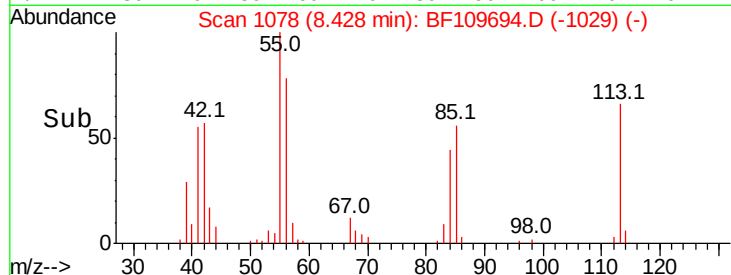
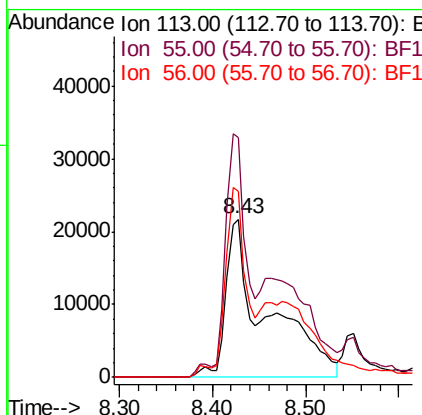
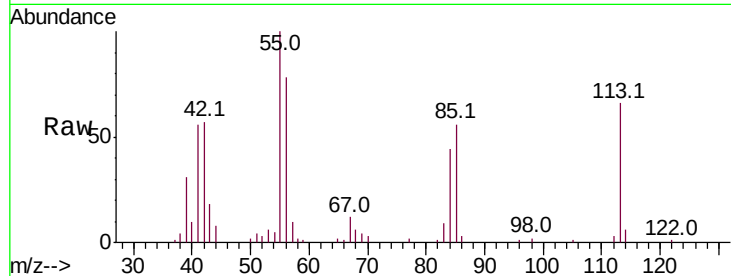
#35
Caprolactam
Concen: 40.671 ng/ml
RT: 8.43 min Scan# 1078
Delta R.T. -0.01 min
Lab File: BF109694.D
Acq: 9 Oct 2018 14:50

Instrument :
BNA_F
ClientSampleID :
PB113600BS

Tot Ion:113 Resp: 66014
Ion Ratio Lower Upper
113 100
55 151.4 142.8 182.8
56 117.5 105.0 145.0

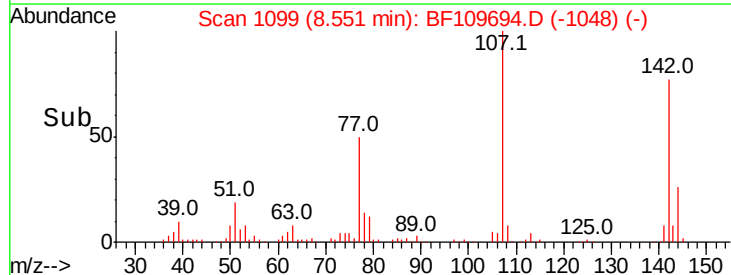
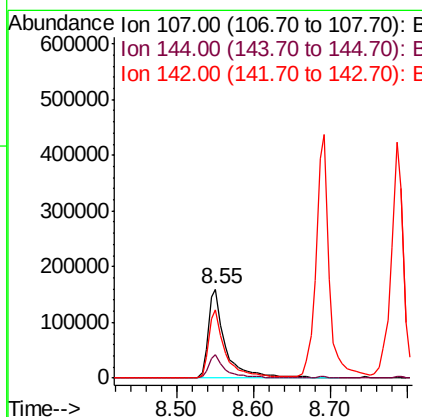
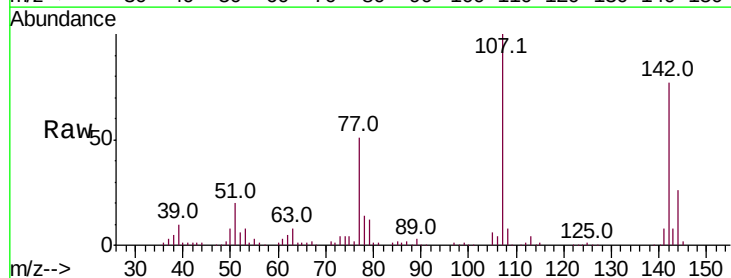
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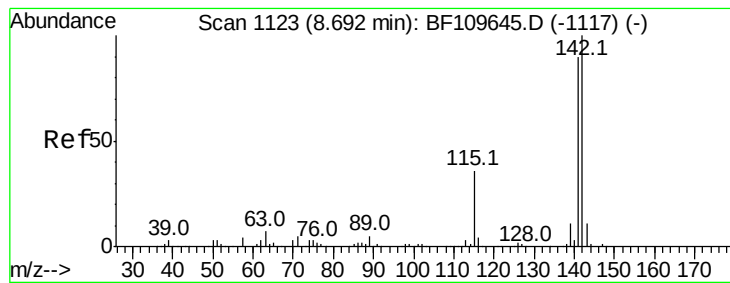
Sohil
10/10/2018 11:37:00 AM



#36
4-Chloro-3-methylphenol
Concen: 43.053 ng/ml
RT: 8.55 min Scan# 1099
Delta R.T. 0.00 min
Lab File: BF109694.D
Acq: 9 Oct 2018 14:50

Tgt Ion:107 Resp: 246998
Ion Ratio Lower Upper
107 100
144 26.3 20.0 30.0
142 76.9 59.7 89.5





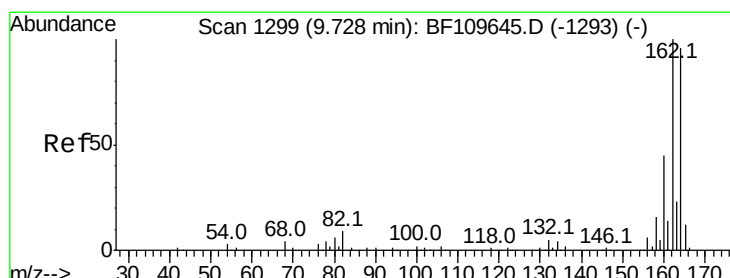
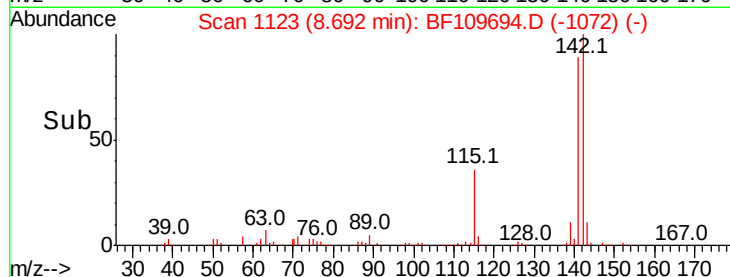
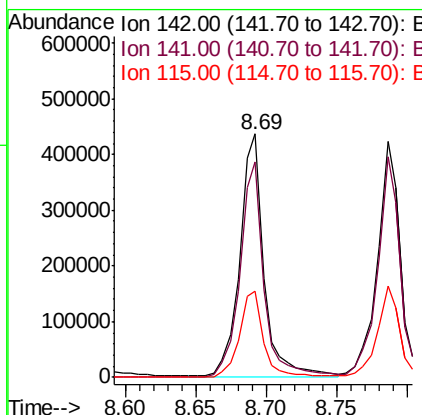
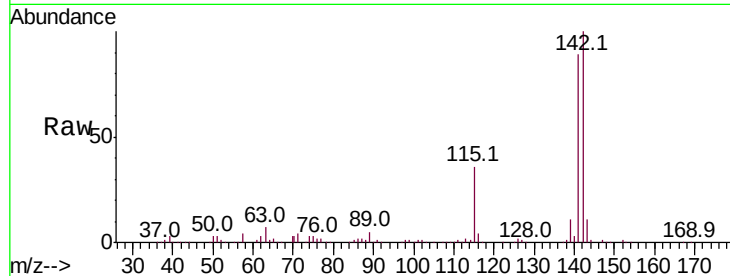
#37
2-Methylnaphthalene
Concen: 45.582 ng
RT: 8.69 min Scan# 1123
Delta R.T. 0.00 min
Lab File: BF109694.D
Acq: 9 Oct 2018 14:50

Instrument :
BNA_F
ClientSampleId :
PB113600BS

Tot Ion	Ratio	Lower	Upper
142	100		
141	88.7	71.4	107.2
115	35.5	28.7	43.1

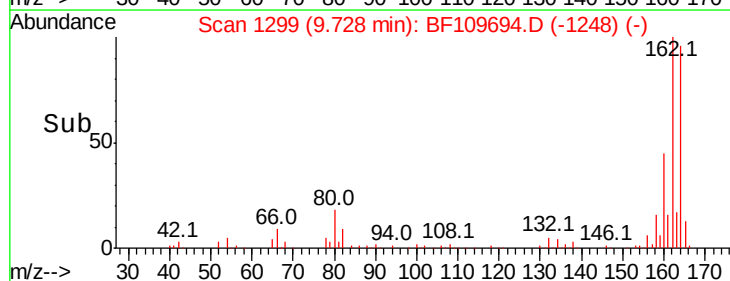
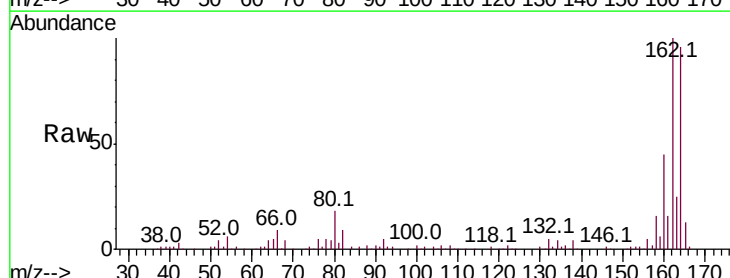
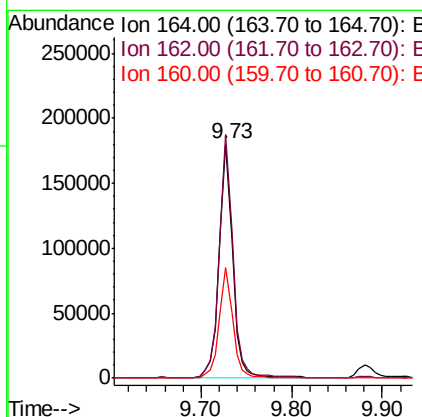
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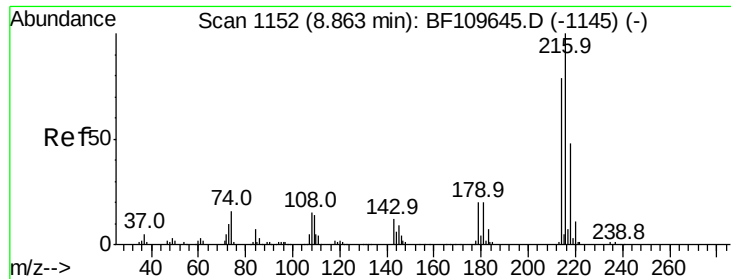
Sohil
10/10/2018 11:37:00 AM



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.73 min Scan# 1299
Delta R.T. -0.00 min
Lab File: BF109694.D
Acq: 9 Oct 2018 14:50

Tgt Ion	Ratio	Lower	Upper
164	100		
162	104.0	83.0	124.6
160	47.0	37.0	55.6





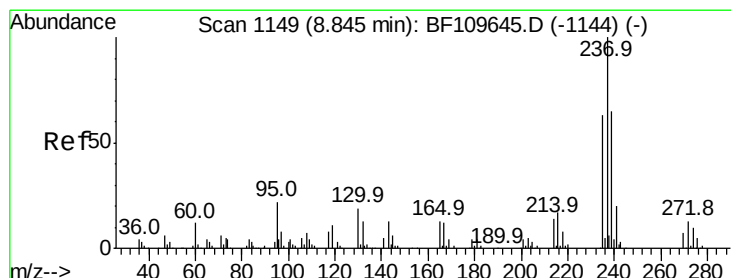
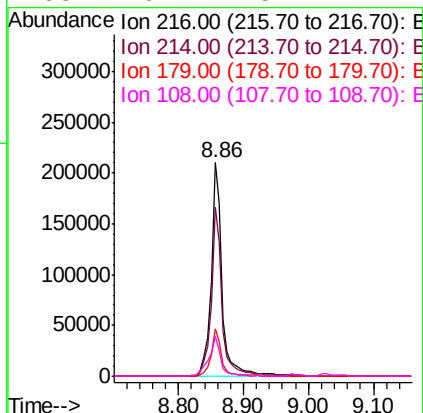
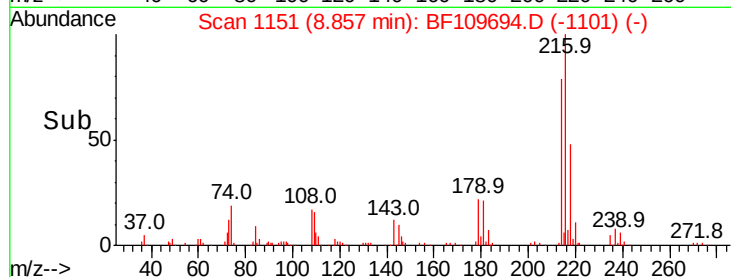
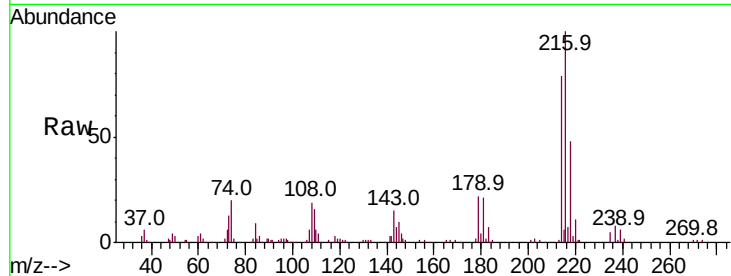
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 38.108 ng
 RT: 8.86 min Scan# 1151
 Delta R.T. -0.01 min
 Lab File: BF109694.D
 Acq: 9 Oct 2018 14:50

Instrument :
 BNA_F
 ClientSampleId :
 PB113600BS

Tot Ion	Ratio	Resp	Lower	Upper
216	100	243542		
214	78.3	63.8	95.6	
179	21.1	16.6	25.0	
108	20.4	15.1	22.7	

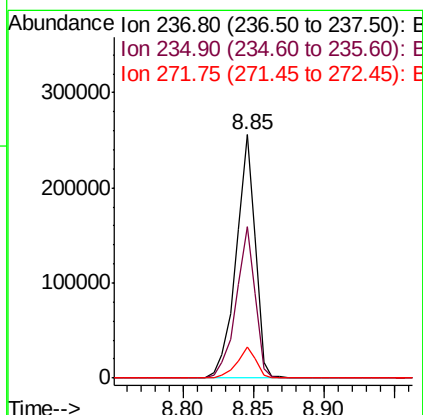
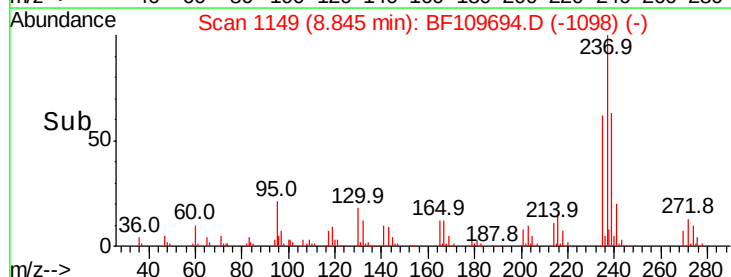
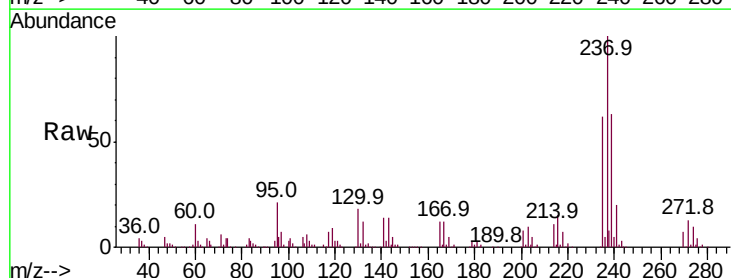
Manual Integrations
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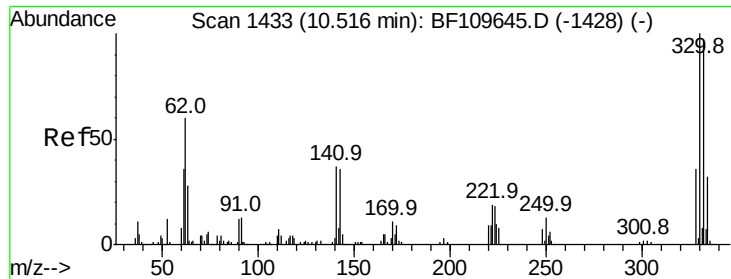
Sohil
 10/10/2018 11:37:00 AM



#40
 Hexachlorocyclopentadiene
 Concen: 85.778 ng
 RT: 8.85 min Scan# 1149
 Delta R.T. 0.00 min
 Lab File: BF109694.D
 Acq: 9 Oct 2018 14:50

Tgt Ion	Ratio	Resp	Lower	Upper
237	100	241636		
235	62.0	43.1	83.1	
272	12.8	0.0	32.6	





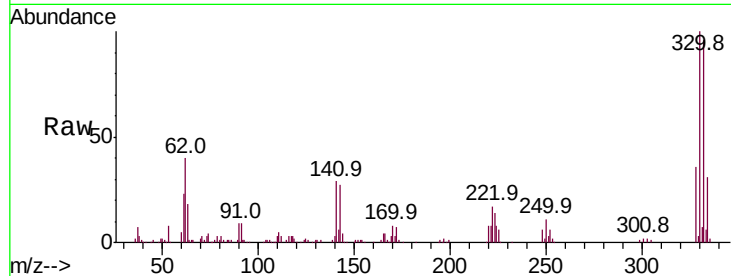
#41
2,4,6-Tribromophenol
Concen: 123.941 ng
RT: 10.52 min Scan# 1434
Delta R.T. 0.01 min
Lab File: BF109694.D
Acq: 9 Oct 2018 14:50

Instrument :
BNA_F
ClientSampled :
PB113600BS

Tot Ion	Ratio	Resp	Lower	Upper
330	100			
332	96.2	77.1	115.7	
141	33.8	27.0	40.4	

Manual Integrations
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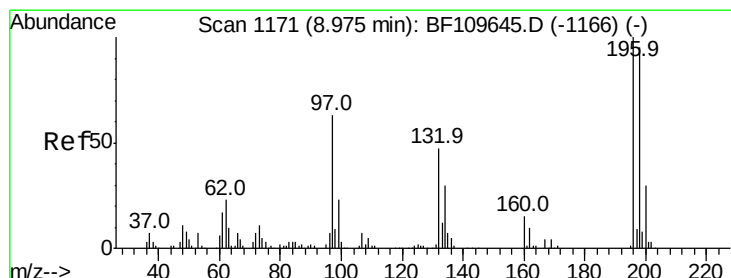
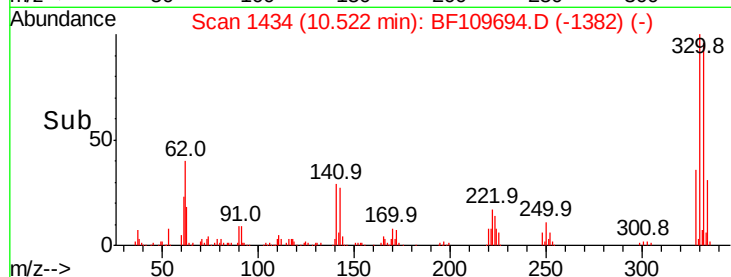
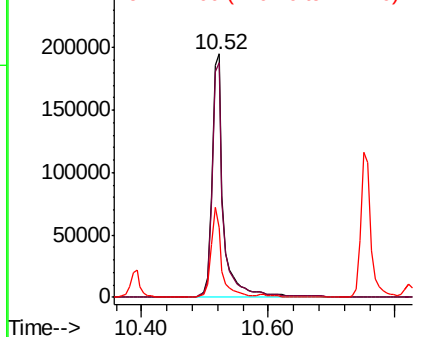


Abundance

Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#42
2,4,6-Trichlorophenol
Concen: 39.981 ng
RT: 8.97 min Scan# 1171
Delta R.T. 0.00 min
Lab File: BF109694.D
Acq: 9 Oct 2018 14:50

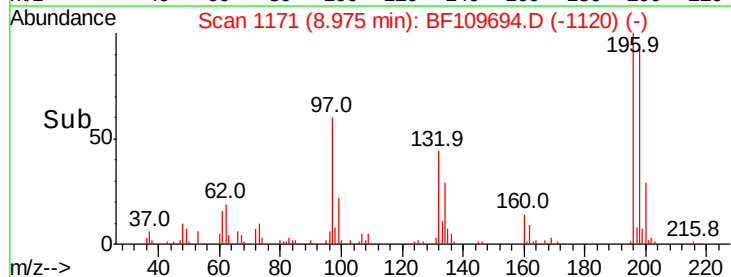
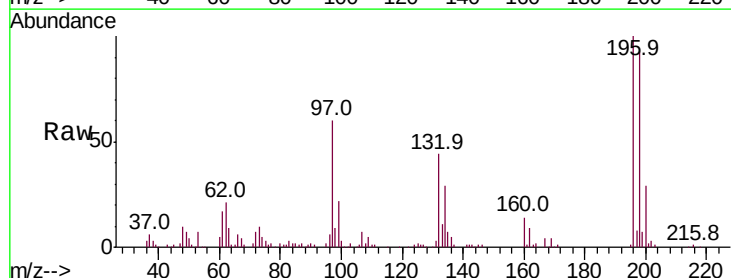
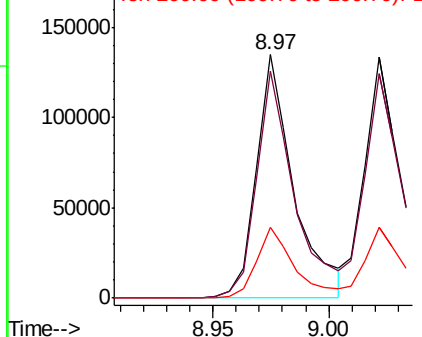
Tgt Ion	Ratio	Resp	Lower	Upper
196	100			
198	93.3	76.2	114.4	
200	29.2	24.4	36.6	

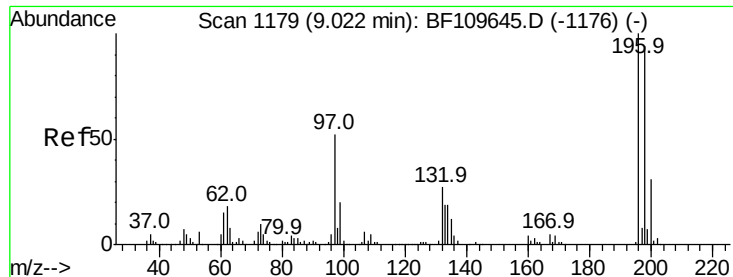
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 200.00 (199.70 to 200.70): E





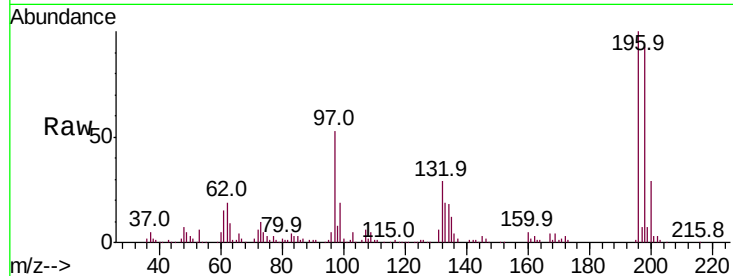
#43
2,4,5-Trichlorophenol
Concen: 39.544 ng
RT: 9.02 min Scan# 1179
Delta R.T. -0.00 min
Lab File: BF109694.D
Acq: 9 Oct 2018 14:50

Instrument :
BNA_F
ClientSampleId :
PB113600BS

Tot Ion	Ratio	Resp	Lower	Upper
196	100	173703		
198	93.1	75.8	113.6	
97	52.8	42.4	63.6	
132	29.1	22.8	34.2	

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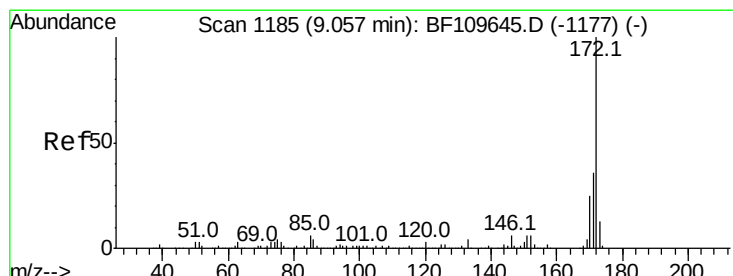
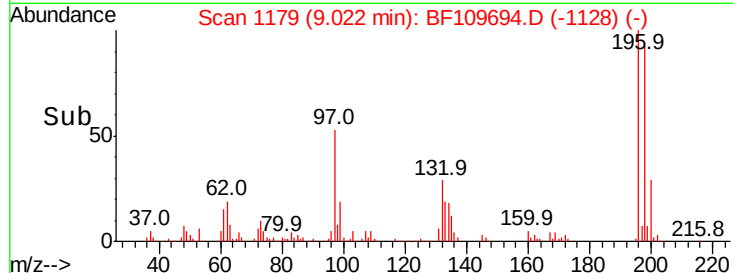
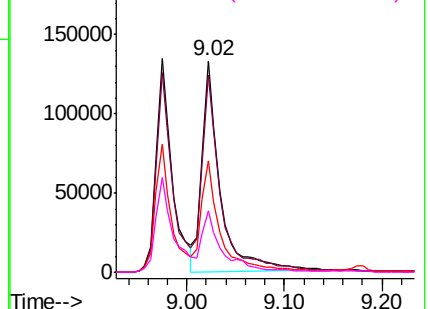
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 97.00 (96.70 to 97.70): BF1

Ion 132.00 (131.70 to 132.70): E



#44
2-Fluorobiphenyl
Concen: 83.286 ng
RT: 9.06 min Scan# 1185
Delta R.T. 0.00 min
Lab File: BF109694.D
Acq: 9 Oct 2018 14:50

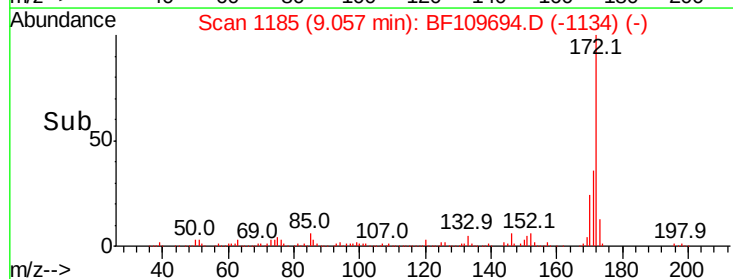
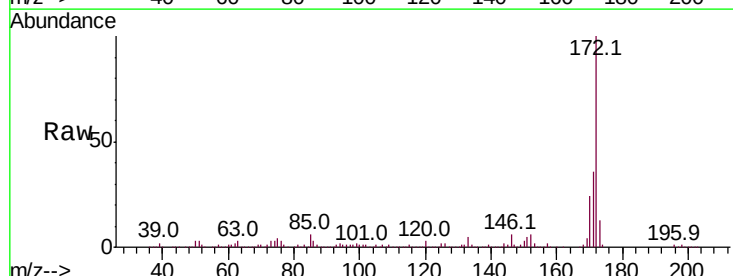
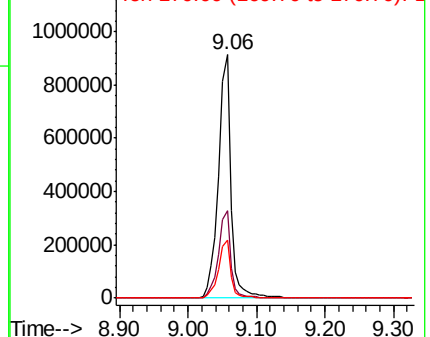
Tgt Ion	Ratio	Resp	Lower	Upper
172	100	1135340		
171	35.7	28.6	43.0	
170	23.7	19.7	29.5	

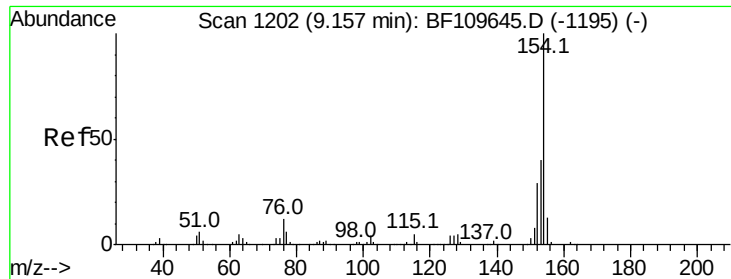
Abundance

Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





#45

1,1'-Biphenyl

Concen: 37.646 ng

RT: 9.15 min Scan# 1201

Delta R.T. -0.01 min

Lab File: BF109694.D

Acq: 9 Oct 2018 14:50

Instrument :

BNA_F

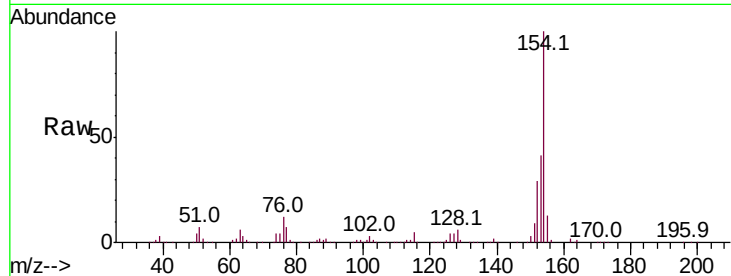
ClientSampleId :

PB113600BS

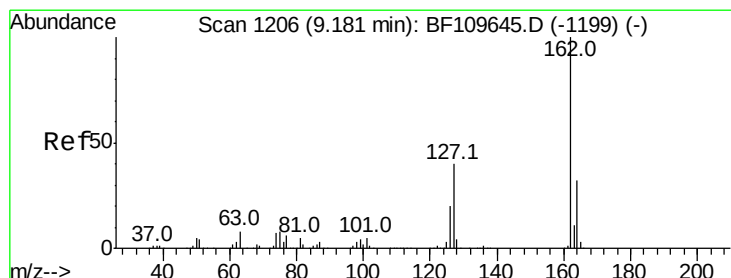
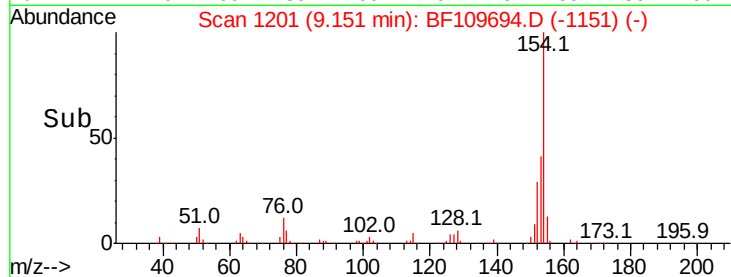
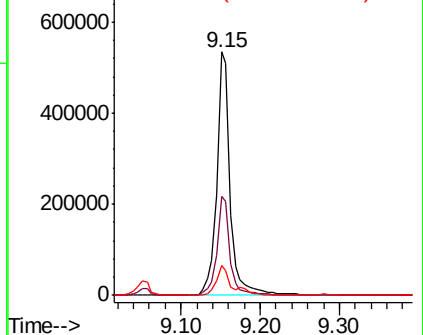
Tot Ion:	154	Resp:	631404
Ion Ratio	Lower	Upper	
154	100		
153	40.7	20.4	60.4
76	12.4	0.0	31.9

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



#46

2-Chloronaphthalene

Concen: 38.862 ng

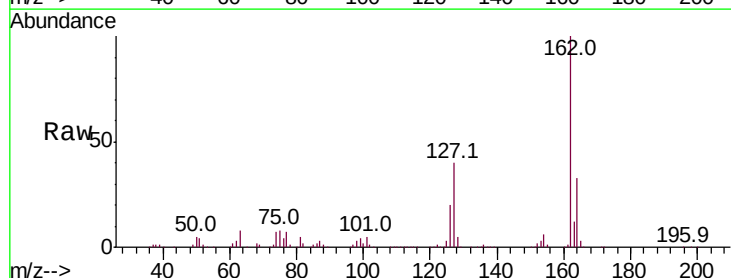
RT: 9.18 min Scan# 1206

Delta R.T. 0.00 min

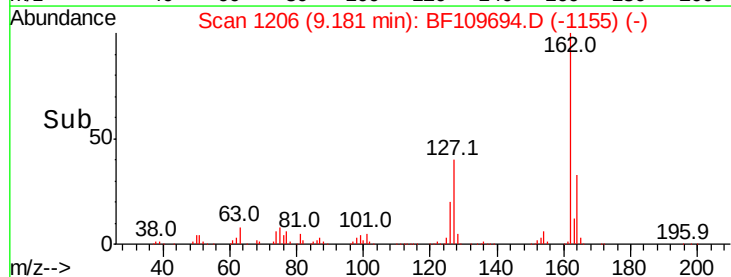
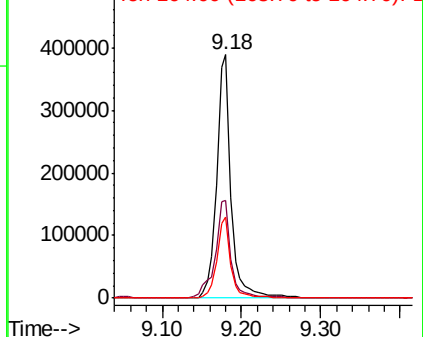
Lab File: BF109694.D

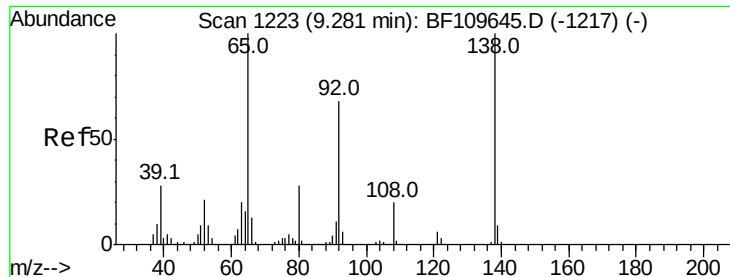
Acq: 9 Oct 2018 14:50

Tgt Ion:	162	Resp:	488322
Ion Ratio	Lower	Upper	
162	100		
127	40.3	32.6	48.8
164	33.4	25.9	38.9



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





#47

2-Nitroaniline

Concen: 40.870 ng

RT: 9.28 min Scan# 1223

Delta R.T. -0.00 min

Lab File: BF109694.D

Acq: 9 Oct 2018 14:50

Instrument :

BNA_F

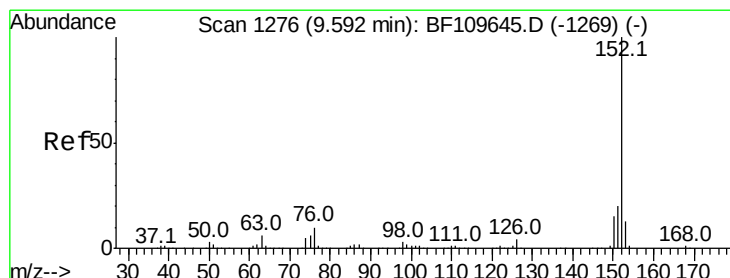
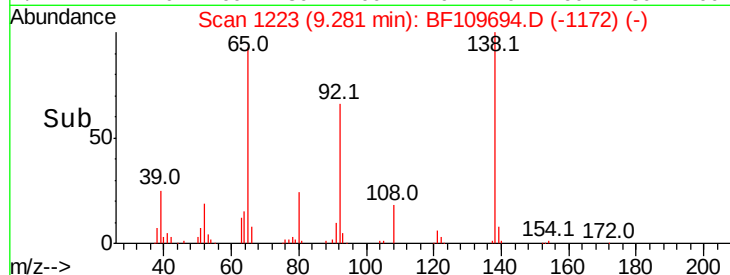
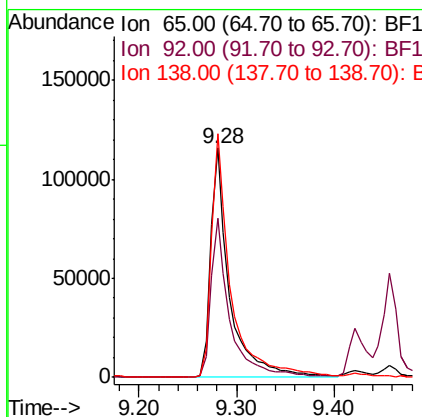
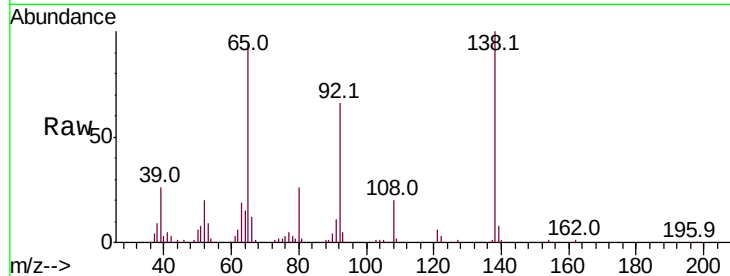
ClientSampleId :

PB113600BS

Tot Ion	Ratio	Lower	Upper
65	100		
92	69.6	54.6	81.8
138	106.3	80.3	120.5

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#48

Acenaphthylene

Concen: 43.101 ng

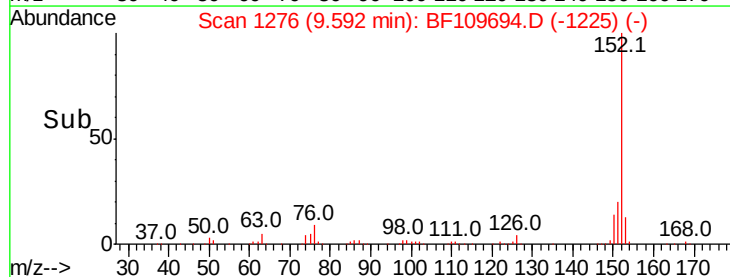
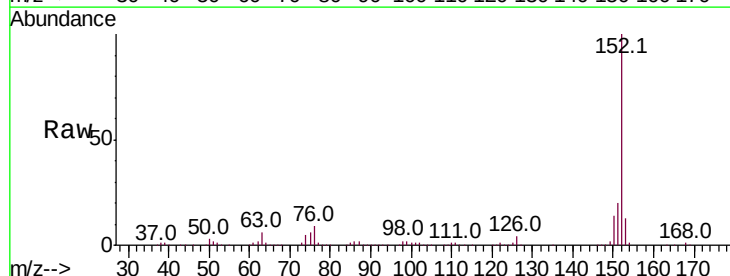
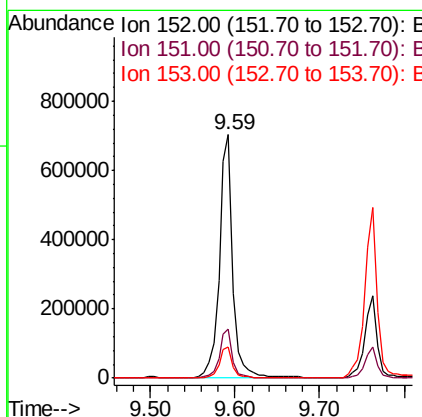
RT: 9.59 min Scan# 1276

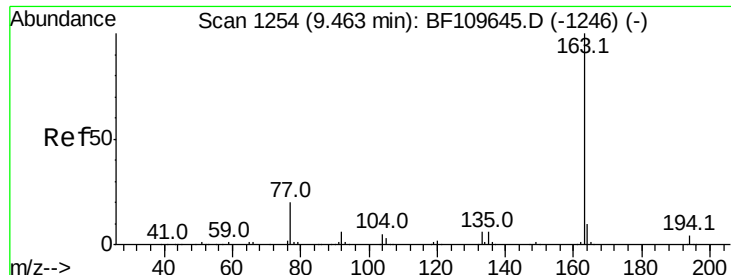
Delta R.T. -0.00 min

Lab File: BF109694.D

Acq: 9 Oct 2018 14:50

Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.0	15.8	23.8
153	12.9	10.4	15.6





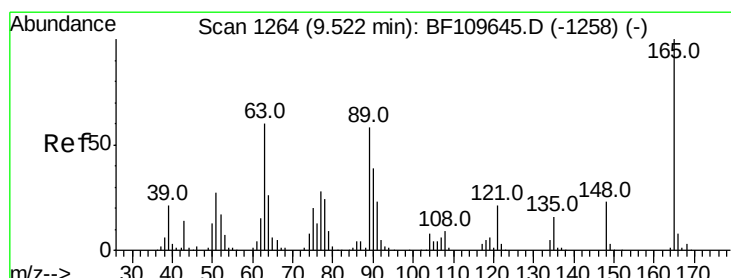
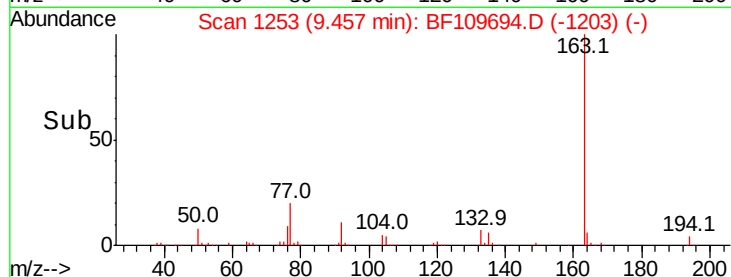
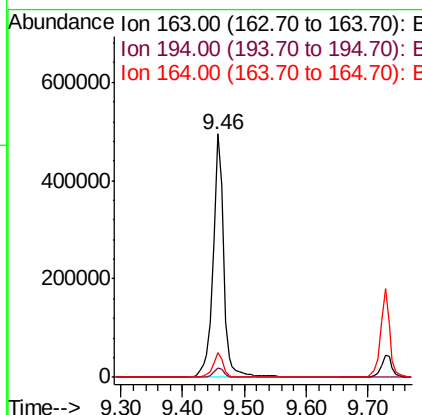
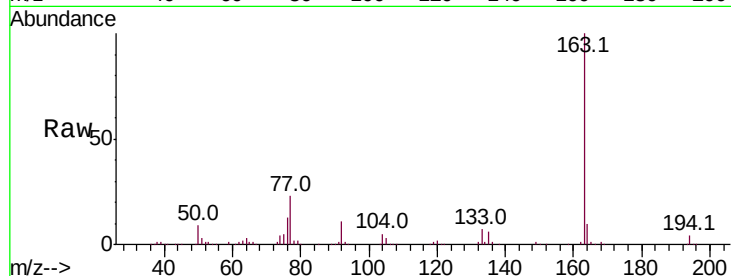
#49
Dimethylphthalate
Concen: 41.537 ng
RT: 9.46 min Scan# 1253
Delta R.T. -0.01 min
Lab File: BF109694.D
Acq: 9 Oct 2018 14:50

Instrument :
BNA_F
ClientSampleId :
PB113600BS

Tot Ion	Ratio	Resp	Lower	Upper
163	100	571937		
194	3.9		3.2	4.8
164	10.3		8.1	12.1

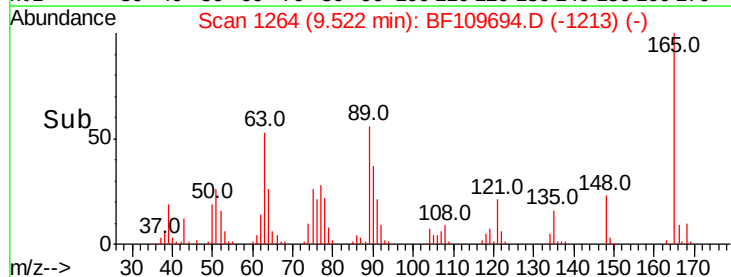
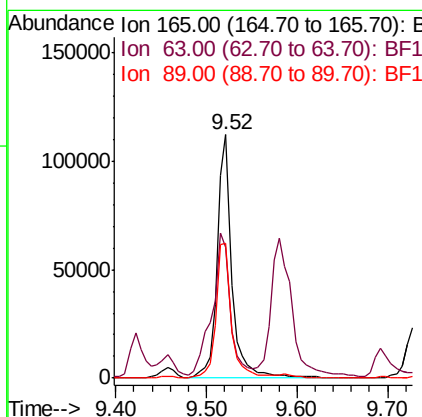
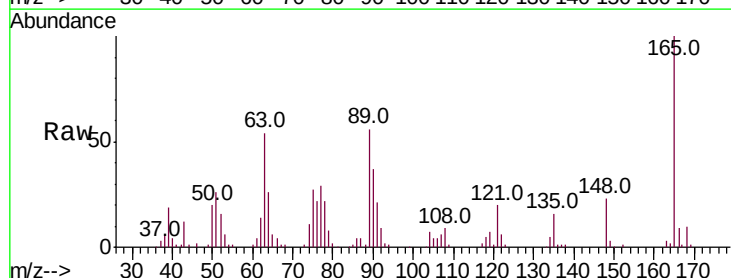
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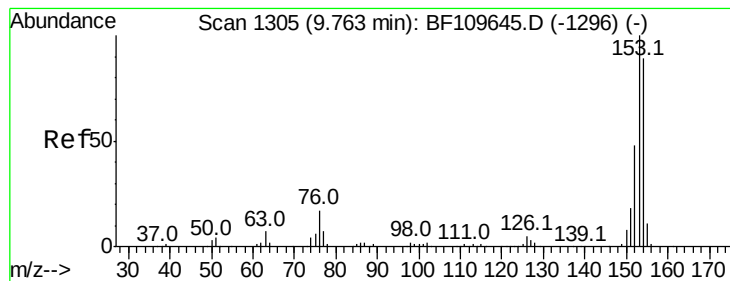
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#50
2,6-Dinitrotoluene
Concen: 41.810 ng
RT: 9.52 min Scan# 1264
Delta R.T. -0.00 min
Lab File: BF109694.D
Acq: 9 Oct 2018 14:50

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	124791		
63	54.0		48.9	73.3
89	55.6		46.6	69.8





#51

Acenaphthene

Concen: 40.853 ng

RT: 9.76 min Scan# 1305

Delta R.T. 0.00 min

Lab File: BF109694.D

Acq: 9 Oct 2018 14:50

Instrument :

BNA_F

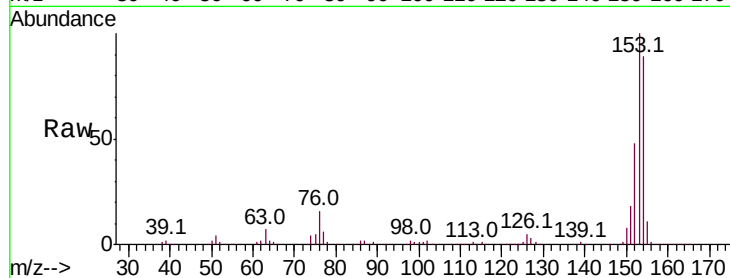
ClientSampleId :

PB113600BS

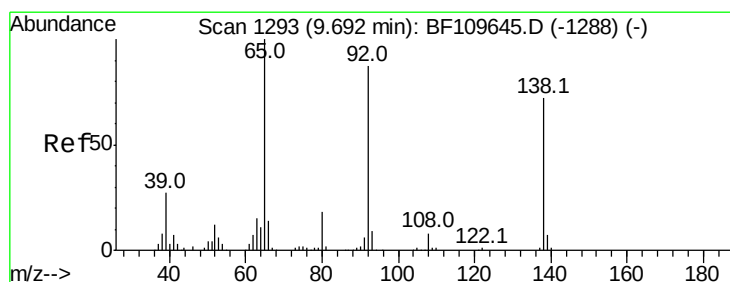
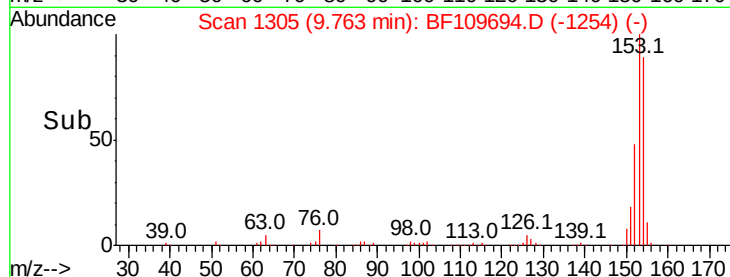
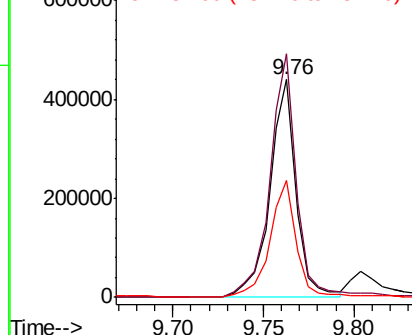
Tot Ion:	154	Resp:	443637
Ion Ratio	Lower	Upper	
154	100		
153	111.8	90.1	135.1
152	53.9	43.4	65.2

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Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 28.586 ng

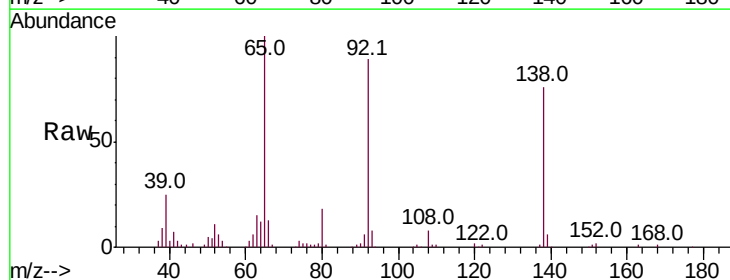
RT: 9.69 min Scan# 1293

Delta R.T. 0.00 min

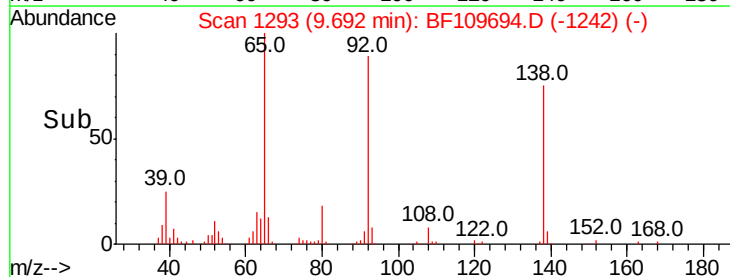
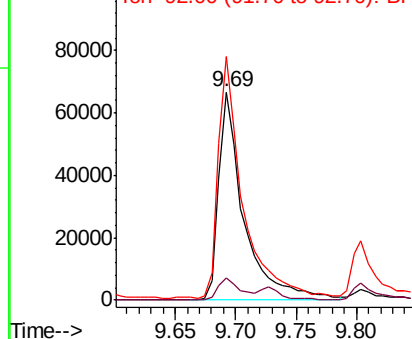
Lab File: BF109694.D

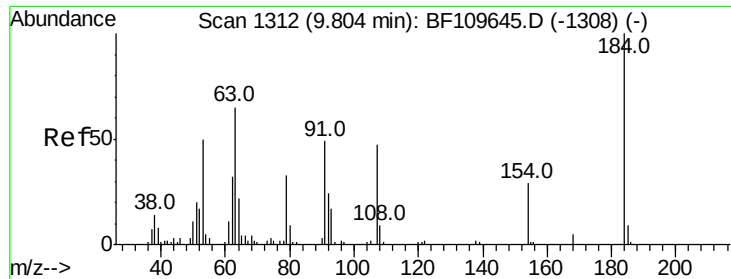
Acq: 9 Oct 2018 14:50

Tgt Ion:	138	Resp:	95642
Ion Ratio	Lower	Upper	
138	100		
108	10.9	8.7	13.1
92	117.1	97.0	145.4



Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BF1





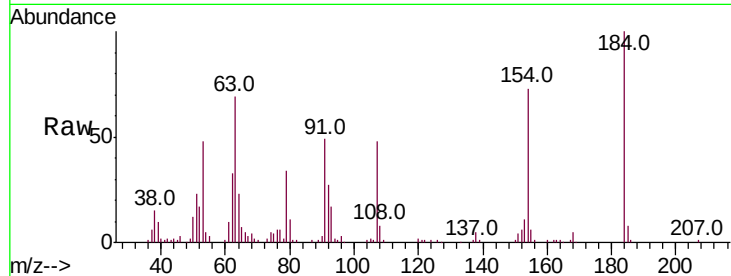
#53
2,4-Dinitrophenol
Concen: 94.954 ng
RT: 9.80 min Scan# 1312
Delta R.T. -0.00 min
Lab File: BF109694.D
Acq: 9 Oct 2018 14:50

Instrument :
BNA_F
ClientSampleId :
PB113600BS

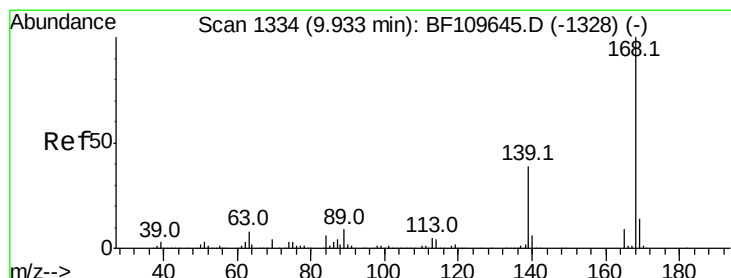
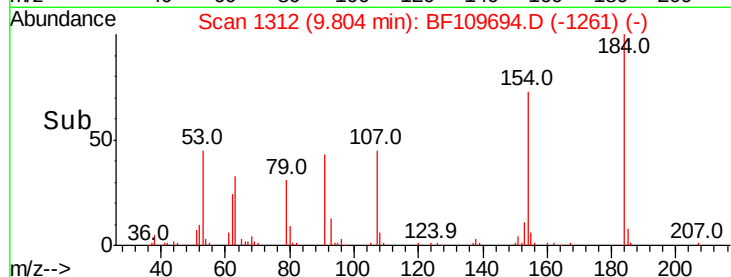
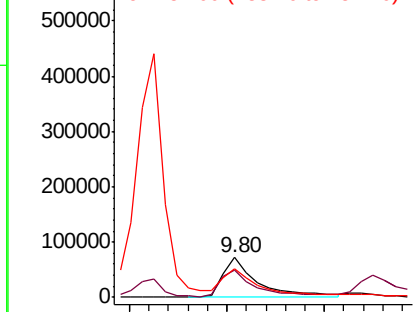
Tot Ion	Ratio	Lower	Upper
184	100		
63	69.5	55.8	83.6
154	73.5	63.2	94.8

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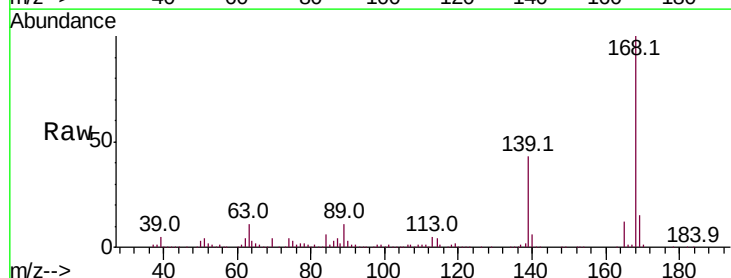


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 154.00 (153.70 to 154.70): E

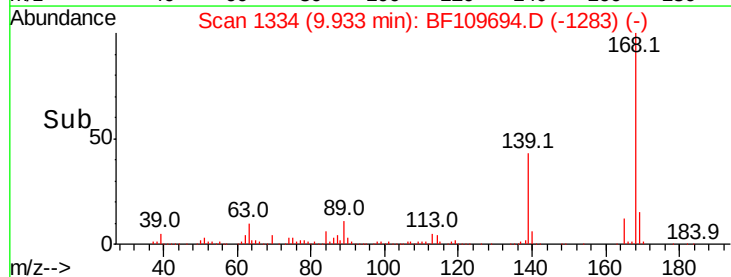
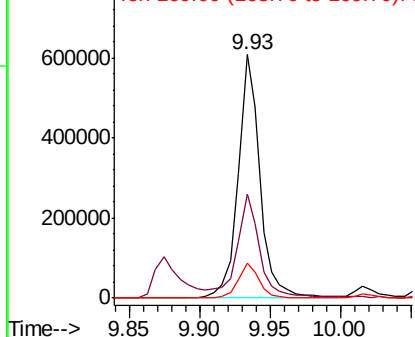


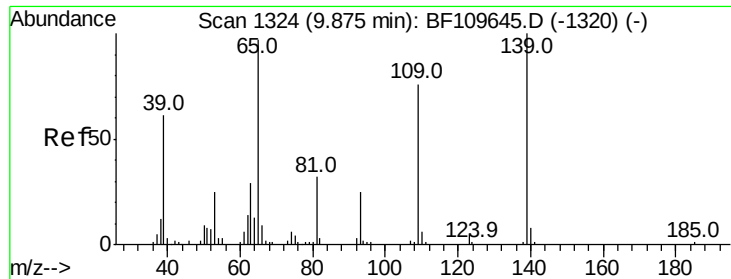
#54
Dibenzofuran
Concen: 40.310 ng
RT: 9.93 min Scan# 1334
Delta R.T. -0.00 min
Lab File: BF109694.D
Acq: 9 Oct 2018 14:50

Tgt Ion	Ratio	Lower	Upper
168	100		
139	42.6	33.0	49.6
169	14.6	11.3	16.9



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





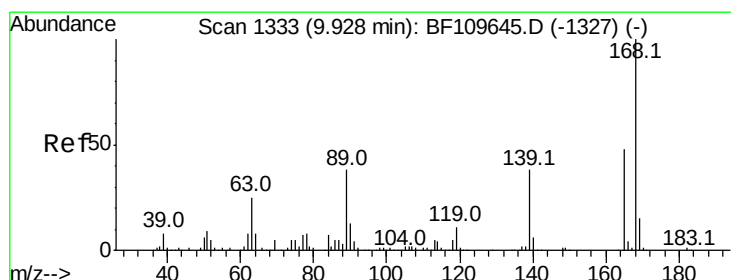
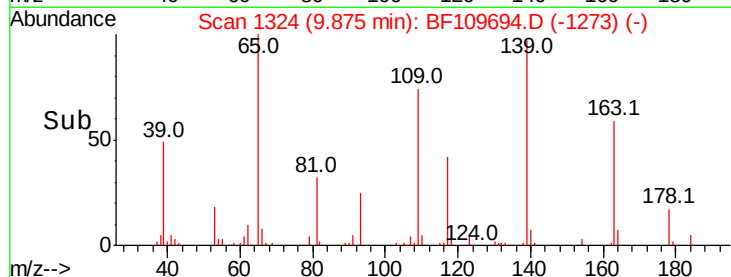
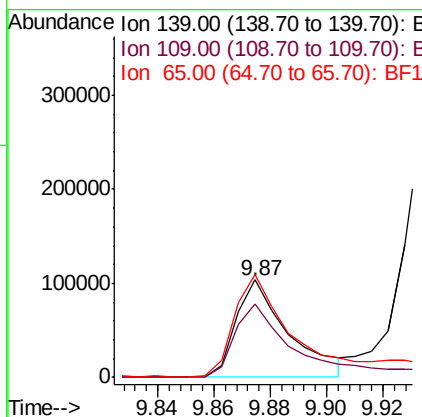
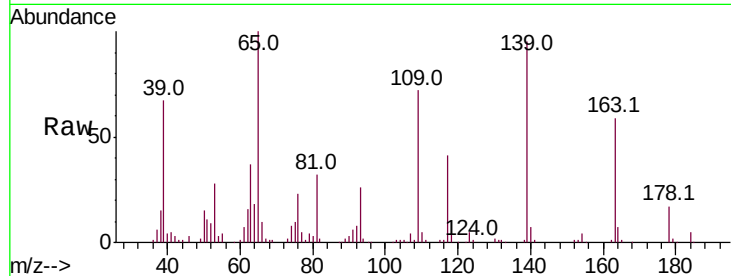
#55
4-Nitrophenol
Concen: 73.014 ng
RT: 9.87 min Scan# 1324
Delta R.T. -0.00 min
Lab File: BF109694.D
Acq: 9 Oct 2018 14:50

Instrument :
BNA_F
ClientSampleId :
PB113600BS

Tot Ion	Ratio	Resp	Lower	Upper
139	100			
109	75.7	55.8	95.8	
65	105.3	77.9	117.9	

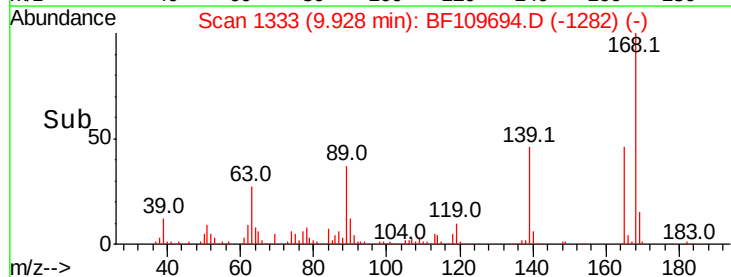
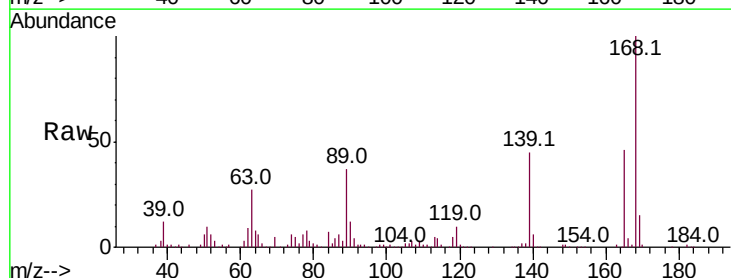
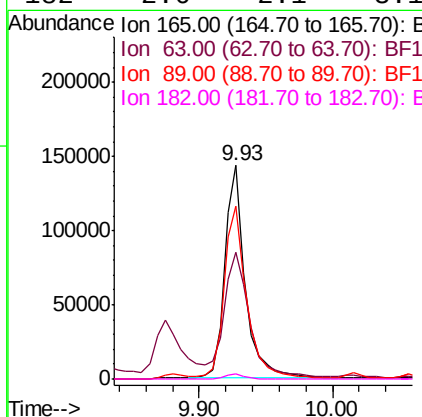
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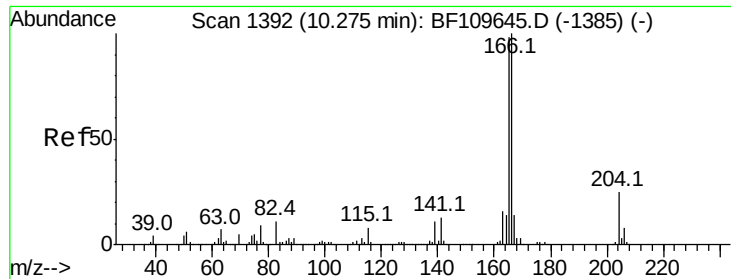
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#56
2,4-Dinitrotoluene
Concen: 41.368 ng
RT: 9.93 min Scan# 1333
Delta R.T. 0.00 min
Lab File: BF109694.D
Acq: 9 Oct 2018 14:50

Tgt Ion	Ratio	Resp	Lower	Upper
165	100			
63	59.5	44.8	67.2	
89	80.6	62.2	93.4	
182	2.6	2.1	3.1	





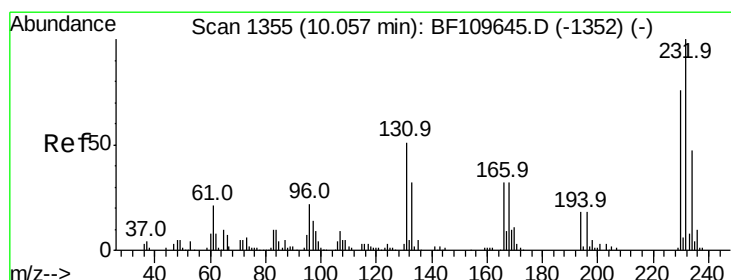
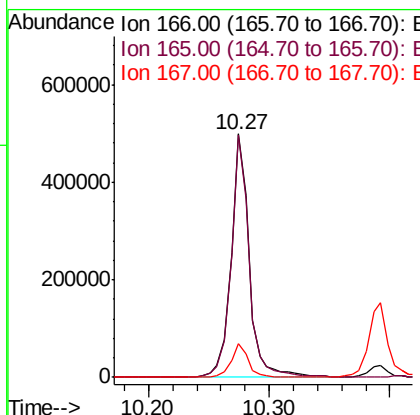
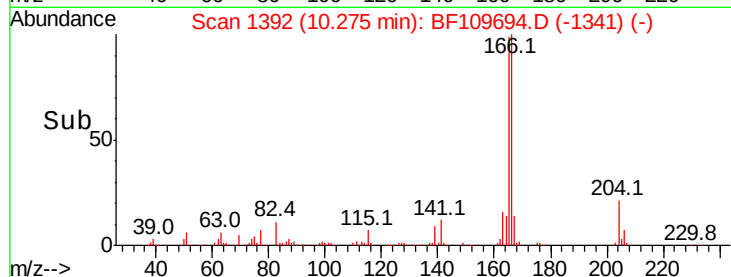
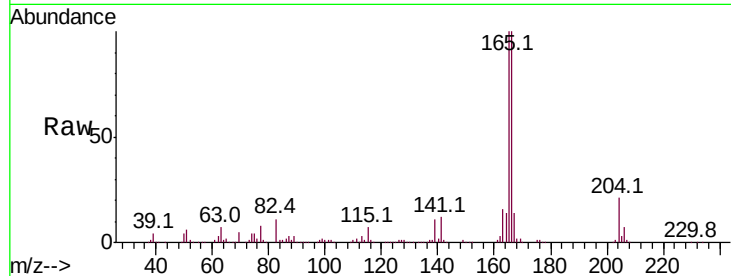
#57
Fluorene
Concen: 43.208 ng
RT: 10.27 min Scan# 1392
Delta R.T. 0.00 min
Lab File: BF109694.D
Acq: 9 Oct 2018 14:50

Instrument :
BNA_F
ClientSampleId :
PB113600BS

Tot Ion	Ratio	Resp	Lower	Upper
166	100	525239		
165	99.6	78.6	117.8	
167	13.6	10.8	16.2	

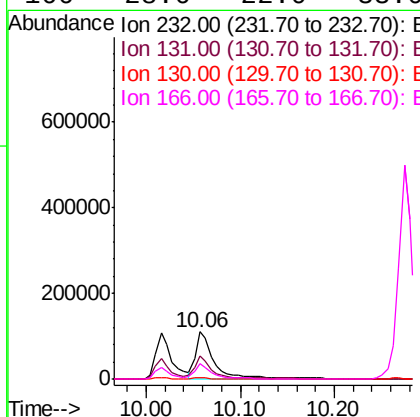
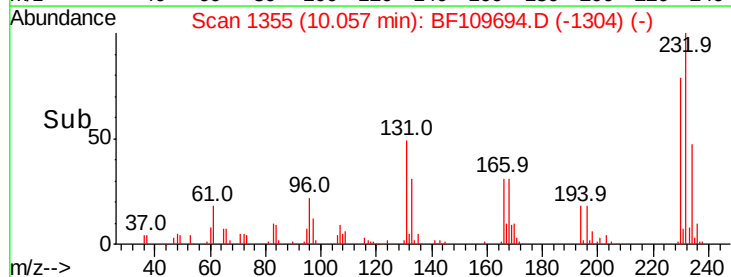
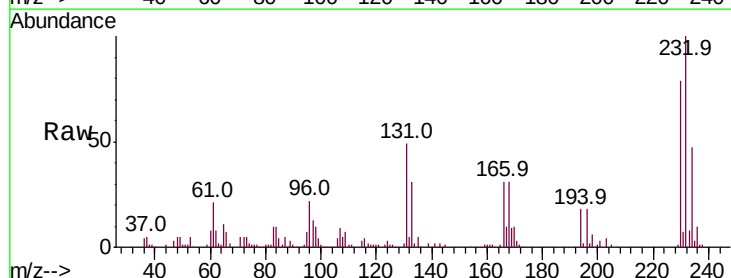
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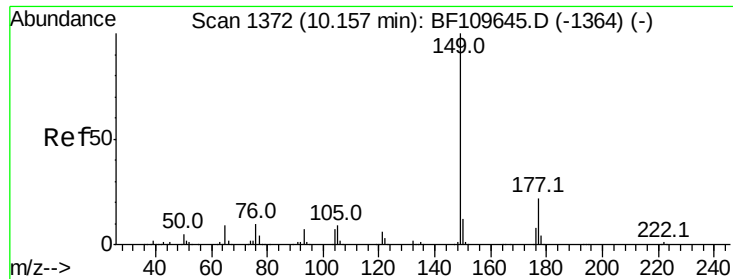
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#58
2,3,4,6-Tetrachlorophenol
Concen: 41.450 ng
RT: 10.06 min Scan# 1355
Delta R.T. 0.00 min
Lab File: BF109694.D
Acq: 9 Oct 2018 14:50

Tgt Ion	Ratio	Resp	Lower	Upper
232	100	148007		
131	44.2	37.0	55.4	
130	2.1	1.8	2.6	
166	28.6	22.0	33.0	





#59

Diethylphthalate

Concen: 41.004 ng

RT: 10.16 min Scan# 1372

Delta R.T. -0.00 min

Lab File: BF109694.D

Acq: 9 Oct 2018 14:50

Instrument :

BNA_F

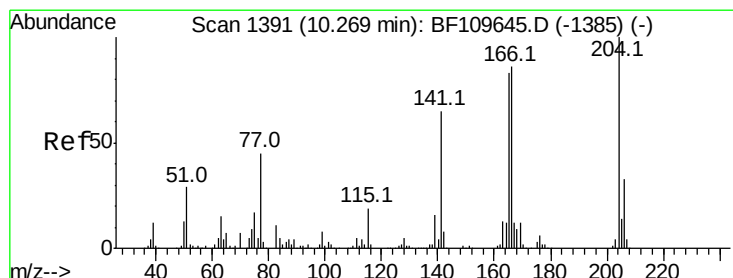
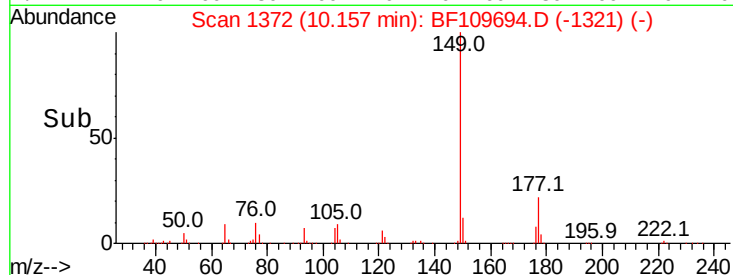
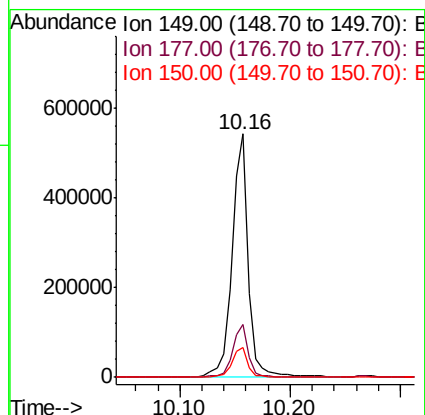
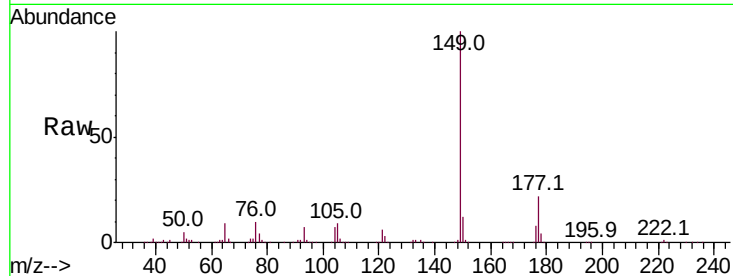
ClientSampleId :

PB113600BS

Tot Ion:	149	Resp:	559412
Ion Ratio	Lower	Upper	
149	100		
177	21.6	17.4	26.2
150	12.1	9.8	14.8

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#60

4-Chlorophenyl-phenylether

Concen: 39.111 ng

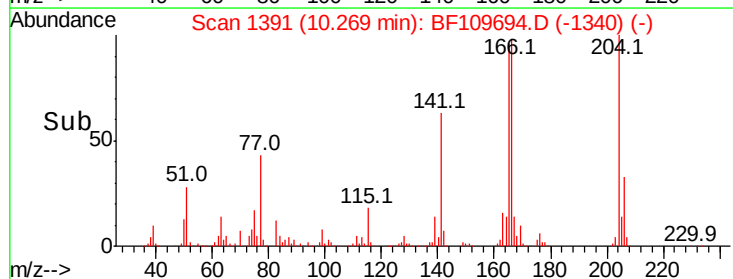
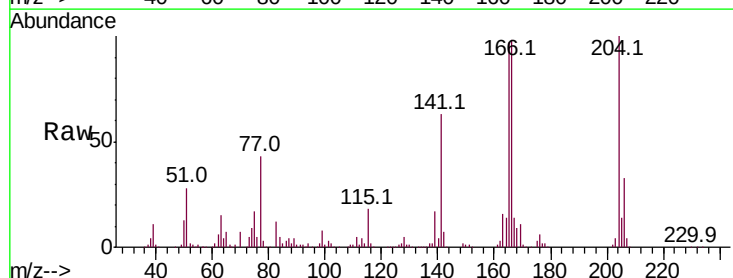
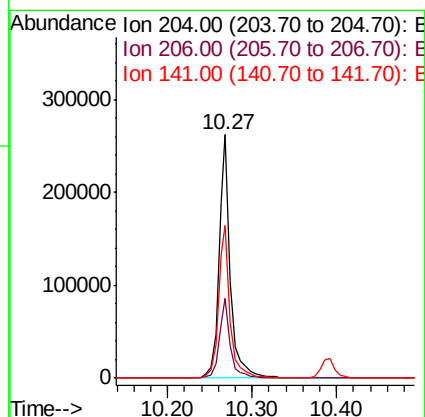
RT: 10.27 min Scan# 1391

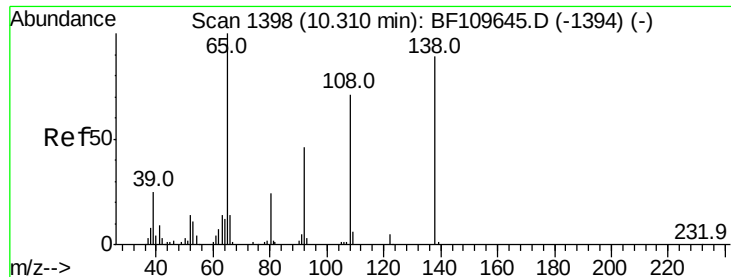
Delta R.T. 0.00 min

Lab File: BF109694.D

Acq: 9 Oct 2018 14:50

Tgt Ion:	204	Resp:	250824
Ion Ratio	Lower	Upper	
204	100		
206	32.7	26.5	39.7
141	62.7	51.8	77.8





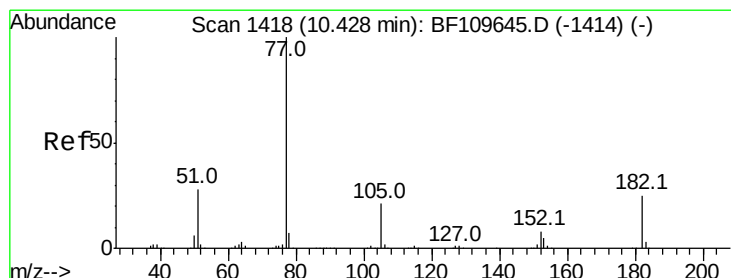
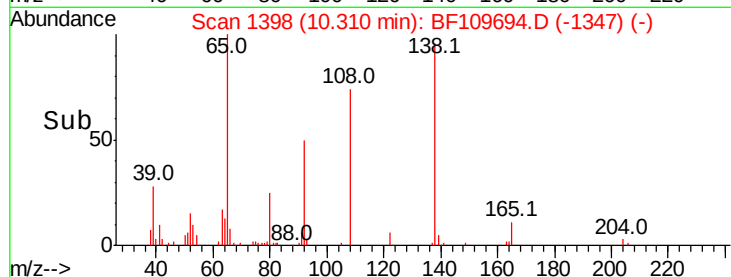
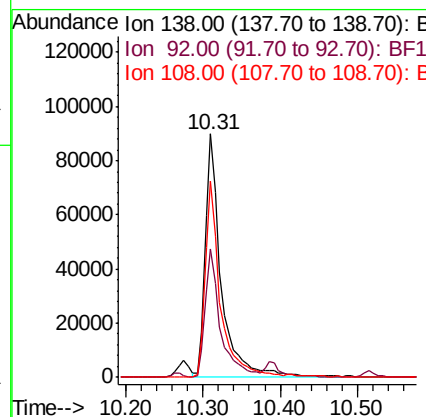
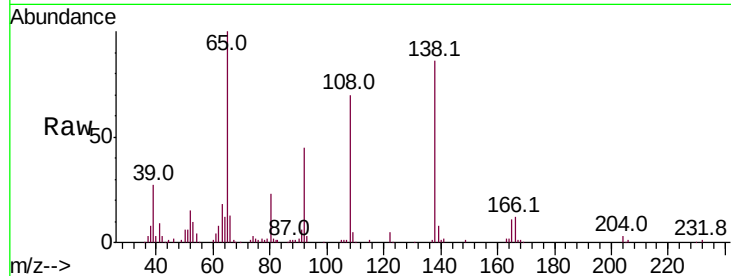
#61
4-Nitroaniline
Concen: 41.444 ng
RT: 10.31 min Scan# 1398
Delta R.T. -0.00 min
Lab File: BF109694.D
Acq: 9 Oct 2018 14:50

Instrument :
BNA_F
ClientSampleId :
PB113600BS

Tot Ion	Ratio	Lower	Upper
138	100		
92	52.7	31.7	71.7
108	80.8	59.3	99.3

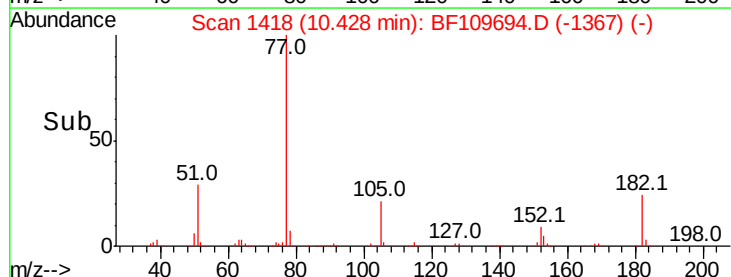
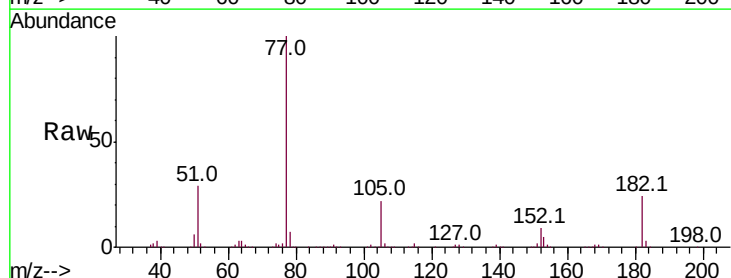
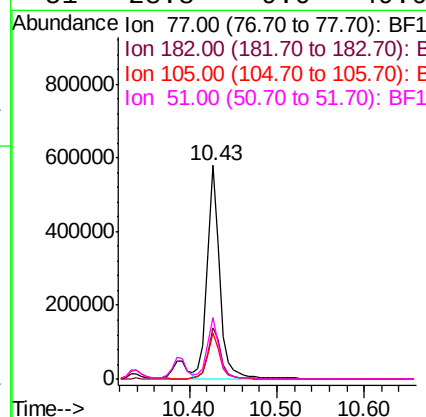
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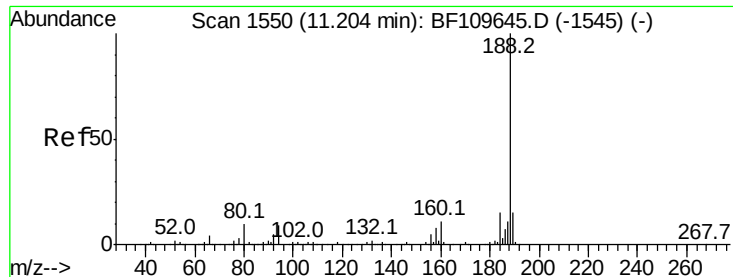
Sohil
10/10/2018 11:37:00 AM



#62
Azobenzene
Concen: 41.970 ng
RT: 10.43 min Scan# 1418
Delta R.T. 0.00 min
Lab File: BF109694.D
Acq: 9 Oct 2018 14:50

Tgt Ion	Ratio	Lower	Upper
77	100		
182	24.2	4.3	44.3
105	21.6	1.3	41.3
51	28.8	9.0	49.0





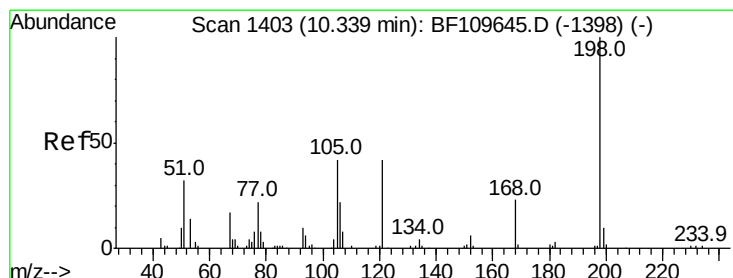
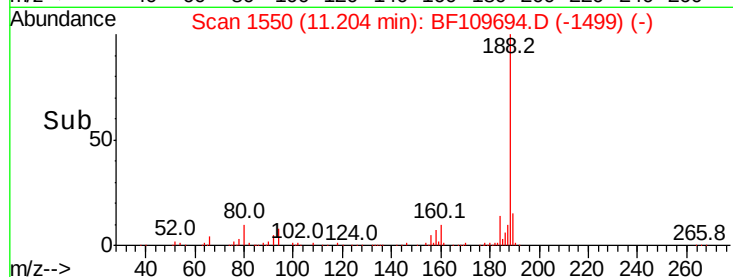
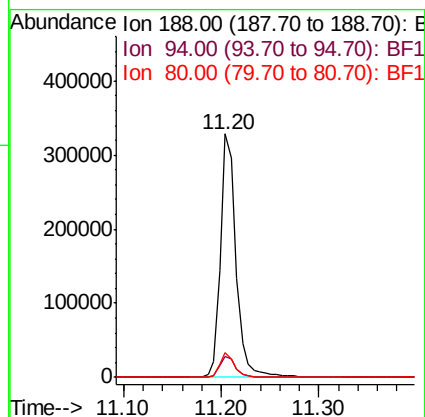
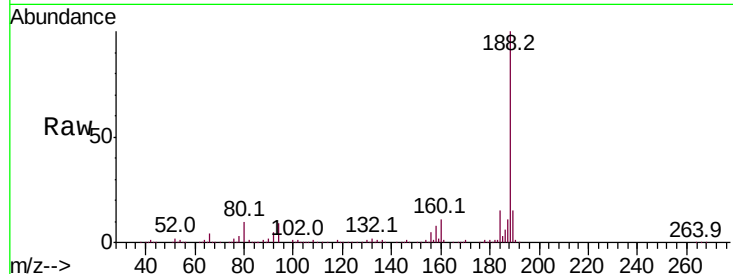
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.20 min Scan# 1550
Delta R.T. 0.00 min
Lab File: BF109694.D
Acq: 9 Oct 2018 14:50

Instrument :
BNA_F
ClientSampleId :
PB113600BS

Tot Ion	Ratio	Resp	Lower	Upper
188	100	365660		
94	8.7		7.2	10.8
80	9.9		7.9	11.9

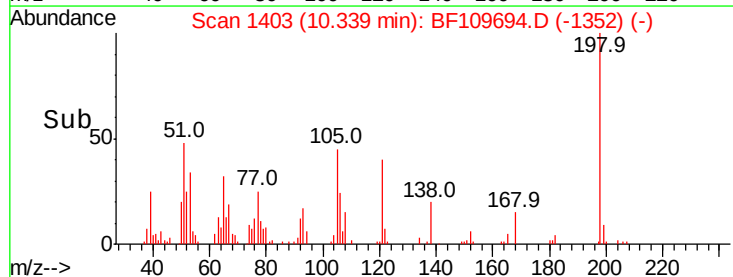
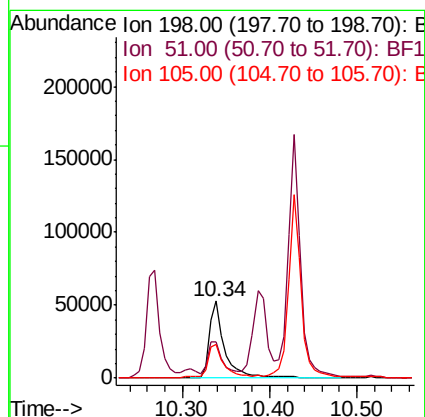
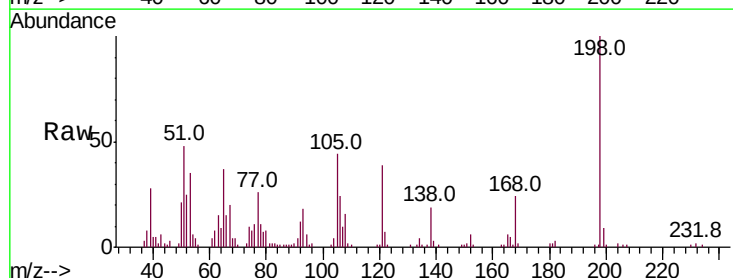
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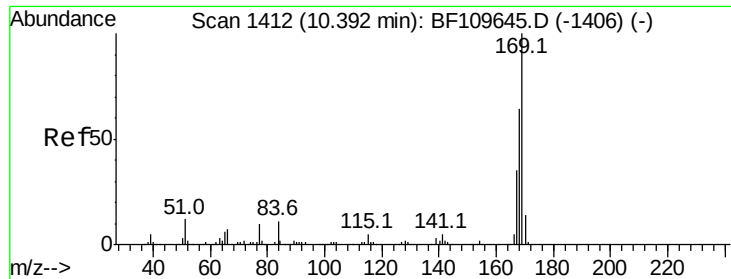
Sohil
10/10/2018 11:37:00 AM



#64
4,6-Dinitro-2-methylphenol
Concen: 36.844 ng
RT: 10.34 min Scan# 1403
Delta R.T. 0.00 min
Lab File: BF109694.D
Acq: 9 Oct 2018 14:50

Tgt Ion	Ratio	Resp	Lower	Upper
198	100	65574		
51	47.8		22.8	62.8
105	44.3		23.6	63.6





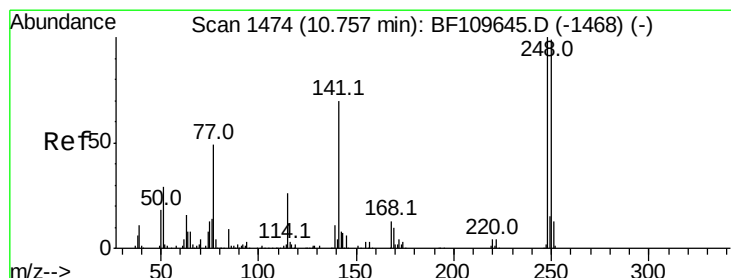
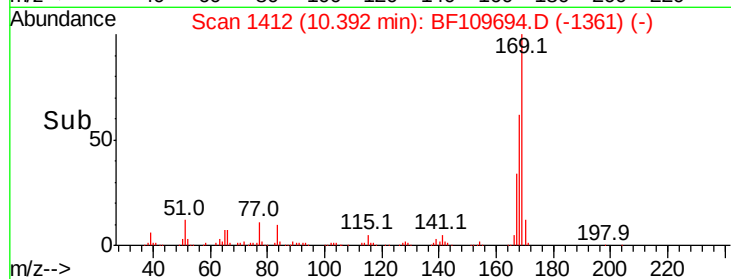
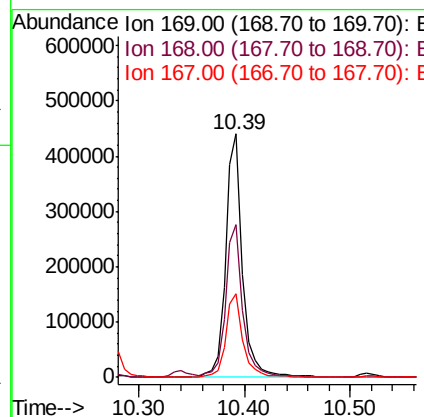
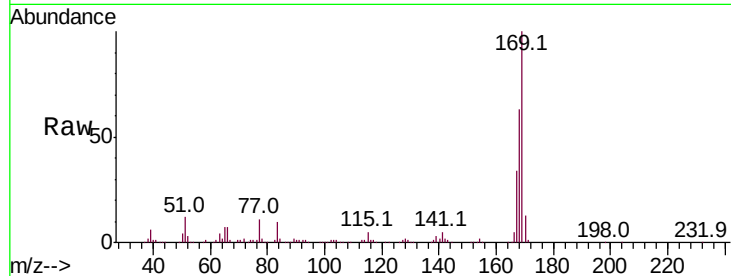
#65
 n-Nitrosodiphenylamine
 Concen: 39.033 ng
 RT: 10.39 min Scan# 1412
 Delta R.T. -0.00 min
 Lab File: BF109694.D
 Acq: 9 Oct 2018 14:50

Instrument :
 BNA_F
 ClientSampleId :
 PB113600BS

Tot Ion	Ratio	Lower	Upper
169	100		
168	62.7	51.2	76.8
167	34.5	27.8	41.6

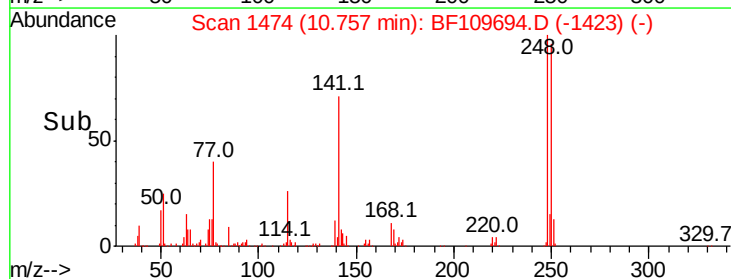
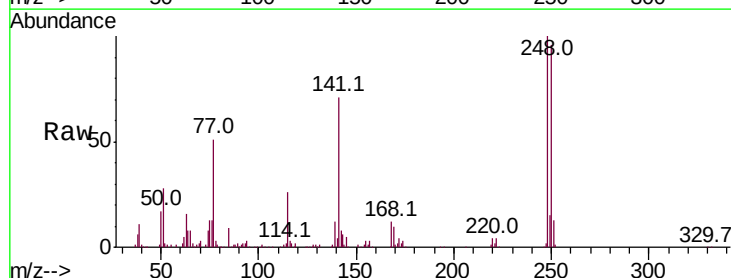
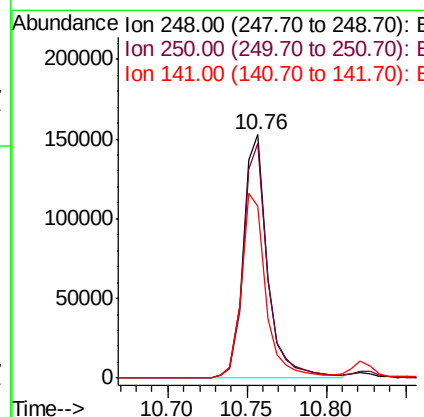
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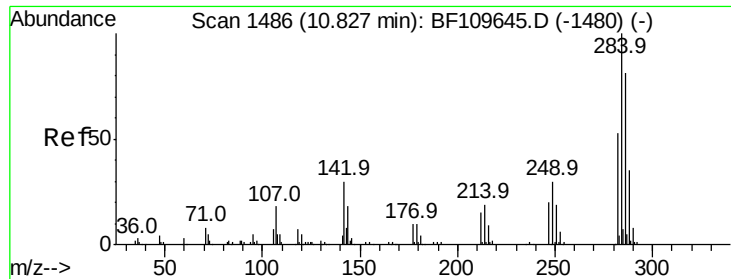
Sohil
 10/10/2018 11:37:00 AM



#66
 4-Bromophenyl-phenylether
 Concen: 38.900 ng
 RT: 10.76 min Scan# 1474
 Delta R.T. -0.00 min
 Lab File: BF109694.D
 Acq: 9 Oct 2018 14:50

Tgt Ion	Ratio	Lower	Upper
248	100		
250	96.5	79.4	119.2
141	70.6	55.9	83.9





#67

Hexachlorobenzene

Concen: 38.120 ng

RT: 10.82 min Scan# 1485

Delta R.T. -0.01 min

Lab File: BF109694.D

Acq: 9 Oct 2018 14:50

Instrument :

BNA_F

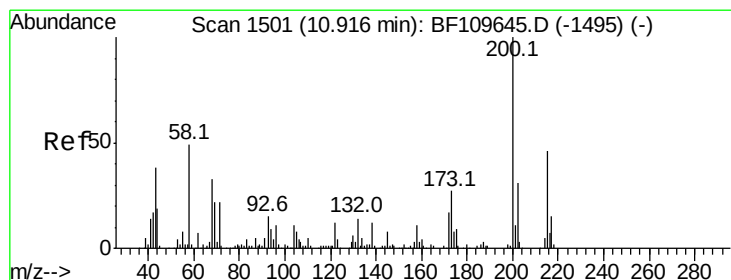
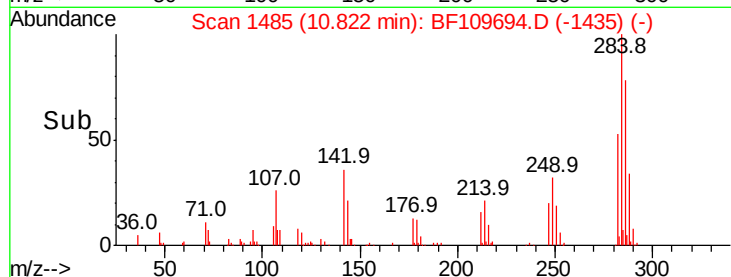
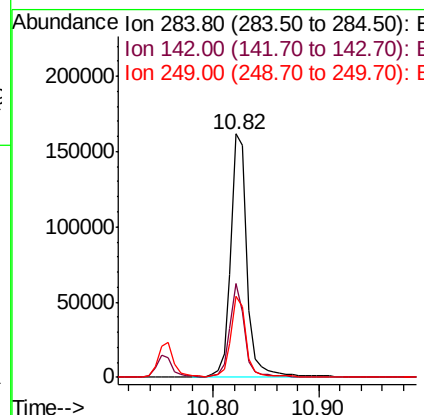
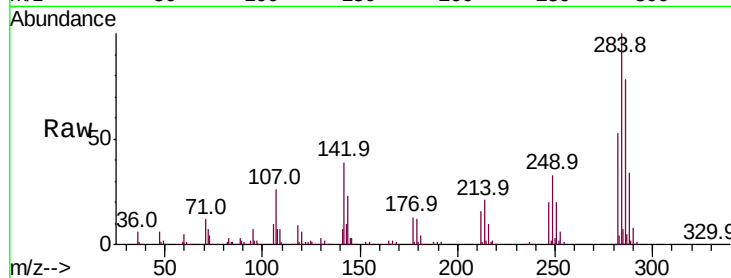
ClientSampleId :

PB113600BS

Tot Ion	Ratio	Resp	Lower	Upper
284	100			
142	38.7	23.9	35.9#	
249	33.0	24.2	36.2	

Manual Integrations
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Sohil
10/10/2018 11:37:00 AM



#68

Atrazine

Concen: 40.459 ng

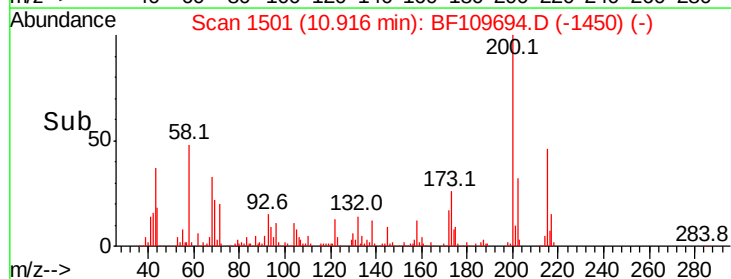
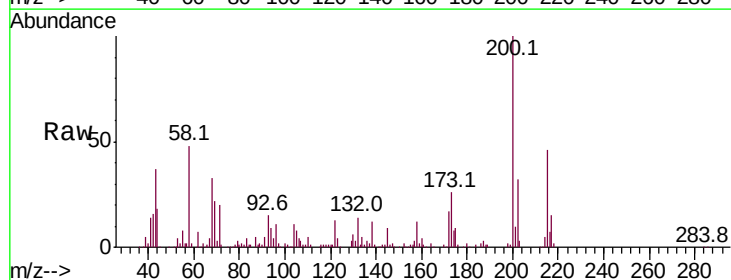
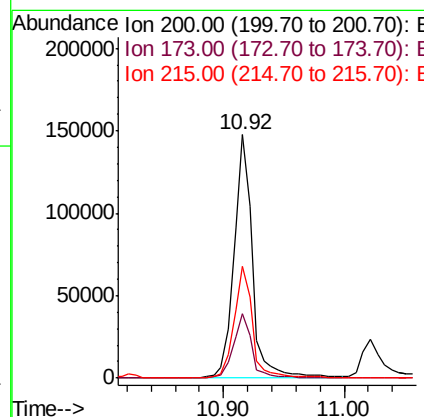
RT: 10.92 min Scan# 1501

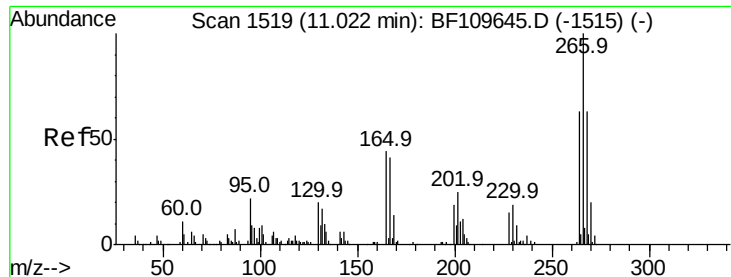
Delta R.T. 0.00 min

Lab File: BF109694.D

Acq: 9 Oct 2018 14:50

Tgt Ion	Ratio	Resp	Lower	Upper
200	100			
173	26.3	6.6	46.6	
215	45.7	26.3	66.3	





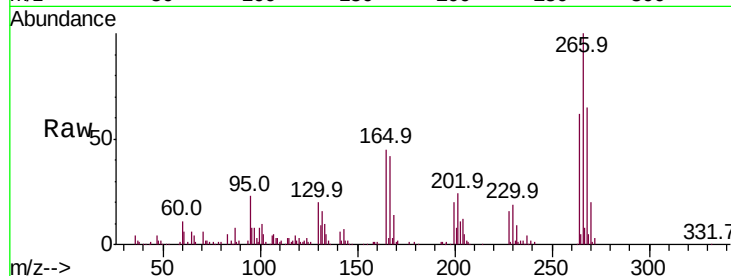
#69
 Pentachlorophenol
 Concen: 66.110 ng
 RT: 11.02 min Scan# 1519
 Delta R.T. -0.00 min
 Lab File: BF109694.D
 Acq: 9 Oct 2018 14:50

Instrument :
 BNA_F
 ClientSampleId :
 PB113600BS

Tot Ion	Ratio	Resp	Lower	Upper
266	100	169245		
268	65.4	50.6	75.8	
264	62.5	50.6	75.8	

Manual Integrations
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 10/10/2018 11:37:00 AM

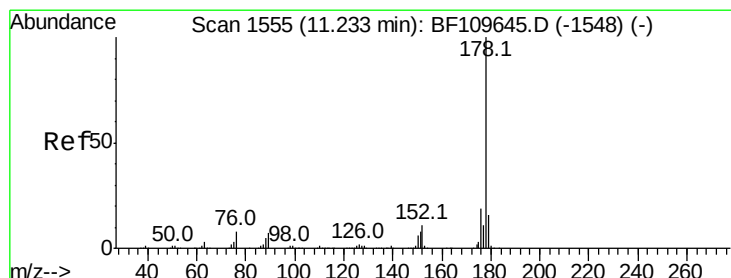
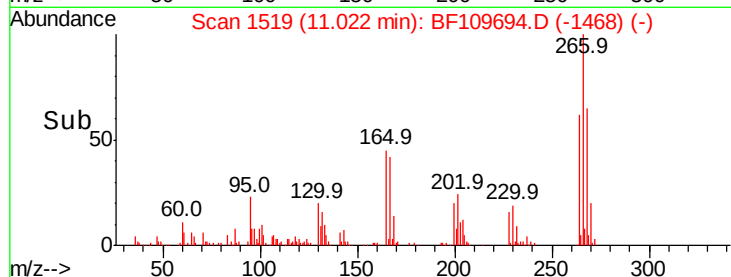
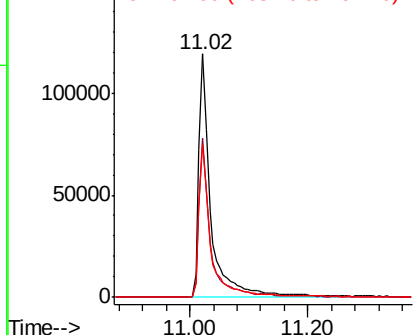


Abundance

Ion 265.70 (265.40 to 266.40): E

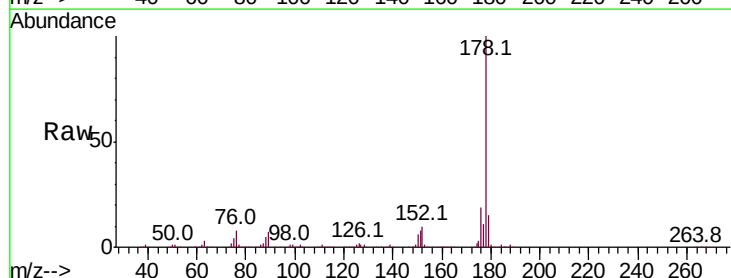
Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E



#70
 Phenanthrene
 Concen: 42.321 ng
 RT: 11.23 min Scan# 1555
 Delta R.T. -0.00 min
 Lab File: BF109694.D
 Acq: 9 Oct 2018 14:50

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	774438		
176	19.5	15.5	23.3	
179	14.9	12.5	18.7	

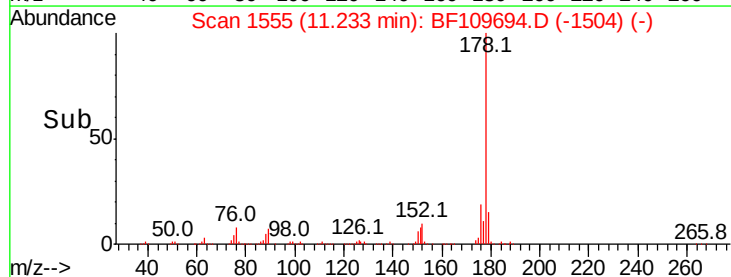
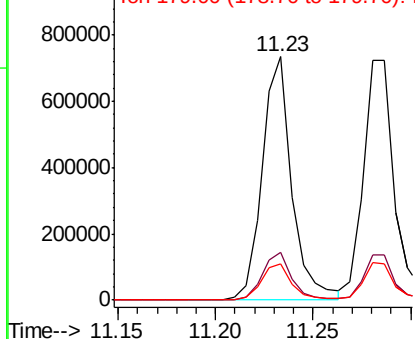


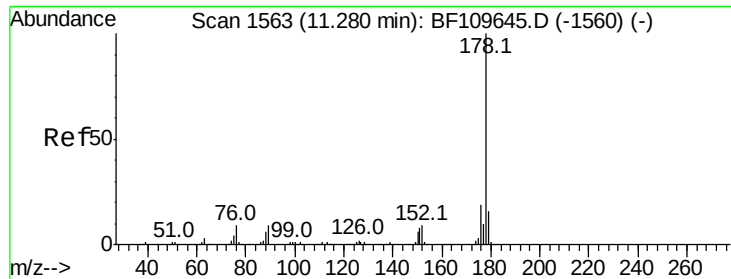
Abundance

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





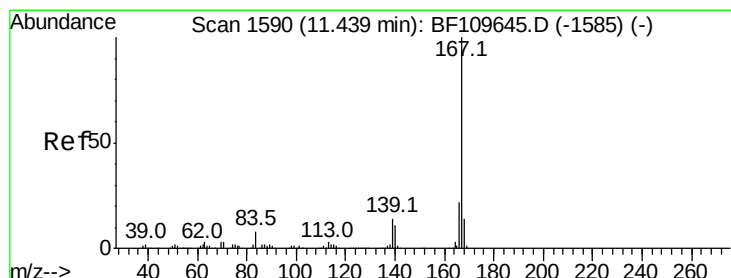
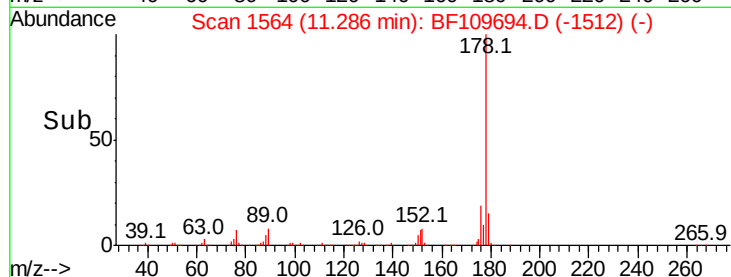
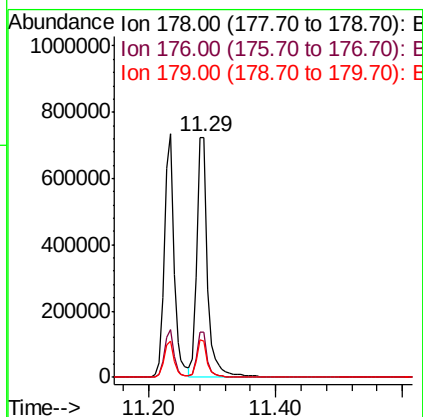
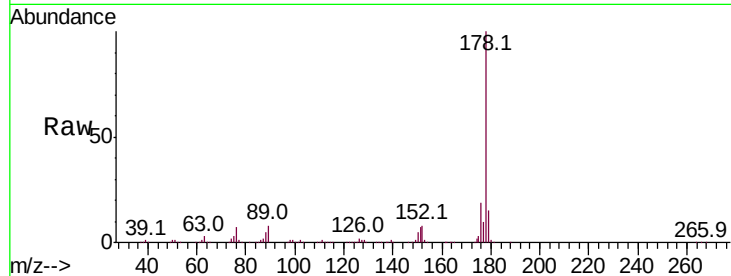
#71
 Anthracene
 Concen: 44.253 ng
 RT: 11.29 min Scan# 1564
 Delta R.T. 0.01 min
 Lab File: BF109694.D
 Acq: 9 Oct 2018 14:50

Instrument :
 BNA_F
 ClientSampleId :
 PB113600BS

Tot Ion	Ratio	Lower	Upper
178	100		
176	18.9	15.4	23.2
179	14.9	12.6	18.8

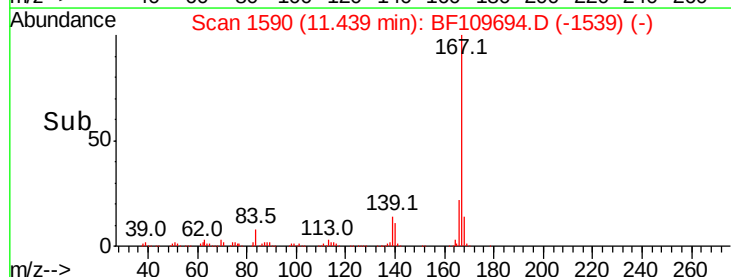
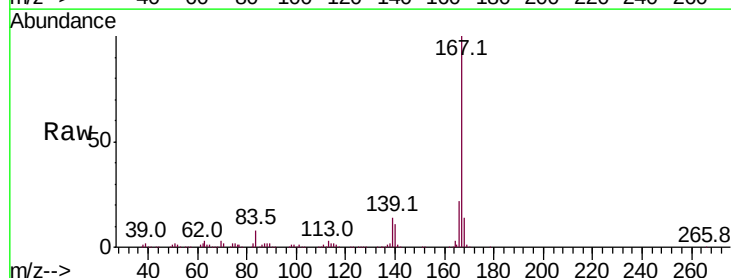
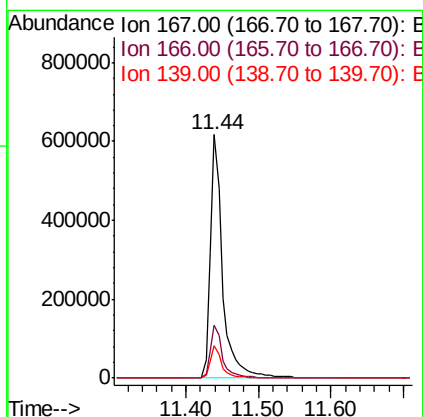
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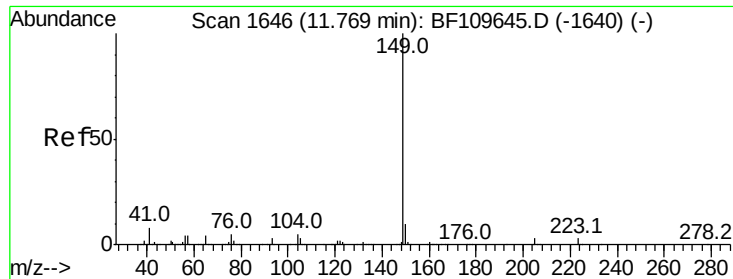
Sohil
 10/10/2018 11:37:00 AM



#72
 Carbazole
 Concen: 39.484 ng
 RT: 11.44 min Scan# 1590
 Delta R.T. -0.00 min
 Lab File: BF109694.D
 Acq: 9 Oct 2018 14:50

Tgt Ion	Ratio	Lower	Upper
167	100		
166	21.9	17.4	26.0
139	13.5	10.9	16.3





#73

Di-n-butylphthalate

Concen: 40.592 ng

RT: 11.77 min Scan# 1646

Delta R.T. 0.00 min

Lab File: BF109694.D

Acq: 9 Oct 2018 14:50

Instrument :

BNA_F

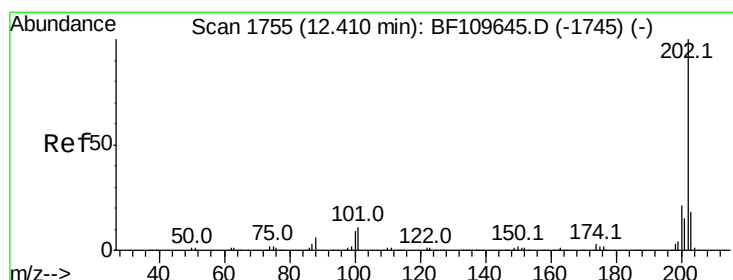
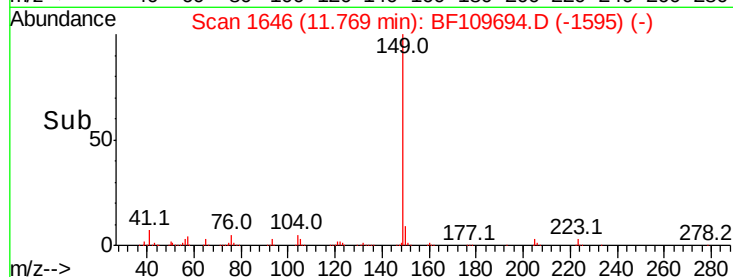
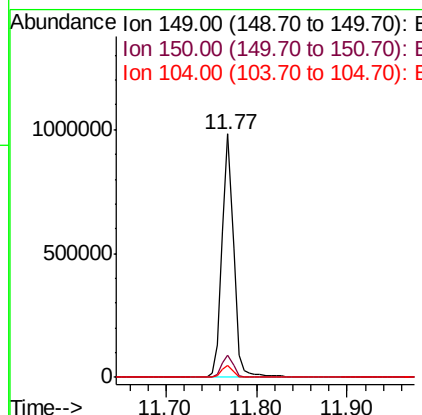
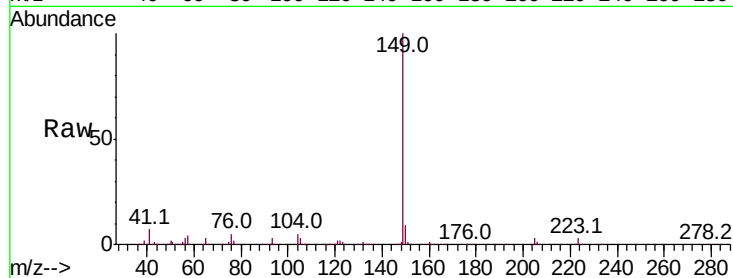
ClientSampleId :

PB113600BS

Tot Ion:	149	Resp:	863752
Ion Ratio	Lower	Upper	
149	100		
150	9.3	7.7	11.5
104	5.2	4.2	6.4

Manual Integrations
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10/10/2018 11:37:00 AM



#74

Fluoranthene

Concen: 43.296 ng

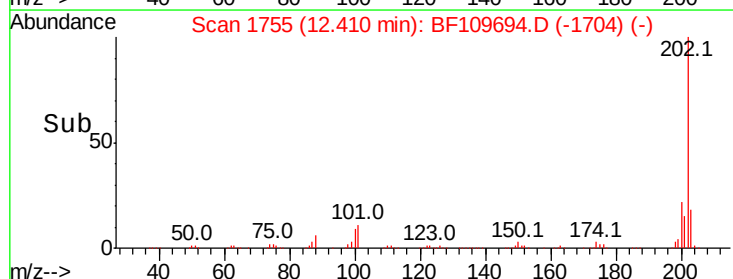
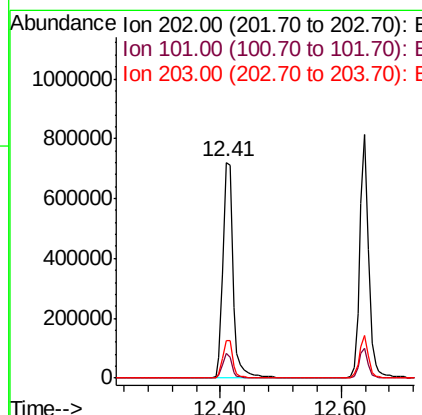
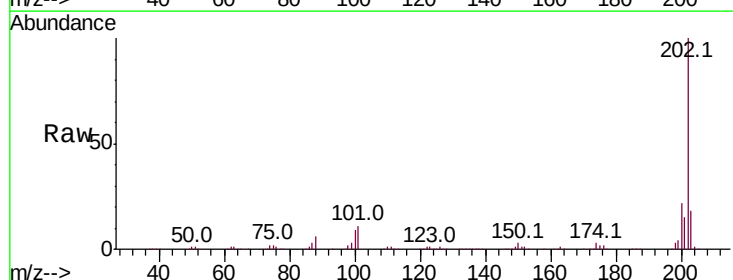
RT: 12.41 min Scan# 1755

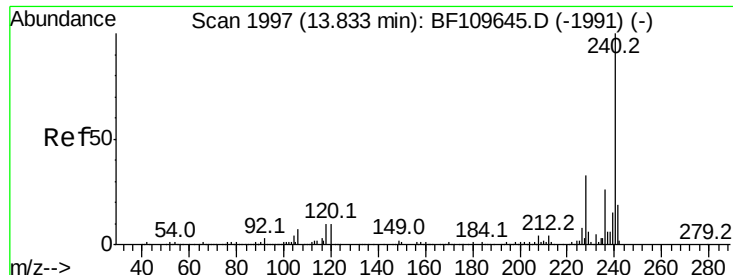
Delta R.T. -0.00 min

Lab File: BF109694.D

Acq: 9 Oct 2018 14:50

Tgt Ion:	202	Resp:	827679
Ion Ratio	Lower	Upper	
202	100		
101	11.4	0.0	31.4
203	17.7	0.0	37.7





#75

Chrysene-d12

Concen: 20.000 ng

RT: 13.84 min Scan# 1998

Delta R.T. 0.01 min

Lab File: BF109694.D

Acq: 9 Oct 2018 14:50

Instrument :

BNA_F

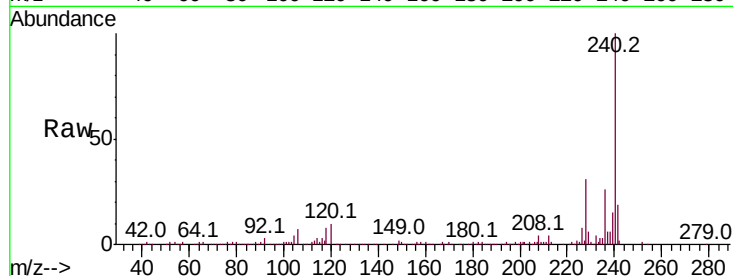
ClientSampleId :

PB113600BS

Tot Ion	Ratio	Lower	Upper
240	100		
120	10.0	8.3	12.5
236	26.4	21.2	31.8

Manual Integrations
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Sohil
10/10/2018 11:37:00 AM

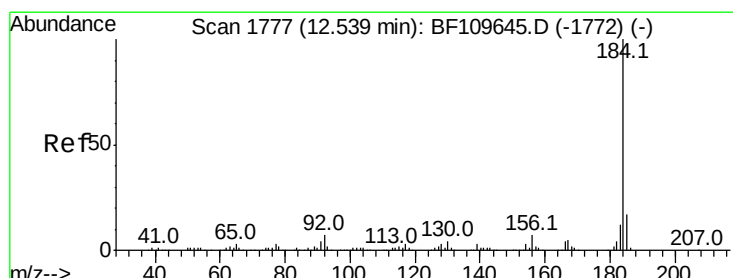
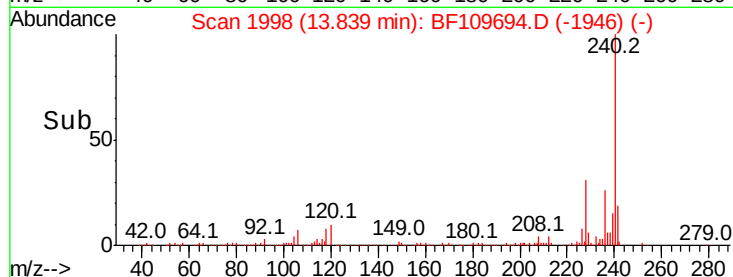
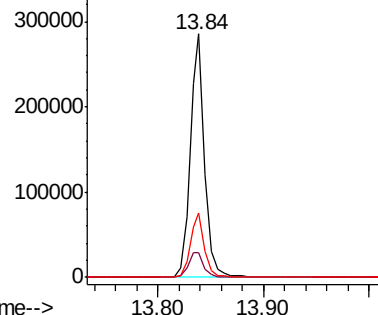


Abundance

Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 40.201 ng

RT: 12.54 min Scan# 1777

Delta R.T. -0.00 min

Lab File: BF109694.D

Acq: 9 Oct 2018 14:50

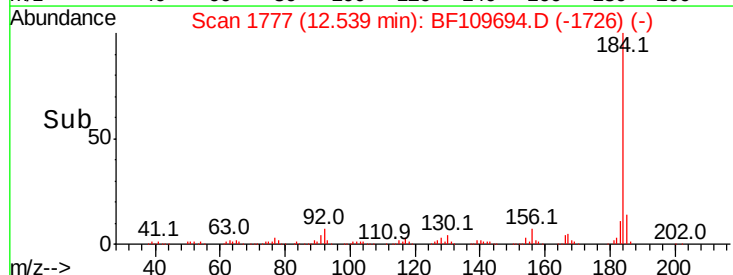
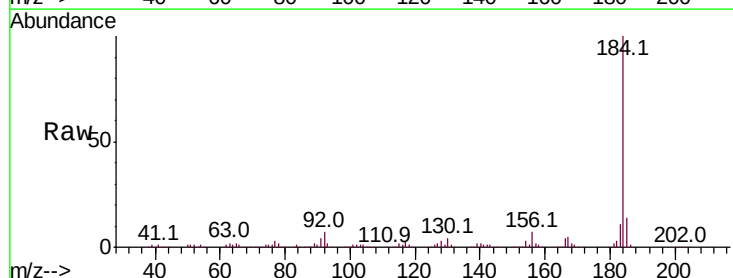
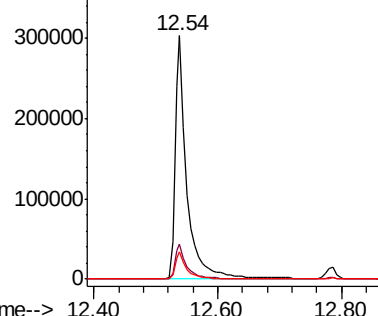
Tgt Ion	Ratio	Lower	Upper
184	100		
185	14.4	13.4	20.2
183	11.4	9.4	14.2

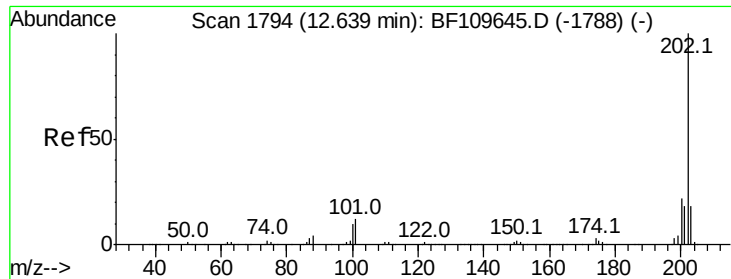
Abundance

Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pvrene

Concen: 41.128 ng

RT: 12.64 min Scan# 1794

Delta R.T. 0.00 min

Lab File: BF109694.D

Acq: 9 Oct 2018 14:50

Instrument :

BNA_F

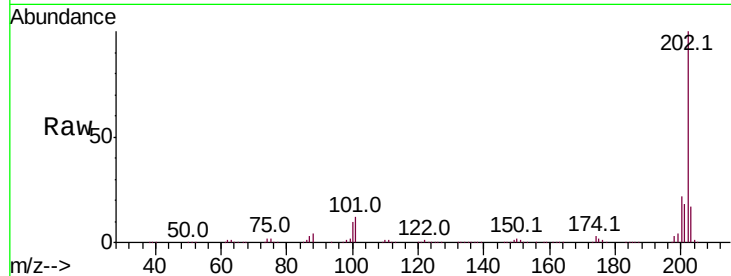
ClientSampleID :

PB113600BS

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

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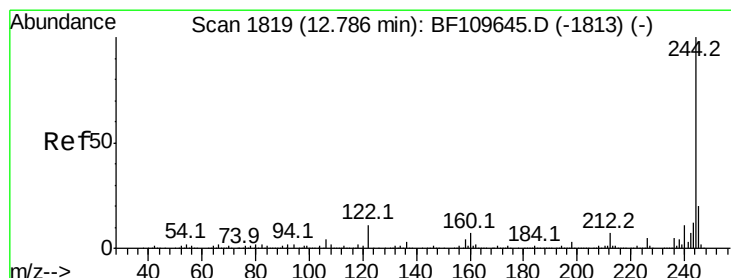
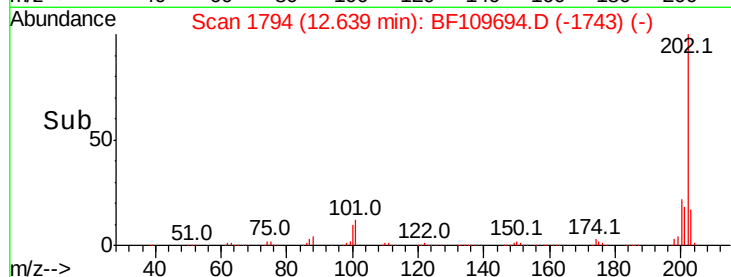
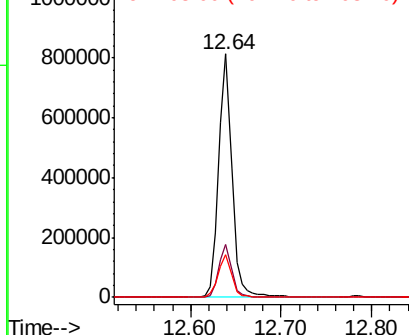


Abundance

Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#78

Terphenyl-d14

Concen: 78.128 ng

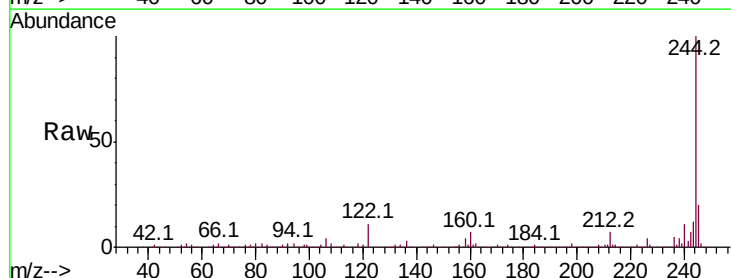
RT: 12.79 min Scan# 1819

Delta R.T. 0.00 min

Lab File: BF109694.D

Acq: 9 Oct 2018 14:50

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.3	5.8	8.8
122	10.7	8.7	13.1

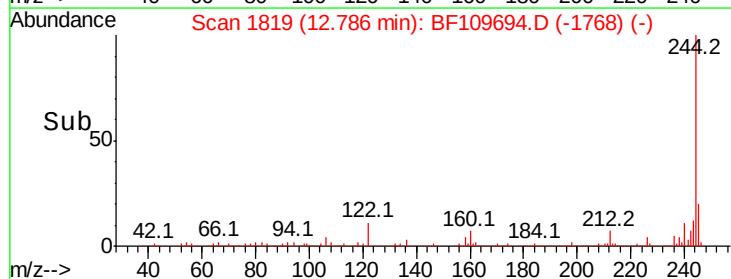
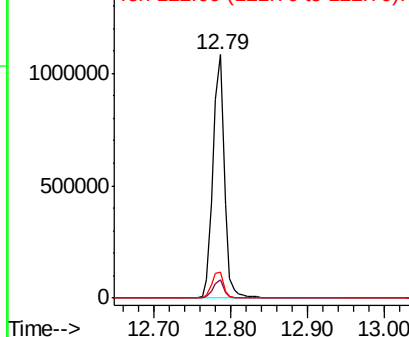


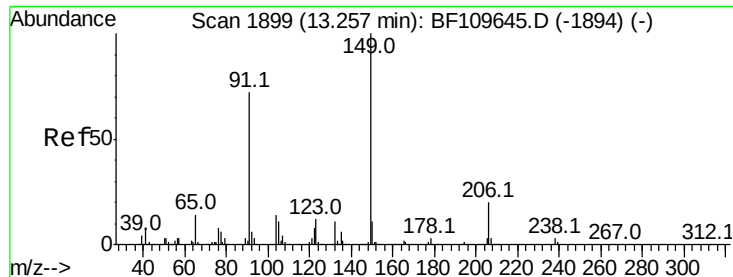
Abundance

Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





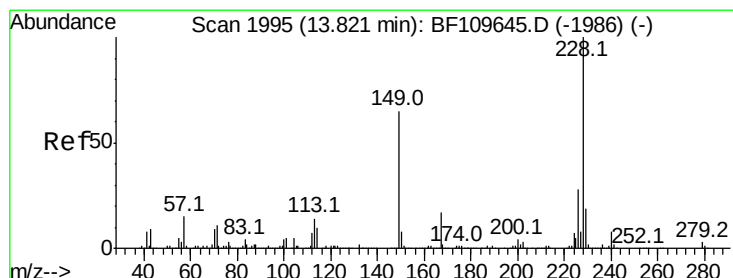
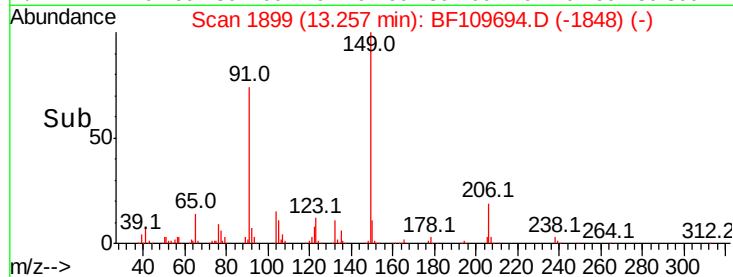
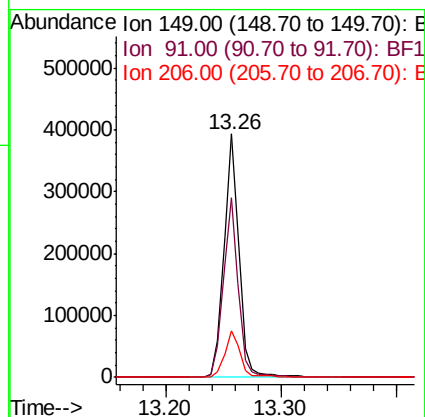
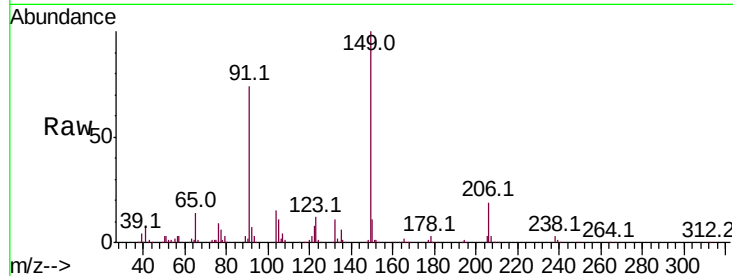
#79
Butylbenzylphthalate
Concen: 41.418 ng
RT: 13.26 min Scan# 1899
Delta R.T. -0.00 min
Lab File: BF109694.D
Acq: 9 Oct 2018 14:50

Instrument :
BNA_F
ClientSampleID :
PB113600BS

Tot Ion	Ratio	Lower	Upper
149	100		
91	74.0	57.2	85.8
206	19.1	15.7	23.5

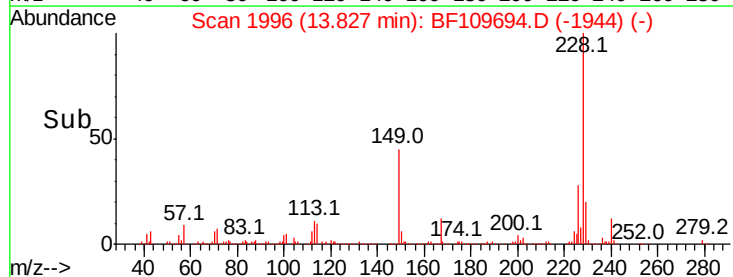
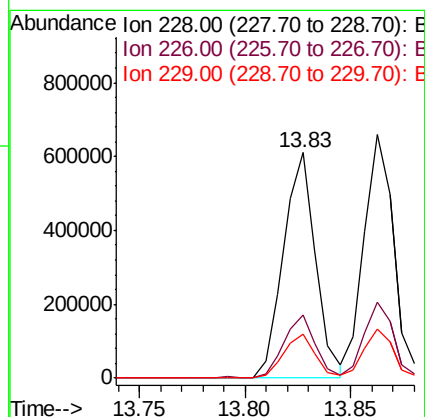
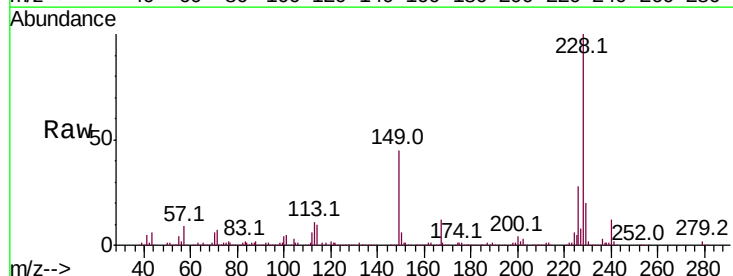
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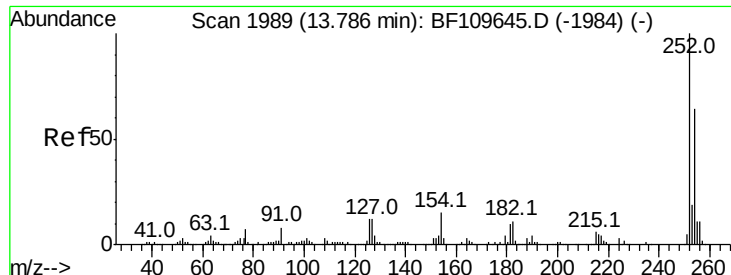
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#80
Benzo(a)anthracene
Concen: 43.037 ng
RT: 13.83 min Scan# 1996
Delta R.T. 0.01 min
Lab File: BF109694.D
Acq: 9 Oct 2018 14:50

Tgt Ion	Ratio	Lower	Upper
228	100		
226	28.2	22.1	33.1
229	19.6	15.6	23.4





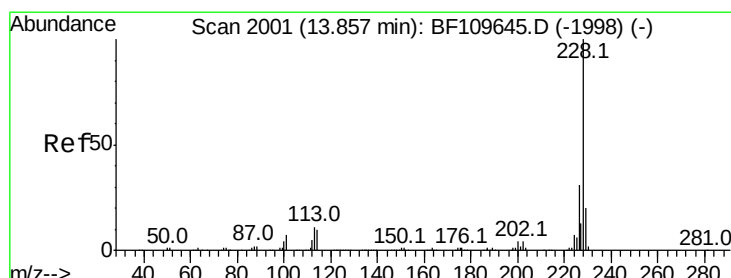
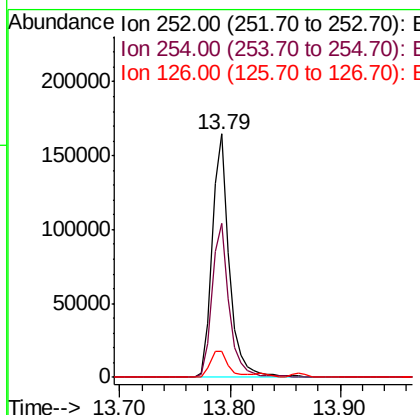
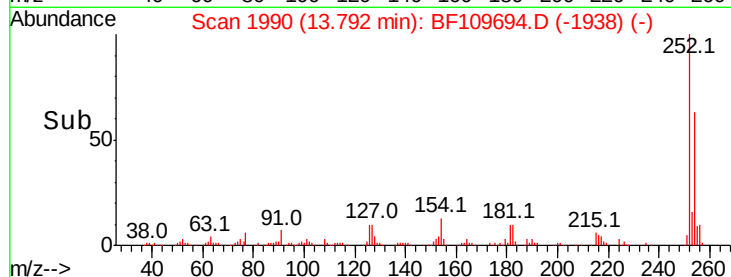
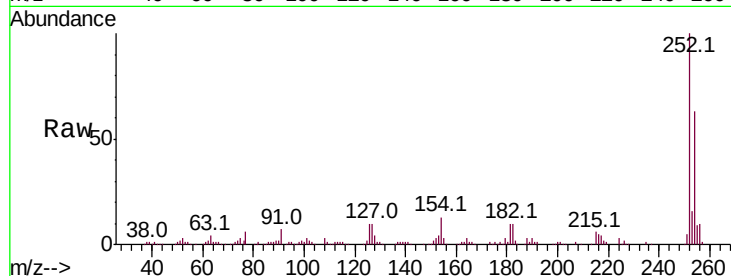
#81
 3,3'-Dichlorobenzidine
 Concen: 28.617 ng
 RT: 13.79 min Scan# 1990
 Delta R.T. 0.01 min
 Lab File: BF109694.D
 Acq: 9 Oct 2018 14:50

Instrument :
 BNA_F
 ClientSampleId :
 PB113600BS

Tot Ion	Ratio	Resp	Lower	Upper
252	100	173483		
254	63.3	51.3	76.9	
126	10.4	9.4	14.2	

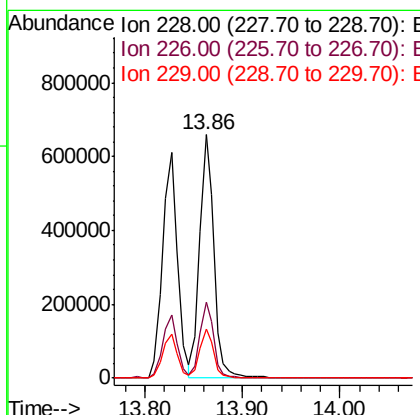
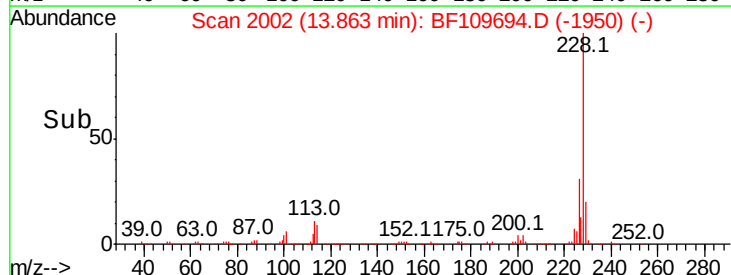
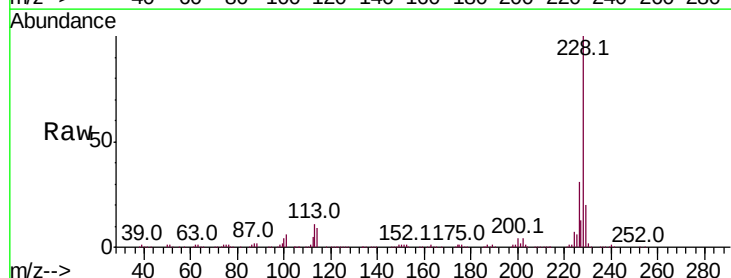
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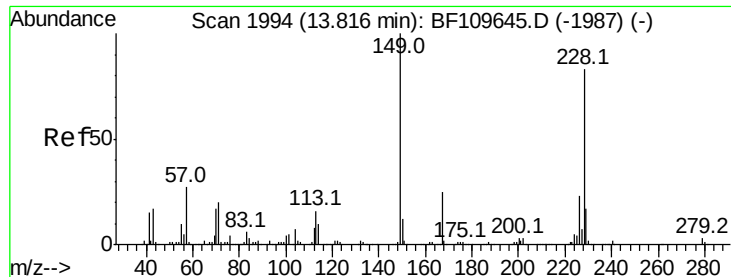
Sohil
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#82
 Chrysene
 Concen: 42.318 ng
 RT: 13.86 min Scan# 2002
 Delta R.T. 0.01 min
 Lab File: BF109694.D
 Acq: 9 Oct 2018 14:50

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	669222		
226	31.2	24.7	37.1	
229	20.0	15.9	23.9	





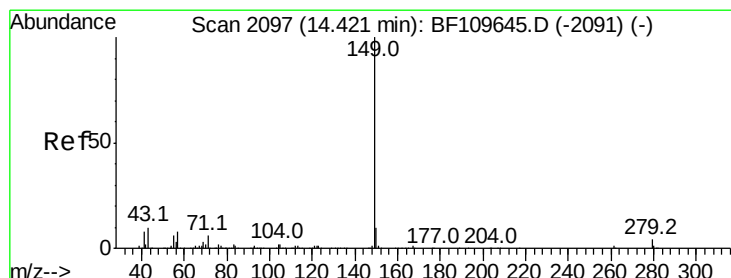
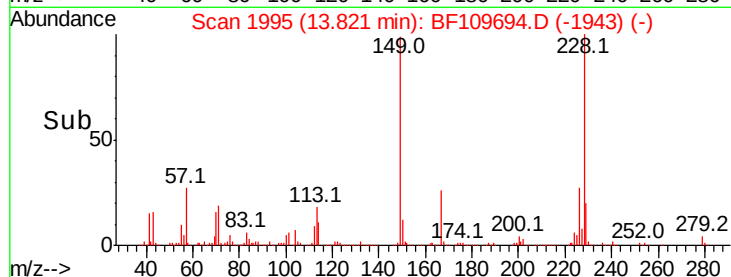
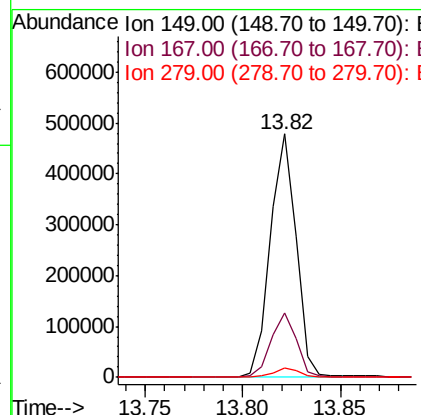
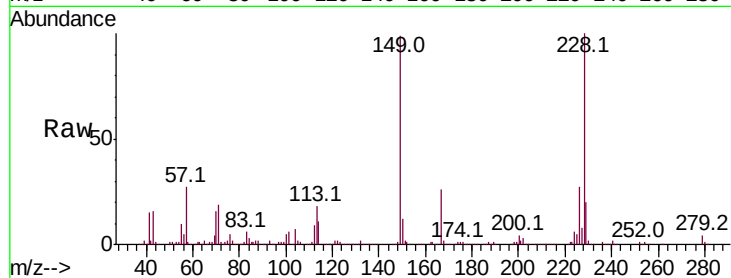
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 41.554 ng
 RT: 13.82 min Scan# 1995
 Delta R.T. 0.01 min
 Lab File: BF109694.D
 Acq: 9 Oct 2018 14:50

Instrument :
 BNA_F
 ClientSampleId :
 PB113600BS

Tot Ion	Ratio	Lower	Upper
149	100		
167	26.3	19.8	29.8
279	3.8	2.7	4.1

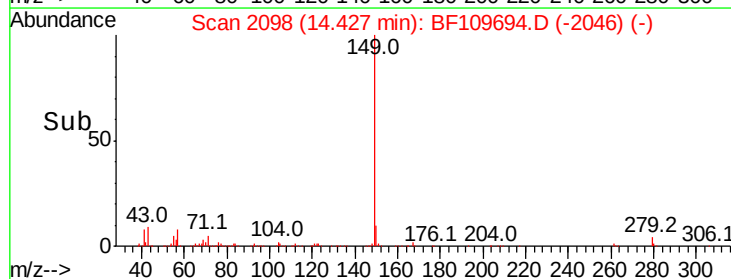
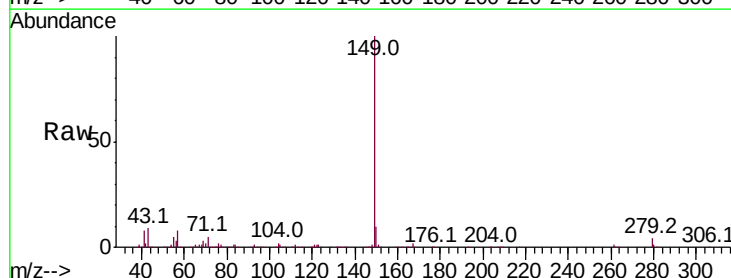
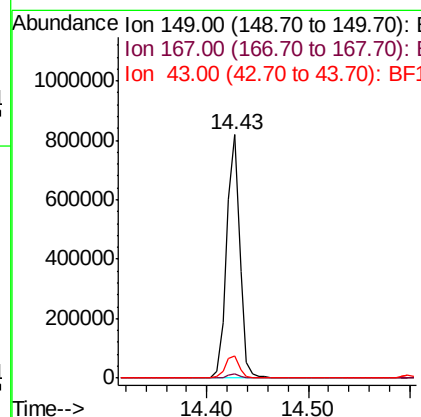
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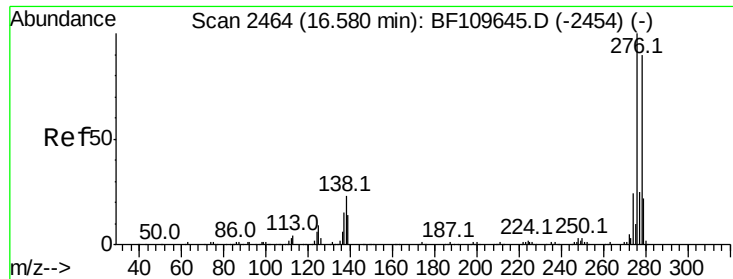
Sohil
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#84
 Di-n-octyl phthalate
 Concen: 43.998 ng
 RT: 14.43 min Scan# 2098
 Delta R.T. 0.01 min
 Lab File: BF109694.D
 Acq: 9 Oct 2018 14:50

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





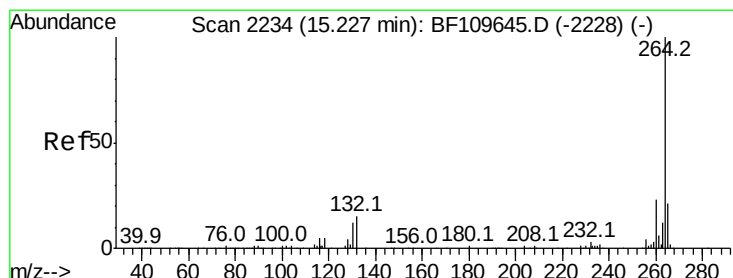
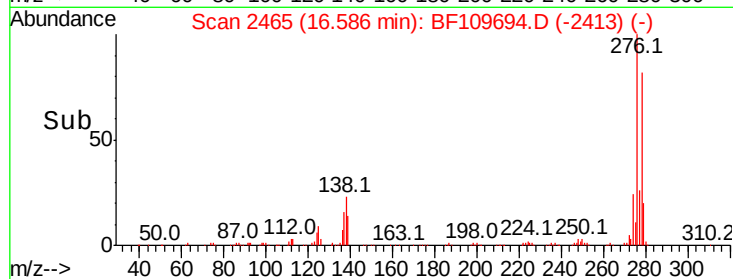
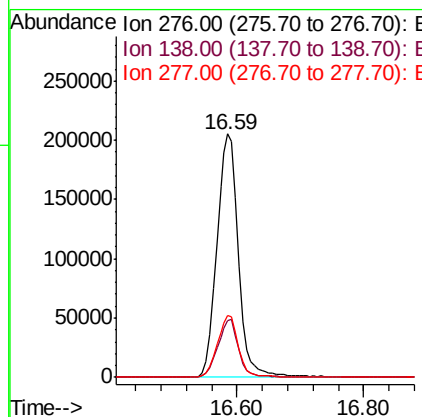
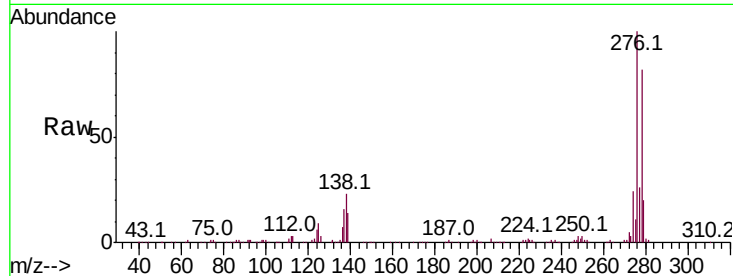
#85
Indeno(1,2,3-cd)pyrene
Concen: 43.139 ng
RT: 16.59 min Scan# 2465
Delta R.T. 0.01 min
Lab File: BF109694.D
Acq: 9 Oct 2018 14:50

Instrument :
BNA_F
ClientSampled :
PB113600BS

Tot Ion	Ratio	Lower	Upper
276	100		
138	22.8	18.5	27.7
277	24.7	20.0	30.0

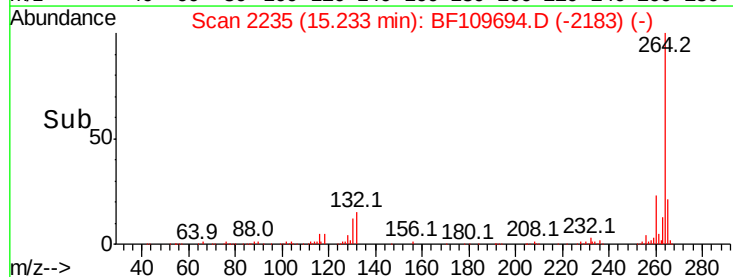
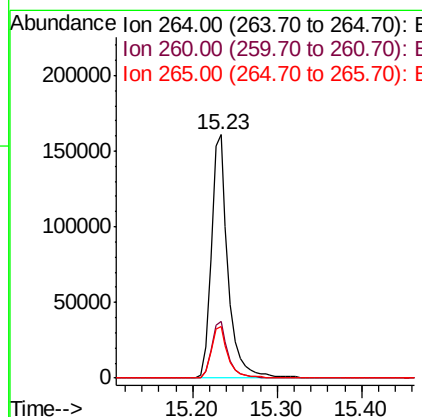
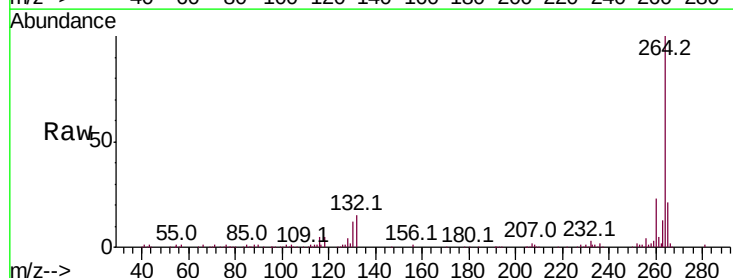
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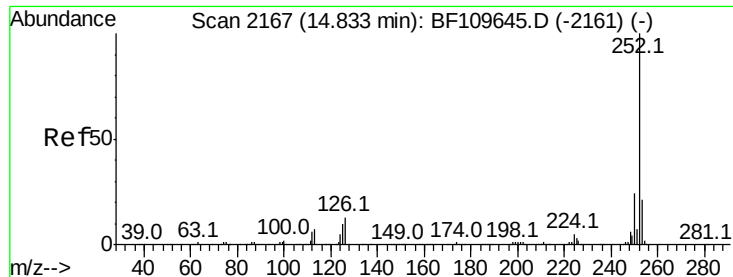
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#86
Perylene-d12
Concen: 20.000 ng
RT: 15.23 min Scan# 2235
Delta R.T. 0.01 min
Lab File: BF109694.D
Acq: 9 Oct 2018 14:50

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.3	18.7	28.1
265	21.2	16.7	25.1





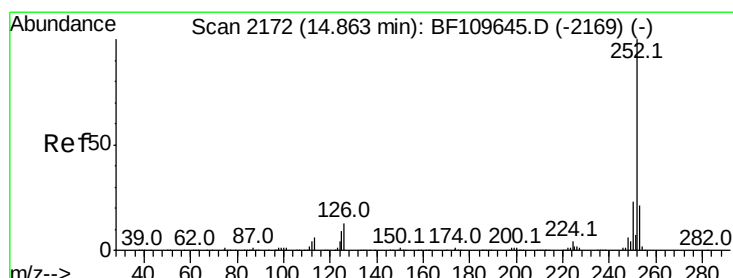
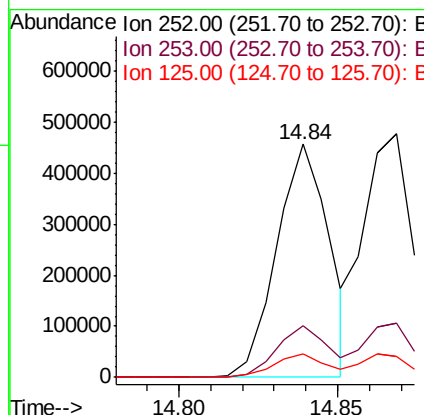
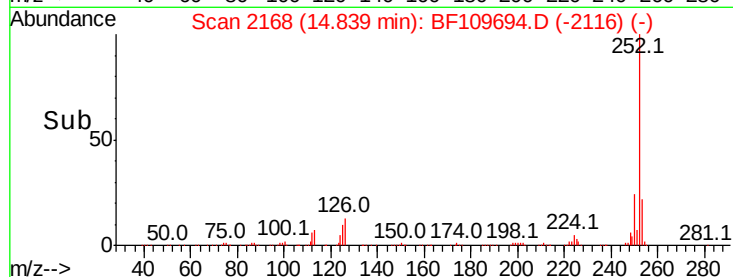
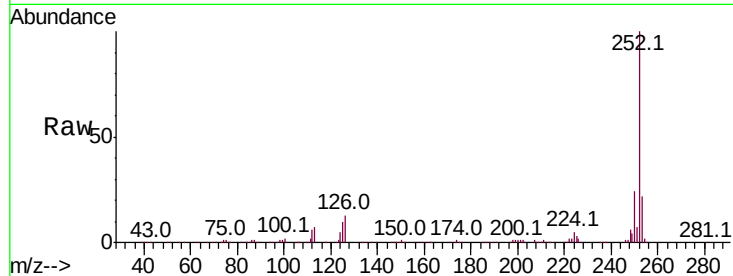
#87
Benzo(b)fluoranthene
Concen: 42.672 ng
RT: 14.84 min Scan# 2168
Delta R.T. 0.01 min
Lab File: BF109694.D
Acq: 9 Oct 2018 14:50

Instrument :
BNA_F
ClientSampleId :
PB113600BS

Tot Ion:	252	Resp:	526884
Ion Ratio	Lower	Upper	
252	100		
253	22.1	17.2	25.8
125	10.0	8.2	12.4

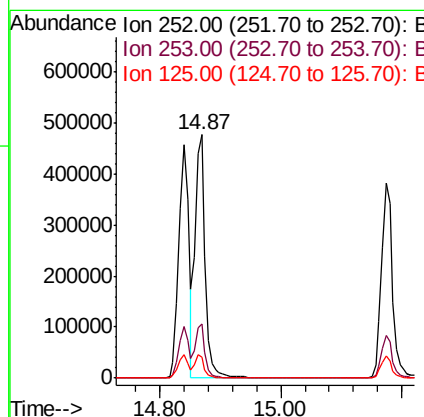
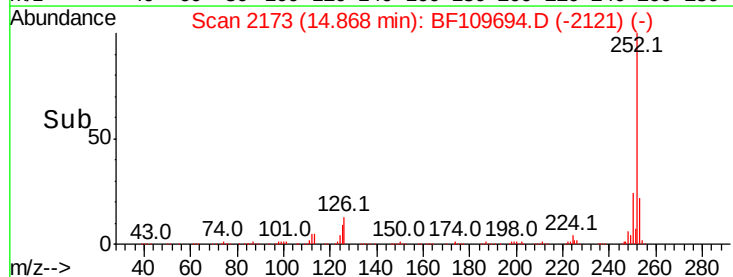
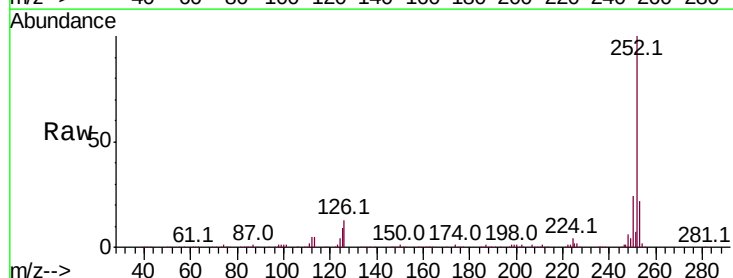
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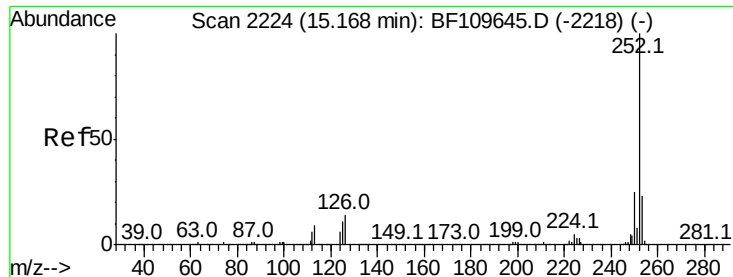
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#88
Benzo(k)fluoranthene
Concen: 44.907 ng
RT: 14.87 min Scan# 2173
Delta R.T. 0.01 min
Lab File: BF109694.D
Acq: 9 Oct 2018 14:50

Tgt Ion:	252	Resp:	557119
Ion Ratio	Lower	Upper	
252	100		
253	22.3	17.2	25.8
125	8.6	7.4	11.0





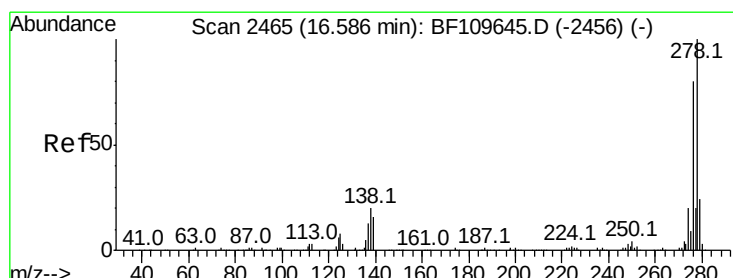
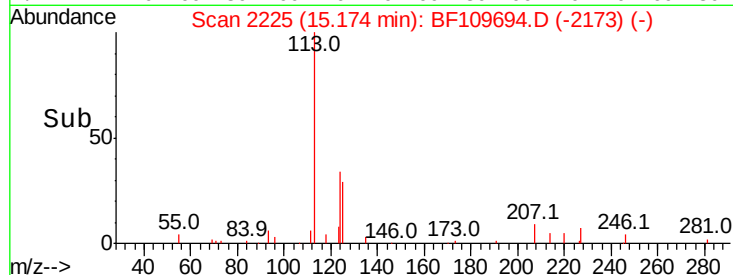
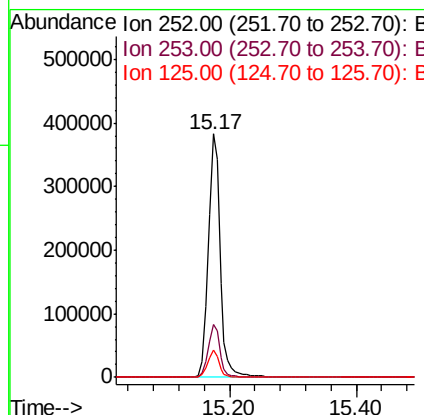
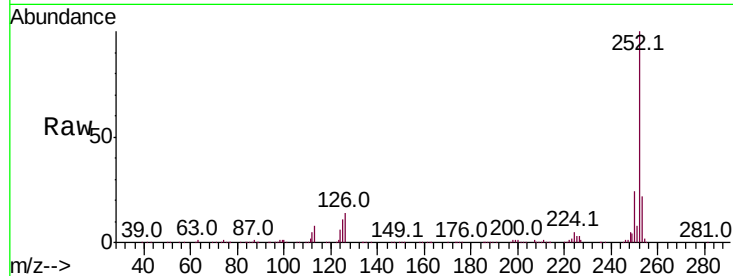
#89
Benzo(a)pyrene
Concen: 44.645 ng
RT: 15.17 min Scan# 2225
Delta R.T. 0.01 min
Lab File: BF109694.D
Acq: 9 Oct 2018 14:50

Instrument :
BNA_F
ClientSampleId :
PB113600BS

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.8	18.2	27.4
125	11.1	9.0	13.6

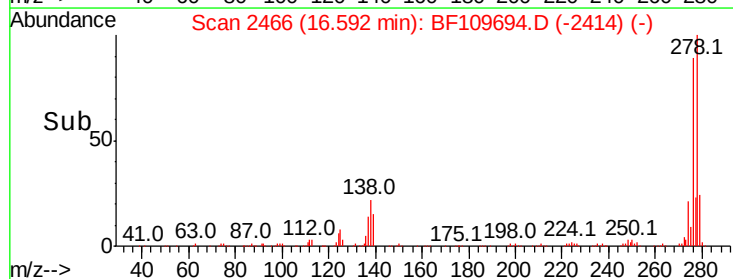
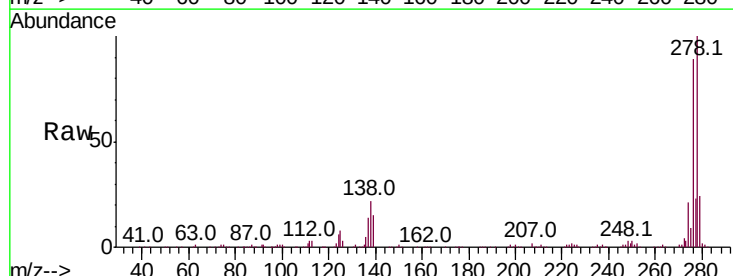
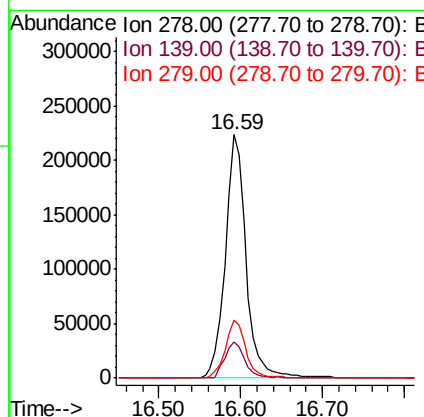
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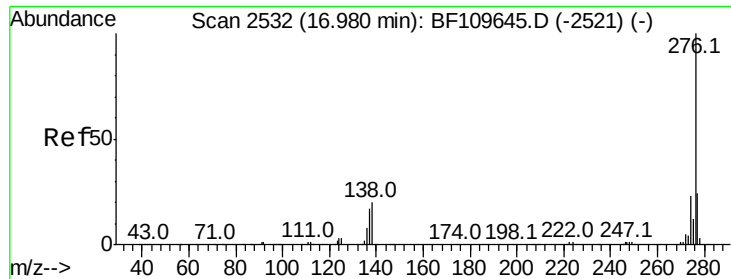
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#90
Dibenzo(a,h)anthracene
Concen: 43.104 ng
RT: 16.59 min Scan# 2466
Delta R.T. 0.01 min
Lab File: BF109694.D
Acq: 9 Oct 2018 14:50

Tgt Ion	Ratio	Lower	Upper
278	100		
139	15.0	12.7	19.1
279	23.9	19.0	28.4





#91
 Benzo(a,h,i)perylene
 Concen: 44.377 ng
 RT: 16.99 min Scan# 2533
 Delta R.T. 0.01 min
 Lab File: BF109694.D
 Acq: 9 Oct 2018 14:50

Instrument :
 BNA_F
 ClientSampleId :
 PB113600BS

Tot Ion:	276	Resp:	407794
Ion Ratio	Lower	Upper	
276	100		
277	23.7	18.8	28.2
138	19.2	16.0	24.0

Manual Integrations
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 10/10/2018 11:37:00 AM

