

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF100918\
 Data File : BF109695.D
 Acq On : 9 Oct 2018 15:19
 Operator : JU/SJ
 Sample : PB113600BSD
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB113600BSD

Manual Integrations
 APPROVED

Sohil
 10/10/2018 11:37:03 AM

Quant Time: Oct 09 16:19:14 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	86347	20.00	ng	0.00
21) Naphthalene-d8	7.98	136	373764	20.00	ng	0.00
38) Acenaphthene-d10	9.73	164	186391	20.00	ng	0.00
63) Phenanthrene-d10	11.20	188	361476	20.00	ng	0.00
75) Chrysene-d12	13.83	240	275010	20.00	ng	0.00
86) Perylene-d12	15.23	264	227147	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.33	112	666313	136.97	ng	0.01
7) Phenol-d6	6.36	99	848441	130.56	ng	0.00
23) Nitrobenzene-d5	7.26	82	577385	85.15	ng	0.00
41) 2,4,6-Tribromophenol	10.52	330	258318	127.19	ng	0.00
44) 2-Fluorobiphenyl	9.06	172	1117324	82.56	ng	0.00
78) Terphenyl-d14	12.79	244	1089493	76.69	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.49	88	92360	36.177	ng	98
3) Pyridine	3.21	79	187295	35.559	ng	95
4) n-Nitrosodimethylamine	3.14	42	86828	45.671	ng	99
6) Aniline	6.37	93	261440	34.536	ng	# 76
8) 2-Chlorophenol	6.49	128	262493	43.875	ng	94
9) Benzaldehyde	6.25	77	74072	17.713	ng	97
10) Phenol	6.37	94	303712	40.758	ng	85
11) bis(2-Chloroethyl)ether	6.44	93	217019	35.129	ng	98
12) 1,3-Dichlorobenzene	6.64	146	277368	40.535	ng	99
13) 1,4-Dichlorobenzene	6.72	146	307545	41.231	ng	99
14) 1,2-Dichlorobenzene	6.87	146	283327	43.252	ng	99
15) Benzyl Alcohol	6.85	79	203362	42.212	ng	98
16) 2,2'-oxybis(1-Chloropropan	6.97	45	333549	40.718	ng	89
17) 2-Methylphenol	6.97	107	207624	43.885	ng	96
18) Hexachloroethane	7.20	117	107758	40.872	ng	96
19) n-Nitroso-di-n-propylamine	7.12	70	186131	40.843	ng	99
20) 3+4-Methylphenols	7.12	107	256156	43.939	ng	# 86
22) Acetophenone	7.11	105	376570	41.664	ng	100
24) Nitrobenzene	7.28	77	278217	39.433	ng	98
25) Isophorone	7.52	82	515038	45.743	ng	100
26) 2-Nitrophenol	7.60	139	140244	42.496	ng	97
27) 2,4-Dimethylphenol	7.65	122	226841	47.599	ng	100
28) bis(2-Chloroethoxy)methane	7.73	93	323311	42.452	ng	99
29) 2,4-Dichlorophenol	7.85	162	234052	43.785	ng	99
30) 1,2,4-Trichlorobenzene	7.92	180	235053	39.722	ng	99
31) Naphthalene	8.00	128	803731	46.497	ng	100
32) Benzoic acid	7.80	122	119948	35.204	ng	92
33) 4-Chloroaniline	8.06	127	219915	28.890	ng	98
34) Hexachlorobutadiene	8.12	225	142301	38.676	ng	99
35) Caprolactam	8.43	113	66144m	41.433	ng	
36) 4-Chloro-3-methylphenol	8.55	107	244176	43.274	ng	98
37) 2-Methylnaphthalene	8.69	142	522811	46.174	ng	99
39) 1,2,4,5-Tetrachlorobenzene	8.86	216	241260	38.025	ng	98
40) Hexachlorocyclopentadiene	8.85	237	239213	85.554	ng	100

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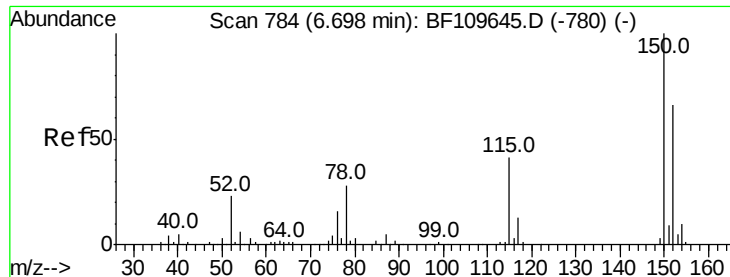
Manual Integrations
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 10/10/2018 11:37:03 AM

Quant Time: Oct 09 16:19:14 2018
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	8.97	196	149511	39.419	nq	98
43) 2,4,5-Trichlorophenol	9.02	196	172817	39.627	nq	98
45) 1,1'-Biphenyl	9.16	154	632129	37.963	nq	99
46) 2-Chloronaphthalene	9.18	162	490457	39.315	nq	99
47) 2-Nitroaniline	9.28	65	155025	41.041	nq	94
48) Acenaphthylene	9.59	152	786282	43.234	nq	100
49) Dimethylphthalate	9.46	163	562580	41.154	nq	99
50) 2,6-Dinitrotoluene	9.52	165	125592	42.384	nq	95
51) Acenaphthene	9.76	154	433587	40.217	nq	99
52) 3-Nitroaniline	9.69	138	95025	28.608	nq	99
53) 2,4-Dinitrophenol	9.80	184	89876	94.009	nq	95
54) Dibenzofuran	9.93	168	662154	40.973	nq	99
55) 4-Nitrophenol	9.87	139	138732	76.304	nq	96
56) 2,4-Dinitrotoluene	9.93	165	154117	41.676	nq	97
57) Fluorene	10.27	166	526306	43.610	nq	99
58) 2,3,4,6-Tetrachlorophenol	10.06	232	156905	44.260	nq	99
59) Diethylphthalate	10.16	149	561273	41.439	nq	100
60) 4-Chlorophenyl-phenylether	10.27	204	248086	38.965	nq	97
61) 4-Nitroaniline	10.31	138	126762	41.208	nq	97
62) Azobenzene	10.43	77	574971	41.803	nq	99
64) 4,6-Dinitro-2-methylphenol	10.34	198	66591	37.849	nq	98
65) n-Nitrosodiphenylamine	10.39	169	483052	39.420	nq	99
66) 4-Bromophenyl-phenylether	10.75	248	162060	39.019	nq	92
67) Hexachlorobenzene	10.82	284	173209	38.512	nq	# 91
68) Atrazine	10.92	200	155502	40.662	nq	98
69) Pentachlorophenol	11.02	266	166408	65.754	nq	99
70) Phenanthrene	11.23	178	765461	42.315	nq	99
71) Anthracene	11.28	178	825107	44.124	nq	100
72) Carbazole	11.44	167	723218	39.876	nq	100
73) Di-n-butylphthalate	11.77	149	859092	40.840	nq	100
74) Fluoranthene	12.41	202	824620	43.635	nq	99
76) Benzidine	12.54	184	398966	39.053	nq	97
77) Pyrene	12.64	202	820255	40.709	nq	100
79) Butylbenzylphthalate	13.26	149	360460	41.263	nq	98
80) Benzo(a)anthracene	13.83	228	659631	43.465	nq	99
81) 3,3'-Dichlorobenzidine	13.79	252	176437	28.873	nq	100
82) Chrysene	13.86	228	651845	40.892	nq	100
83) Bis(2-ethylhexyl)phthalate	13.82	149	442873	41.554	nq	99
84) Di-n-octyl phthalate	14.42	149	747176	44.353	nq	100
85) Indeno(1,2,3-cd)pyrene	16.59	276	496680	43.531	nq	100
87) Benzo(b)fluoranthene	14.84	252	544651	43.390	nq	98
88) Benzo(k)fluoranthene	14.86	252	537498	42.617	nq	99
89) Benzo(a)pyrene	15.17	252	500116	43.904	nq	98
90) Dibenzo(a,h)anthracene	16.59	278	407030	43.508	nq	97
91) Benzo(g,h,i)perylene	16.99	276	414796	44.401	nq	99

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



#1

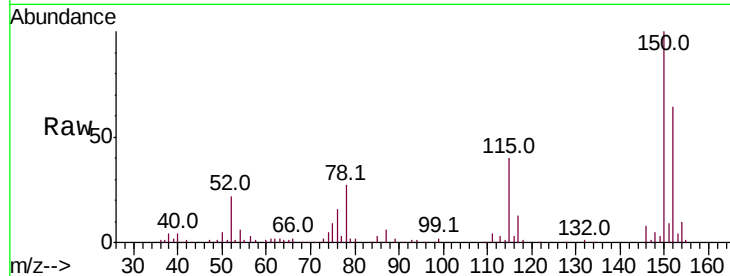
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.70 min Scan# 784
Delta R.T. -0.00 min
Lab File: BF109695.D
Acq: 9 Oct 2018 15:19

Instrument :
BNA_F
ClientSampleId :
PB113600BSD

Tot Ion	Ratio	Lower	Upper
152	100		
150	157.5	122.7	184.1
115	63.2	49.1	73.7

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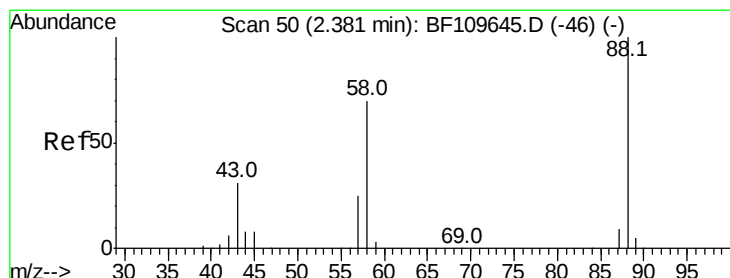
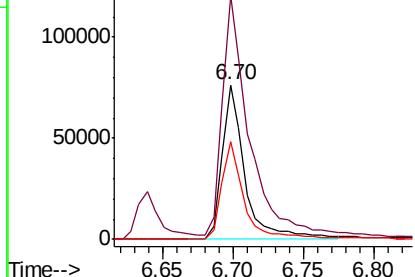
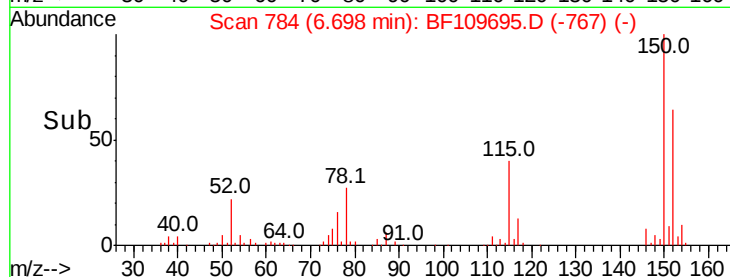


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

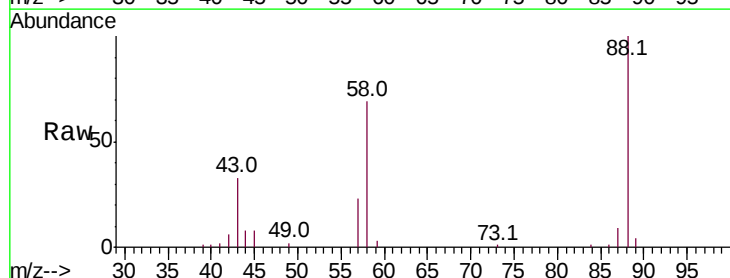
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 36.177 ng
RT: 2.49 min Scan# 69
Delta R.T. 0.11 min
Lab File: BF109695.D
Acq: 9 Oct 2018 15:19

Tgt Ion	Ratio	Lower	Upper
88	100		
58	69.5	57.1	85.7
43	31.3	24.1	36.1

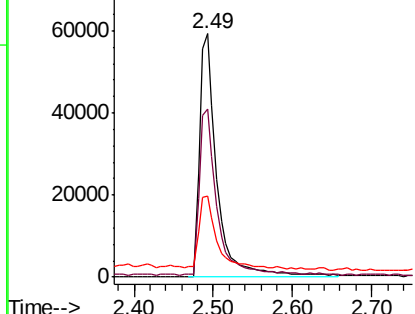
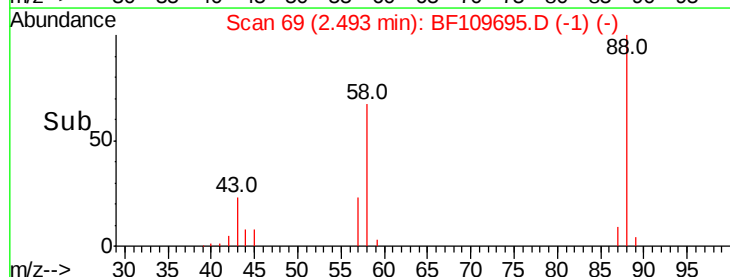


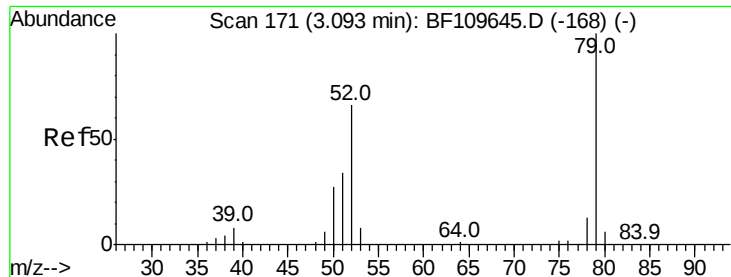
Abundance

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: 35.559 ng

RT: 3.21 min Scan# 191

Delta R.T. 0.12 min

Lab File: BF109695.D

Acq: 9 Oct 2018 15:19

Instrument :

BNA_F

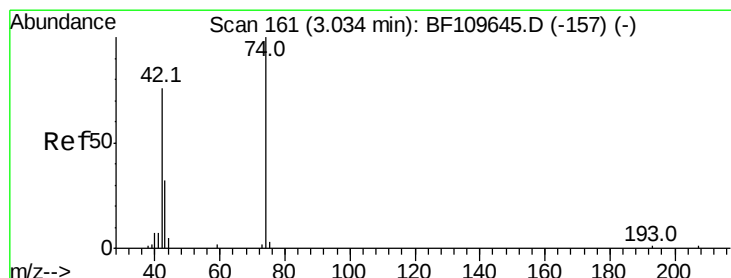
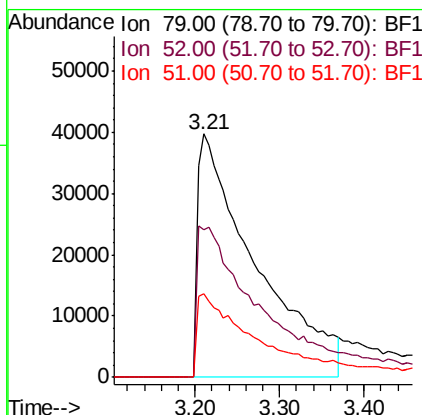
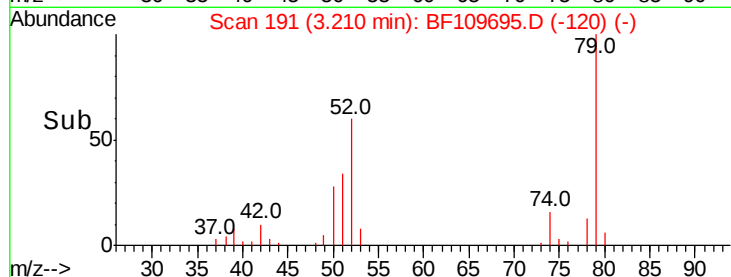
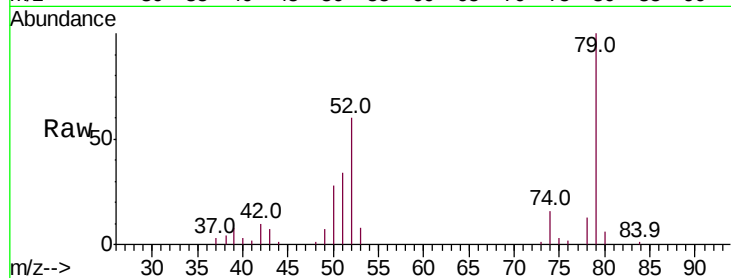
ClientSampleId :

PB113600BSD

Tot Ion:	79	Resp:	187295
Ion Ratio	Lower	Upper	
79	100		
52	60.4	53.1	79.7
51	34.2	27.4	41.2

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#4

n-Nitrosodimethylamine

Concen: 45.671 ng

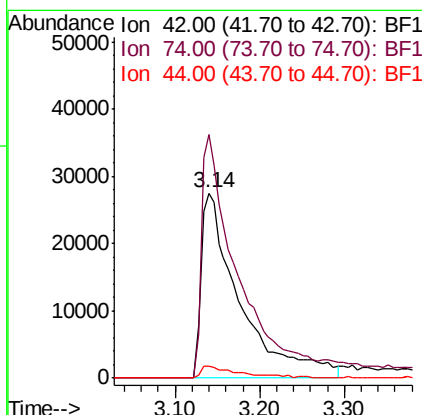
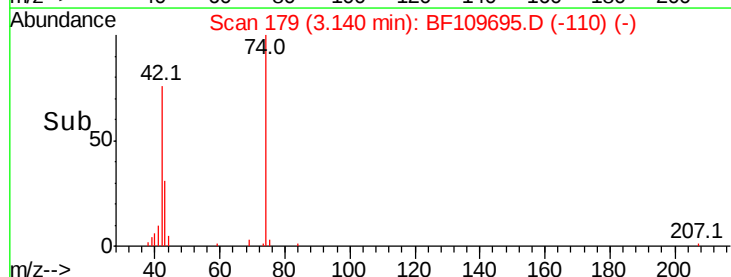
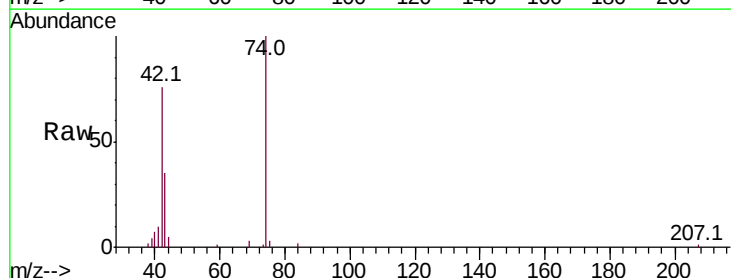
RT: 3.14 min Scan# 179

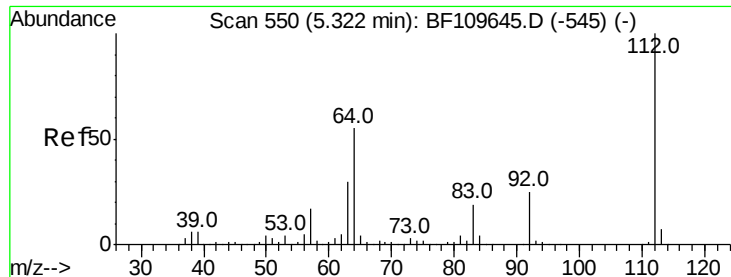
Delta R.T. 0.11 min

Lab File: BF109695.D

Acq: 9 Oct 2018 15:19

Tgt Ion:	42	Resp:	86828
Ion Ratio	Lower	Upper	
42	100		
74	131.3	105.5	158.3
44	6.5	4.9	7.3





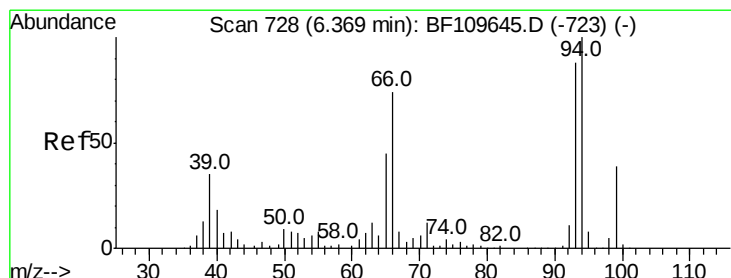
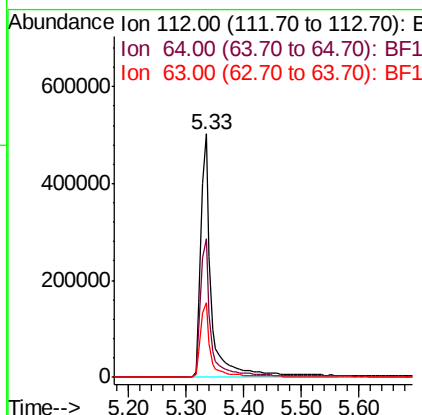
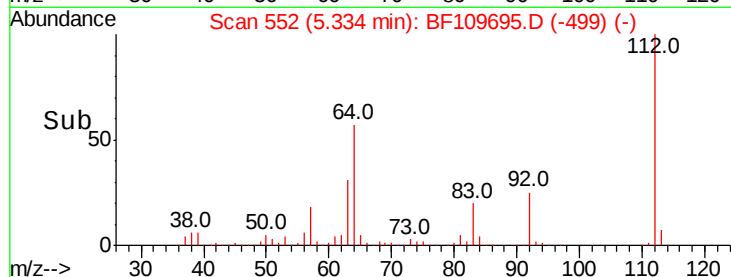
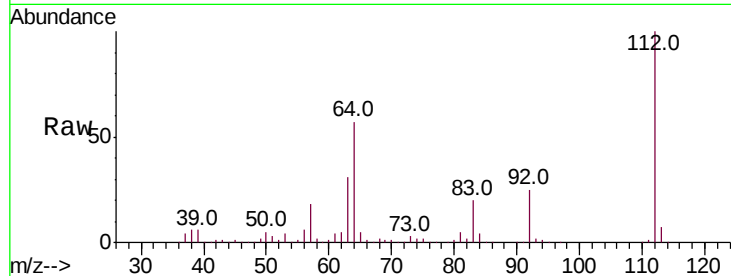
#5
2-Fluorophenol
Concen: 136.974 ng
RT: 5.33 min Scan# 552
Delta R.T. 0.01 min
Lab File: BF109695.D
Acq: 9 Oct 2018 15:19

Instrument :
BNA_F
ClientSampleId :
PB113600BSD

Tot Ion	Ratio	Resp Lower	Upper
112	100		
64	57.2	44.1	66.1
63	30.6	23.7	35.5

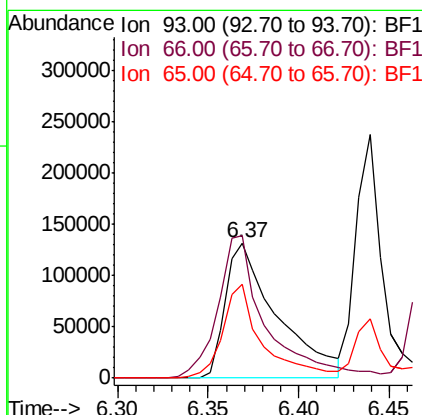
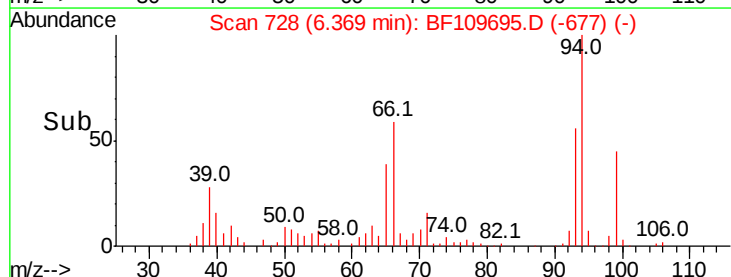
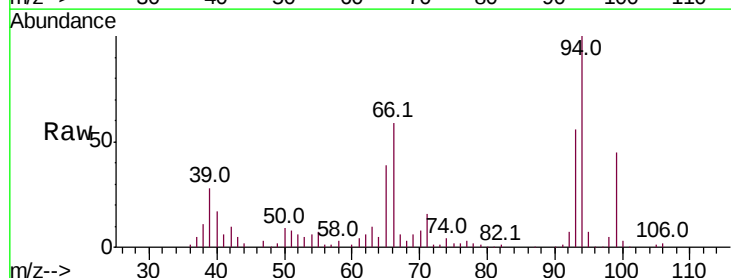
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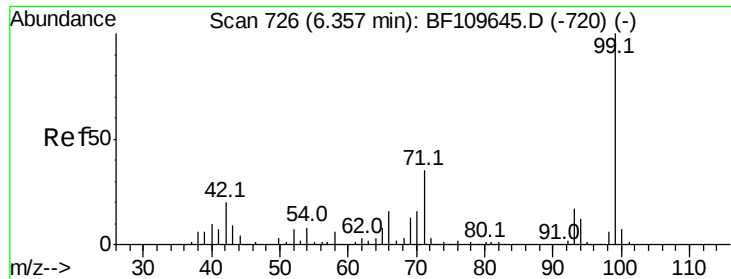
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#6
Aniline
Concen: 34.536 ng
RT: 6.37 min Scan# 728
Delta R.T. -0.00 min
Lab File: BF109695.D
Acq: 9 Oct 2018 15:19

Tgt Ion	Ratio	Resp Lower	Upper
93	100		
66	105.4	67.4	101.0#
65	69.5	41.0	61.4#





#7

Phenol-d6

Concen: 130.560 ng

RT: 6.36 min Scan# 726

Delta R.T. -0.00 min

Lab File: BF109695.D

Acq: 9 Oct 2018 15:19

Instrument :

BNA_F

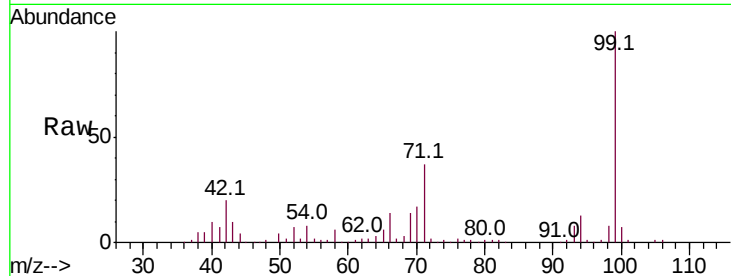
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PB113600BSD

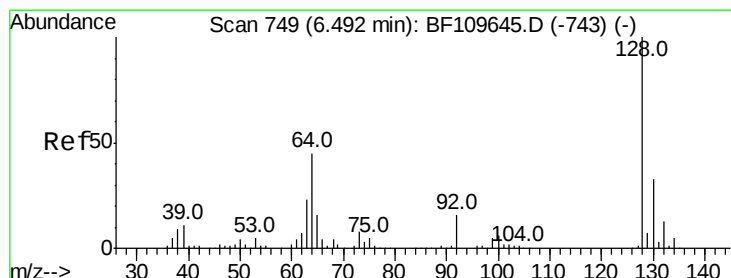
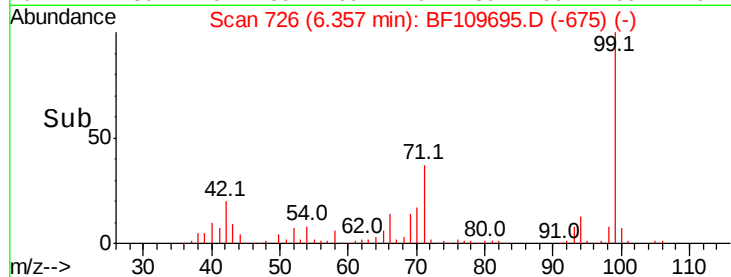
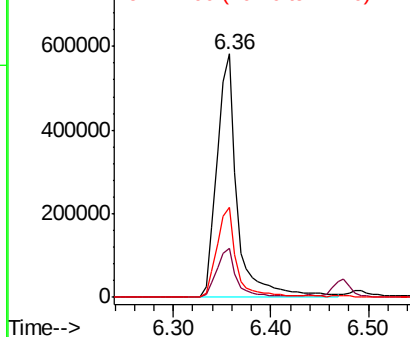
Tot Ion:	99	Resp:	848441
Ion Ratio	Lower	Upper	
99	100		
42	20.0	15.8	23.6
71	36.8	28.0	42.0

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



#8

2-Chlorophenol

Concen: 43.875 ng

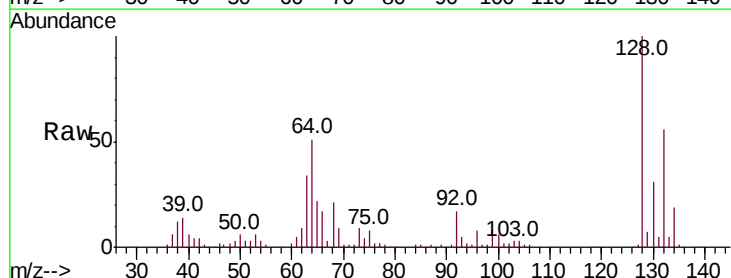
RT: 6.49 min Scan# 748

Delta R.T. -0.01 min

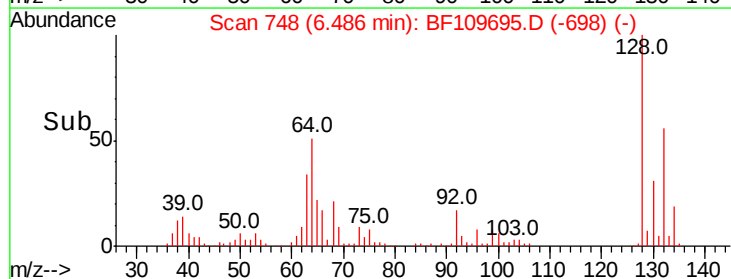
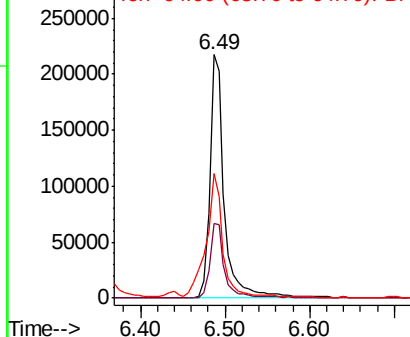
Lab File: BF109695.D

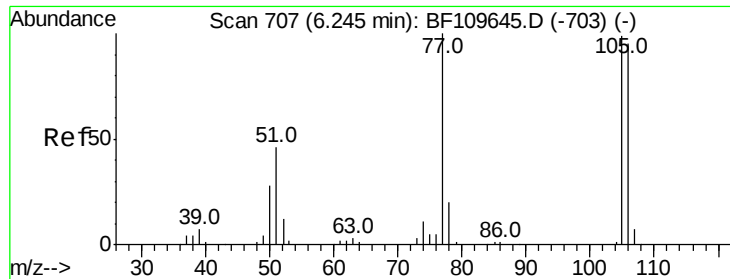
Acq: 9 Oct 2018 15:19

Tgt Ion:	128	Resp:	262493
Ion Ratio	Lower	Upper	
128	100		
130	30.8	13.1	53.1
64	51.3	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: 17.713 ng

RT: 6.25 min Scan# 708

Delta R.T. 0.01 min

Lab File: BF109695.D

Acq: 9 Oct 2018 15:19

Instrument :

BNA_F

ClientSampleId :

PB113600BSD

Tot Ion: 77 Resp: 74072

Ion Ratio Lower Upper

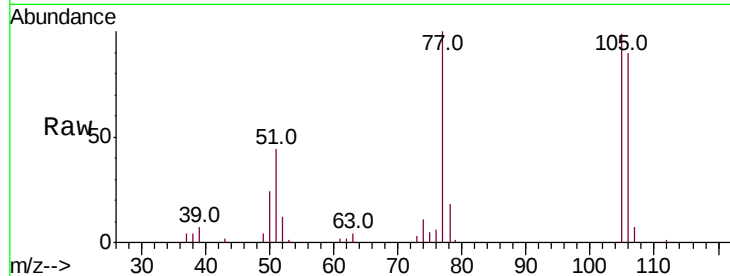
77 100

105 99.1 78.6 118.6

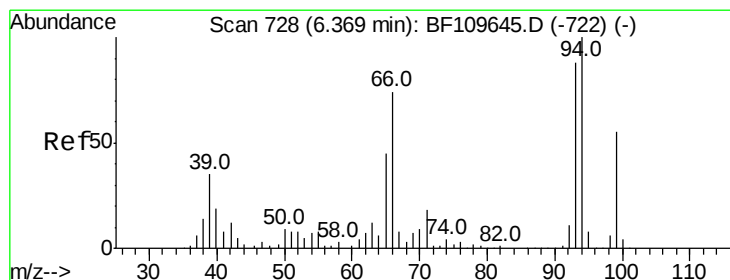
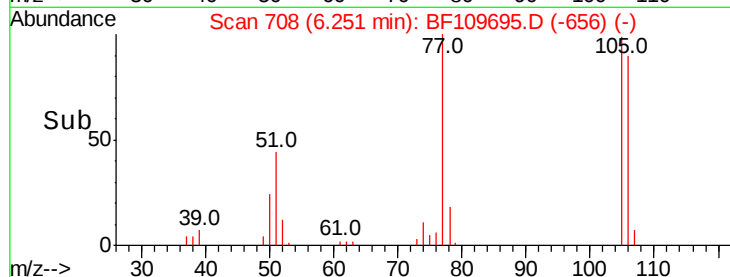
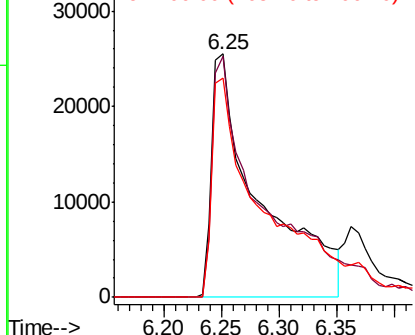
106 90.0 74.8 114.8

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Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 105.00 (104.70 to 105.70): BF1
Ion 106.00 (105.70 to 106.70): BF1



#10

Phenol

Concen: 40.758 ng

RT: 6.37 min Scan# 728

Delta R.T. -0.00 min

Lab File: BF109695.D

Acq: 9 Oct 2018 15:19

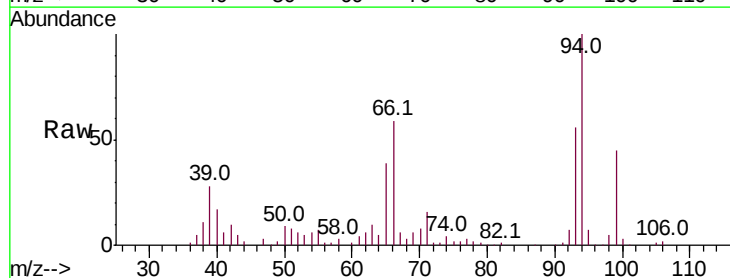
Tgt Ion: 94 Resp: 303712

Ion Ratio Lower Upper

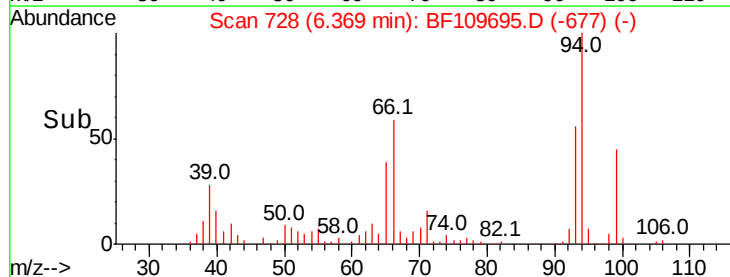
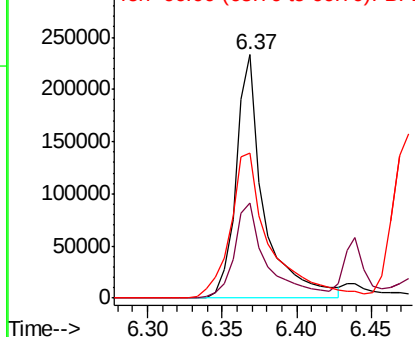
94 100

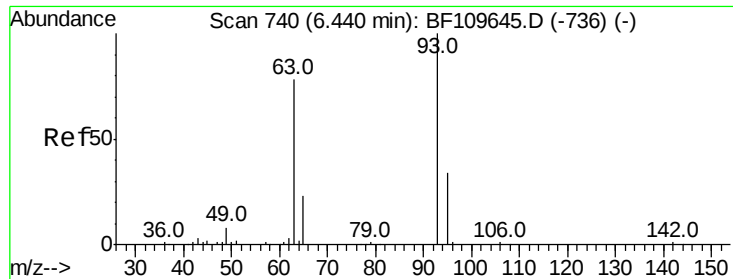
65 39.2 25.3 65.3

66 59.5 54.5 94.5



Abundance Ion 94.00 (93.70 to 94.70): BF1
Ion 65.00 (64.70 to 65.70): BF1
Ion 66.00 (65.70 to 66.70): BF1





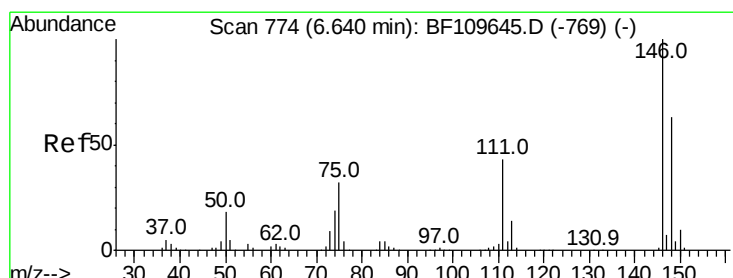
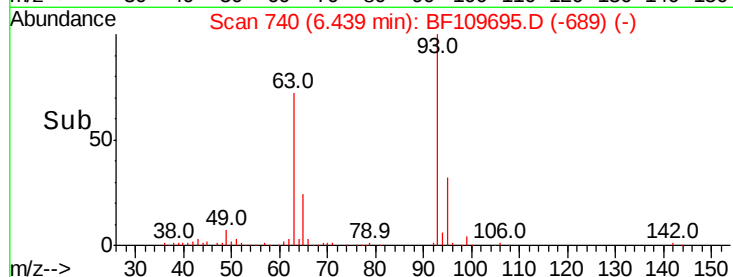
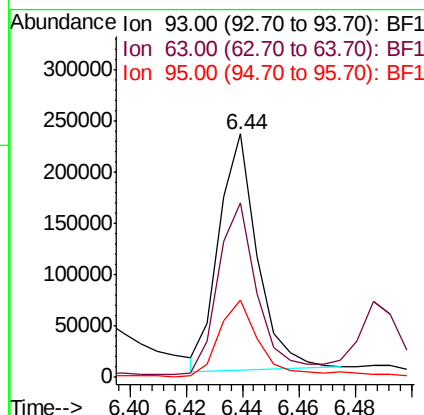
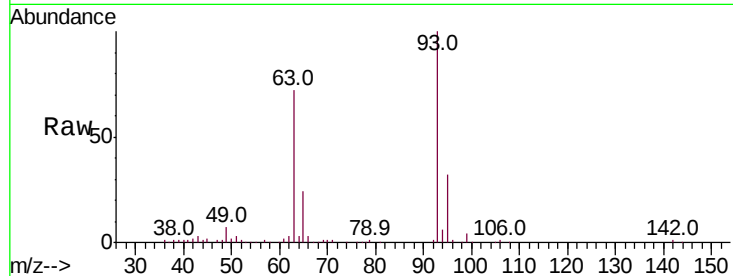
#11
bis(2-Chloroethyl)ether
Concen: 35.129 ng
RT: 6.44 min Scan# 740
Delta R.T. -0.00 min
Lab File: BF109695.D
Acq: 9 Oct 2018 15:19

Instrument :
BNA_F
ClientSampleId :
PB113600BSD

Tot Ion	93	Resp	217019
Ion	Ratio	Lower	Upper
93	100		
63	71.6	53.4	93.4
95	31.6	12.1	52.1

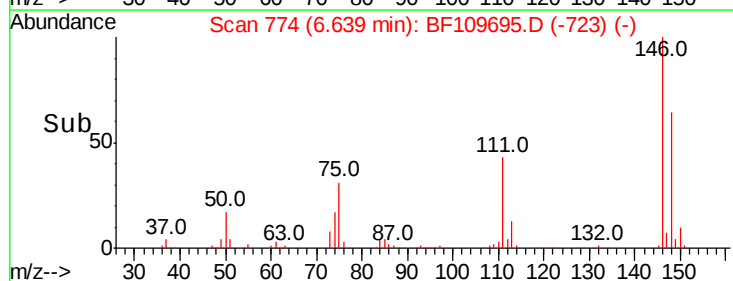
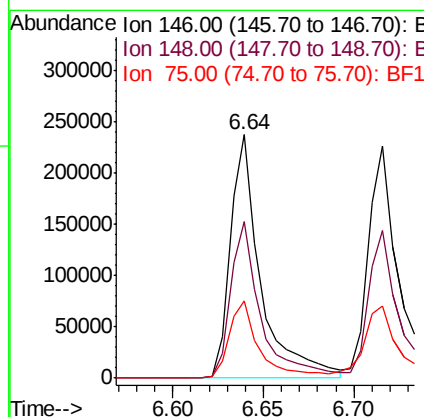
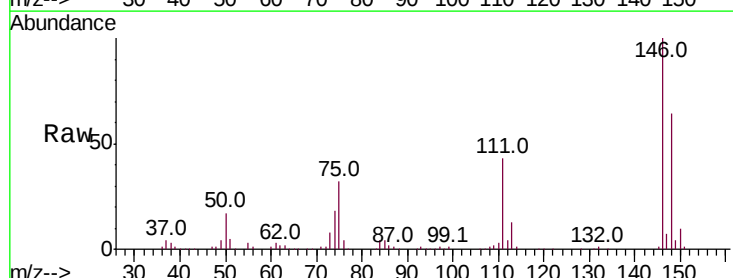
Manual Integrations
APPROVED

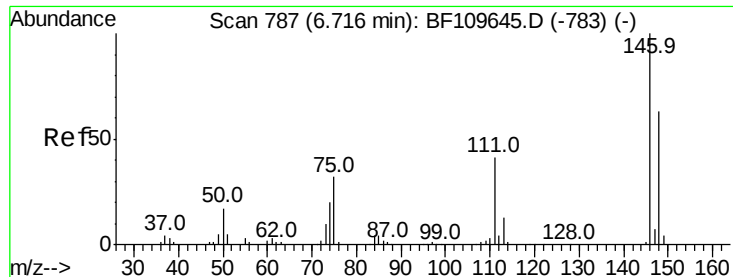
Sohil
10/10/2018 11:37:03 AM



#12
1,3-Dichlorobenzene
Concen: 40.535 ng
RT: 6.64 min Scan# 774
Delta R.T. -0.00 min
Lab File: BF109695.D
Acq: 9 Oct 2018 15:19

Tgt Ion	146	Resp	277368
Ion	Ratio	Lower	Upper
146	100		
148	64.3	50.4	75.6
75	31.6	25.8	38.6





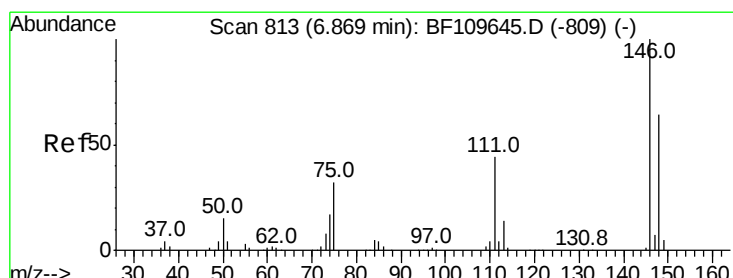
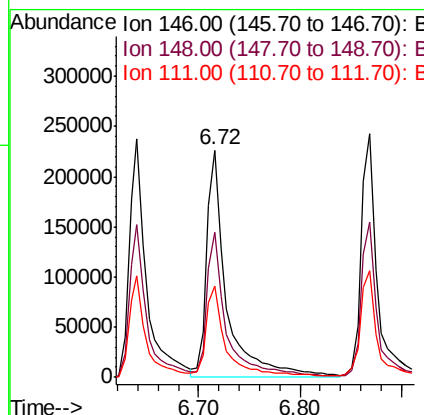
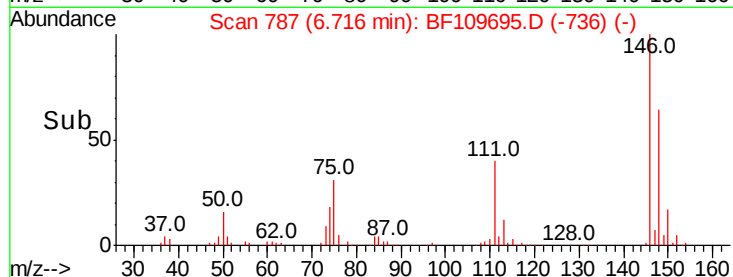
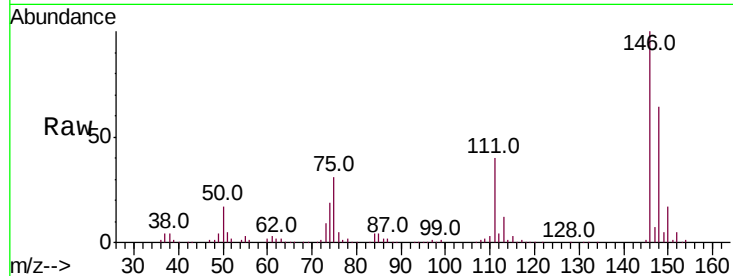
#13
 1,4-Dichlorobenzene
 Concen: 41.231 ng
 RT: 6.72 min Scan# 787
 Delta R.T. -0.00 min
 Lab File: BF109695.D
 Acq: 9 Oct 2018 15:19

Instrument :
 BNA_F
 ClientSampleId :
 PB113600BSD

Tot Ion	Ratio	Lower	Upper
146	100		
148	63.9	50.3	75.5
111	40.3	32.7	49.1

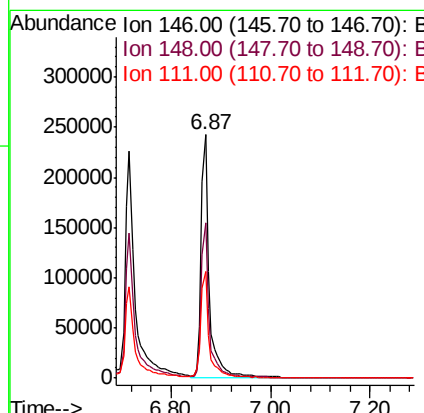
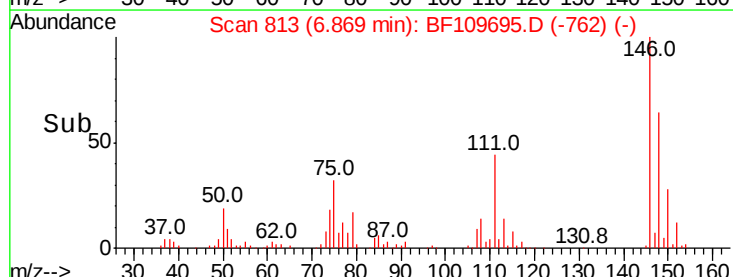
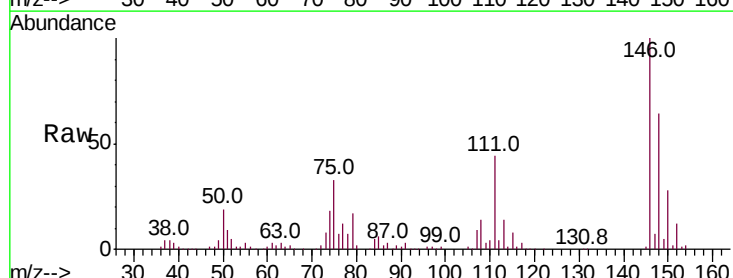
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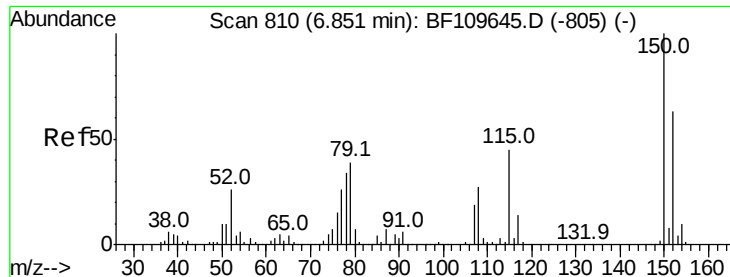
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#14
 1,2-Dichlorobenzene
 Concen: 43.252 ng
 RT: 6.87 min Scan# 813
 Delta R.T. -0.00 min
 Lab File: BF109695.D
 Acq: 9 Oct 2018 15:19

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.7	51.1	76.7
111	43.9	35.8	53.6





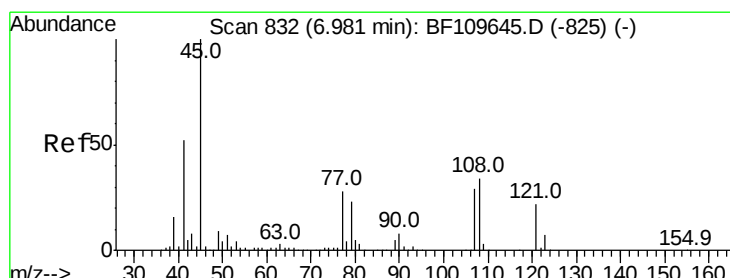
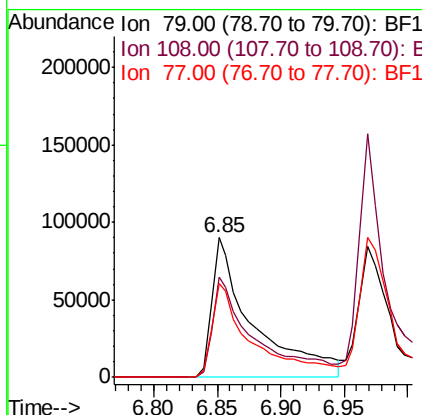
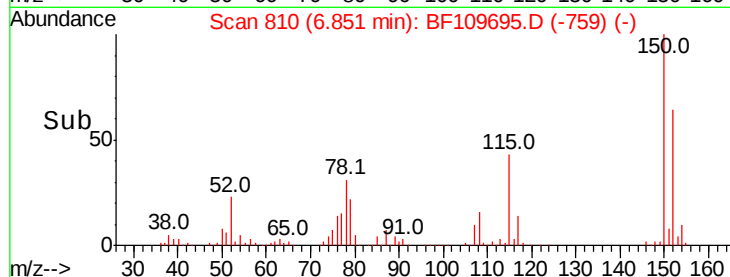
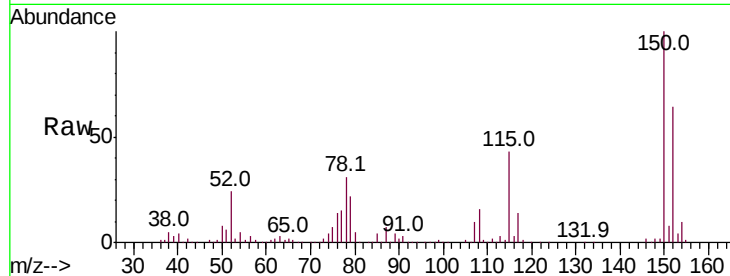
#15
Benzyl Alcohol
Concen: 42.212 ng
RT: 6.85 min Scan# 810
Delta R.T. -0.00 min
Lab File: BF109695.D
Acq: 9 Oct 2018 15:19

Instrument :
BNA_F
ClientSampleId :
PB113600BSD

Tot Ion	Ratio	Lower	Upper
79	100		
108	71.6	56.3	84.5
77	67.5	52.9	79.3

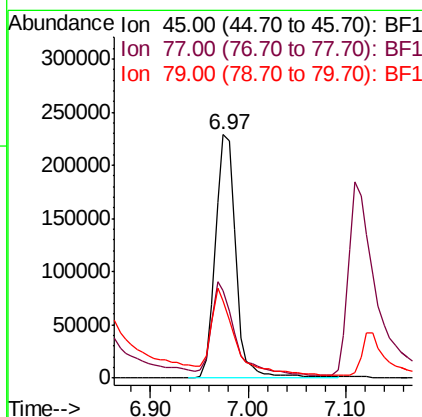
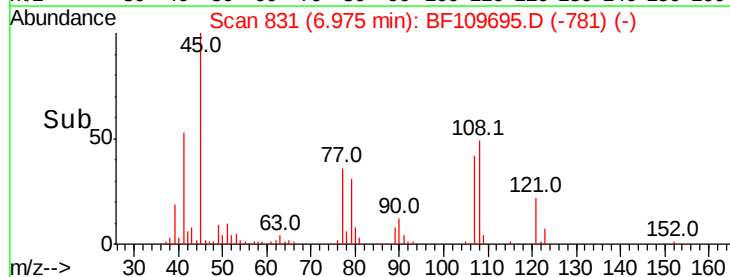
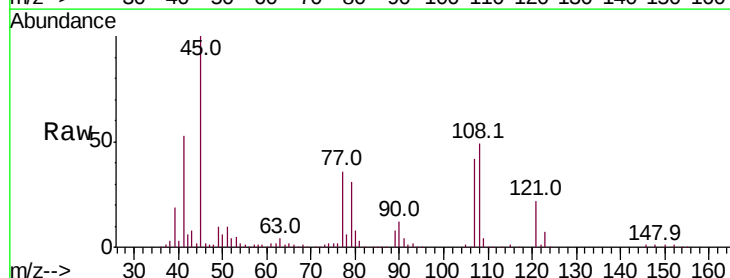
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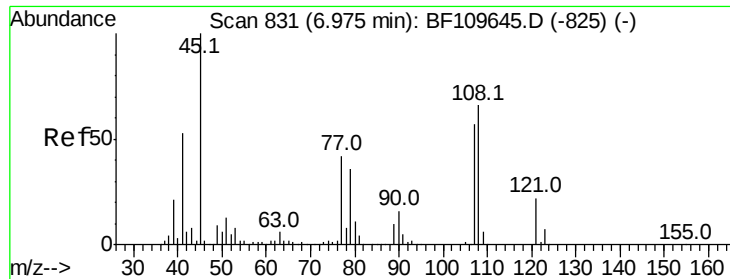
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#16
2,2'-oxybis(1-Chloropropane)
Concen: 40.718 ng
RT: 6.97 min Scan# 831
Delta R.T. -0.01 min
Lab File: BF109695.D
Acq: 9 Oct 2018 15:19

Tgt Ion	Ratio	Lower	Upper
45	100		
77	35.7	10.0	50.0
79	31.5	6.1	46.1





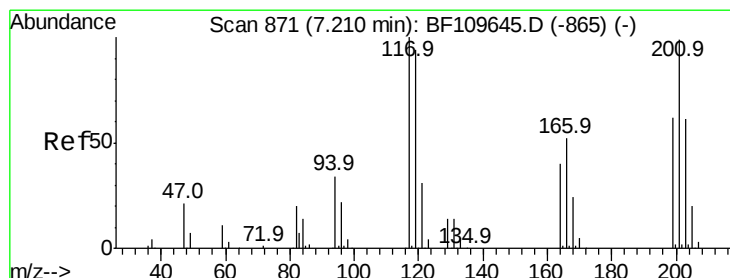
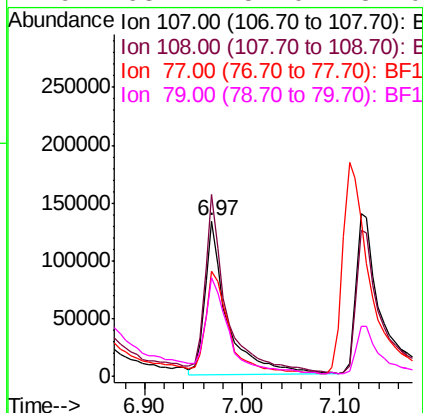
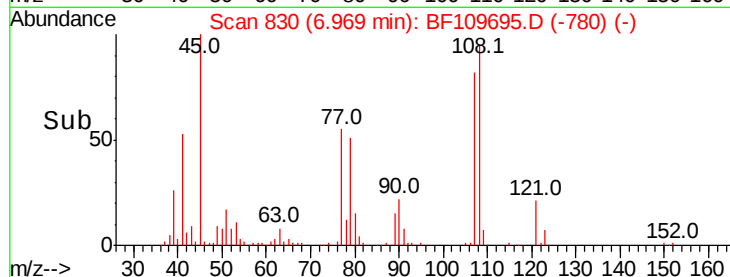
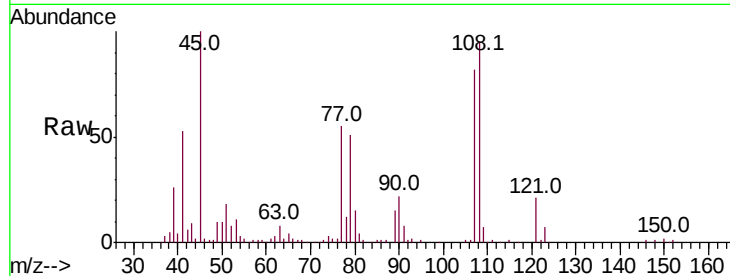
#17
2-Methylphenol
Concen: 43.885 ng
RT: 6.97 min Scan# 830
Delta R.T. -0.01 min
Lab File: BF109695.D
Acq: 9 Oct 2018 15:19

Instrument :
BNA_F
ClientSampleId :
PB113600BSD

Tot Ion:	107	Resp:	207624
Ion Ratio	Lower	Upper	
107	100		
108	116.9	92.6	138.8
77	67.2	59.4	89.2
79	63.2	54.0	81.0

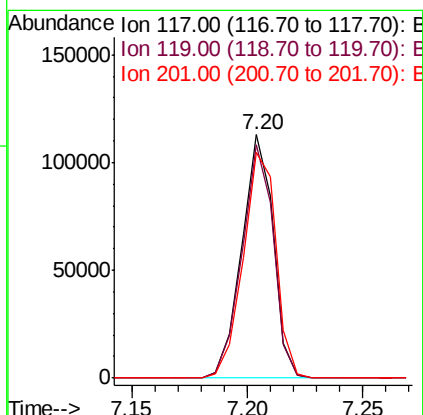
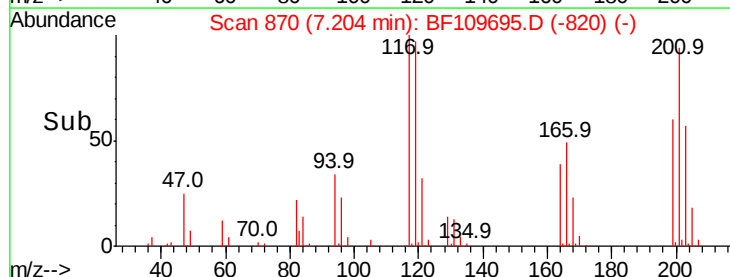
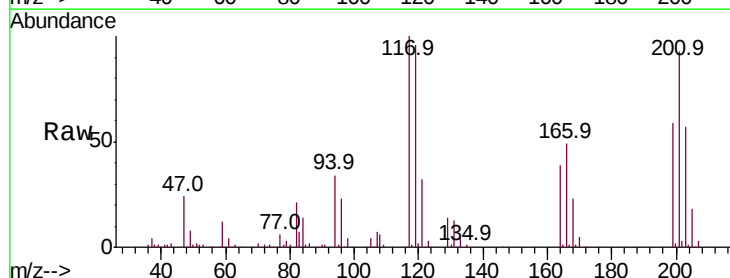
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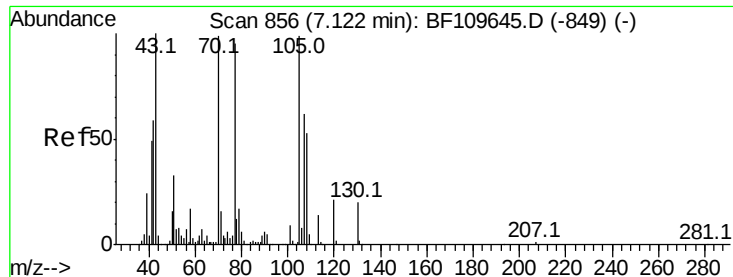
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#18
Hexachloroethane
Concen: 40.872 ng
RT: 7.20 min Scan# 870
Delta R.T. -0.01 min
Lab File: BF109695.D
Acq: 9 Oct 2018 15:19

Tgt Ion:	117	Resp:	107758
Ion Ratio	Lower	Upper	
117	100		
119	95.9	75.0	112.6
201	92.9	79.2	118.8





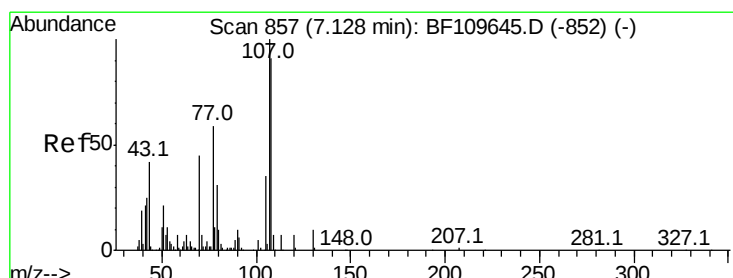
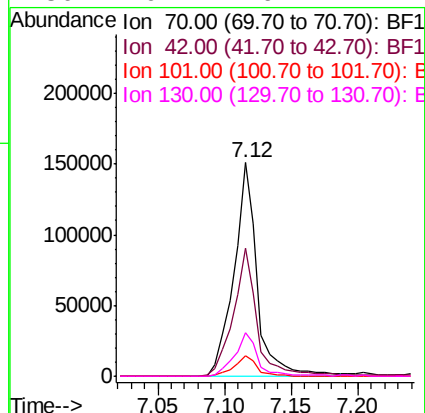
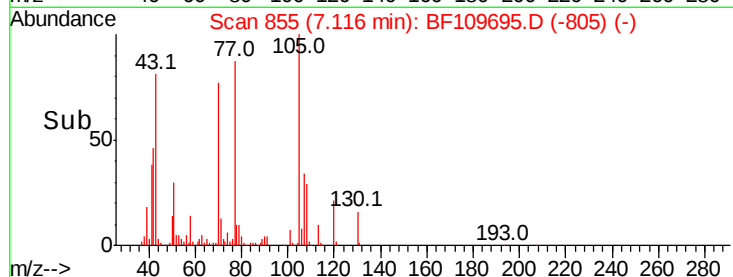
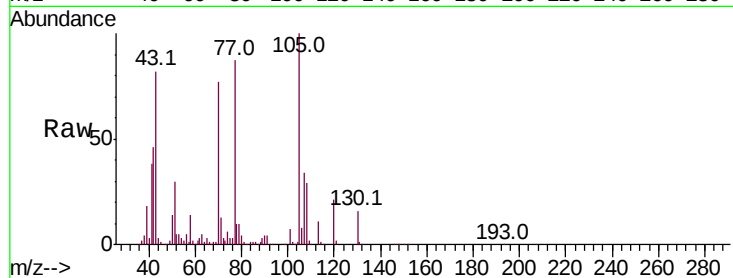
#19
n-Nitroso-di-n-propylamine
Concen: 40.843 ng
RT: 7.12 min Scan# 855
Delta R.T. -0.01 min
Lab File: BF109695.D
Acq: 9 Oct 2018 15:19

Instrument :
BNA_F
ClientSampleId :
PB113600BSD

Tot Ion	Ratio	Lower	Upper
70	100		
42	60.0	47.4	71.2
101	9.7	7.3	10.9
130	20.2	16.2	24.2

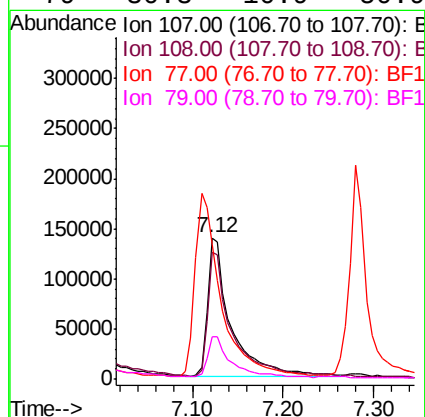
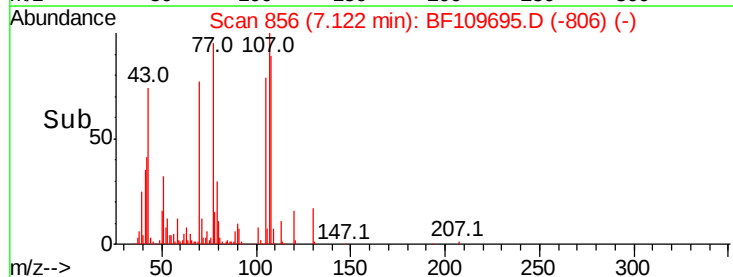
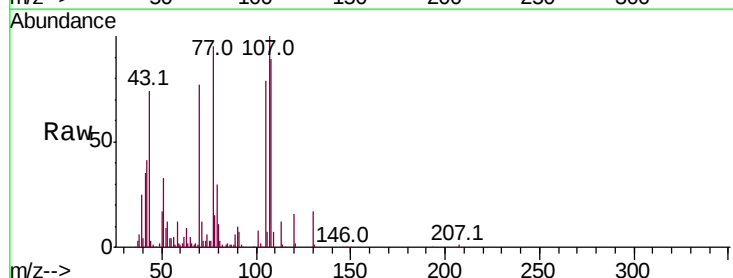
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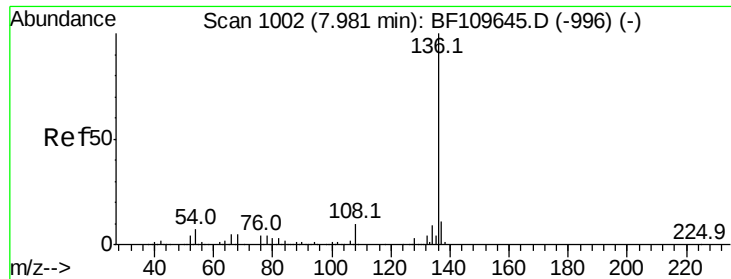
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#20
3+4-Methylphenols
Concen: 43.939 ng
RT: 7.12 min Scan# 856
Delta R.T. -0.01 min
Lab File: BF109695.D
Acq: 9 Oct 2018 15:19

Tgt Ion	Ratio	Lower	Upper
107	100		
108	89.4	71.4	111.4
77	95.5	47.3	87.3#
79	30.3	10.9	50.9





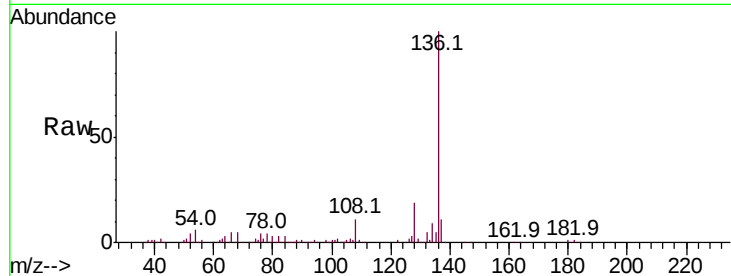
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.98 min Scan# 1002
Delta R.T. -0.00 min
Lab File: BF109695.D
Acq: 9 Oct 2018 15:19

Instrument :
BNA_F
ClientSampleId :
PB113600BSD

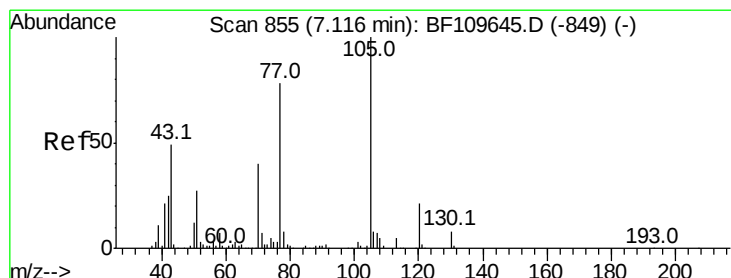
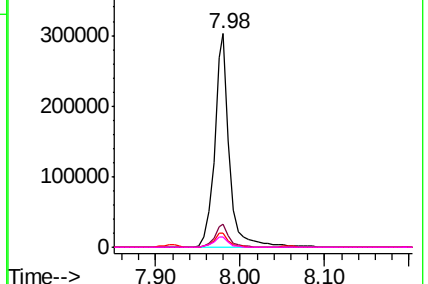
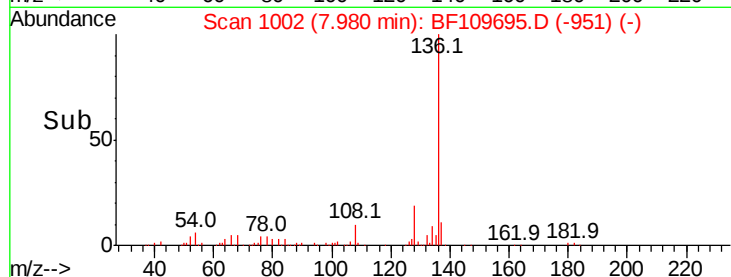
Tot Ion	Ratio	Resp	Lower	Upper
136	100			
137	10.8	8.8	13.2	
54	6.3	5.4	8.2	
68	4.9	4.2	6.2	

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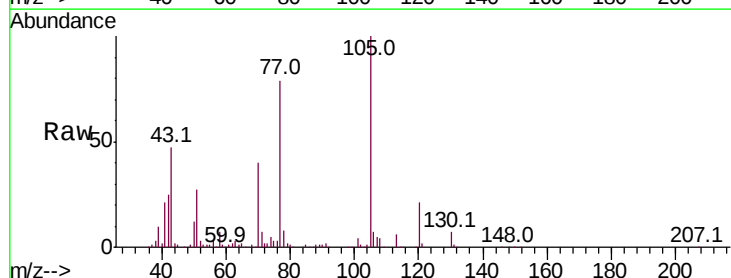


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

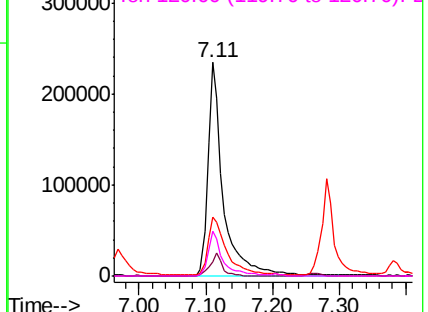
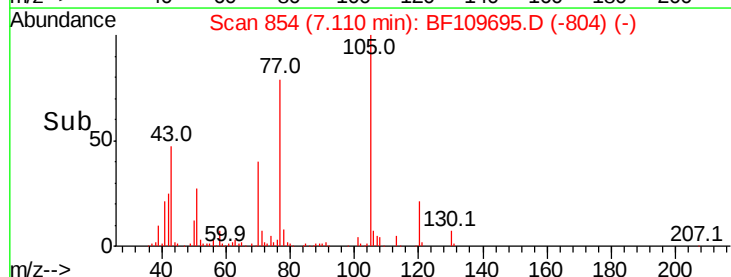


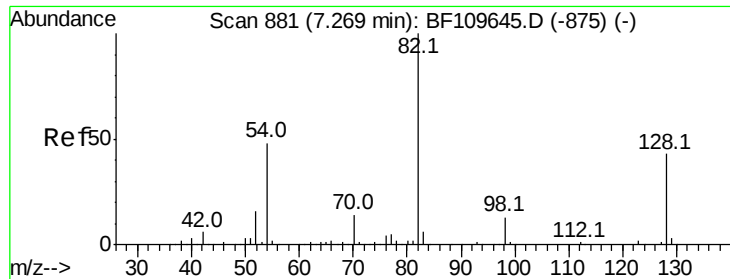
#22
Acetophenone
Concen: 41.664 ng
RT: 7.11 min Scan# 854
Delta R.T. -0.01 min
Lab File: BF109695.D
Acq: 9 Oct 2018 15:19

Tgt Ion	Ratio	Resp	Lower	Upper
105	100			
71	6.6	5.2	7.8	
51	27.3	21.8	32.8	
120	21.0	17.0	25.4	



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





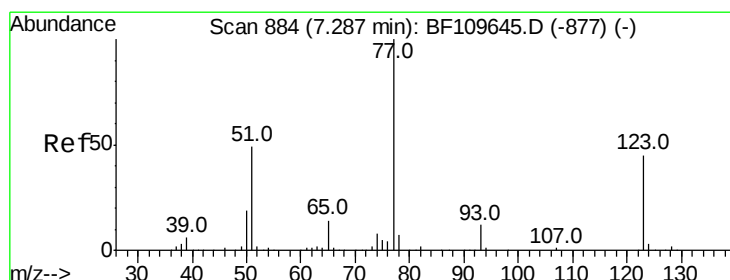
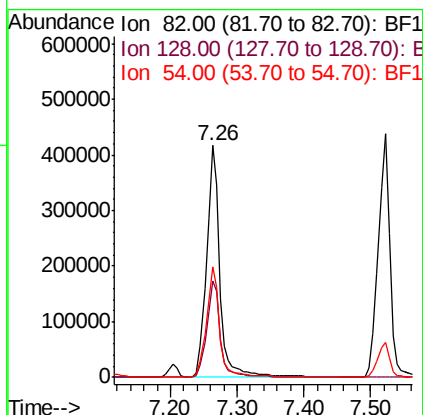
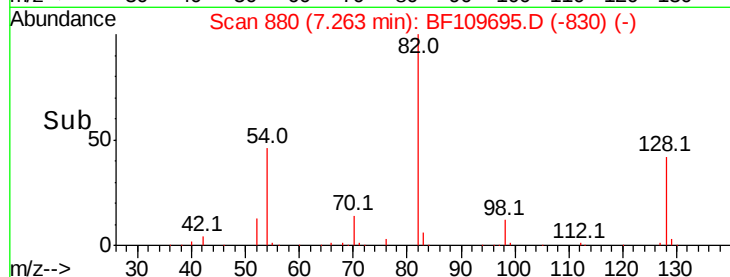
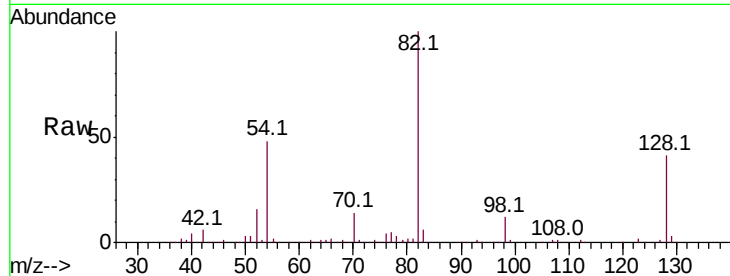
#23
 Nitrobenzene-d5
 Concen: 85.154 ng
 RT: 7.26 min Scan# 880
 Delta R.T. -0.01 min
 Lab File: BF109695.D
 Acq: 9 Oct 2018 15:19

Instrument :
 BNA_F
 ClientSampleID :
 PB113600BSD

Tot Ion	Ratio	Lower	Upper
82	100		
128	41.4	34.2	51.2
54	47.6	38.6	58.0

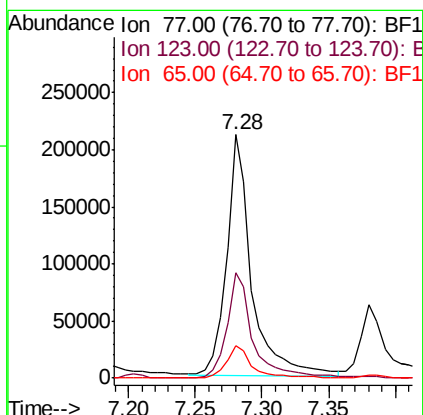
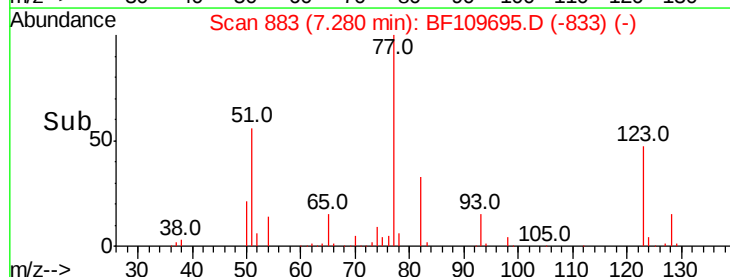
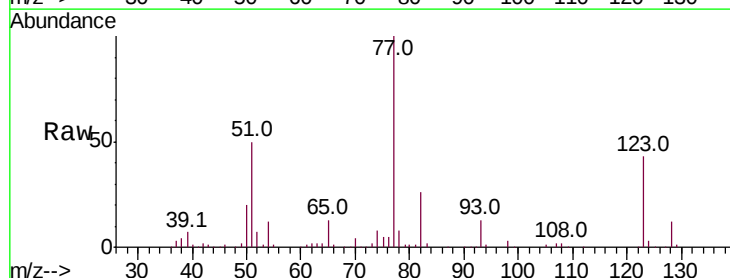
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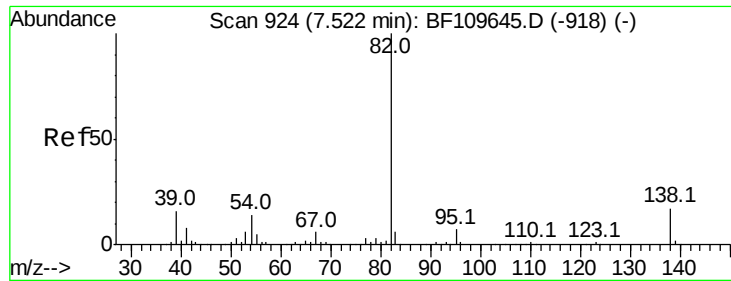
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#24
 Nitrobenzene
 Concen: 39.433 ng
 RT: 7.28 min Scan# 883
 Delta R.T. -0.01 min
 Lab File: BF109695.D
 Acq: 9 Oct 2018 15:19

Tgt Ion	Ratio	Lower	Upper
77	100		
123	43.1	35.7	53.5
65	13.1	10.7	16.1





#25

Isophorone

Concen: 45.743 ng

RT: 7.52 min Scan# 924

Delta R.T. -0.00 min

Lab File: BF109695.D

Acq: 9 Oct 2018 15:19

Instrument :

BNA_F

ClientSampleId :

PB113600BSD

Tot Ion: 82 Resp: 515038

Ion Ratio Lower Upper

82 100

95 7.2 5.7 8.5

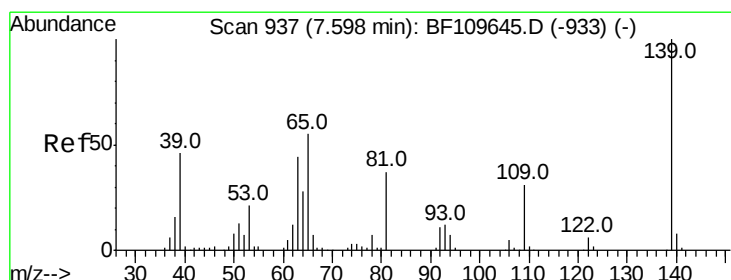
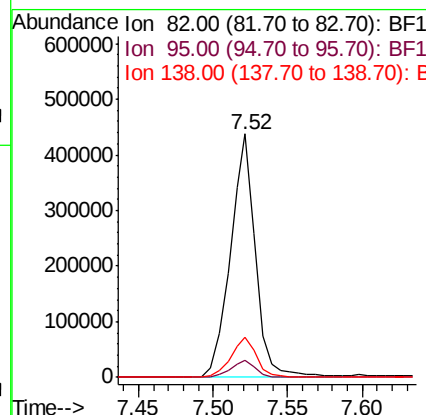
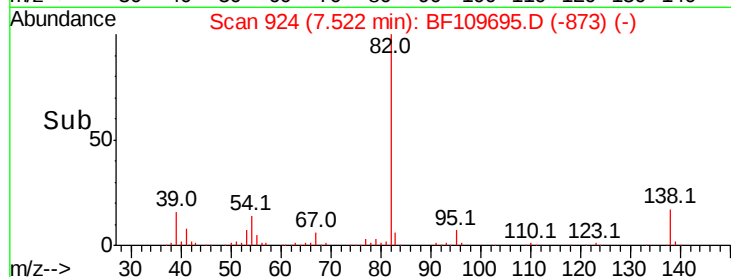
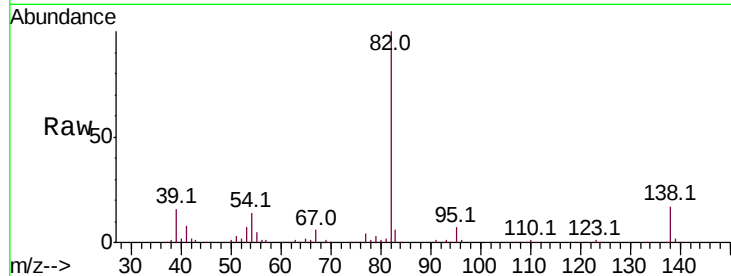
138 16.7 13.2 19.8

Manual Integrations

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#26

2-Nitrophenol

Concen: 42.496 ng

RT: 7.60 min Scan# 937

Delta R.T. -0.00 min

Lab File: BF109695.D

Acq: 9 Oct 2018 15:19

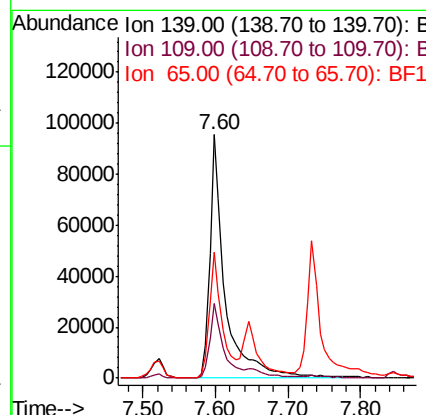
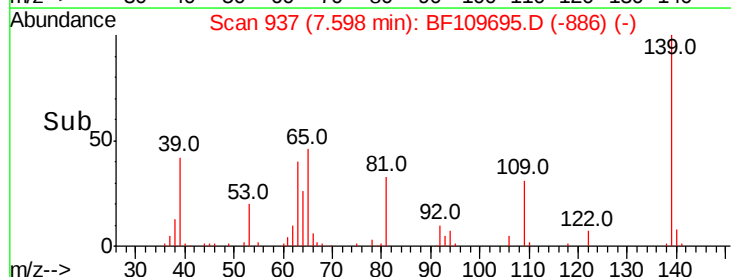
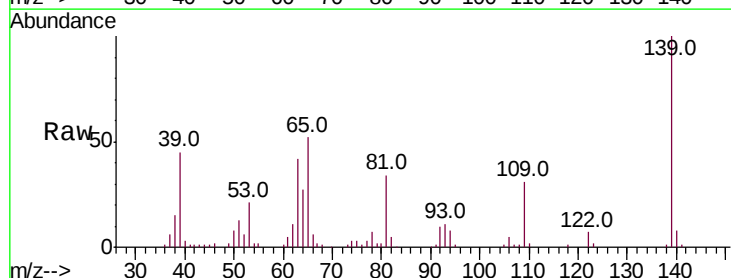
Tgt Ion: 139 Resp: 140244

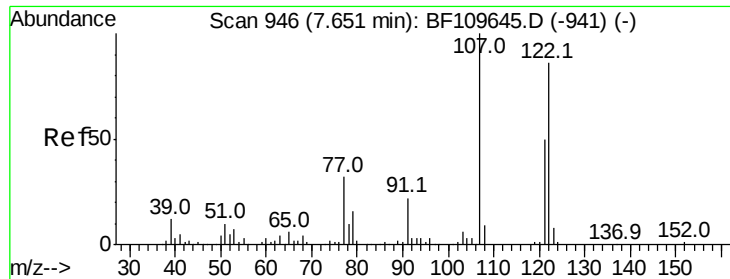
Ion Ratio Lower Upper

139 100

109 30.6 25.0 37.6

65 51.9 44.0 66.0





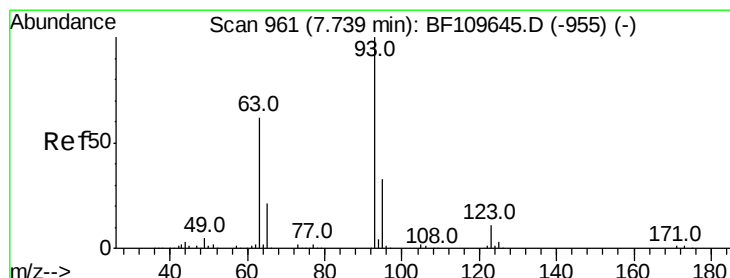
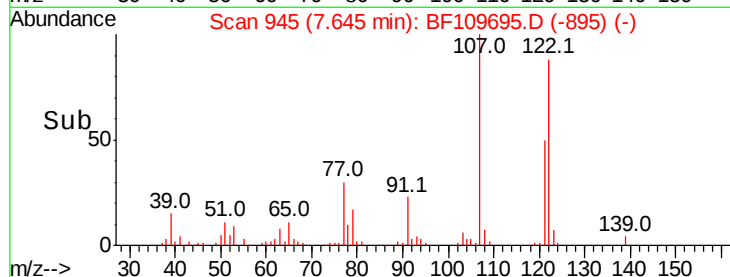
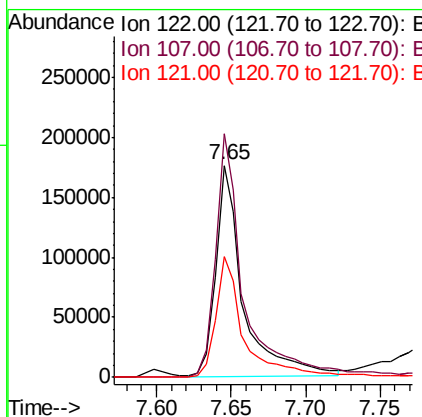
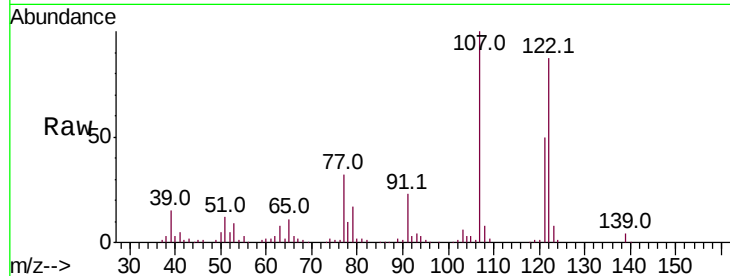
#27
2,4-Dimethylphenol
Concen: 47.599 ng
RT: 7.65 min Scan# 945
Delta R.T. -0.01 min
Lab File: BF109695.D
Acq: 9 Oct 2018 15:19

Instrument :
BNA_F
ClientSampleId :
PB113600BSD

Tot Ion	Ratio	Resp	Lower	Upper
122	100			
107	115.1	92.5	138.7	
121	57.0	45.8	68.8	

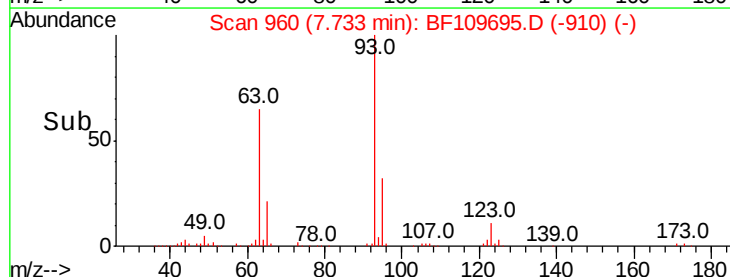
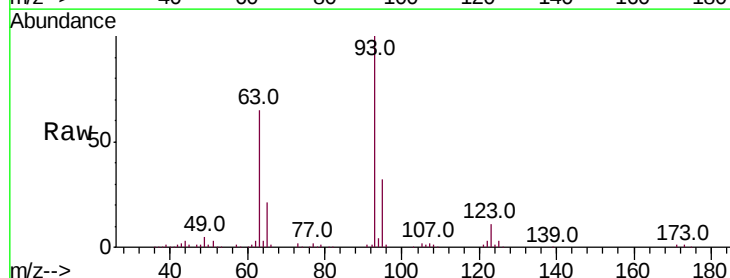
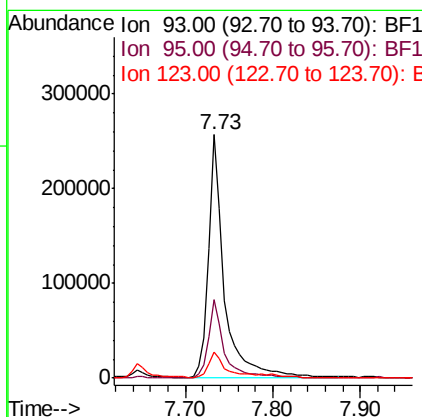
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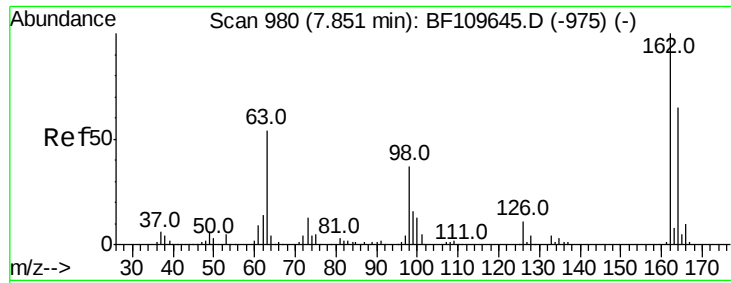
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#28
bis(2-Chloroethoxy)methane
Concen: 42.452 ng
RT: 7.73 min Scan# 960
Delta R.T. -0.01 min
Lab File: BF109695.D
Acq: 9 Oct 2018 15:19

Tgt Ion	Ratio	Resp	Lower	Upper
93	100			
95	32.2	26.4	39.6	
123	10.9	9.0	13.6	





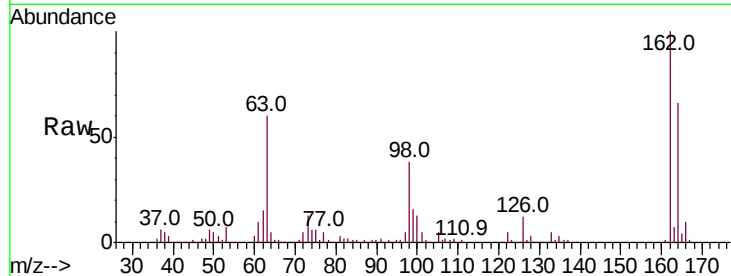
#29
 2,4-Dichlorophenol
 Concen: 43.785 ng
 RT: 7.85 min Scan# 979
 Delta R.T. -0.01 min
 Lab File: BF109695.D
 Acq: 9 Oct 2018 15:19

Instrument :
 BNA_F
 ClientSampleId :
 PB113600BSD

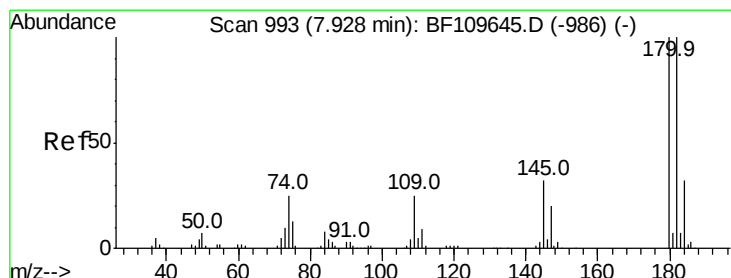
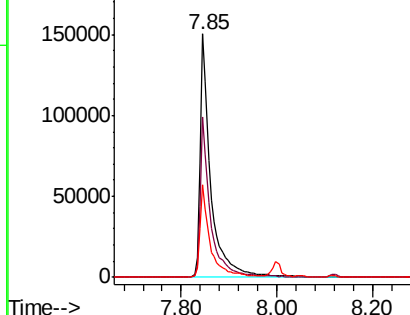
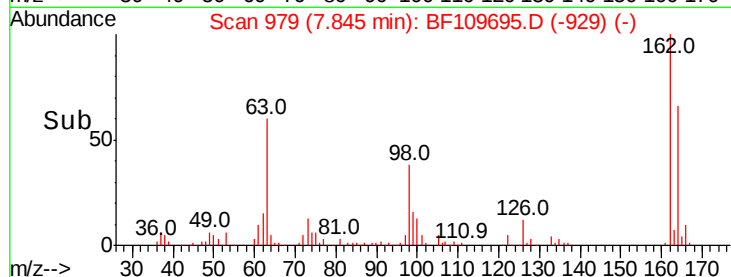
Tot Ion:	162	Resp:	234052
Ion Ratio	Lower	Upper	
162	100		
164	66.0	44.6	84.6
98	37.8	17.4	57.4

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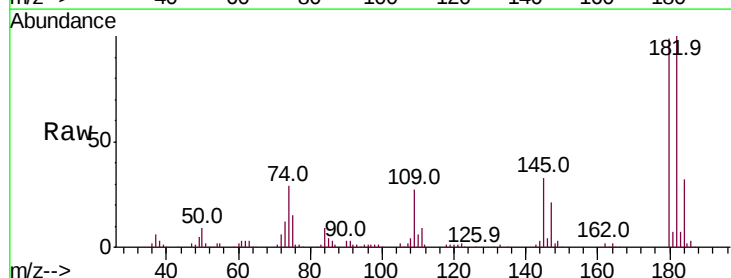


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF1

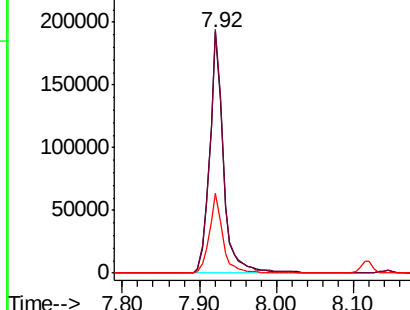
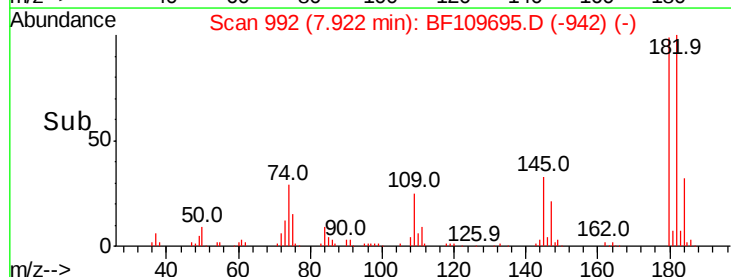


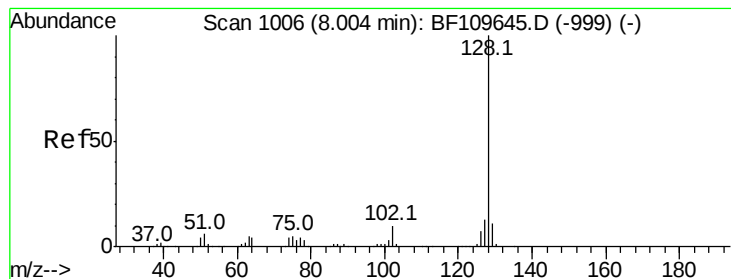
#30
 1,2,4-Trichlorobenzene
 Concen: 39.722 ng
 RT: 7.92 min Scan# 992
 Delta R.T. -0.01 min
 Lab File: BF109695.D
 Acq: 9 Oct 2018 15:19

Tgt Ion:	180	Resp:	235053
Ion Ratio	Lower	Upper	
180	100		
182	101.1	80.3	120.5
145	33.1	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: 46.497 ng

RT: 8.00 min Scan# 1005

Delta R.T. -0.01 min

Lab File: BF109695.D

Acq: 9 Oct 2018 15:19

Instrument :

BNA_F

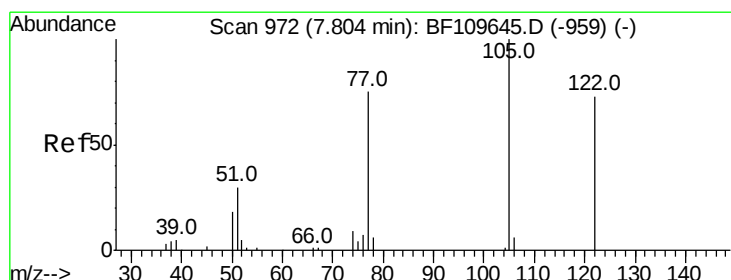
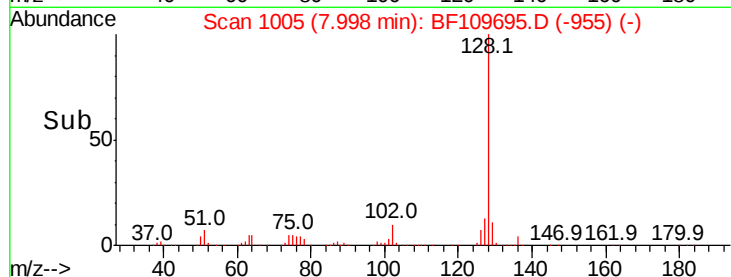
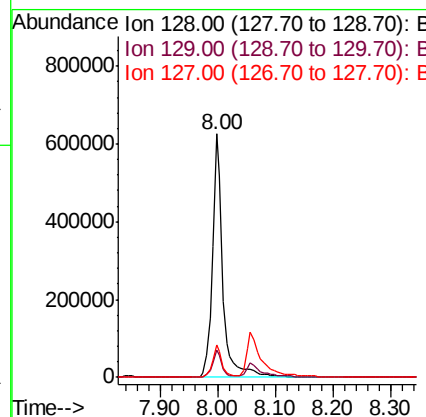
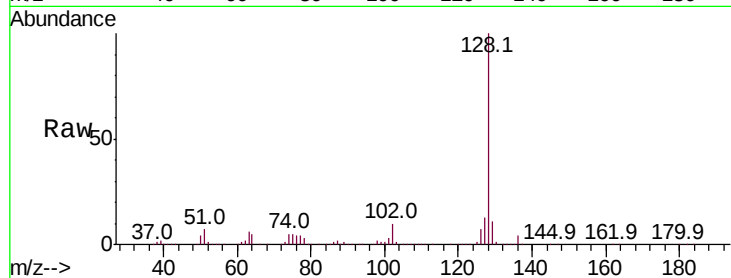
ClientSampleId :

PB113600BSD

Tot Ion:	128	Resp:	803731
Ion Ratio	Lower	Upper	
128	100		
129	11.0	8.8	13.2
127	13.4	10.8	16.2

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#32

Benzoic acid

Concen: 35.204 ng

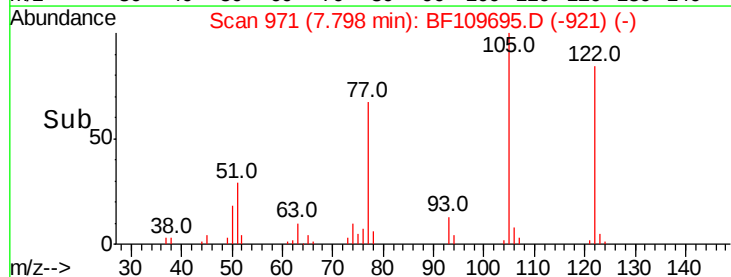
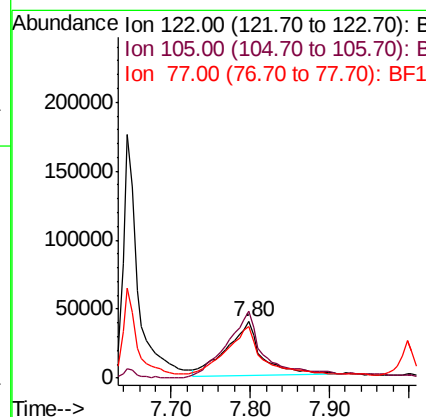
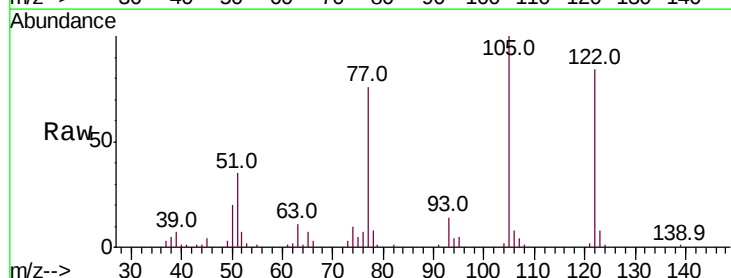
RT: 7.80 min Scan# 971

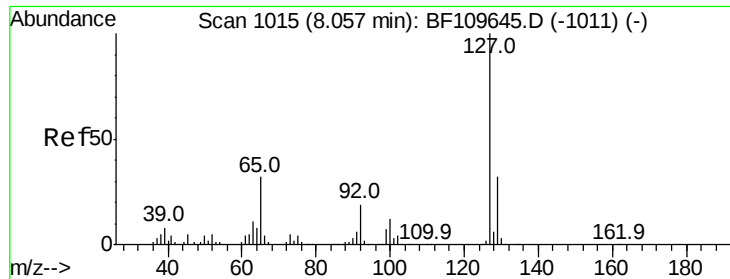
Delta R.T. -0.01 min

Lab File: BF109695.D

Acq: 9 Oct 2018 15:19

Tgt Ion:	122	Resp:	119948
Ion Ratio	Lower	Upper	
122	100		
105	119.6	109.0	149.0
77	91.1	79.0	119.0





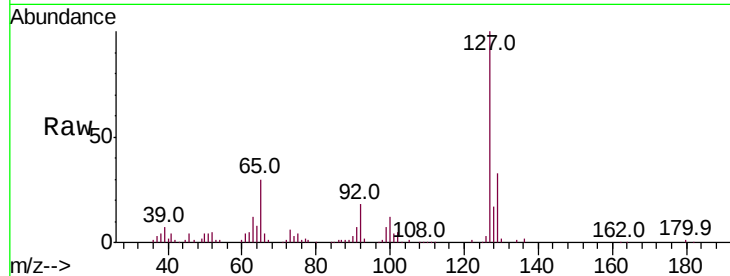
#33
4-Chloroaniline
Concen: 28.890 ng
RT: 8.06 min Scan# 1015
Delta R.T. -0.00 min
Lab File: BF109695.D
Acq: 9 Oct 2018 15:19

Instrument :
BNA_F
ClientSampleId :
PB113600BSD

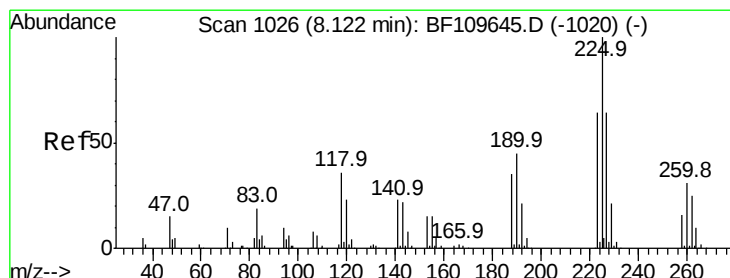
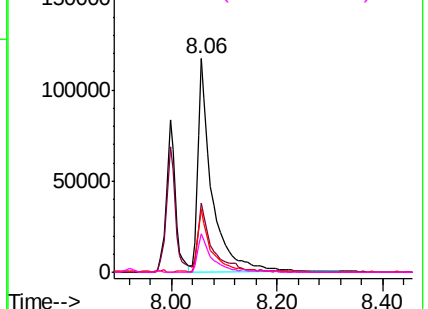
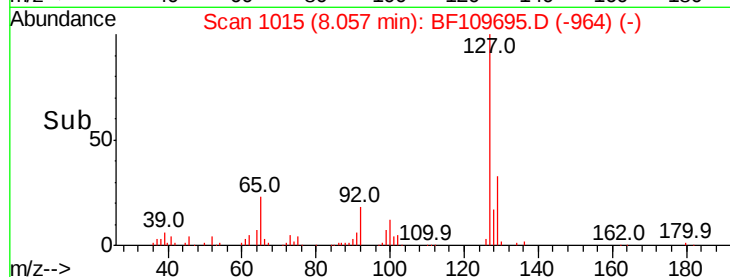
Tot Ion	Ratio	Resp	Lower	Upper
127	100			
129	32.6	26.0	39.0	
65	29.6	25.1	37.7	
92	18.1	15.0	22.6	

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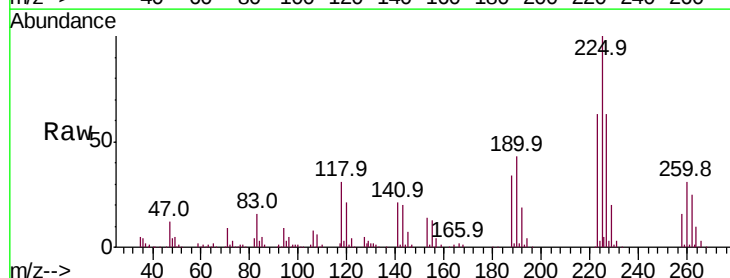


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1

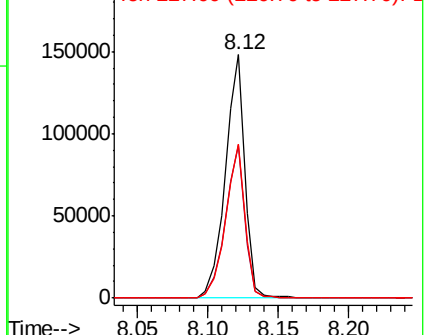
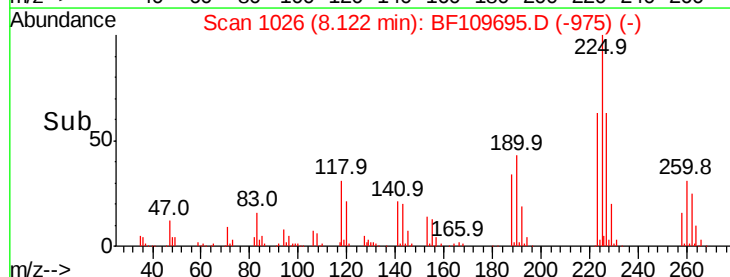


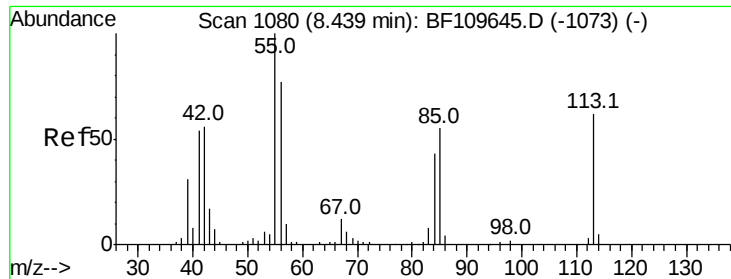
#34
Hexachlorobutadiene
Concen: 38.676 ng
RT: 8.12 min Scan# 1026
Delta R.T. -0.00 min
Lab File: BF109695.D
Acq: 9 Oct 2018 15:19

Tgt Ion	Ratio	Resp	Lower	Upper
225	100			
223	62.5	51.4	77.2	
227	63.4	51.0	76.6	



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





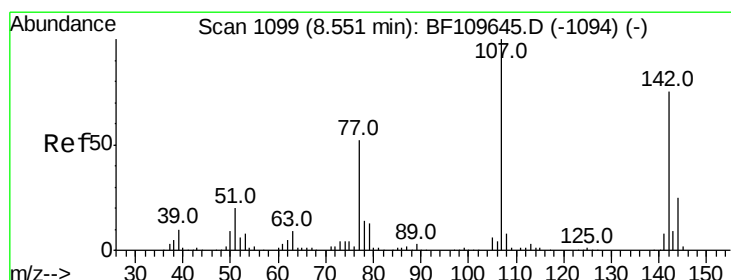
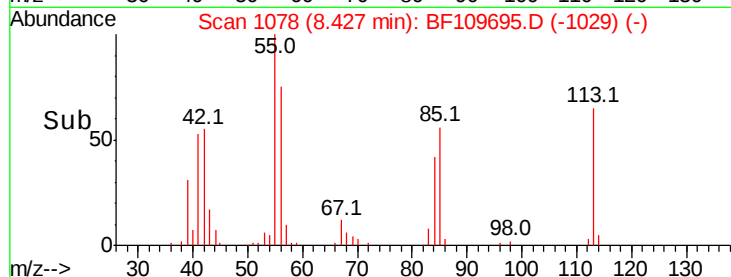
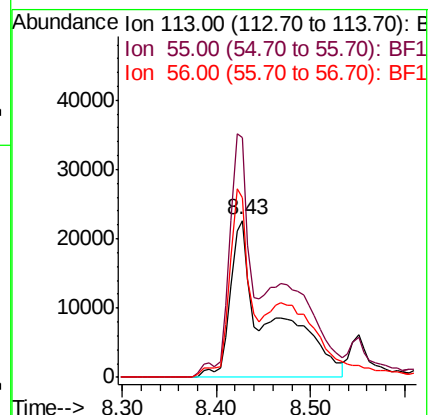
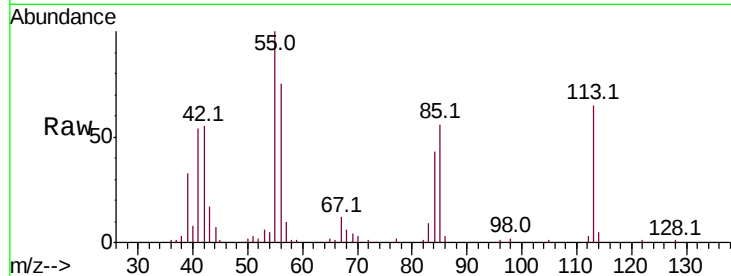
#35
Caprolactam
Concen: 41.433 ng/ml
RT: 8.43 min Scan# 1078
Delta R.T. -0.01 min
Lab File: BF109695.D
Acq: 9 Oct 2018 15:19

Instrument :
BNA_F
ClientSampleID :
PB113600BSD

Tot Ion:113 Resp: 66144
Ion Ratio Lower Upper
113 100
55 153.1 142.8 182.8
56 114.5 105.0 145.0

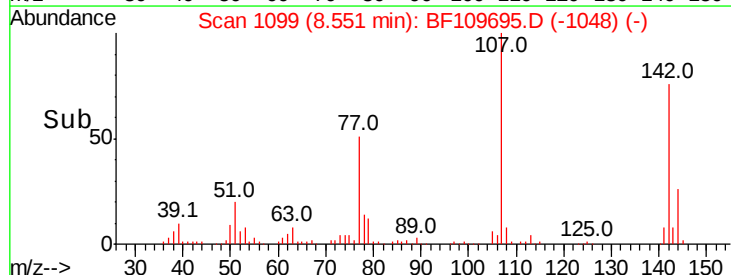
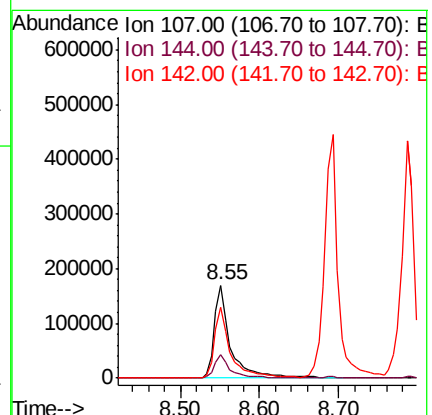
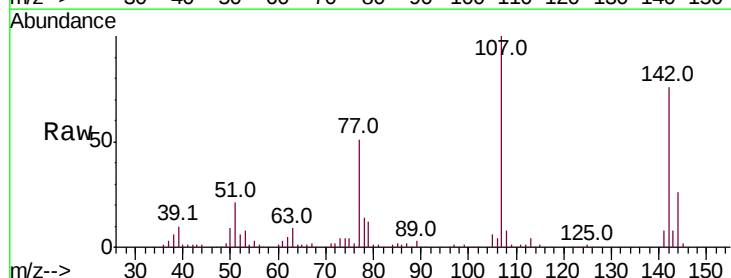
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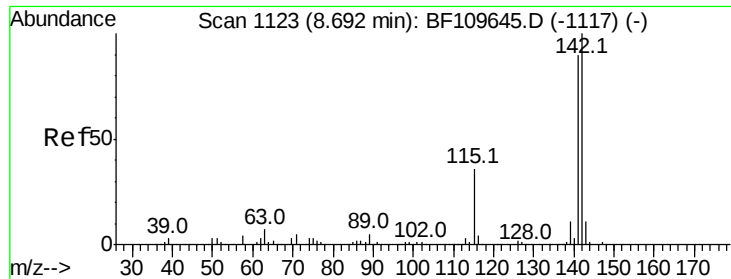
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#36
4-Chloro-3-methylphenol
Concen: 43.274 ng/ml
RT: 8.55 min Scan# 1099
Delta R.T. -0.00 min
Lab File: BF109695.D
Acq: 9 Oct 2018 15:19

Tgt Ion:107 Resp: 244176
Ion Ratio Lower Upper
107 100
144 25.6 20.0 30.0
142 76.1 59.7 89.5





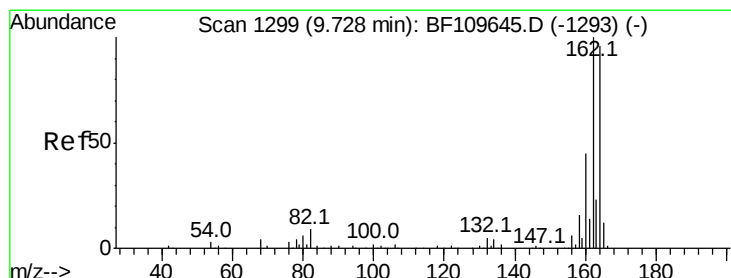
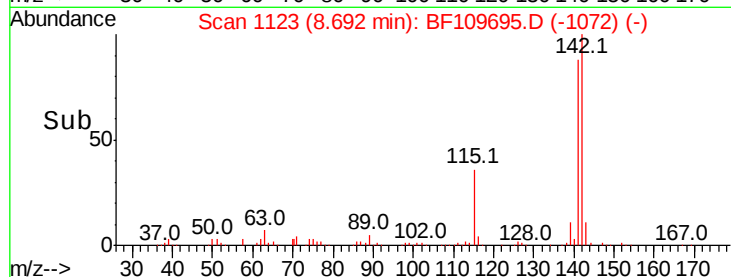
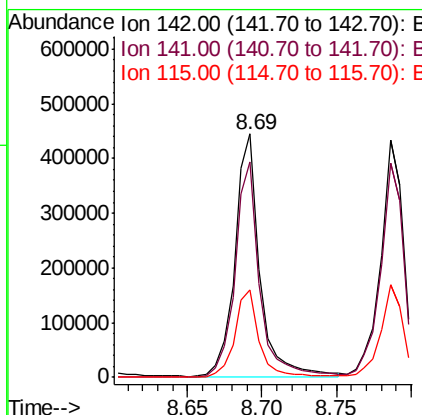
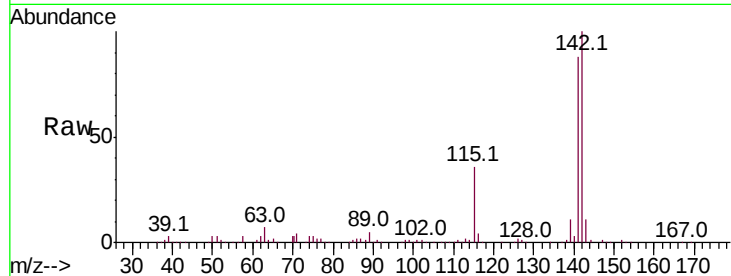
#37
2-Methylnaphthalene
Concen: 46.174 ng
RT: 8.69 min Scan# 1123
Delta R.T. -0.00 min
Lab File: BF109695.D
Acq: 9 Oct 2018 15:19

Instrument :
BNA_F
ClientSampleId :
PB113600BSD

Tot Ion	Ratio	Lower	Upper
142	100		
141	88.3	71.4	107.2
115	35.9	28.7	43.1

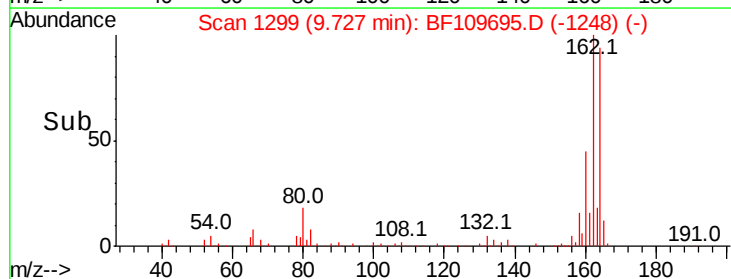
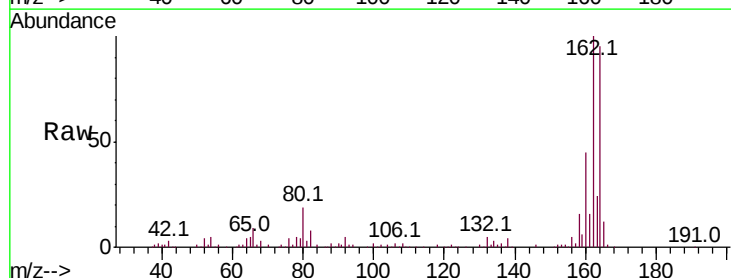
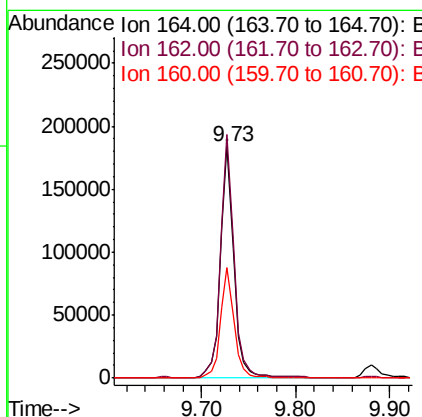
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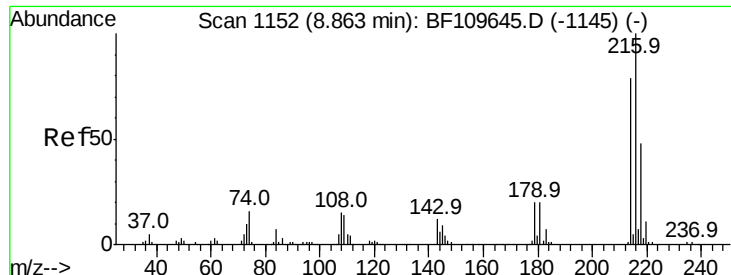
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#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.73 min Scan# 1299
Delta R.T. -0.00 min
Lab File: BF109695.D
Acq: 9 Oct 2018 15:19

Tgt Ion	Ratio	Lower	Upper
164	100		
162	105.2	83.0	124.6
160	47.6	37.0	55.6





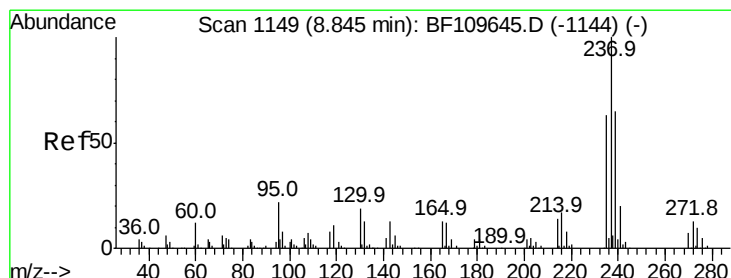
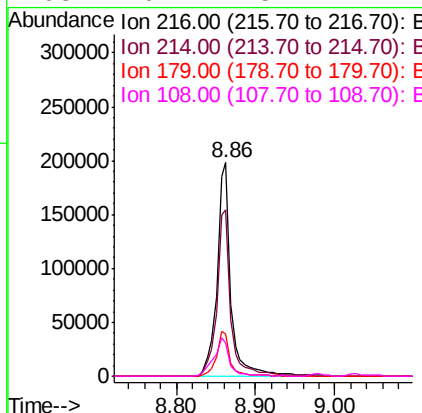
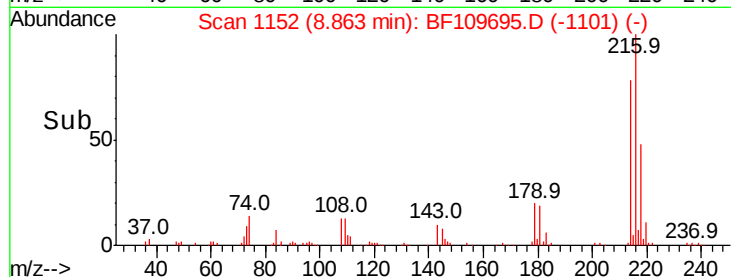
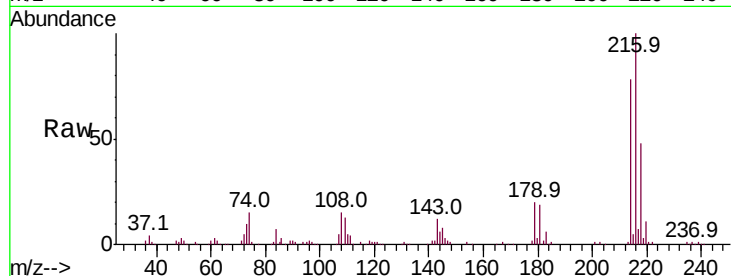
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 38.025 ng
 RT: 8.86 min Scan# 1152
 Delta R.T. -0.00 min
 Lab File: BF109695.D
 Acq: 9 Oct 2018 15:19

Instrument :
 BNA_F
 ClientSampleId :
 PB113600BSD

Tot Ion	Ratio	Resp Lower	Upper
216	100		
214	78.6	63.8	95.6
179	20.9	16.6	25.0
108	20.7	15.1	22.7

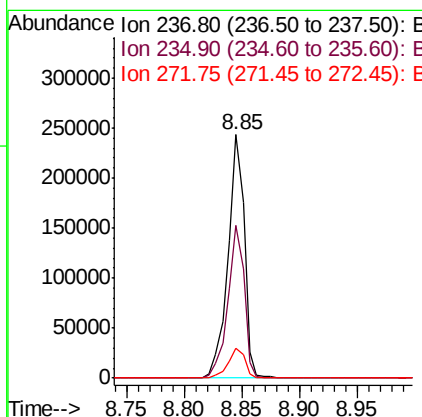
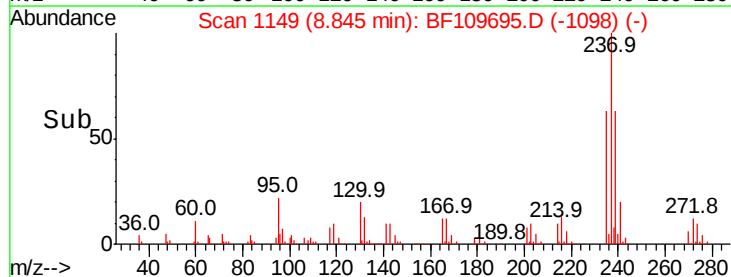
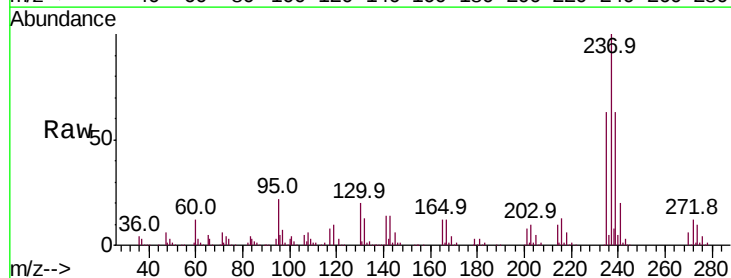
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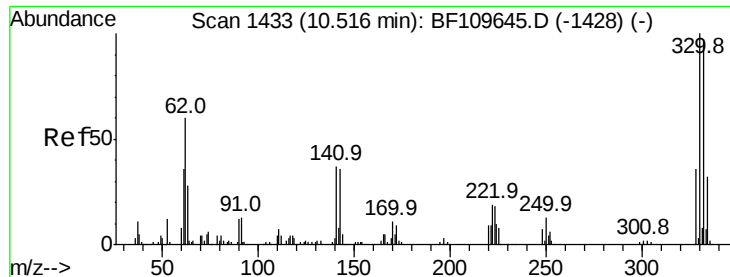
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#40
 Hexachlorocyclopentadiene
 Concen: 85.554 ng
 RT: 8.85 min Scan# 1149
 Delta R.T. 0.00 min
 Lab File: BF109695.D
 Acq: 9 Oct 2018 15:19

Tgt Ion	Ratio	Resp Lower	Upper
237	100		
235	62.9	43.1	83.1
272	12.4	0.0	32.6





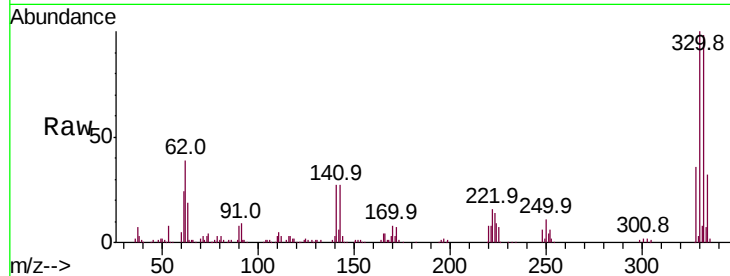
#41
 2,4,6-Tribromophenol
 Concen: 127.192 ng
 RT: 10.52 min Scan# 1434
 Delta R.T. 0.01 min
 Lab File: BF109695.D
 Acq: 9 Oct 2018 15:19

Instrument :
 BNA_F
 ClientSampleId :
 PB113600BSD

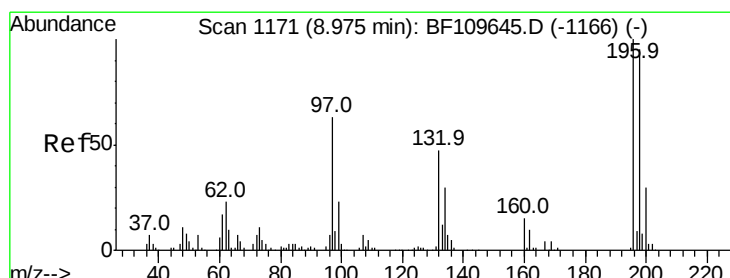
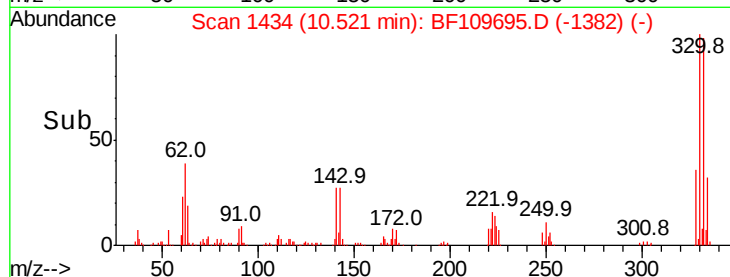
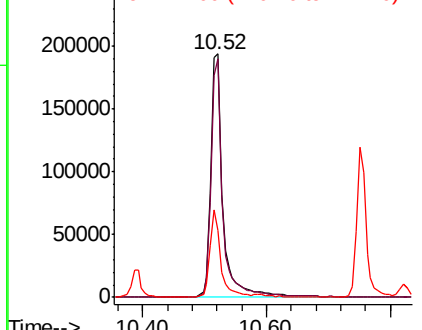
Tot Ion	Ratio	Resp	Lower	Upper
330	100	258318		
332	94.6	77.1	115.7	
141	32.1	27.0	40.4	

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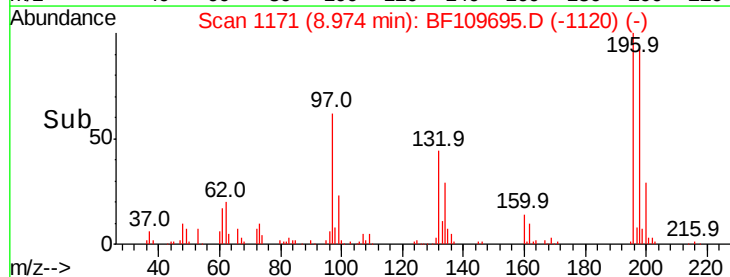
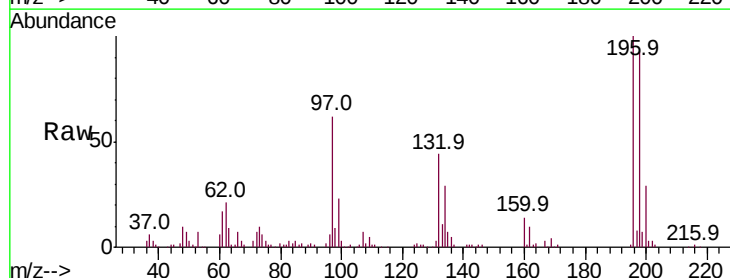
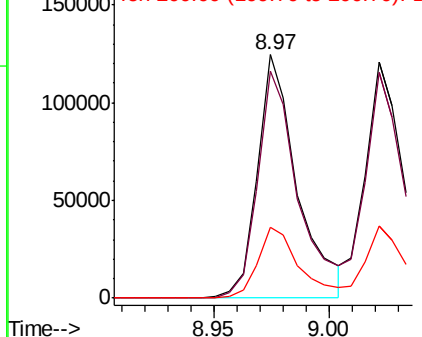
Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

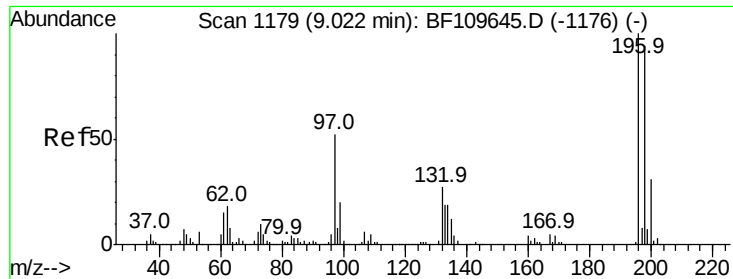


#42
 2,4,6-Trichlorophenol
 Concen: 39.419 ng
 RT: 8.97 min Scan# 1171
 Delta R.T. -0.00 min
 Lab File: BF109695.D
 Acq: 9 Oct 2018 15:19

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	149511		
198	93.4	76.2	114.4	
200	29.0	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





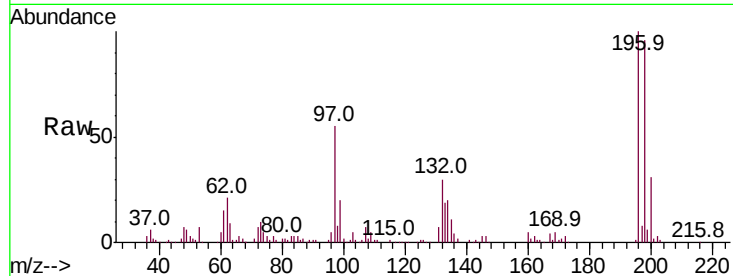
#43
2,4,5-Trichlorophenol
Concen: 39.627 ng
RT: 9.02 min Scan# 1179
Delta R.T. -0.00 min
Lab File: BF109695.D
Acq: 9 Oct 2018 15:19

Instrument :
BNA_F
ClientSampleId :
PB113600BSD

Tot Ion	Ratio	Resp	Lower	Upper
196	100	172817		
198	95.7	75.8	113.6	
97	54.8	42.4	63.6	
132	30.1	22.8	34.2	

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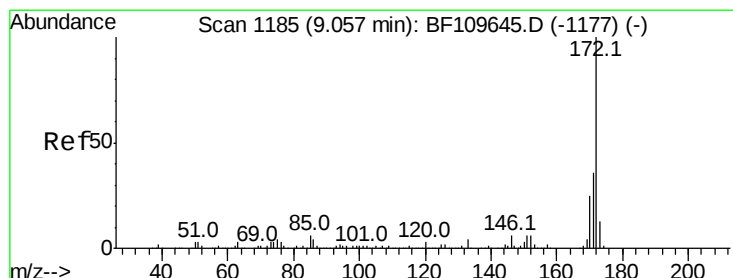
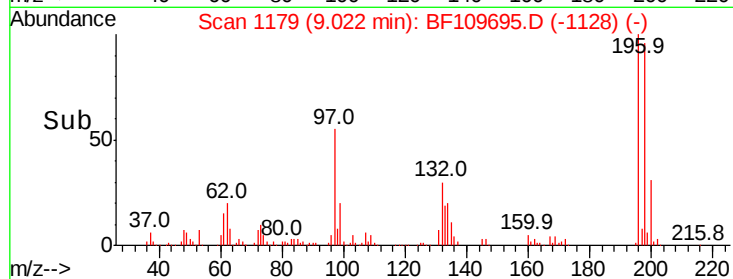
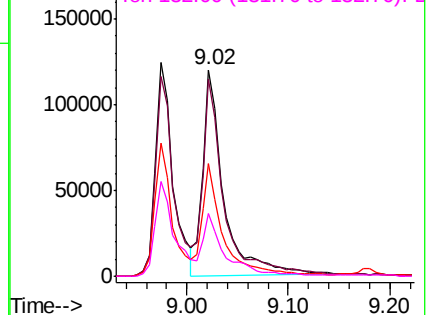
Abundance

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: 82.560 ng
RT: 9.06 min Scan# 1185
Delta R.T. -0.00 min
Lab File: BF109695.D
Acq: 9 Oct 2018 15:19

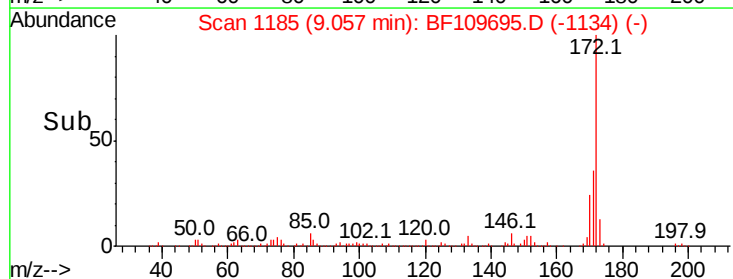
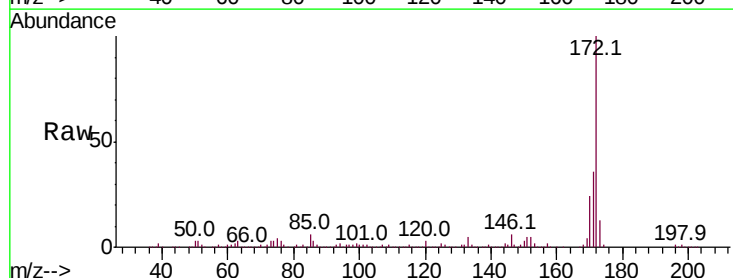
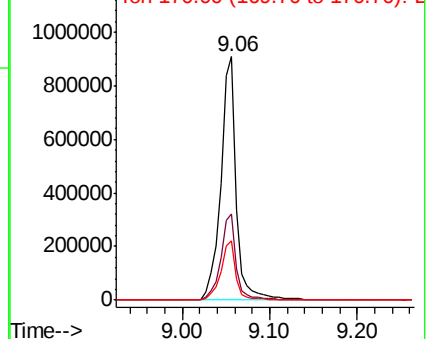
Tgt Ion	Ratio	Resp	Lower	Upper
172	100	1117324		
171	35.5	28.6	43.0	
170	24.1	19.7	29.5	

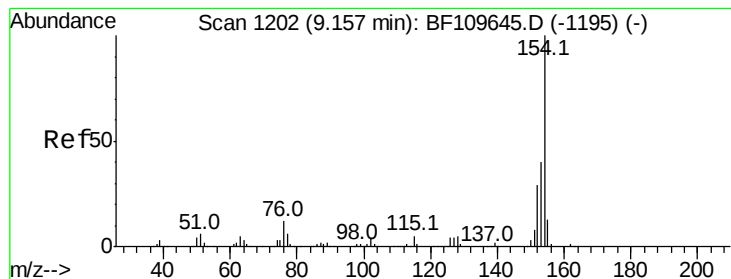
Abundance

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: 37.963 ng

RT: 9.16 min Scan# 1202

Delta R.T. -0.00 min

Lab File: BF109695.D

Acq: 9 Oct 2018 15:19

Instrument :

BNA_F

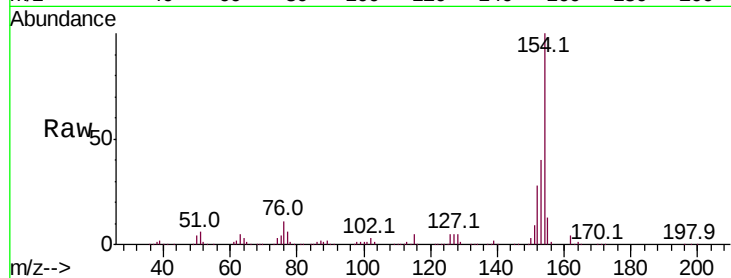
ClientSampleId :

PB113600BSD

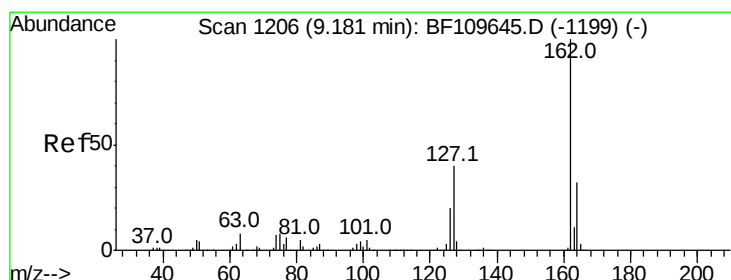
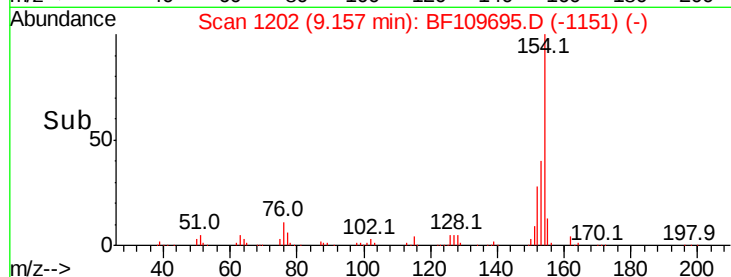
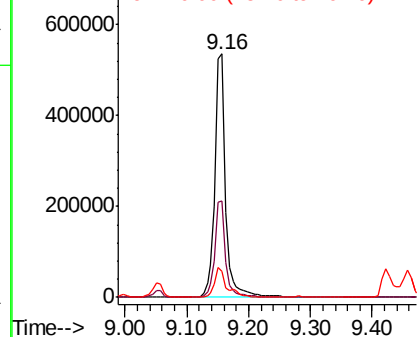
Tot Ion:	154	Resp:	632129
Ion Ratio	Lower	Upper	
154	100		
153	39.7	20.4	60.4
76	10.9	0.0	31.9

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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: 39.315 ng

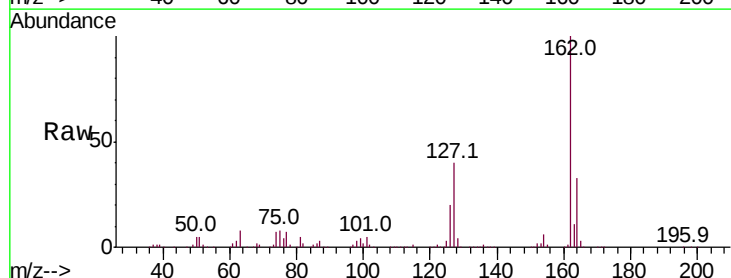
RT: 9.18 min Scan# 1206

Delta R.T. -0.00 min

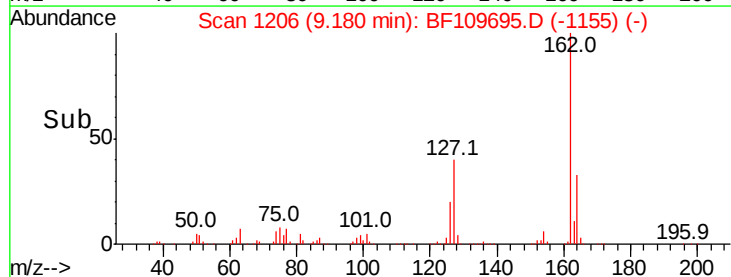
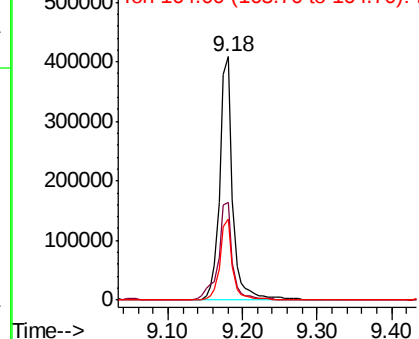
Lab File: BF109695.D

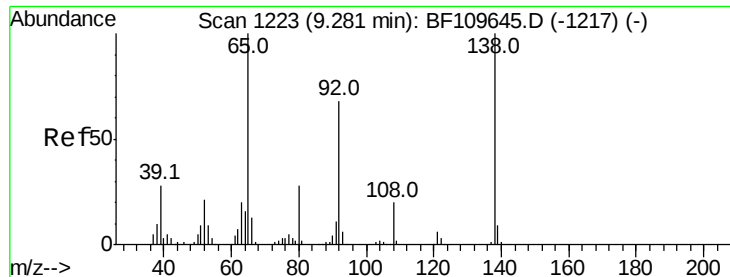
Acq: 9 Oct 2018 15:19

Tgt Ion:	162	Resp:	490457
Ion Ratio	Lower	Upper	
162	100		
127	40.1	32.6	48.8
164	33.1	25.9	38.9



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





#47

2-Nitroaniline

Concen: 41.041 ng

RT: 9.28 min Scan# 1223

Delta R.T. -0.00 min

Lab File: BF109695.D

Acq: 9 Oct 2018 15:19

Instrument :

BNA_F

ClientSampleId :

PB113600BSD

Tot Ion: 65 Resp: 155025

Ion Ratio Lower Upper

65 100

92 70.7 54.6 81.8

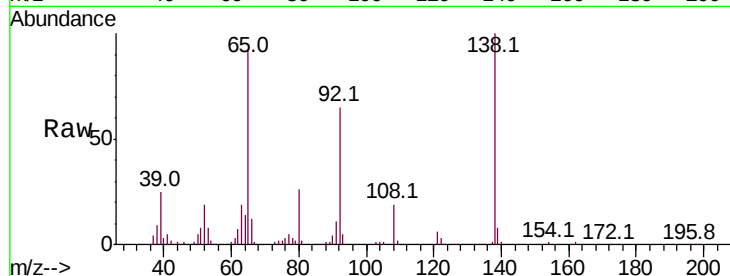
138 108.5 80.3 120.5

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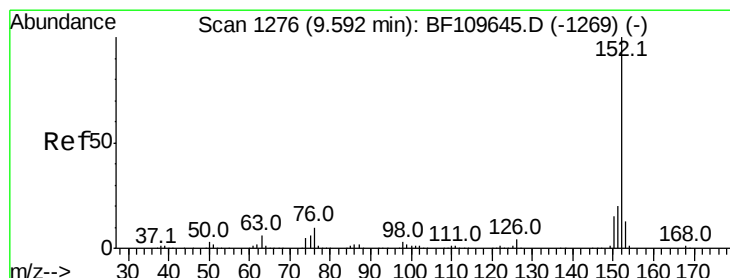
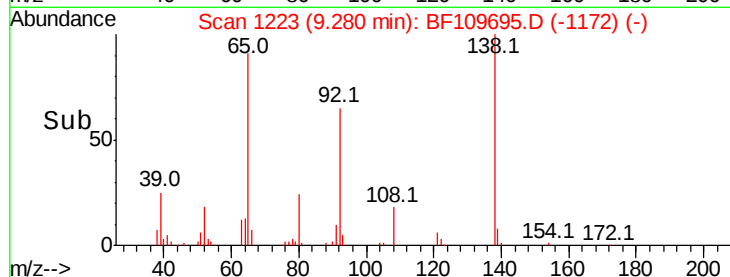
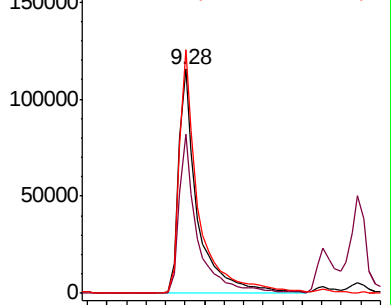
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Abundance Ion 65.00 (64.70 to 65.70): BF1

Ion 92.00 (91.70 to 92.70): BF1

Ion 138.00 (137.70 to 138.70): BF1



#48

Acenaphthylene

Concen: 43.234 ng

RT: 9.59 min Scan# 1276

Delta R.T. -0.00 min

Lab File: BF109695.D

Acq: 9 Oct 2018 15:19

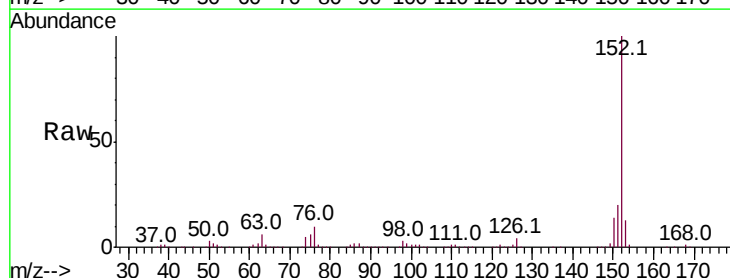
Tgt Ion: 152 Resp: 786282

Ion Ratio Lower Upper

152 100

151 20.0 15.8 23.8

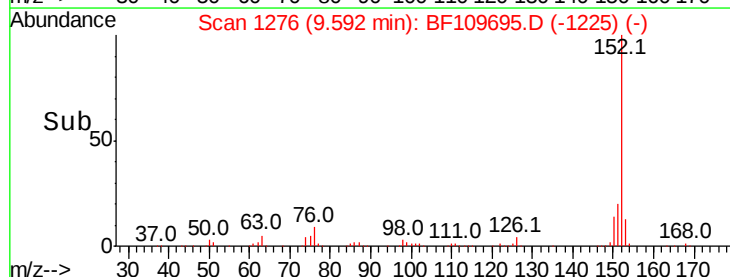
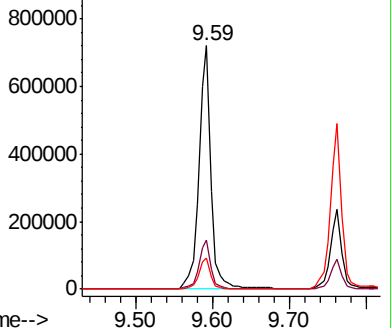
153 12.9 10.4 15.6

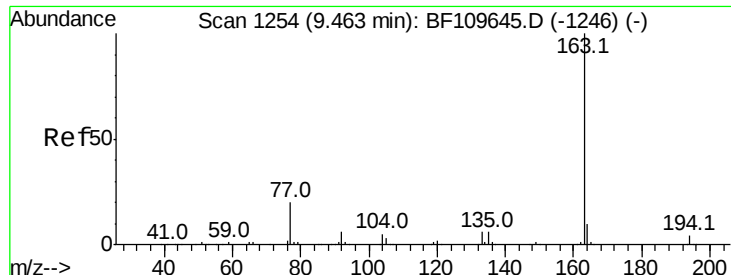


Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E





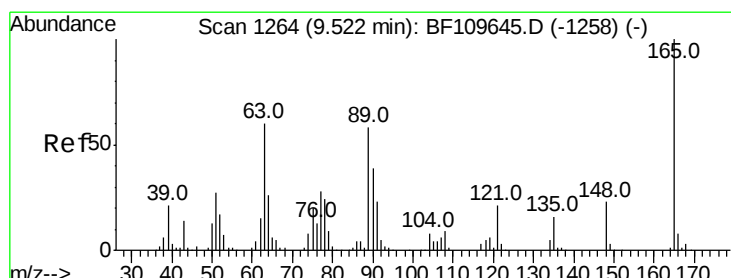
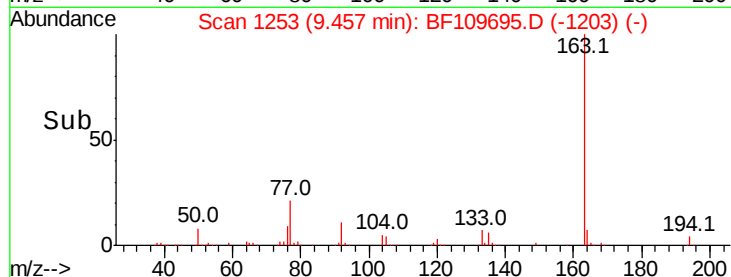
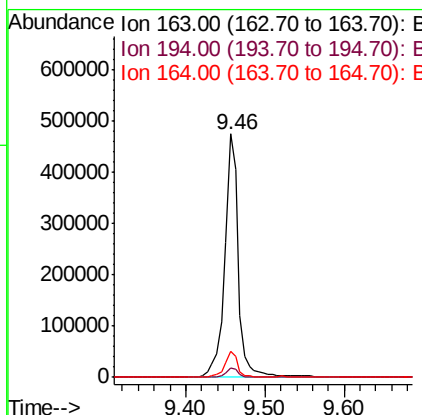
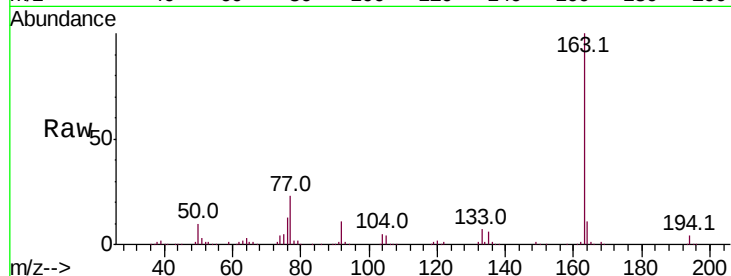
#49
Dimethylphthalate
Concen: 41.154 ng
RT: 9.46 min Scan# 1253
Delta R.T. -0.01 min
Lab File: BF109695.D
Acq: 9 Oct 2018 15:19

Instrument :
BNA_F
ClientSampleId :
PB113600BSD

Tot Ion	Ratio	Resp	Lower	Upper
163	100	562580		
194	3.7		3.2	4.8
164	10.6		8.1	12.1

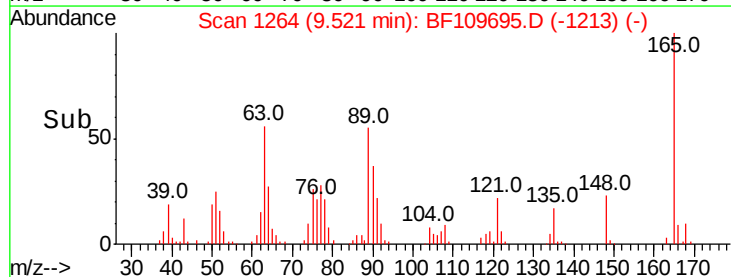
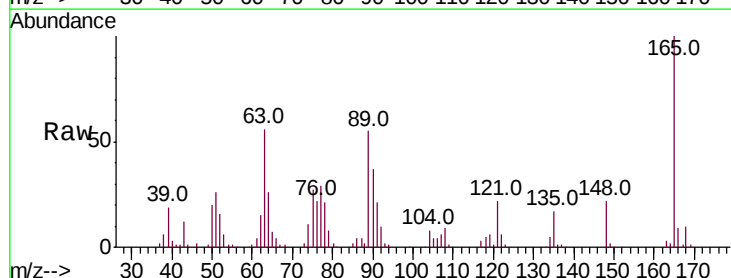
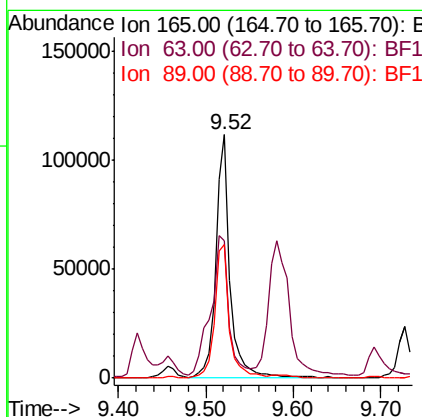
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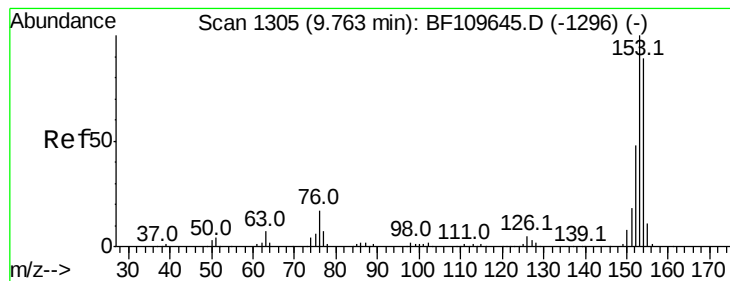
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#50
2,6-Dinitrotoluene
Concen: 42.384 ng
RT: 9.52 min Scan# 1264
Delta R.T. -0.00 min
Lab File: BF109695.D
Acq: 9 Oct 2018 15:19

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	125592		
63	56.4		48.9	73.3
89	54.8		46.6	69.8





#51

Acenaphthene

Concen: 40.217 ng

RT: 9.76 min Scan# 1305

Delta R.T. -0.00 min

Lab File: BF109695.D

Acq: 9 Oct 2018 15:19

Instrument :

BNA_F

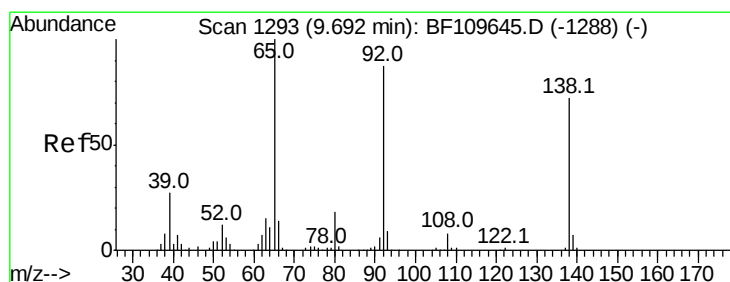
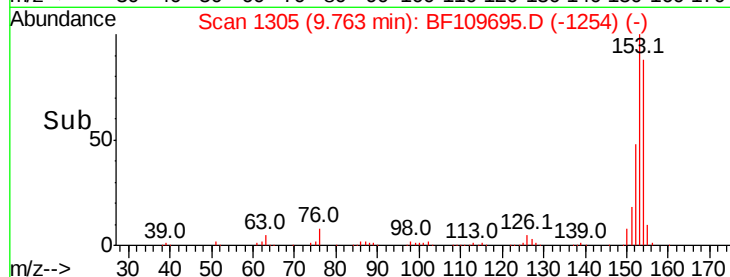
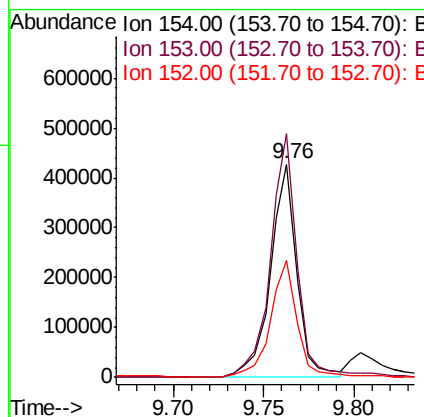
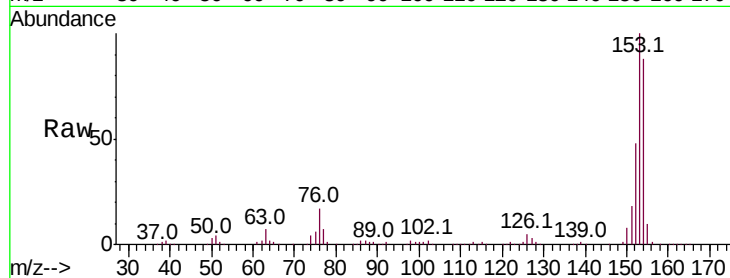
ClientSampleId :

PB113600BSD

Tot Ion:	154	Resp:	433587
Ion Ratio	Lower	Upper	
154	100		
153	114.2	90.1	135.1
152	54.9	43.4	65.2

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#52

3-Nitroaniline

Concen: 28.608 ng

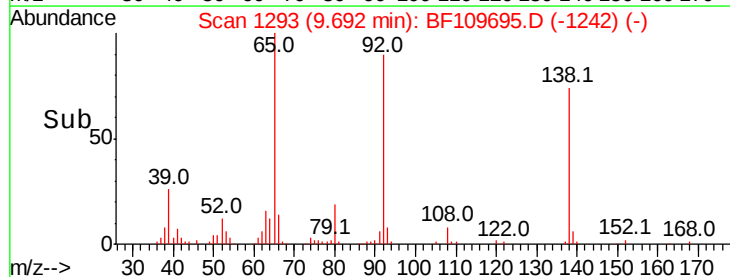
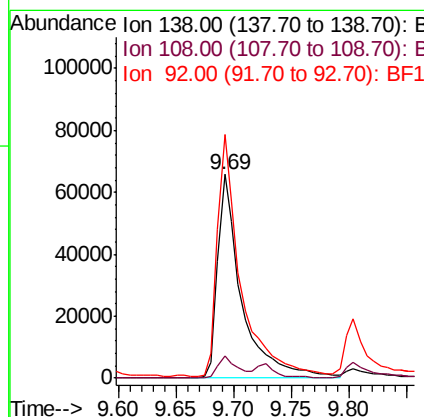
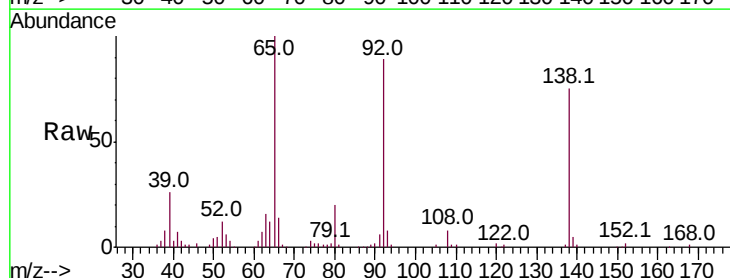
RT: 9.69 min Scan# 1293

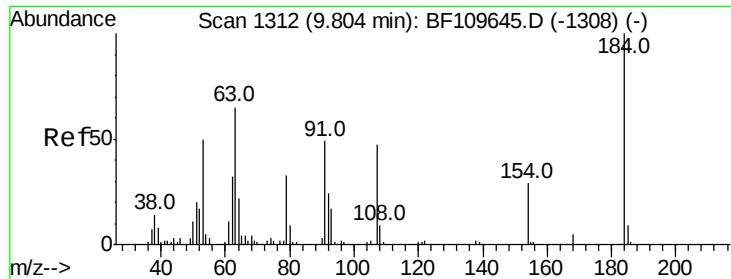
Delta R.T. -0.00 min

Lab File: BF109695.D

Acq: 9 Oct 2018 15:19

Tgt Ion:	138	Resp:	95025
Ion Ratio	Lower	Upper	
138	100		
108	11.2	8.7	13.1
92	119.6	97.0	145.4





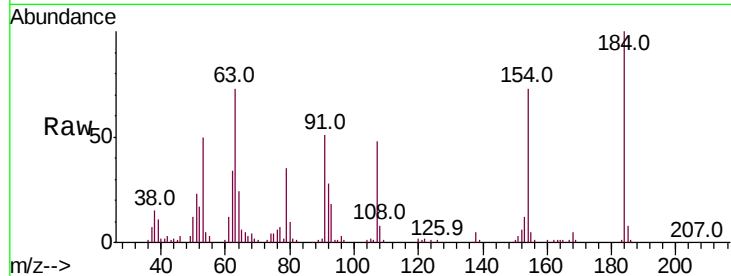
#53
2,4-Dinitrophenol
Concen: 94.009 ng
RT: 9.80 min Scan# 1312
Delta R.T. -0.00 min
Lab File: BF109695.D
Acq: 9 Oct 2018 15:19

Instrument :
BNA_F
ClientSampleId :
PB113600BSD

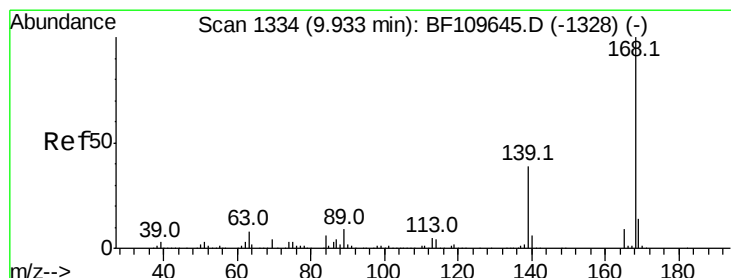
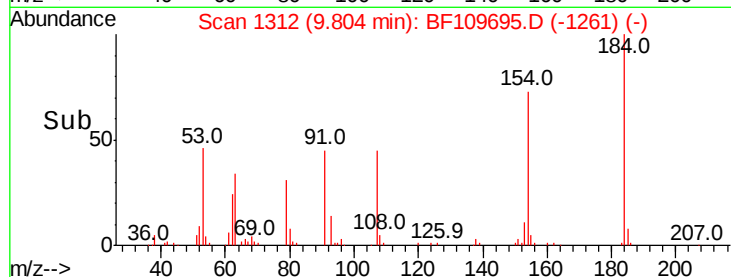
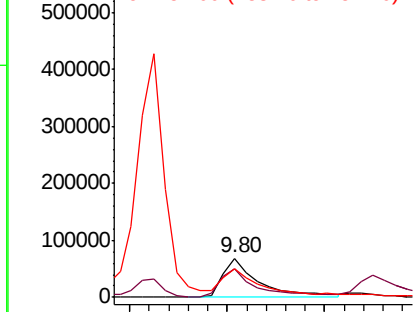
Tot Ion	Ratio	Lower	Upper
184	100		
63	72.8	55.8	83.6
154	73.3	63.2	94.8

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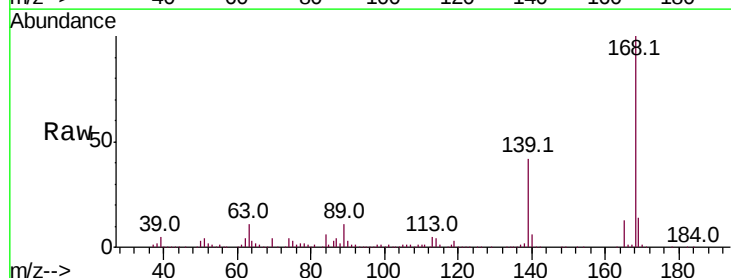


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 154.00 (153.70 to 154.70): E

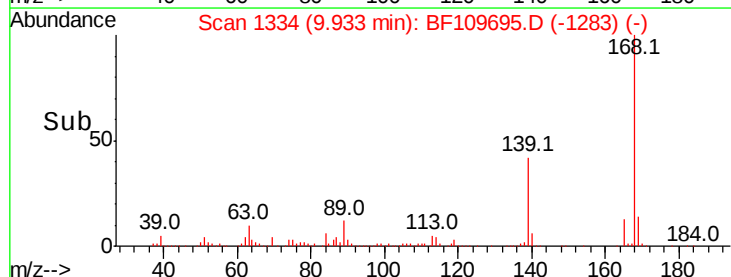
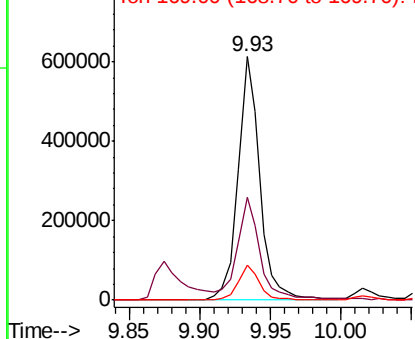


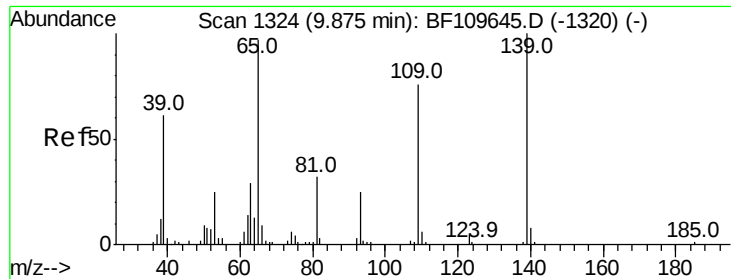
#54
Dibenzofuran
Concen: 40.973 ng
RT: 9.93 min Scan# 1334
Delta R.T. -0.00 min
Lab File: BF109695.D
Acq: 9 Oct 2018 15:19

Tgt Ion	Ratio	Lower	Upper
168	100		
139	42.3	33.0	49.6
169	14.2	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





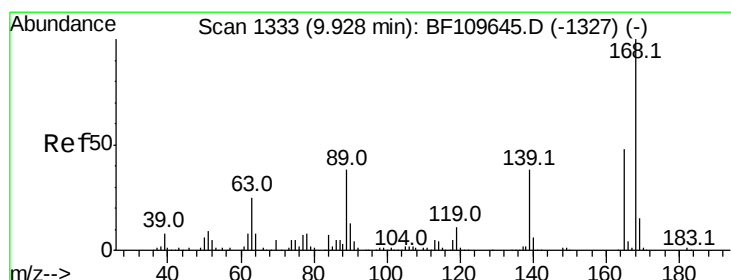
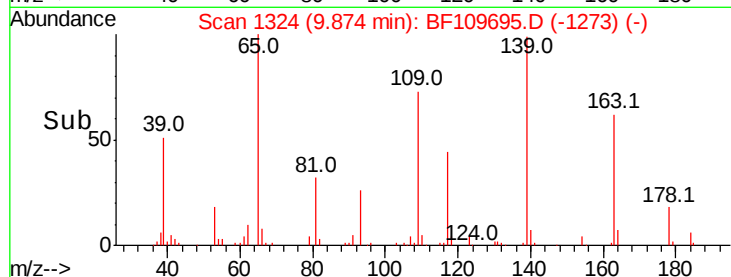
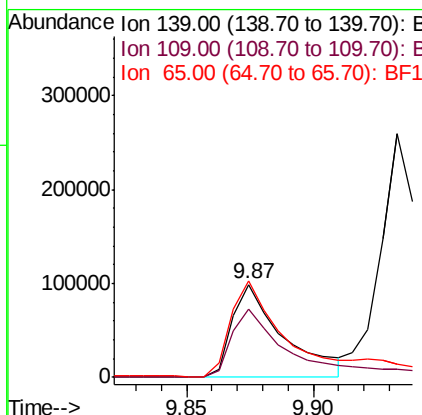
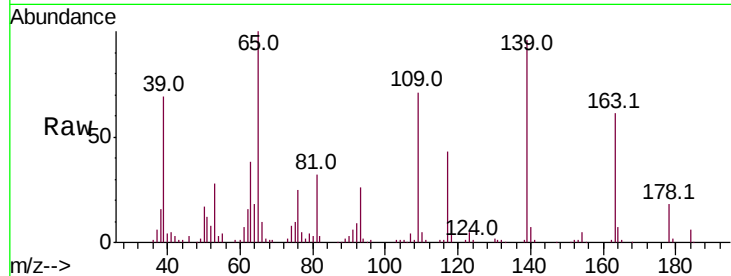
#55
4-Nitrophenol
Concen: 76.304 ng
RT: 9.87 min Scan# 1324
Delta R.T. -0.00 min
Lab File: BF109695.D
Acq: 9 Oct 2018 15:19

Instrument :
BNA_F
ClientSampleId :
PB113600BSD

Tot Ion	Ratio	Resp	Lower	Upper
139	100			
109	74.3	55.8	95.8	
65	104.3	77.9	117.9	

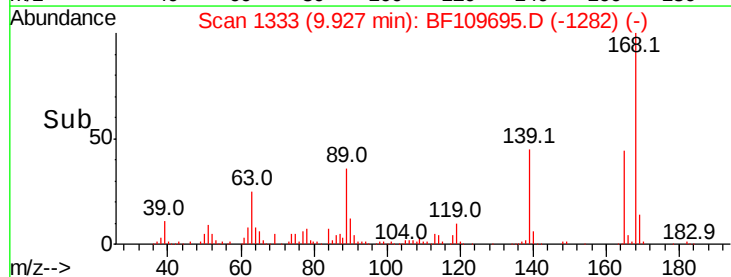
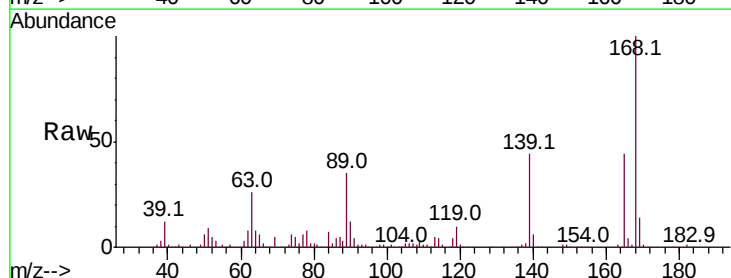
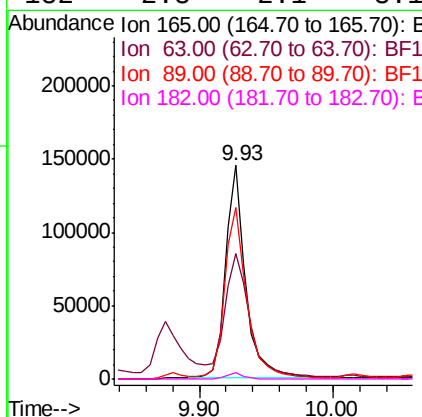
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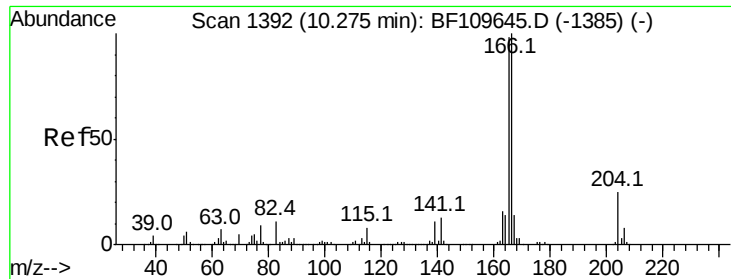
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#56
2,4-Dinitrotoluene
Concen: 41.676 ng
RT: 9.93 min Scan# 1333
Delta R.T. -0.00 min
Lab File: BF109695.D
Acq: 9 Oct 2018 15:19

Tgt Ion	Ratio	Resp	Lower	Upper
165	100			
63	58.8	44.8	67.2	
89	80.5	62.2	93.4	
182	2.8	2.1	3.1	





#57

Fluorene

Concen: 43.610 ng

RT: 10.27 min Scan# 1392

Delta R.T. -0.00 min

Lab File: BF109695.D

Acq: 9 Oct 2018 15:19

Instrument :

BNA_F

ClientSampleId :

PB113600BSD

Tot Ion:166 Resp: 526306

Ion Ratio Lower Upper

166 100

165 97.3 78.6 117.8

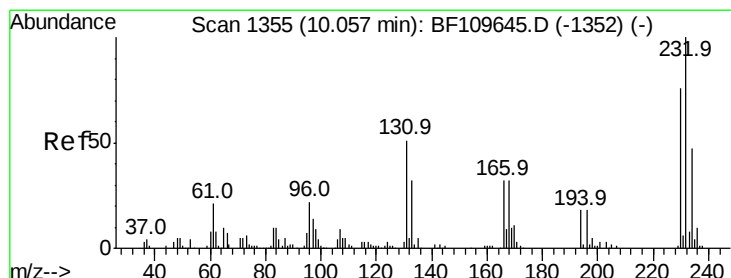
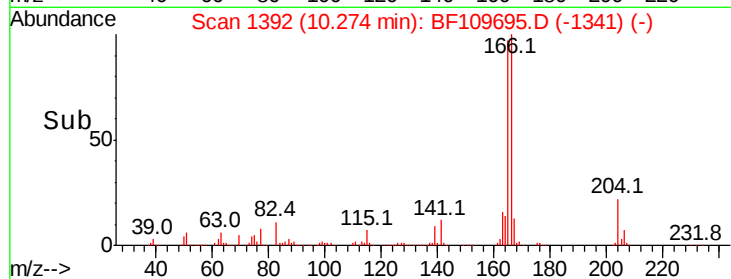
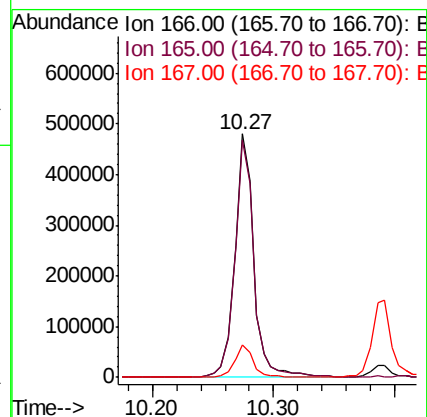
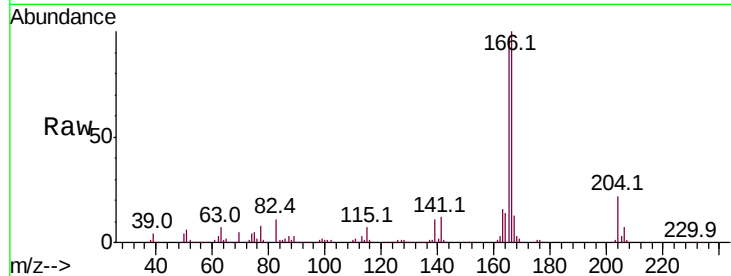
167 13.3 10.8 16.2

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#58

2,3,4,6-Tetrachlorophenol

Concen: 44.260 ng

RT: 10.06 min Scan# 1355

Delta R.T. -0.00 min

Lab File: BF109695.D

Acq: 9 Oct 2018 15:19

Tgt Ion:232 Resp: 156905

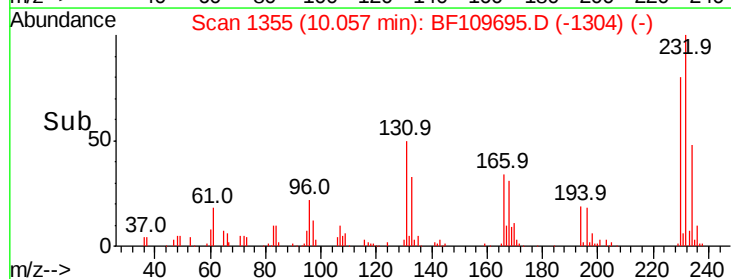
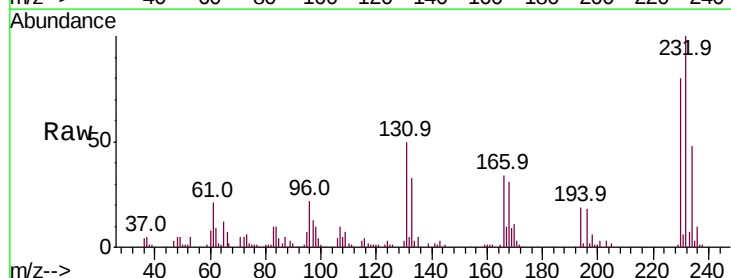
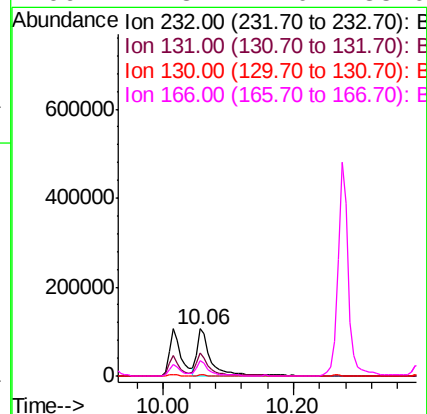
Ion Ratio Lower Upper

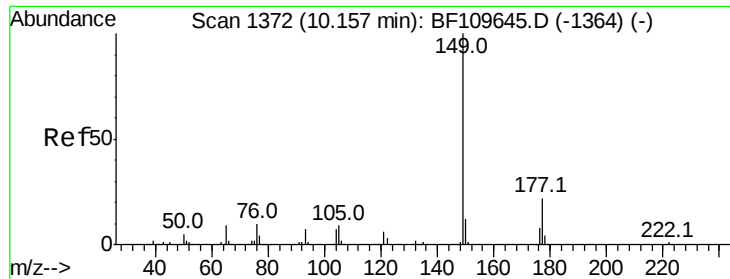
232 100

131 45.5 37.0 55.4

130 2.1 1.8 2.6

166 27.3 22.0 33.0





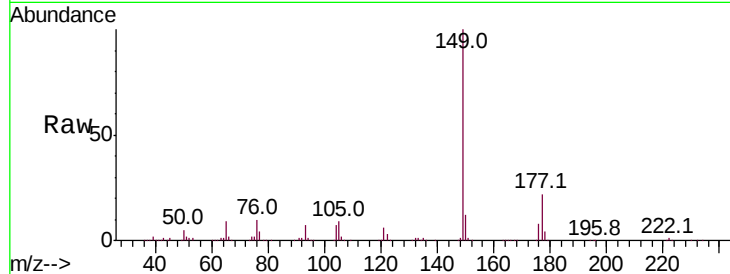
#59
Diethylphthalate
Concen: 41.439 ng
RT: 10.16 min Scan# 1372
Delta R.T. -0.00 min
Lab File: BF109695.D
Acq: 9 Oct 2018 15:19

Instrument :
BNA_F
ClientSampleId :
PB113600BSD

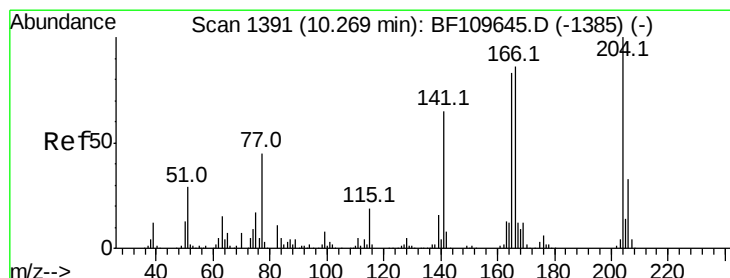
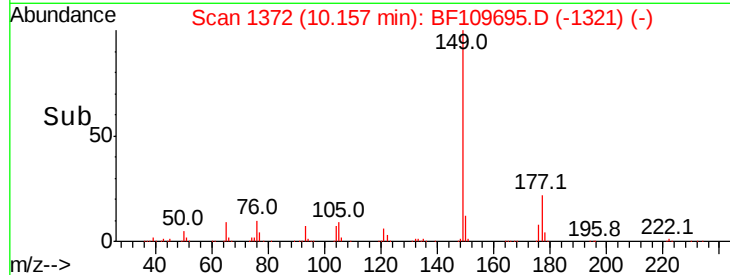
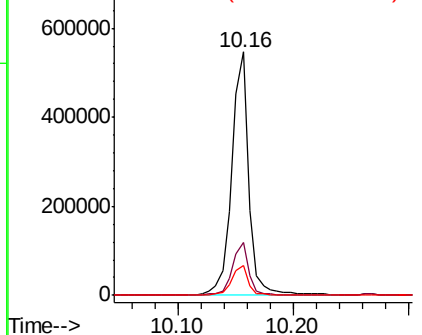
Tot Ion	Ratio	Lower	Upper
149	100		
177	21.8	17.4	26.2
150	12.0	9.8	14.8

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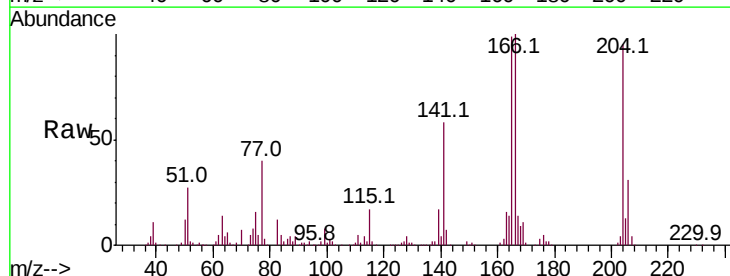


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

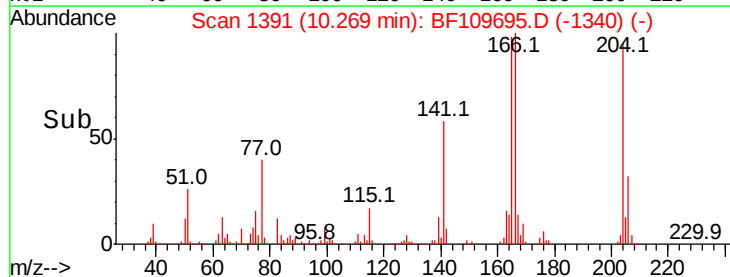
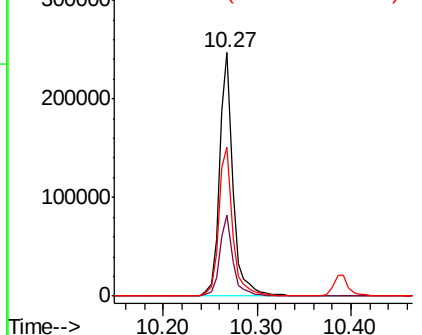


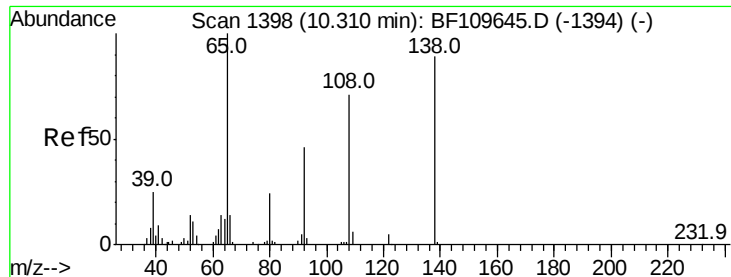
#60
4-Chlorophenyl-phenylether
Concen: 38.965 ng
RT: 10.27 min Scan# 1391
Delta R.T. -0.00 min
Lab File: BF109695.D
Acq: 9 Oct 2018 15:19

Tgt Ion	Ratio	Lower	Upper
204	100		
206	33.2	26.5	39.7
141	61.2	51.8	77.8



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





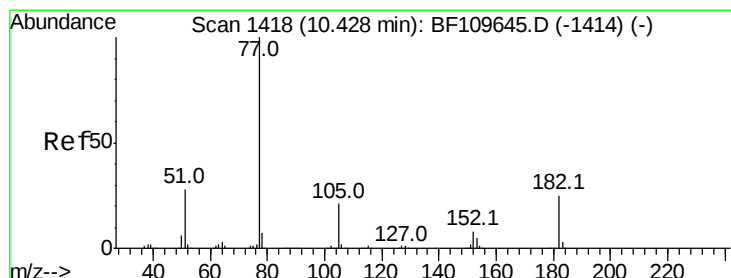
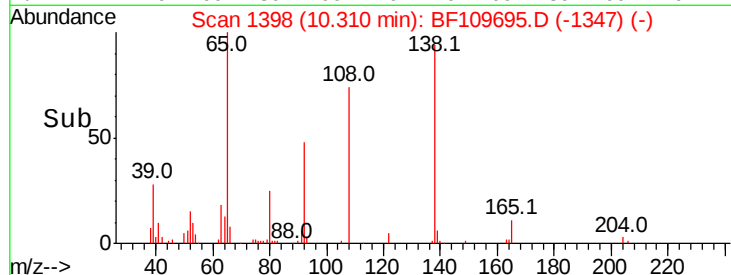
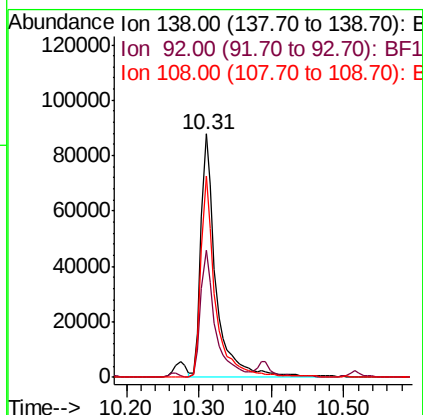
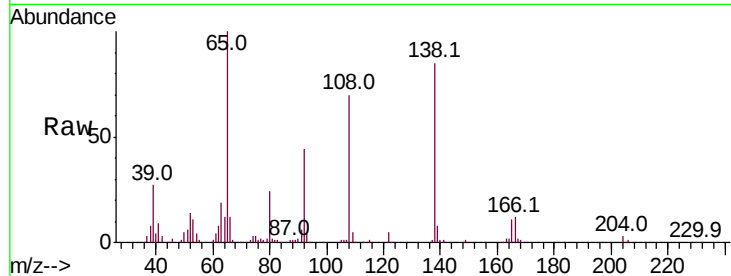
#61
4-Nitroaniline
Concen: 41.208 ng
RT: 10.31 min Scan# 1398
Delta R.T. -0.00 min
Lab File: BF109695.D
Acq: 9 Oct 2018 15:19

Instrument :
BNA_F
ClientSampleId :
PB113600BSD

Tot Ion	Ratio	Lower	Upper
138	100		
92	52.4	31.7	71.7
108	82.5	59.3	99.3

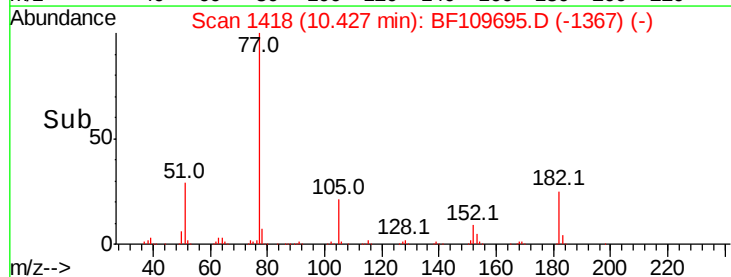
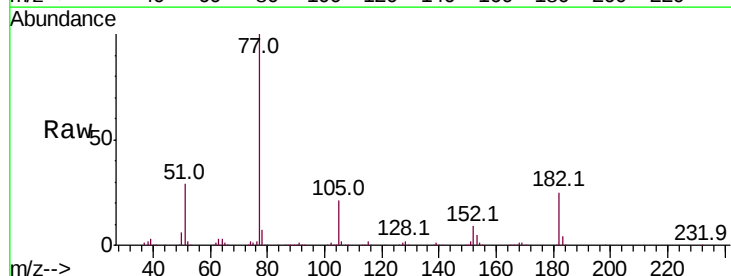
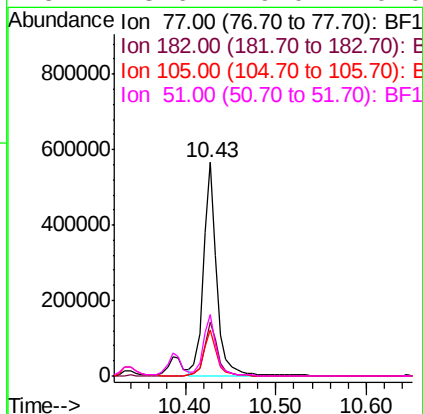
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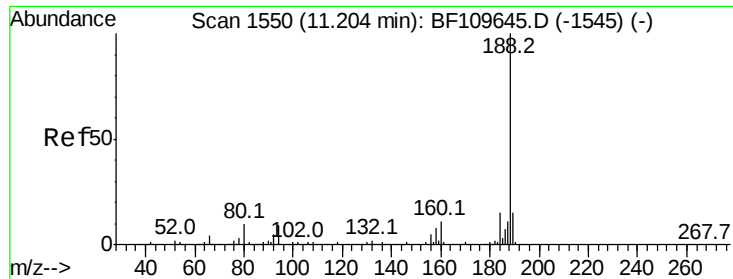
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#62
Azobenzene
Concen: 41.803 ng
RT: 10.43 min Scan# 1418
Delta R.T. -0.00 min
Lab File: BF109695.D
Acq: 9 Oct 2018 15:19

Tgt Ion	Ratio	Lower	Upper
77	100		
182	25.4	4.3	44.3
105	21.4	1.3	41.3
51	28.6	9.0	49.0





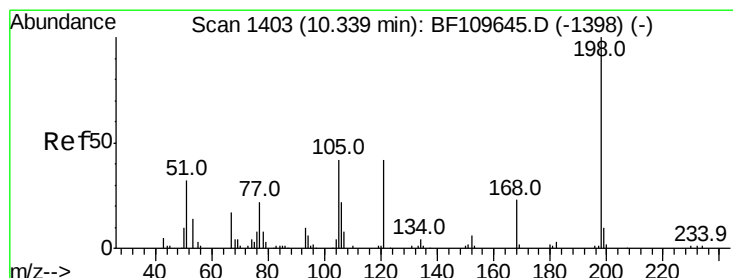
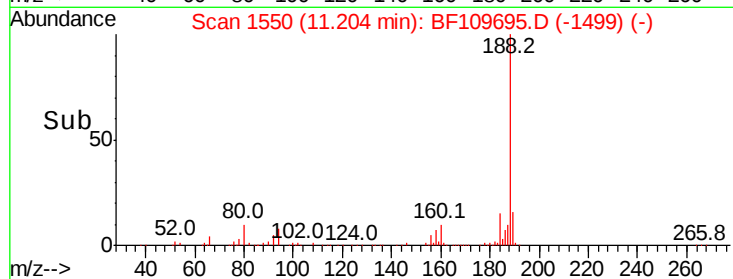
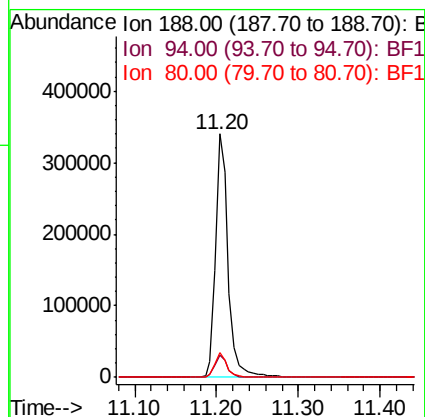
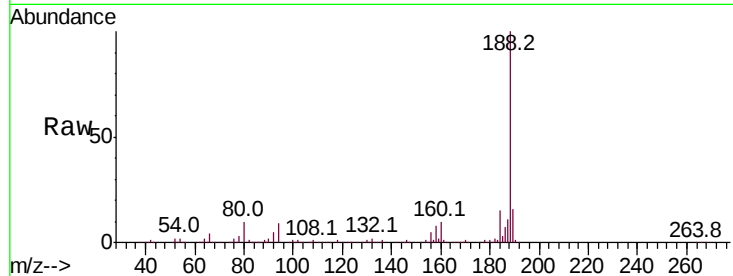
#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.20 min Scan# 1550
 Delta R.T. -0.00 min
 Lab File: BF109695.D
 Acq: 9 Oct 2018 15:19

Instrument :
 BNA_F
 ClientSampleId :
 PB113600BSD

Tot Ion	Ratio	Resp	Lower	Upper
188	100	361476		
94	9.2		7.2	10.8
80	9.9		7.9	11.9

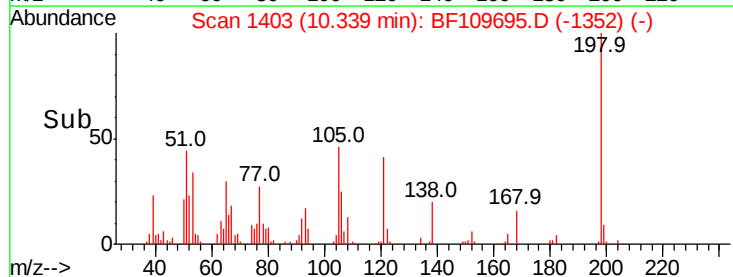
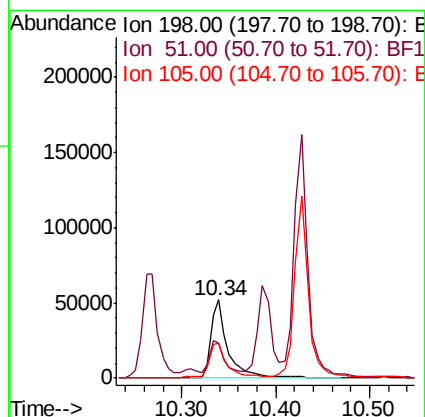
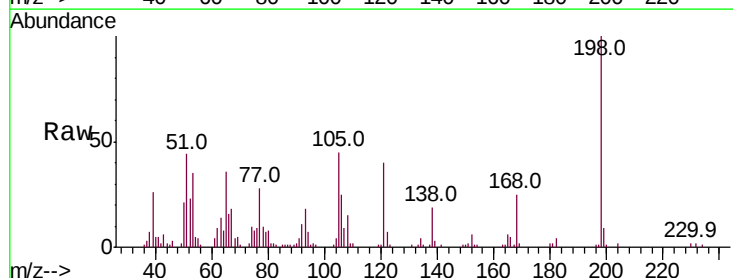
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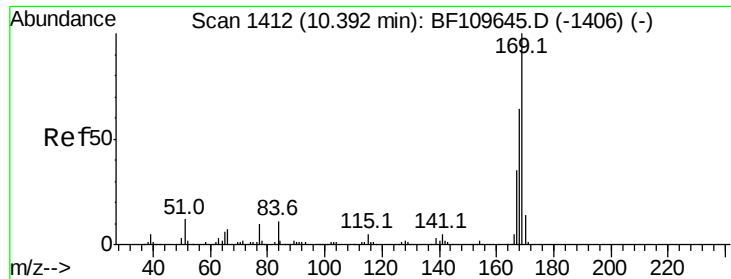
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#64
 4,6-Dinitro-2-methylphenol
 Concen: 37.849 ng
 RT: 10.34 min Scan# 1403
 Delta R.T. -0.00 min
 Lab File: BF109695.D
 Acq: 9 Oct 2018 15:19

Tgt Ion	Ratio	Resp	Lower	Upper
198	100	66591		
51	44.4		22.8	62.8
105	44.8		23.6	63.6





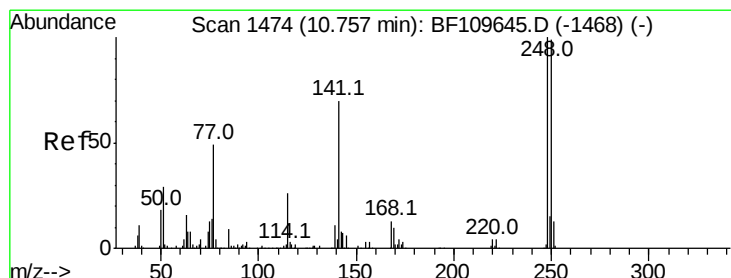
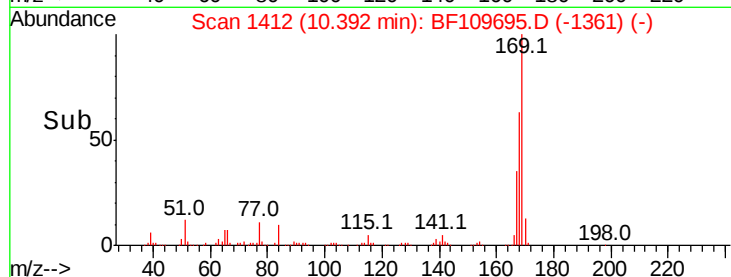
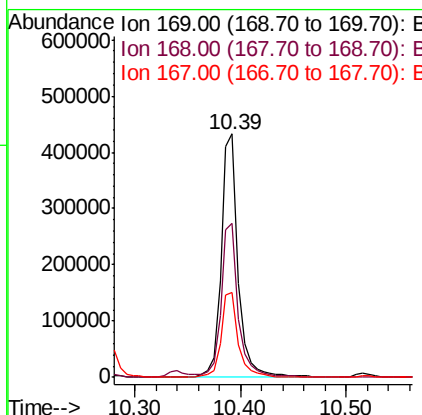
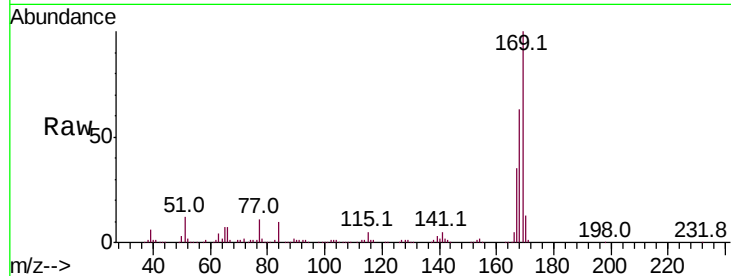
#65
n-Nitrosodiphenylamine
Concen: 39.420 ng
RT: 10.39 min Scan# 1412
Delta R.T. -0.00 min
Lab File: BF109695.D
Acq: 9 Oct 2018 15:19

Instrument :
BNA_F
ClientSampleId :
PB113600BSD

Tot Ion	Ratio	Resp	Lower	Upper
169	100	483052		
168	63.4		51.2	76.8
167	35.1		27.8	41.6

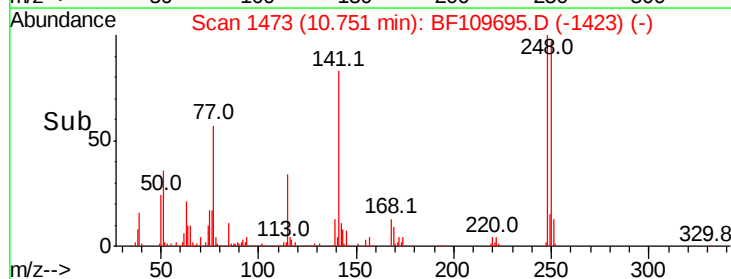
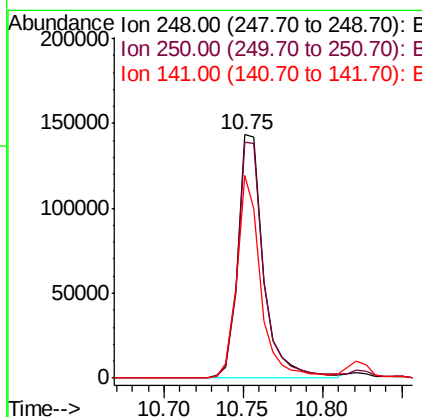
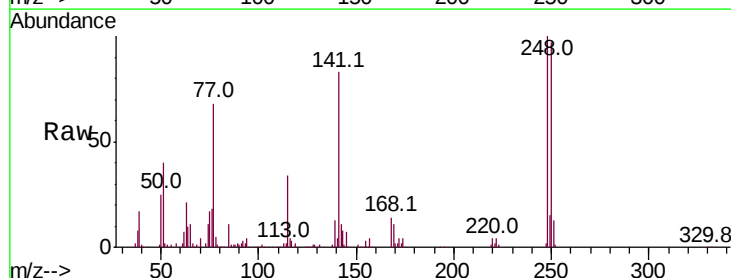
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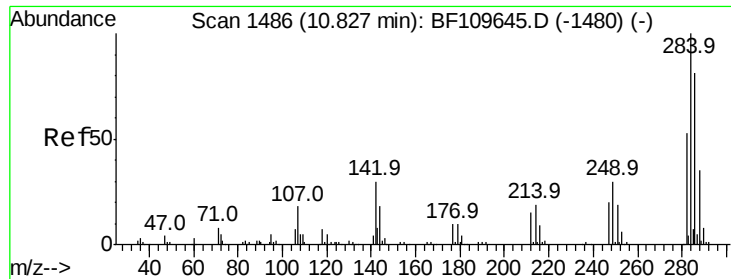
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#66
4-Bromophenyl-phenylether
Concen: 39.019 ng
RT: 10.75 min Scan# 1473
Delta R.T. -0.01 min
Lab File: BF109695.D
Acq: 9 Oct 2018 15:19

Tgt Ion	Ratio	Resp	Lower	Upper
248	100	162060		
250	96.7		79.4	119.2
141	83.4		55.9	83.9





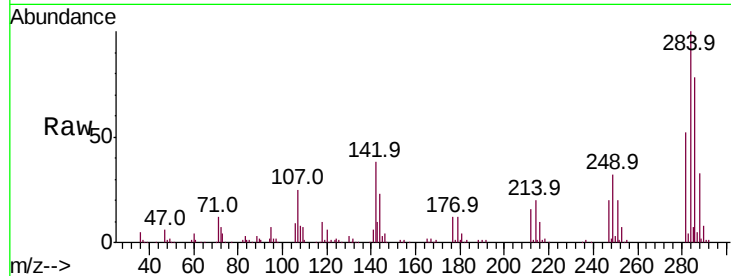
#67
Hexachlorobenzene
Concen: 38.512 ng
RT: 10.82 min Scan# 1485
Delta R.T. -0.01 min
Lab File: BF109695.D
Acq: 9 Oct 2018 15:19

Instrument :
BNA_F
ClientSampleId :
PB113600BSD

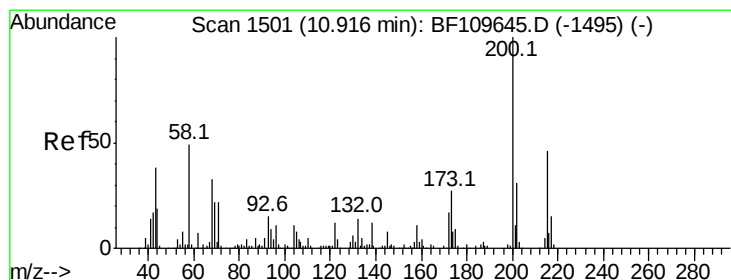
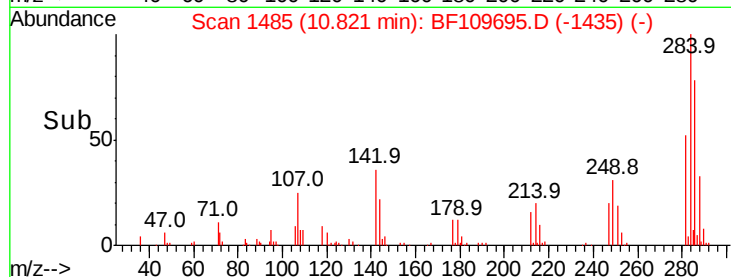
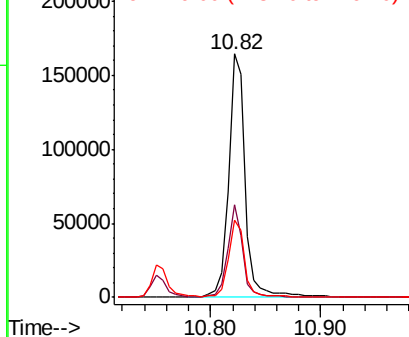
Tot Ion	Ratio	Resp	Lower	Upper
284	100	173209		
142	37.9	23.9	35.9	
249	31.8	24.2	36.2	

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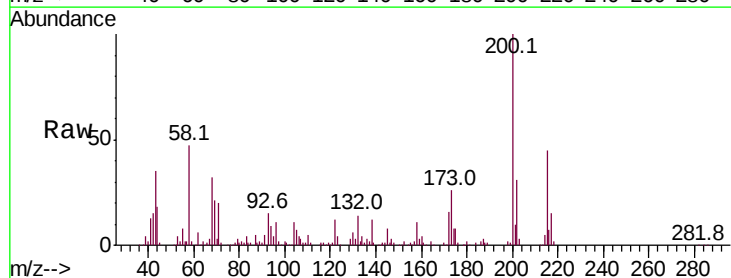


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

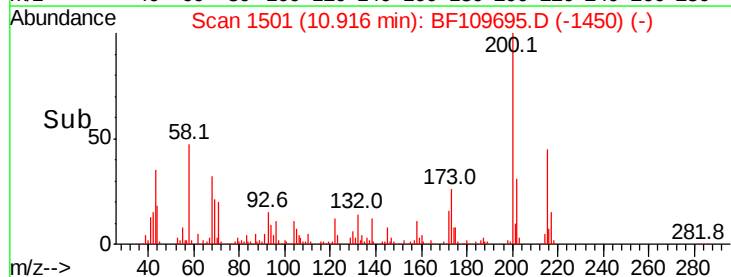
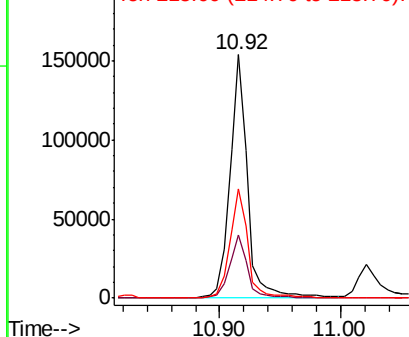


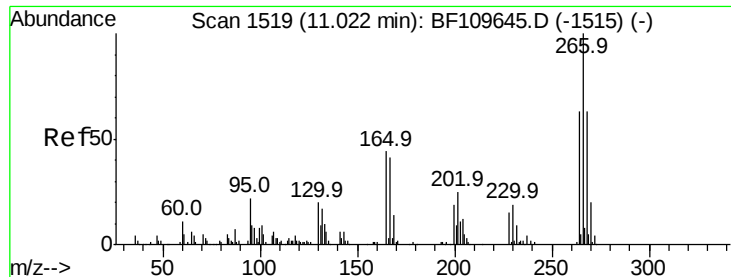
#68
Atrazine
Concen: 40.662 ng
RT: 10.92 min Scan# 1501
Delta R.T. -0.00 min
Lab File: BF109695.D
Acq: 9 Oct 2018 15:19

Tgt Ion	Ratio	Resp	Lower	Upper
200	100	155502		
173	26.1	6.6	46.6	
215	45.1	26.3	66.3	



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





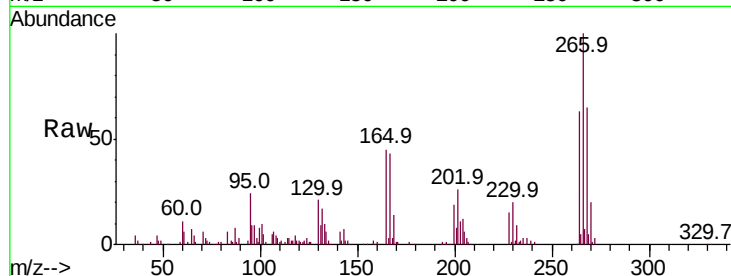
#69
 Pentachlorophenol
 Concen: 65.754 ng
 RT: 11.02 min Scan# 1519
 Delta R.T. -0.00 min
 Lab File: BF109695.D
 Acq: 9 Oct 2018 15:19

Instrument :
 BNA_F
 ClientSampleId :
 PB113600BSD

Tot Ion	Ratio	Resp	Lower	Upper
266	100	166408		
268	64.6	50.6	75.8	
264	63.4	50.6	75.8	

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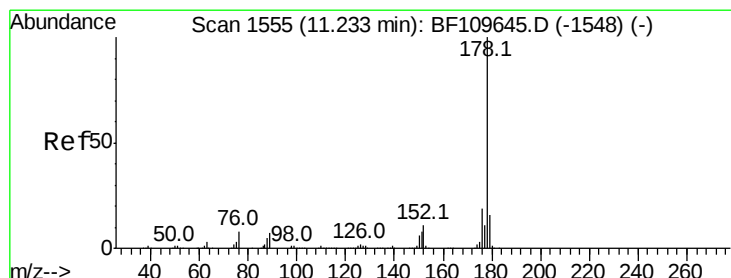
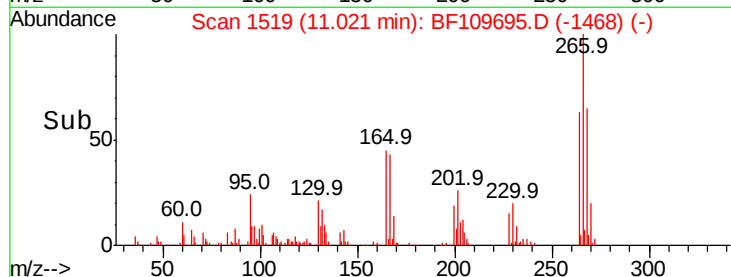
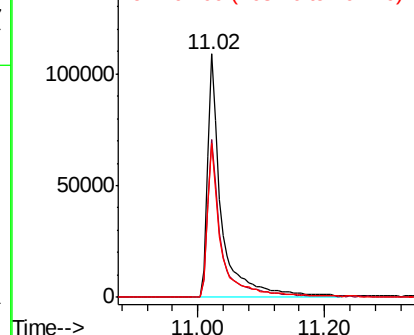


Abundance

Ion 265.70 (265.40 to 266.40): E

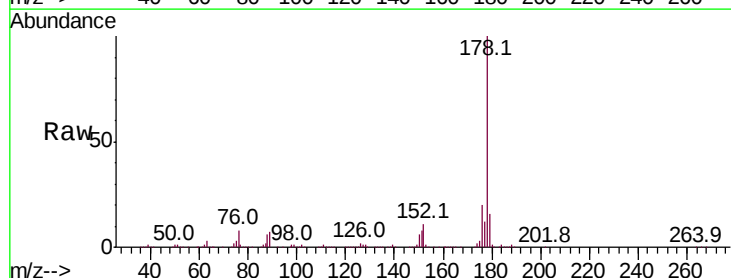
Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E



#70
 Phenanthrene
 Concen: 42.315 ng
 RT: 11.23 min Scan# 1555
 Delta R.T. -0.00 min
 Lab File: BF109695.D
 Acq: 9 Oct 2018 15:19

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	765461		
176	19.8	15.5	23.3	
179	15.6	12.5	18.7	

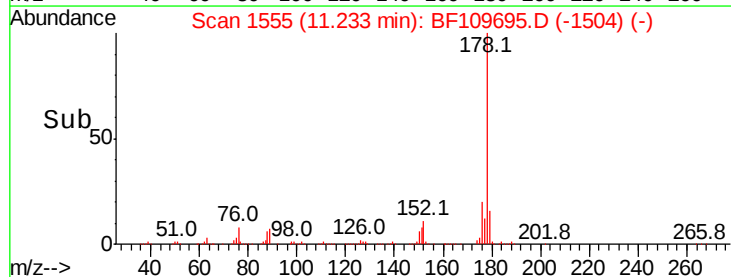
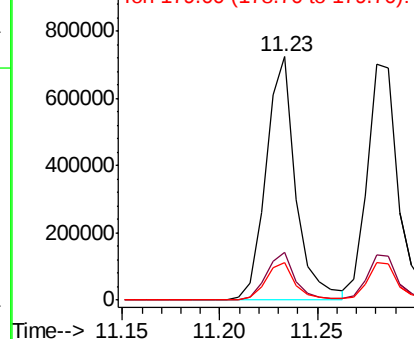


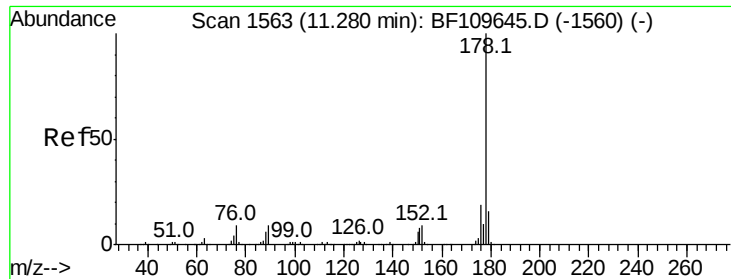
Abundance

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





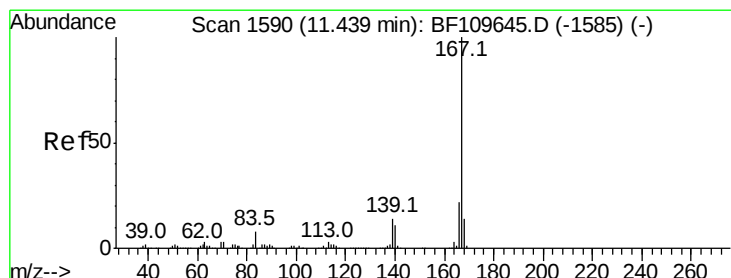
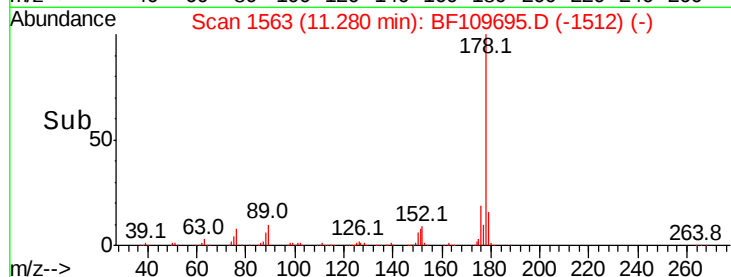
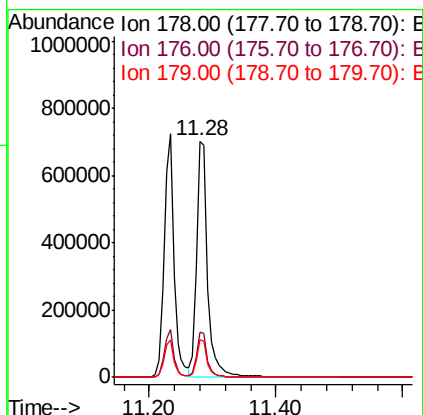
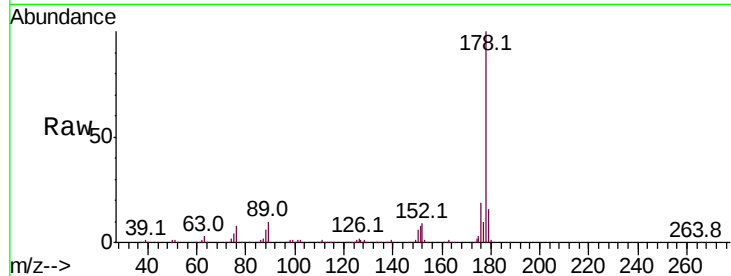
#71
 Anthracene
 Concen: 44.124 ng
 RT: 11.28 min Scan# 1563
 Delta R.T. -0.00 min
 Lab File: BF109695.D
 Acq: 9 Oct 2018 15:19

Instrument :
 BNA_F
 ClientSampleId :
 PB113600BSD

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.0	15.4	23.2
179	15.9	12.6	18.8

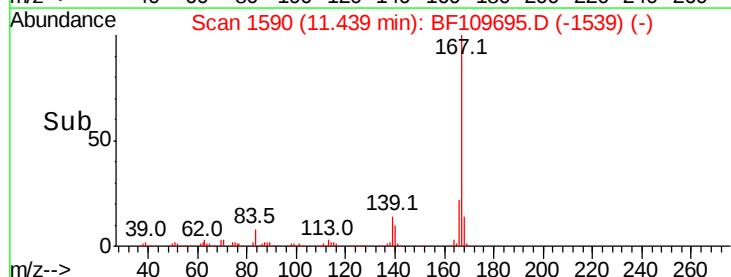
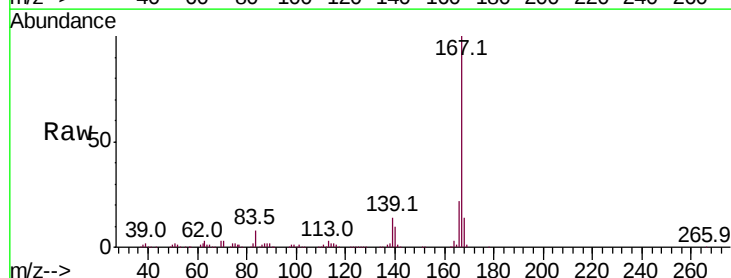
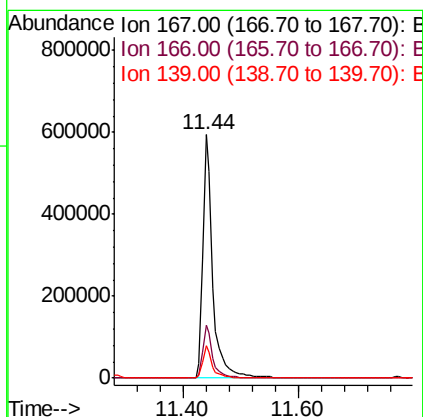
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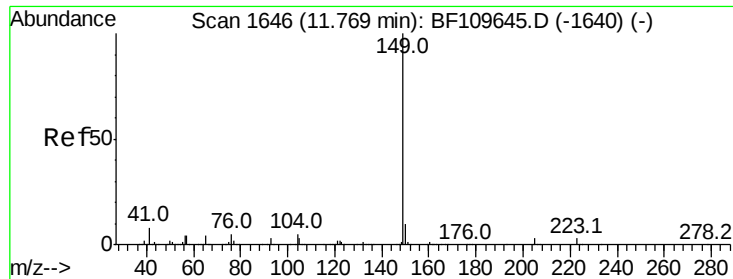
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#72
 Carbazole
 Concen: 39.876 ng
 RT: 11.44 min Scan# 1590
 Delta R.T. -0.00 min
 Lab File: BF109695.D
 Acq: 9 Oct 2018 15:19

Tgt Ion	Ratio	Lower	Upper
167	100		
166	21.9	17.4	26.0
139	13.6	10.9	16.3





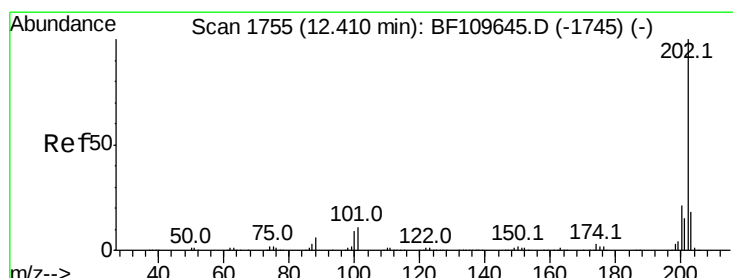
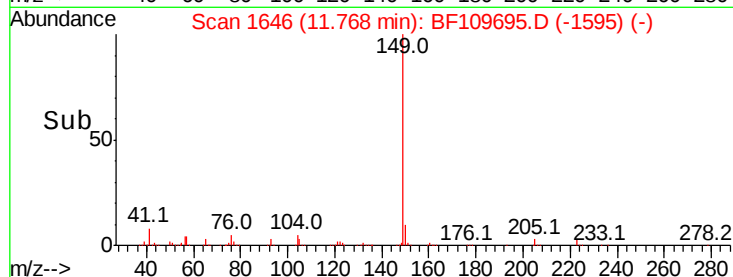
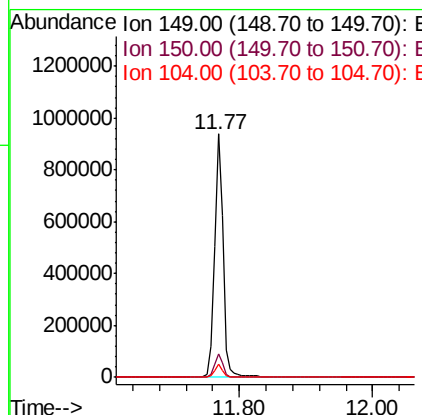
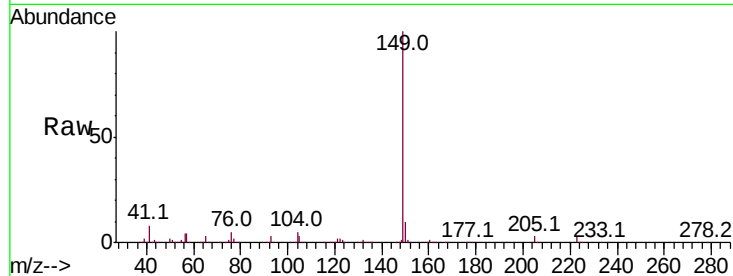
#73
Di-n-butylphthalate
Concen: 40.840 ng
RT: 11.77 min Scan# 1646
Delta R.T. -0.00 min
Lab File: BF109695.D
Acq: 9 Oct 2018 15:19

Instrument :
BNA_F
ClientSampleId :
PB113600BSD

Tot Ion	Ratio	Resp	Lower	Upper
149	100			
150	9.5	7.7	11.5	
104	5.4	4.2	6.4	

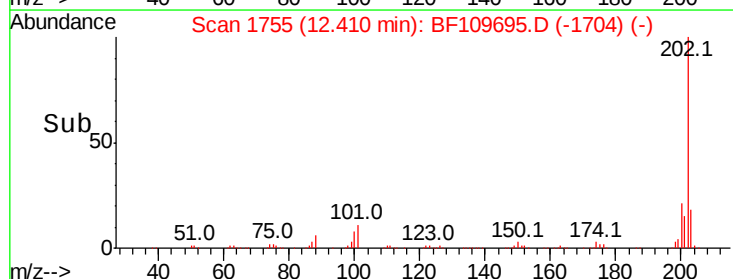
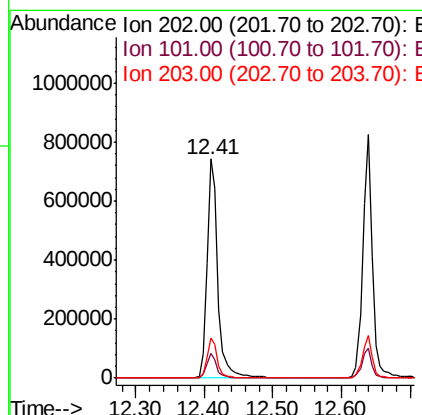
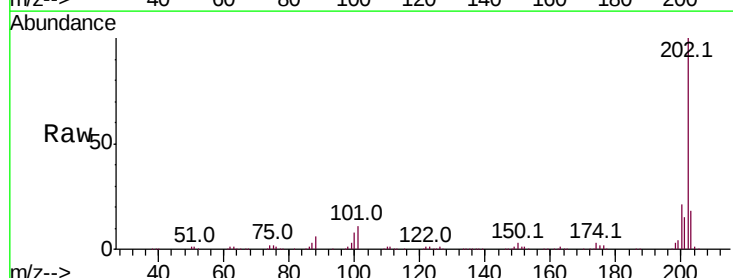
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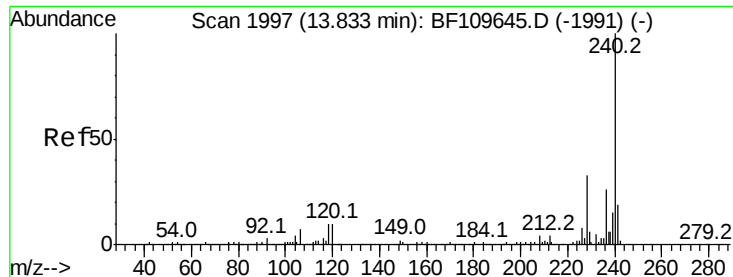
Sohil
10/10/2018 11:37:03 AM



#74
Fluoranthene
Concen: 43.635 ng
RT: 12.41 min Scan# 1755
Delta R.T. -0.00 min
Lab File: BF109695.D
Acq: 9 Oct 2018 15:19

Tgt Ion	Ratio	Resp	Lower	Upper
202	100			
101	11.0	0.0	31.4	
203	18.3	0.0	37.7	





#75

Chrysene-d12

Concen: 20.000 ng

RT: 13.83 min Scan# 1997

Delta R.T. -0.00 min

Lab File: BF109695.D

Acq: 9 Oct 2018 15:19

Instrument :

BNA_F

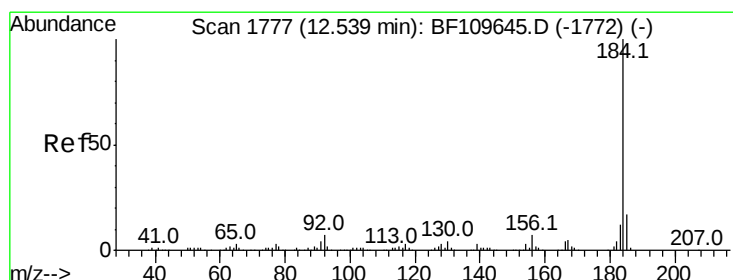
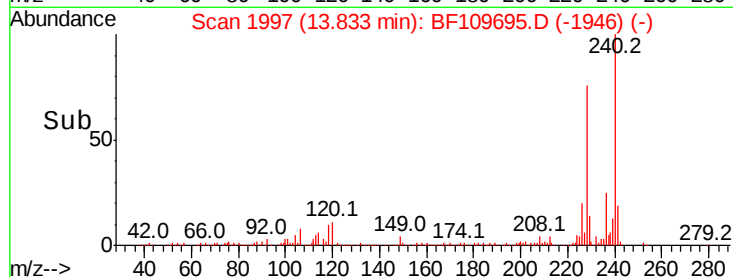
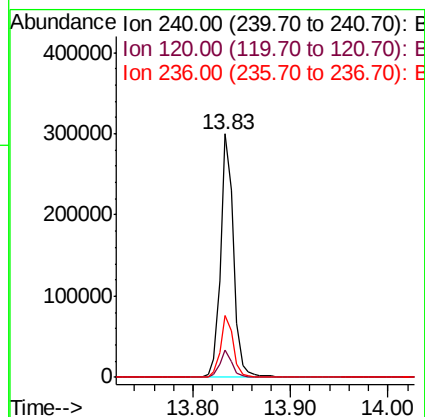
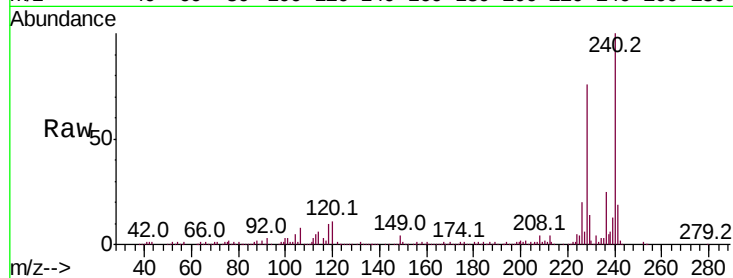
ClientSampleId :

PB113600BSD

Tot Ion:	240	Resp:	275010
Ion Ratio	Lower	Upper	
240	100		
120	11.3	8.3	12.5
236	25.2	21.2	31.8

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#76

Benzidine

Concen: 39.053 ng

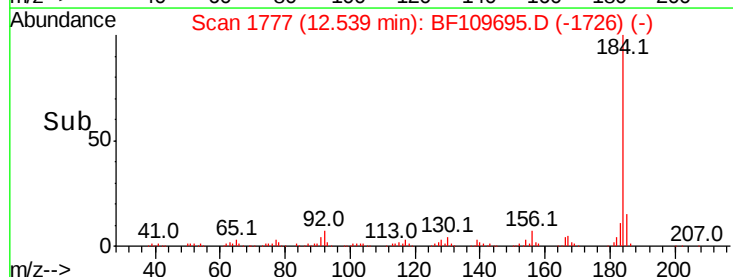
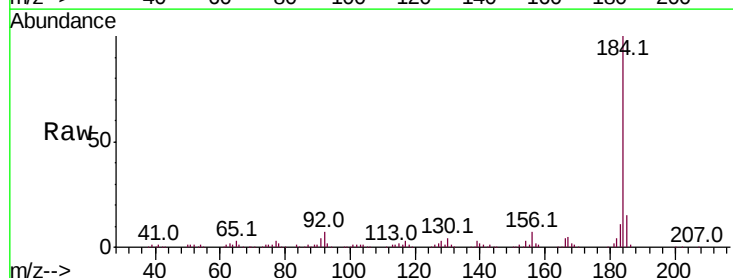
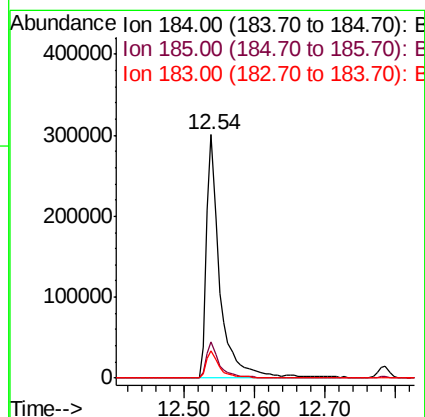
RT: 12.54 min Scan# 1777

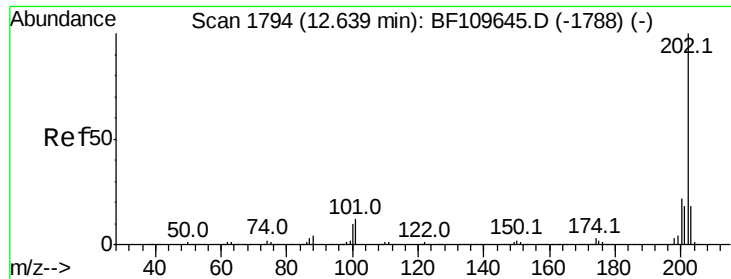
Delta R.T. -0.00 min

Lab File: BF109695.D

Acq: 9 Oct 2018 15:19

Tgt Ion:	184	Resp:	398966
Ion Ratio	Lower	Upper	
184	100		
185	14.8	13.4	20.2
183	11.1	9.4	14.2





#77

Pvrene

Concen: 40.709 ng

RT: 12.64 min Scan# 1794

Delta R.T. -0.00 min

Lab File: BF109695.D

Acq: 9 Oct 2018 15:19

Instrument :

BNA_F

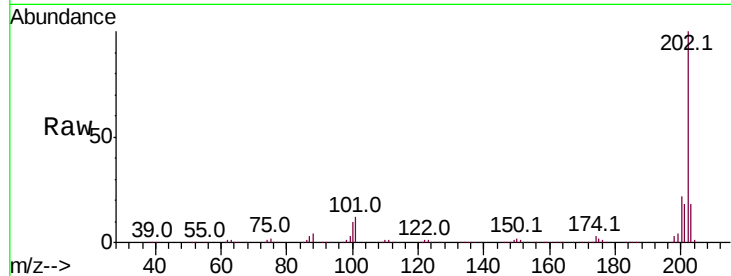
ClientSampleId :

PB113600BSD

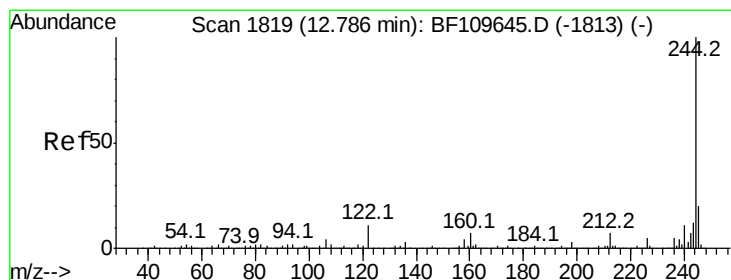
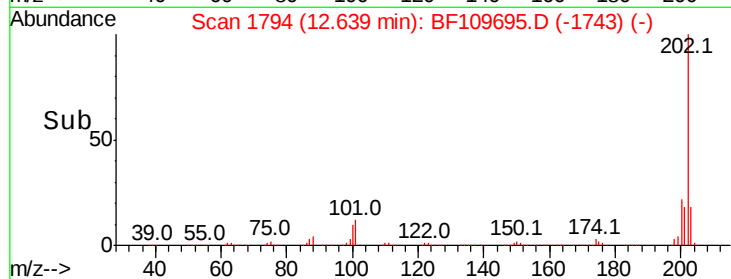
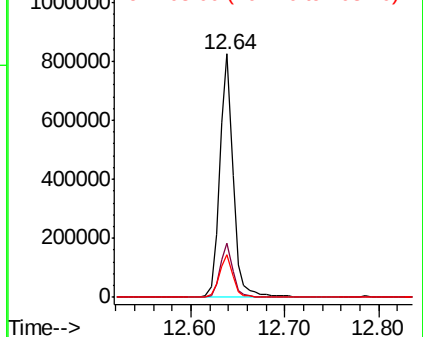
Tot Ion:	202	Resp:	820255
Ion Ratio		Lower	Upper
202	100		
200	22.1	17.8	26.6
203	17.6	14.2	21.4

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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: 76.691 ng

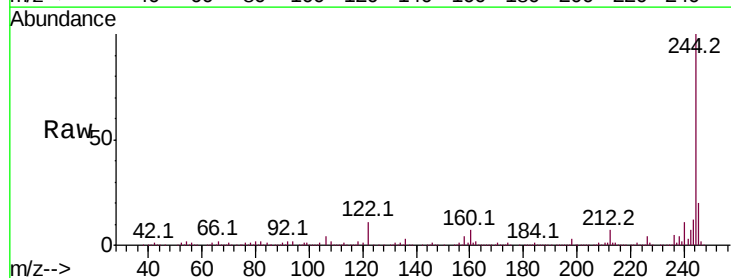
RT: 12.79 min Scan# 1819

Delta R.T. -0.00 min

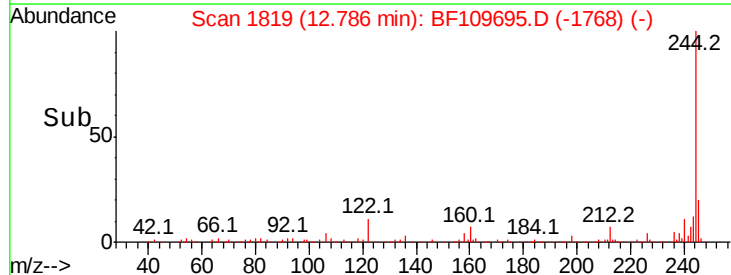
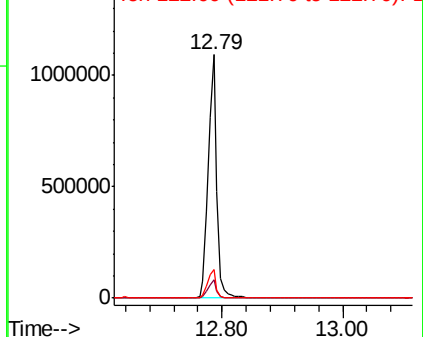
Lab File: BF109695.D

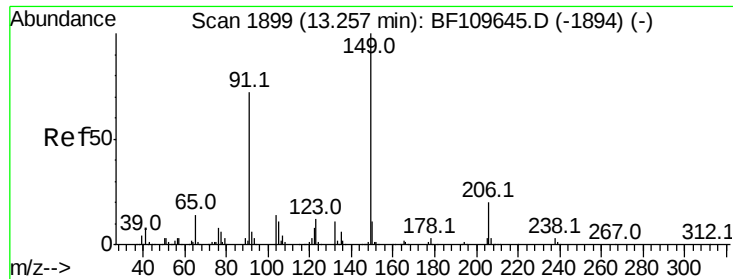
Acq: 9 Oct 2018 15:19

Tgt Ion:	244	Resp:	1089493
Ion Ratio		Lower	Upper
244	100		
212	7.3	5.8	8.8
122	11.5	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





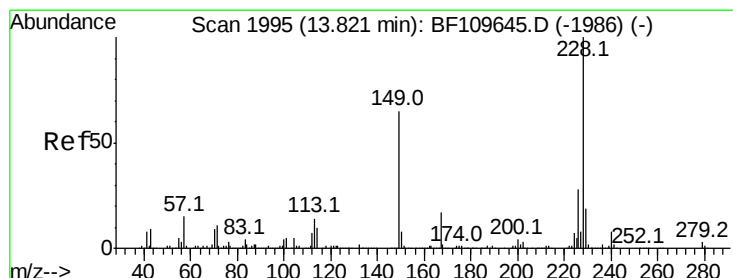
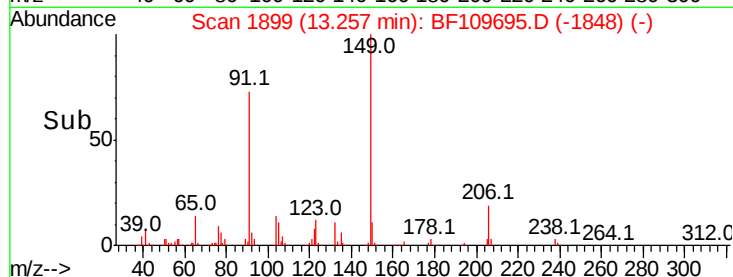
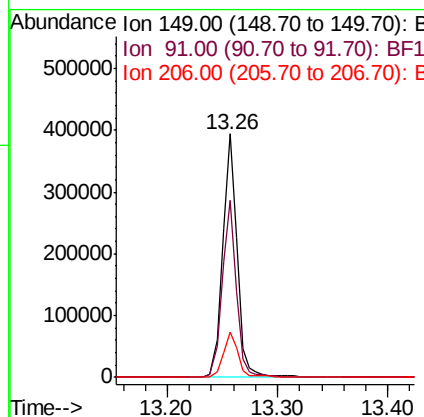
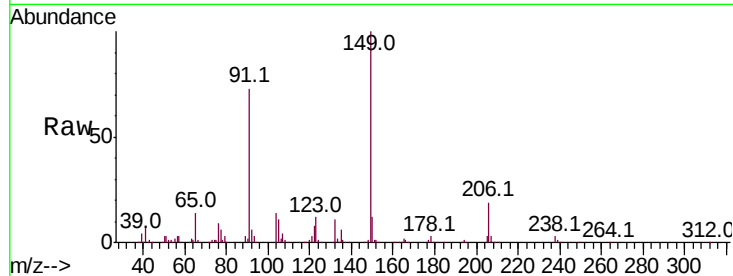
#79
 Butylbenzylphthalate
 Concen: 41.263 ng
 RT: 13.26 min Scan# 1899
 Delta R.T. -0.00 min
 Lab File: BF109695.D
 Acq: 9 Oct 2018 15:19

Instrument :
 BNA_F
 ClientSampleId :
 PB113600BSD

Tot Ion	Ratio	Resp	Lower	Upper
149	100			
91	72.9	57.2	85.8	
206	18.7	15.7	23.5	

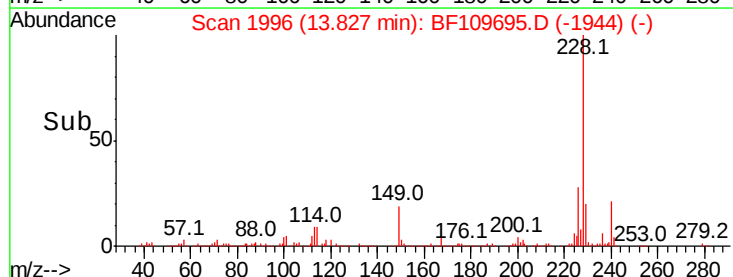
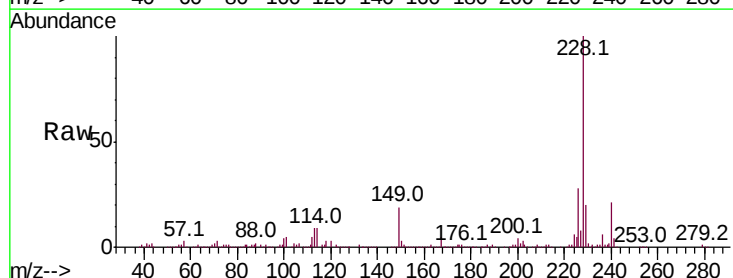
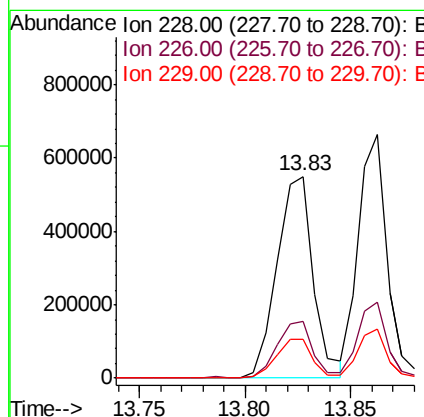
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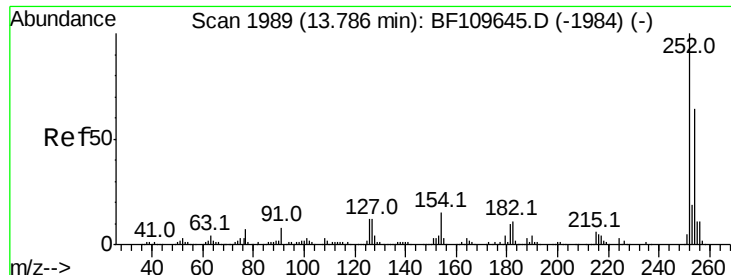
Sohil
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#80
 Benzo(a)anthracene
 Concen: 43.465 ng
 RT: 13.83 min Scan# 1996
 Delta R.T. 0.01 min
 Lab File: BF109695.D
 Acq: 9 Oct 2018 15:19

Tgt Ion	Ratio	Resp	Lower	Upper
228	100			
226	28.4	22.1	33.1	
229	19.5	15.6	23.4	





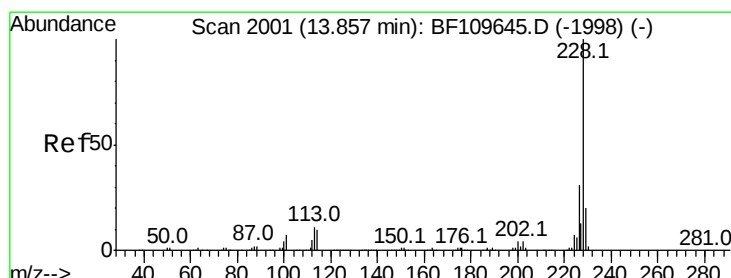
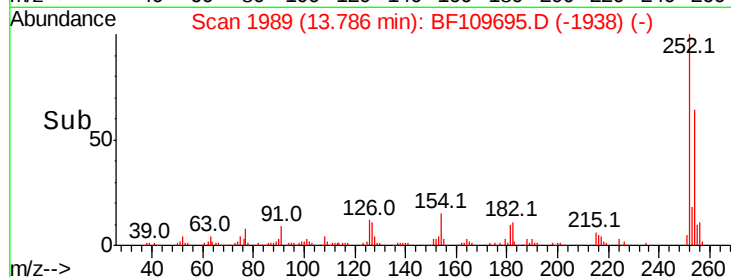
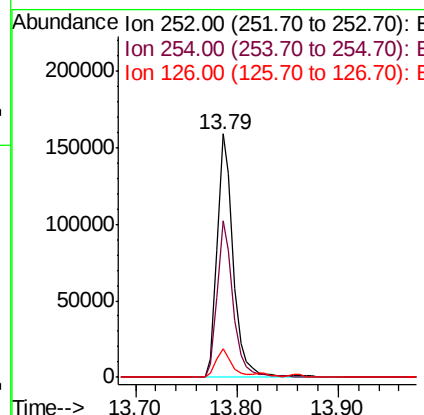
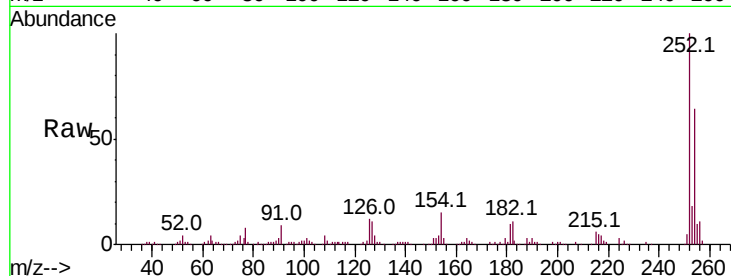
#81
 3,3'-Dichlorobenzidine
 Concen: 28.873 ng
 RT: 13.79 min Scan# 1989
 Delta R.T. -0.00 min
 Lab File: BF109695.D
 Acq: 9 Oct 2018 15:19

Instrument :
 BNA_F
 ClientSampleId :
 PB113600BSD

Tot Ion	Ratio	Resp	Lower	Upper
252	100	176437		
254	64.3	51.3	76.9	
126	11.7	9.4	14.2	

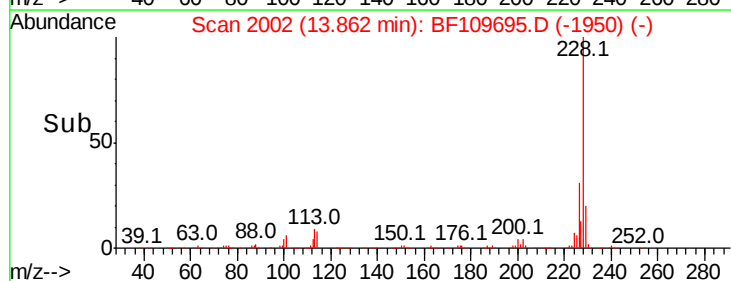
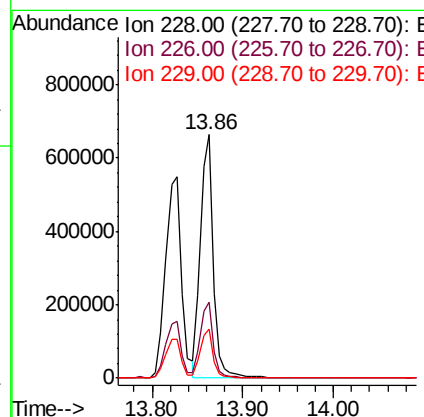
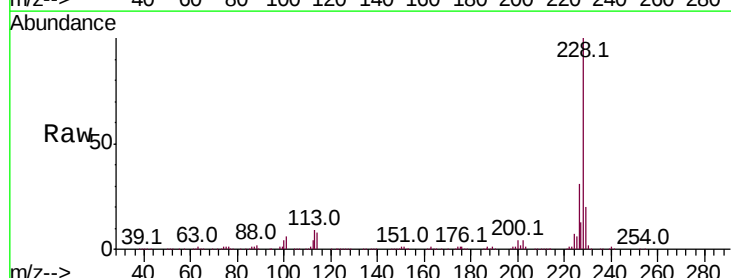
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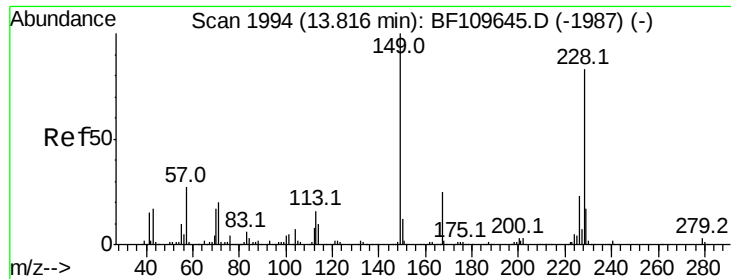
Sohil
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#82
 Chrysene
 Concen: 40.892 ng
 RT: 13.86 min Scan# 2002
 Delta R.T. 0.01 min
 Lab File: BF109695.D
 Acq: 9 Oct 2018 15:19

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	651845		
226	31.2	24.7	37.1	
229	20.1	15.9	23.9	





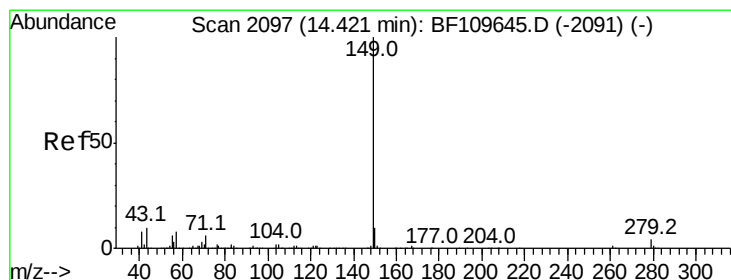
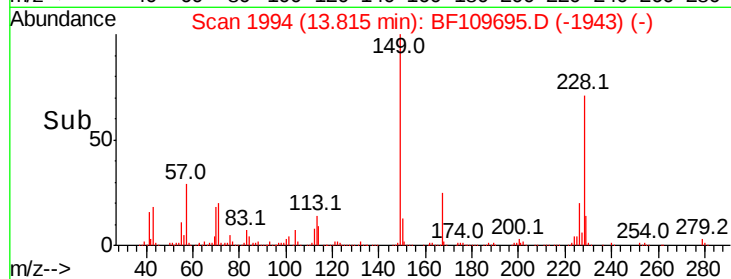
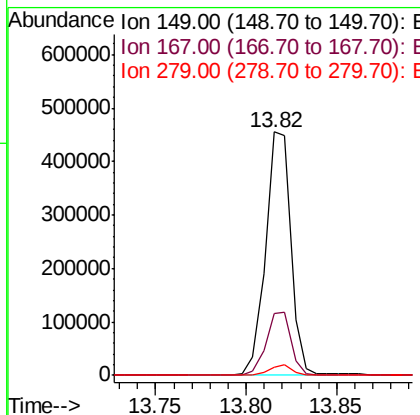
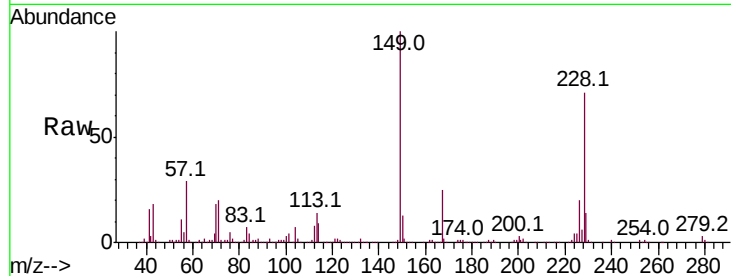
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 41.554 ng
 RT: 13.82 min Scan# 1994
 Delta R.T. -0.00 min
 Lab File: BF109695.D
 Acq: 9 Oct 2018 15:19

Instrument :
 BNA_F
 ClientSampleId :
 PB113600BSD

Tot Ion	Ratio	Resp	Lower	Upper
149	100	442873		
167	25.4	19.8	29.8	
279	3.2	2.7	4.1	

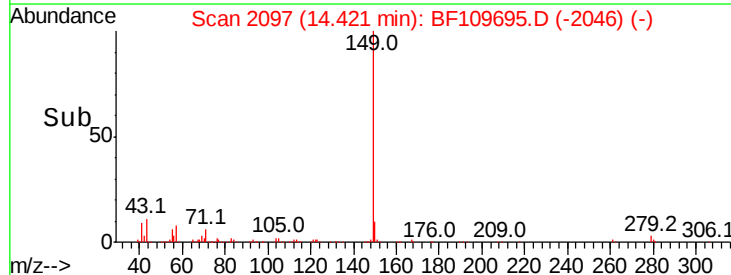
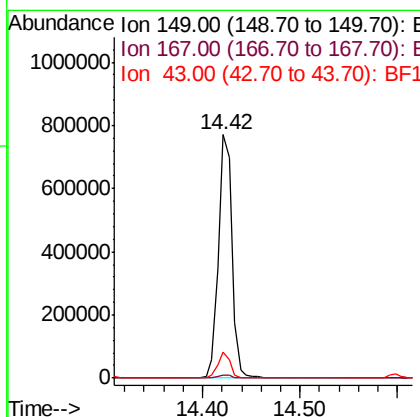
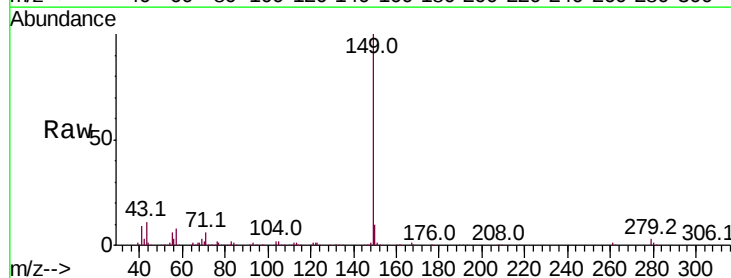
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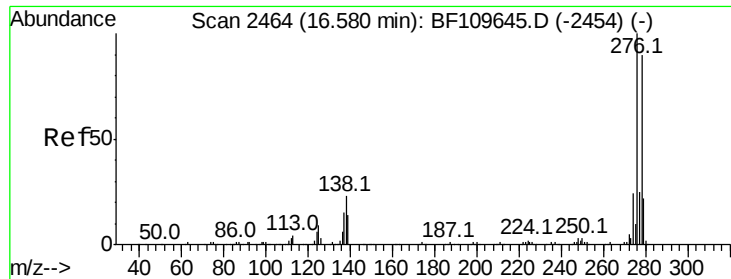
Sohil
 10/10/2018 11:37:03 AM



#84
 Di-n-octyl phthalate
 Concen: 44.353 ng
 RT: 14.42 min Scan# 2097
 Delta R.T. -0.00 min
 Lab File: BF109695.D
 Acq: 9 Oct 2018 15:19

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	747176		
167	1.4	1.1	1.7	
43	9.6	7.8	11.8	





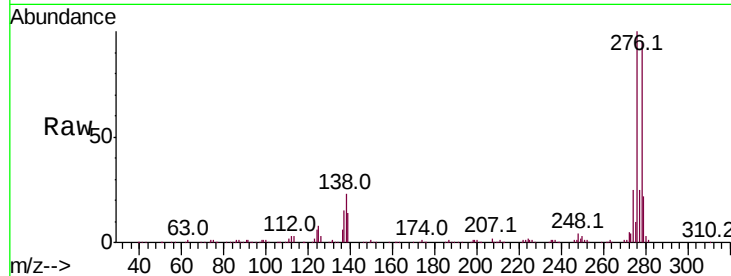
#85
Indeno(1,2,3-cd)pyrene
Concen: 43.531 ng
RT: 16.59 min Scan# 2465
Delta R.T. 0.01 min
Lab File: BF109695.D
Acq: 9 Oct 2018 15:19

Instrument :
BNA_F
ClientSampleId :
PB113600BSD

Tot Ion	Ratio	Lower	Upper
276	100		
138	23.0	18.5	27.7
277	24.8	20.0	30.0

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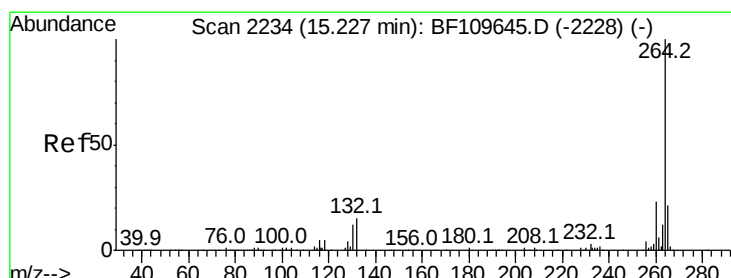
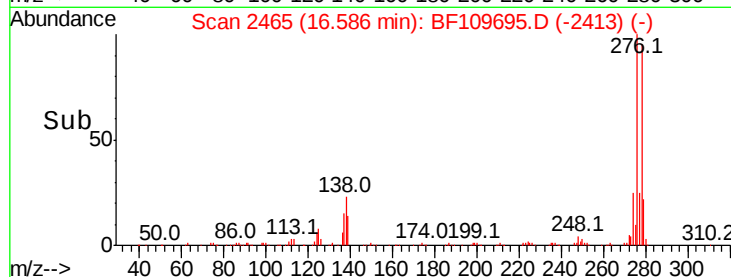
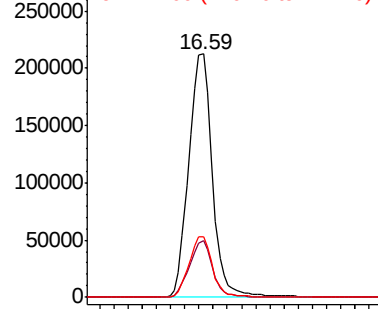


Abundance

Ion 276.00 (275.70 to 276.70): E

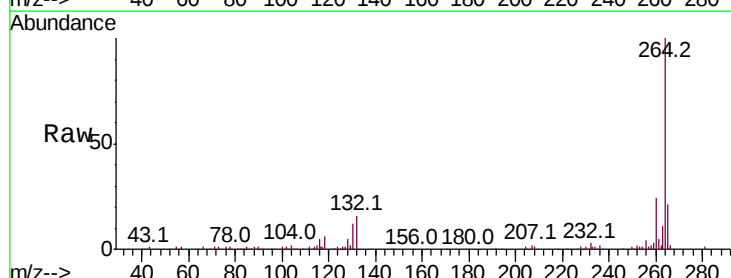
Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.23 min Scan# 2234
Delta R.T. -0.00 min
Lab File: BF109695.D
Acq: 9 Oct 2018 15:19

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.7	18.7	28.1
265	20.6	16.7	25.1

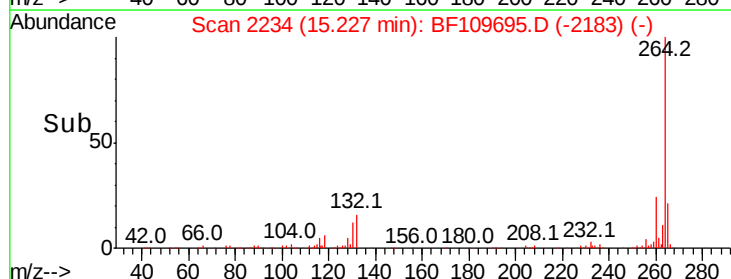
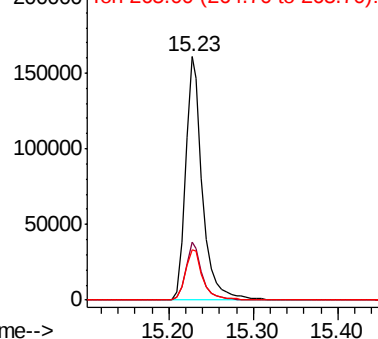


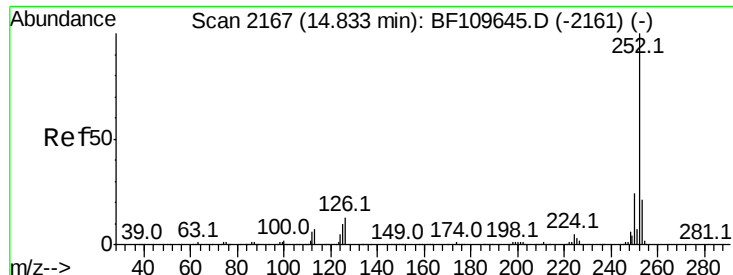
Abundance

Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





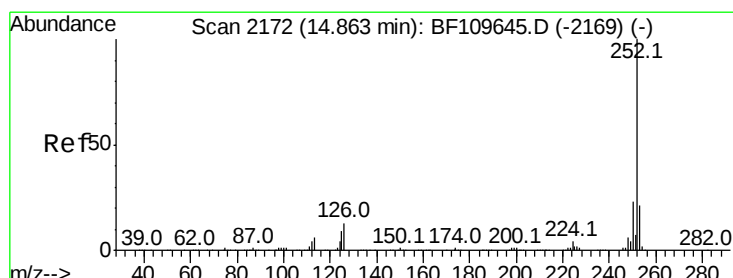
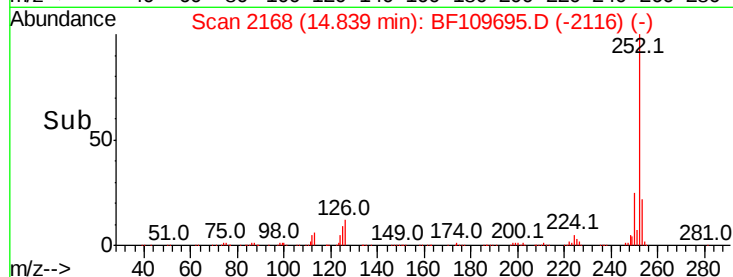
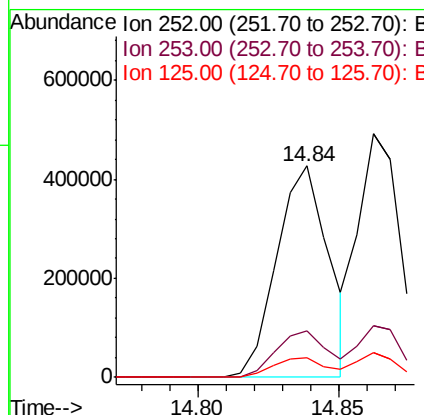
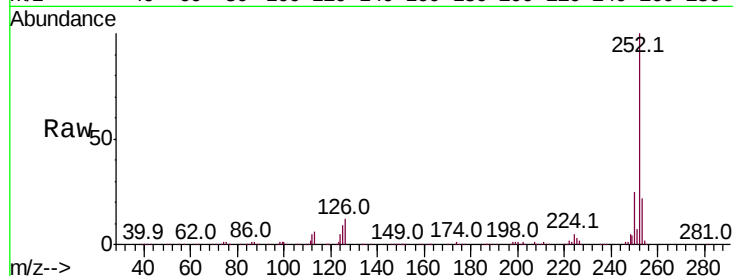
#87
Benzo(b)fluoranthene
Concen: 43.390 ng
RT: 14.84 min Scan# 2168
Delta R.T. 0.01 min
Lab File: BF109695.D
Acq: 9 Oct 2018 15:19

Instrument :
BNA_F
ClientSampleId :
PB113600BSD

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.1	17.2	25.8
125	9.1	8.2	12.4

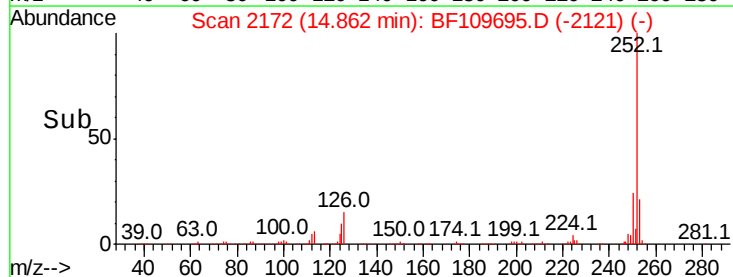
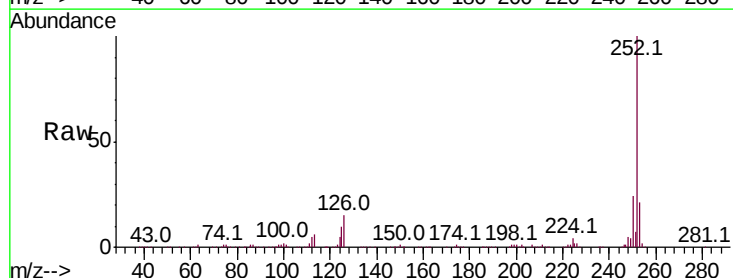
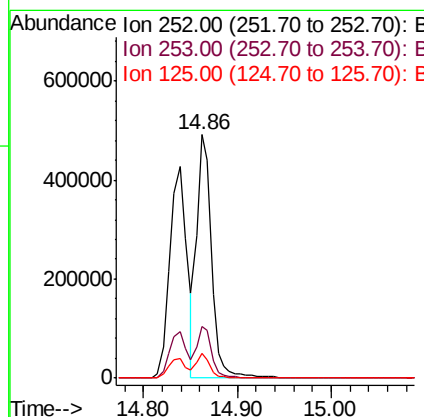
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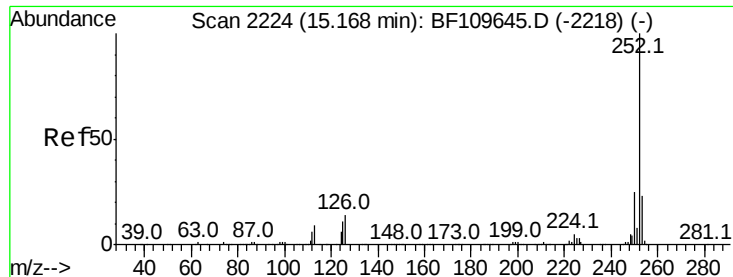
Sohil
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#88
Benzo(k)fluoranthene
Concen: 42.617 ng
RT: 14.86 min Scan# 2172
Delta R.T. -0.00 min
Lab File: BF109695.D
Acq: 9 Oct 2018 15:19

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.4	17.2	25.8
125	9.9	7.4	11.0





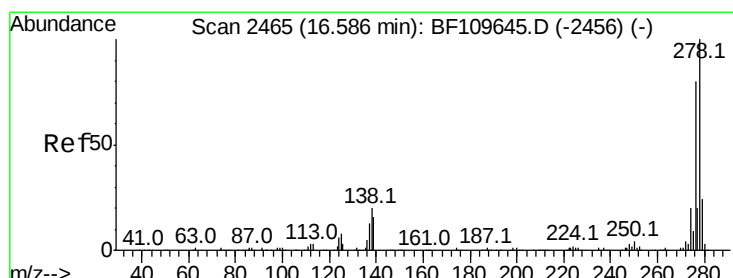
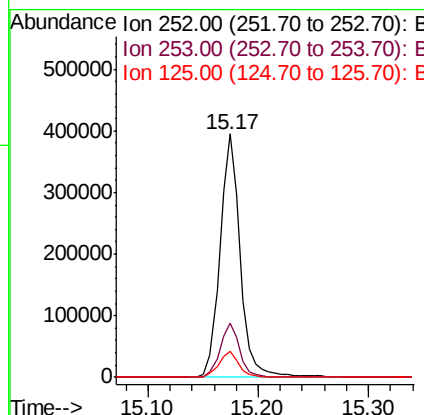
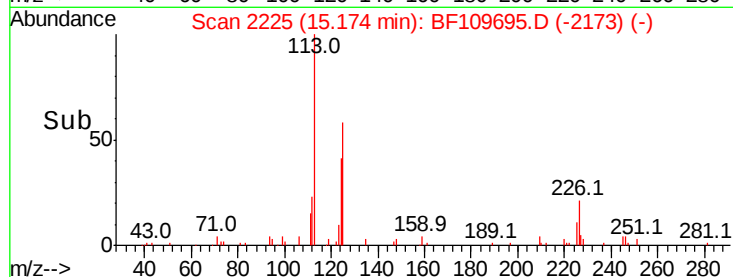
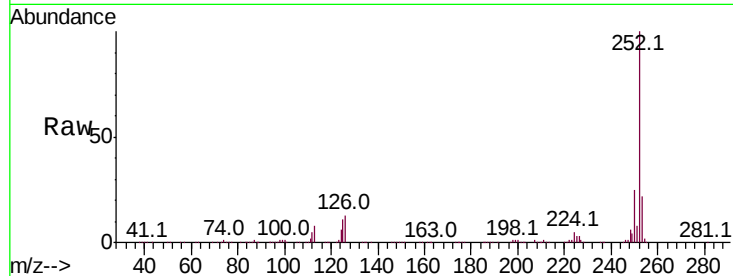
#89
Benzo(a)pyrene
Concen: 43.904 ng
RT: 15.17 min Scan# 2225
Delta R.T. 0.01 min
Lab File: BF109695.D
Acq: 9 Oct 2018 15:19

Instrument :
BNA_F
ClientSampleId :
PB113600BSD

Tot Ion	Ratio	Resp Lower	Upper
252	100		
253	22.1	18.2	27.4
125	10.6	9.0	13.6

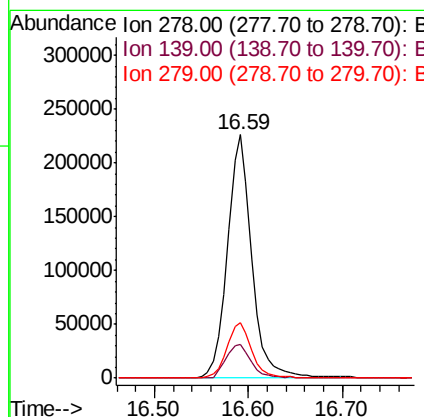
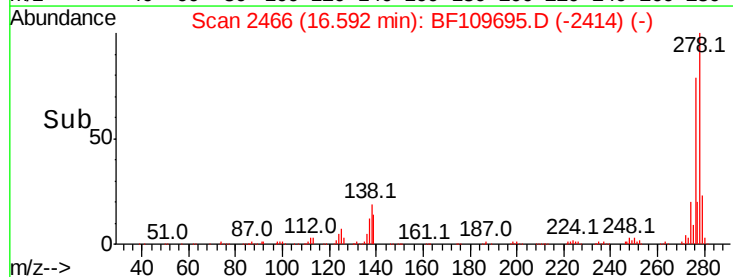
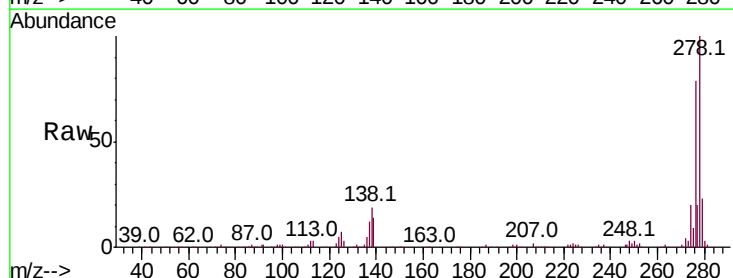
Manual Integrations
APPROVED

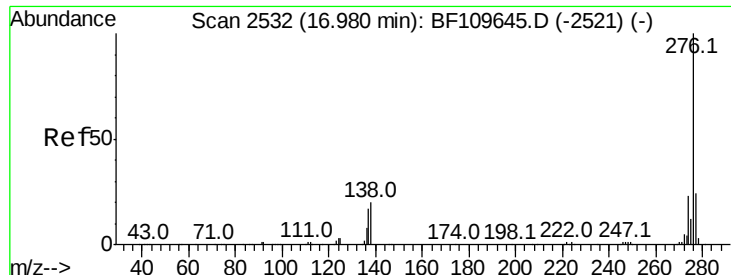
Sohil
10/10/2018 11:37:03 AM



#90
Dibenzo(a,h)anthracene
Concen: 43.508 ng
RT: 16.59 min Scan# 2466
Delta R.T. 0.01 min
Lab File: BF109695.D
Acq: 9 Oct 2018 15:19

Tgt Ion	Ratio	Resp Lower	Upper
278	100		
139	14.0	12.7	19.1
279	22.7	19.0	28.4





#91
 Benzo(a,h,i)perylene
 Concen: 44.401 ng
 RT: 16.99 min Scan# 2533
 Delta R.T. 0.01 min
 Lab File: BF109695.D
 Acq: 9 Oct 2018 15:19

Instrument :
 BNA_F
 ClientSampleId :
 PB113600BSD

Tot Ion:	276	Resp:	414796
Ion Ratio		Lower	Upper
276	100		
277	23.8	18.8	28.2
138	20.2	16.0	24.0

Manual Integrations
 APPROVED

Sohil
 10/10/2018 11:37:03 AM

