

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF101018\
 Data File : BF109754.D
 Acq On : 10 Oct 2018 20:44
 Operator : JU/SJ
 Sample : J5366-01MSD
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 RBR200035MSD

Manual Integrations
 APPROVED

Sohil
 10/11/2018 2:02:49 PM

Quant Time: Oct 11 06:58:46 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF100818.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Oct 08 16:02:11 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.70	152	85418	20.00	ng	0.00
21) Naphthalene-d8	7.97	136	342574	20.00	ng	0.00
38) Acenaphthene-d10	9.73	164	166582	20.00	ng	0.00
63) Phenanthrene-d10	11.20	188	321525	20.00	ng	0.00
75) Chrysene-d12	13.83	240	200752	20.00	ng	0.00
86) Perylene-d12	15.23	264	208155	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.32	112	643104	133.64	ng	0.00
7) Phenol-d6	6.35	99	860750	133.89	ng	0.00
23) Nitrobenzene-d5	7.26	82	577318	92.90	ng	0.00
41) 2,4,6-Tribromophenol	10.52	330	254539	140.23	ng	0.00
44) 2-Fluorobiphenyl	9.05	172	1056312	87.33	ng	0.00
78) Terphenyl-d14	12.78	244	1003716	96.79	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.40	88	75504	29.896	ng	97
3) Pyridine	3.14	79	148043	28.413	ng	96
4) n-Nitrosodimethylamine	3.06	42	81297	43.227	ng	97
6) Aniline	6.37	93	174310	23.277	ng	# 64
8) 2-Chlorophenol	6.49	128	260184	43.962	ng	97
9) Benzaldehyde	6.25	77	121862	29.458	ng	99
10) Phenol	6.36	94	319679	43.367	ng	# 78
11) bis(2-Chloroethyl)ether	6.44	93	210388m	34.426	ng	
12) 1,3-Dichlorobenzene	6.64	146	267397	39.503	ng	98
13) 1,4-Dichlorobenzene	6.72	146	295624	40.064	ng	99
14) 1,2-Dichlorobenzene	6.87	146	269844	41.642	ng	98
15) Benzyl Alcohol	6.85	79	210789	44.229	ng	98
16) 2,2'-oxybis(1-Chloropropan	6.97	45	330613	40.799	ng	99
17) 2-Methylphenol	6.97	107	203107	43.397	ng	98
18) Hexachloroethane	7.20	117	104552	40.087	ng	96
19) n-Nitroso-di-n-propylamine	7.12	70	185959	41.249	ng	99
20) 3+4-Methylphenols	7.12	107	251251	43.567	ng	92
22) Acetophenone	7.11	105	383167	46.253	ng	99
24) Nitrobenzene	7.28	77	273932	42.360	ng	99
25) Isophorone	7.52	82	516651	50.064	ng	98
26) 2-Nitrophenol	7.60	139	135877	44.921	ng	96
27) 2,4-Dimethylphenol	7.65	122	221463	50.702	ng	99
28) bis(2-Chloroethoxy)methane	7.73	93	323529	46.348	ng	99
29) 2,4-Dichlorophenol	7.85	162	224780	45.879	ng	99
30) 1,2,4-Trichlorobenzene	7.92	180	232007	42.777	ng	99
31) Naphthalene	8.00	128	838615	52.932	ng	100
32) Benzoic acid	7.77	122	50369m	16.129	ng	
33) 4-Chloroaniline	8.06	127	74660	10.701	ng	96
34) Hexachlorobutadiene	8.12	225	139538	41.378	ng	98
35) Caprolactam	8.43	113	65814m	44.980	ng	
36) 4-Chloro-3-methylphenol	8.55	107	246126	47.591	ng	99
37) 2-Methylnaphthalene	8.69	142	570170	54.941	ng	99
39) 1,2,4,5-Tetrachlorobenzene	8.86	216	238991	42.146	ng	99
40) Hexachlorocyclopentadiene	8.85	237	187709	75.996	ng	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	8.97	196	149692	44.160	nq	98
43) 2,4,5-Trichlorophenol	9.02	196	174193	44.693	nq	99
45) 1,1'-Biphenyl	9.15	154	649386	43.637	nq	99
46) 2-Chloronaphthalene	9.17	162	479005	42.963	nq	98
47) 2-Nitroaniline	9.28	65	158615	46.985	nq	92
48) Acenaphthylene	9.59	152	767767	47.236	nq	99
49) Dimethylphthalate	9.46	163	707834	57.937	nq	99
50) 2,6-Dinitrotoluene	9.52	165	125624	47.436	nq	94
51) Acenaphthene	9.76	154	520485	54.018	nq	100
52) 3-Nitroaniline	9.69	138	73444	24.740	nq	100
53) 2,4-Dinitrophenol	9.80	184	60080	70.316	nq	97
54) Dibenzofuran	9.93	168	764259	52.915	nq	99
55) 4-Nitrophenol	9.87	139	146692	90.276	nq	91
56) 2,4-Dinitrotoluene	9.93	165	155641	47.094	nq	91
57) Fluorene	10.27	166	636230	58.987	nq	99
58) 2,3,4,6-Tetrachlorophenol	10.06	232	146014	46.086	nq	97
59) Diethylphthalate	10.16	149	572916	47.329	nq	99
60) 4-Chlorophenyl-phenylether	10.27	204	245801	43.197	nq	94
61) 4-Nitroaniline	10.31	138	128375	46.695	nq	99
62) Azobenzene	10.43	77	574676	46.750	nq	96
64) 4,6-Dinitro-2-methylphenol	10.34	198	62318	39.821	nq	93
65) n-Nitrosodiphenylamine	10.39	169	482250	44.244	nq	99
66) 4-Bromophenyl-phenylether	10.75	248	159725	43.235	nq	94
67) Hexachlorobenzene	10.82	284	168775	42.189	nq	# 93
68) Atrazine	10.92	200	155904	45.832	nq	99
69) Pentachlorophenol	11.02	266	166415	73.927	nq	99
70) Phenanthrene	11.23	178	1318163	81.923	nq	99
71) Anthracene	11.28	178	864939	52.001	nq	100
72) Carbazole	11.44	167	798671	49.509	nq	99
73) Di-n-butylphthalate	11.77	149	861276	46.032	nq	100
74) Fluoranthene	12.42	202	1273973	75.789	nq	99
76) Benzidine	12.54	184	197392	26.469	nq	98
77) Pyrene	12.64	202	1083002	73.632	nq	99
79) Butylbenzylphthalate	13.26	149	327270	51.321	nq	97
80) Benzo(a)anthracene	13.82	228	573070	51.729	nq	99
81) 3,3'-Dichlorobenzidine	13.79	252	110716	24.820	nq	99
82) Chrysene	13.86	228	606194	52.094	nq	99
83) Bis(2-ethylhexyl)phthalate	13.82	149	408851	52.551	nq	98
84) Di-n-octyl phthalate	14.42	149	692980	56.352	nq	100
85) Indeno(1,2,3-cd)pyrene	16.58	276	617781	74.173	nq	99
87) Benzo(b)fluoranthene	14.83	252	566029	49.207	nq	99
88) Benzo(k)fluoranthene	14.86	252	476646	41.241	nq	98
89) Benzo(a)pyrene	15.17	252	507501	48.617	nq	97
90) Dibenzo(a,h)anthracene	16.59	278	506173	59.042	nq	98
91) Benzo(g,h,i)perylene	16.99	276	533672	62.338	nq	100

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

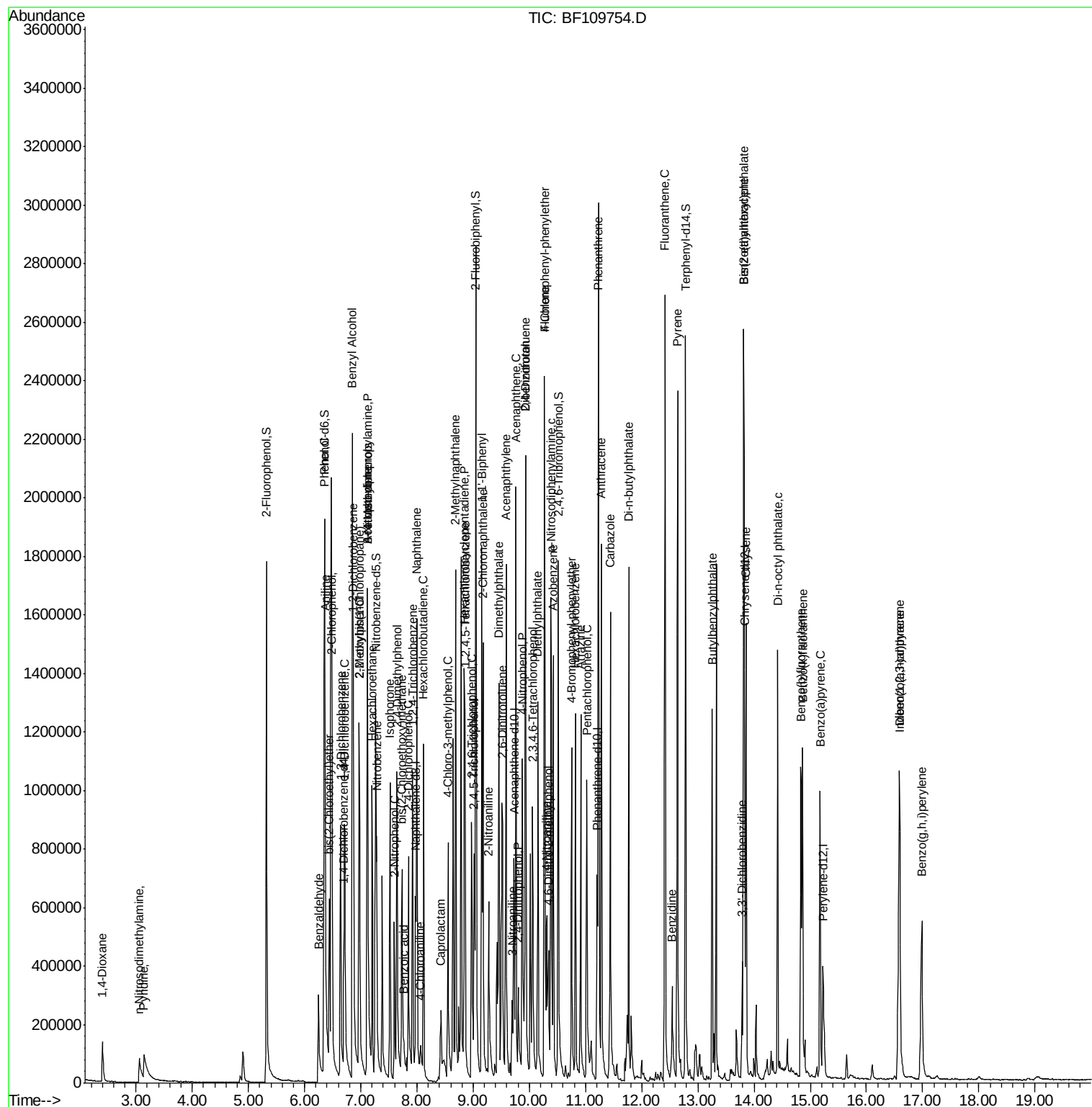
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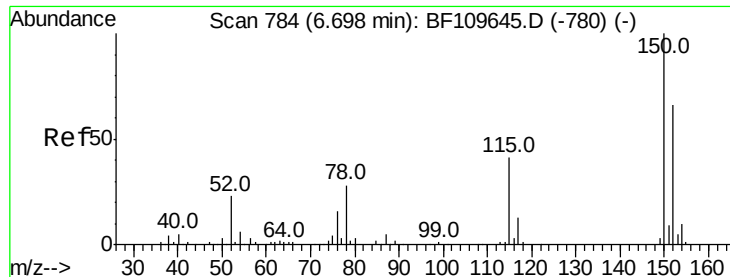
Instrument :
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#1

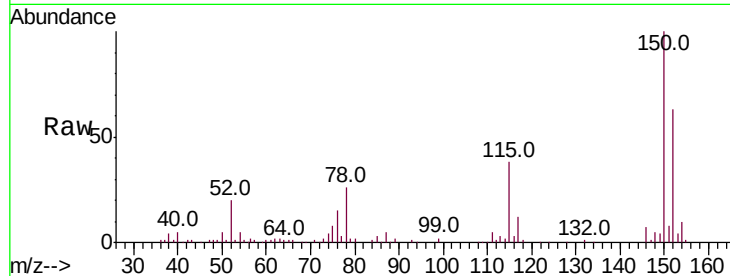
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.70 min Scan# 784
Delta R.T. -0.00 min
Lab File: BF109754.D
Acq: 10 Oct 2018 20:44

Instrument :
BNA_F
ClientSampleId :
RBR200035MSD

Tot Ion	Ratio	Lower	Upper
152	100		
150	157.6	122.7	184.1
115	59.9	49.1	73.7

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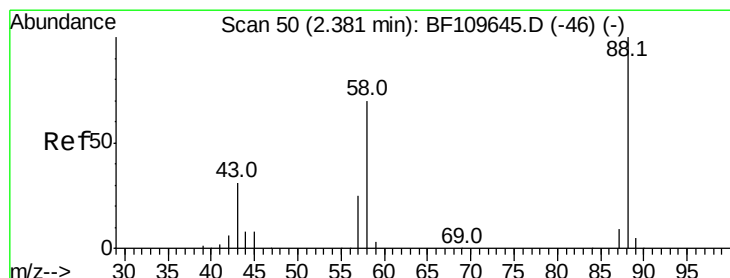
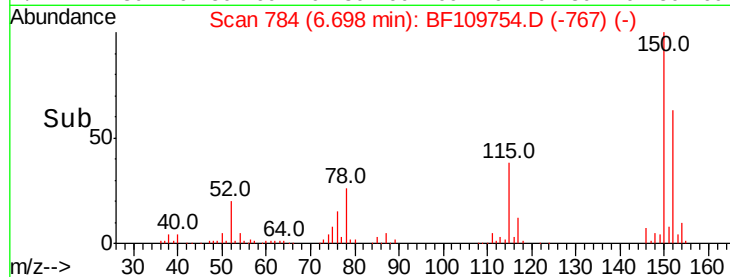
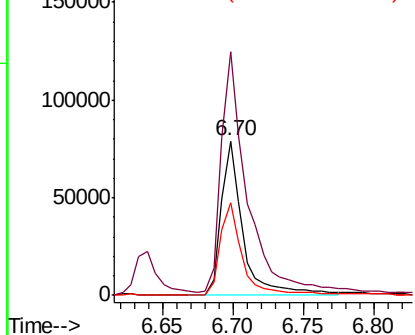


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

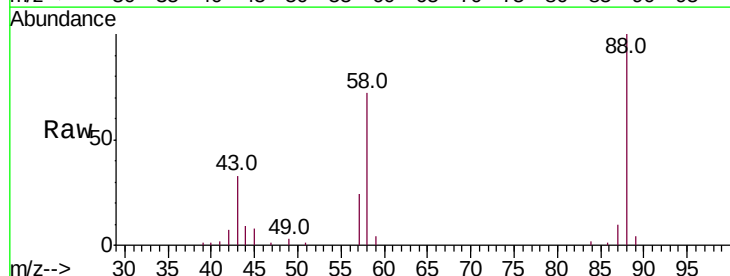
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 29.896 ng
RT: 2.40 min Scan# 54
Delta R.T. 0.02 min
Lab File: BF109754.D
Acq: 10 Oct 2018 20:44

Tgt Ion	Ratio	Lower	Upper
88	100		
58	74.3	57.1	85.7
43	29.3	24.1	36.1

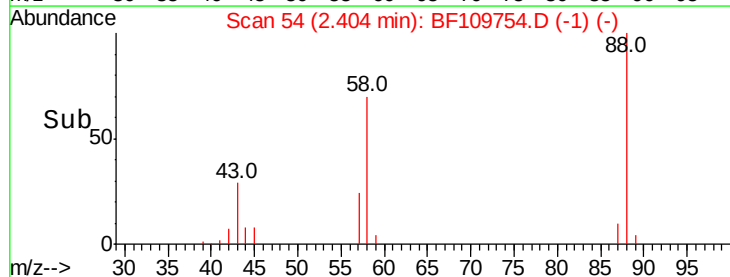
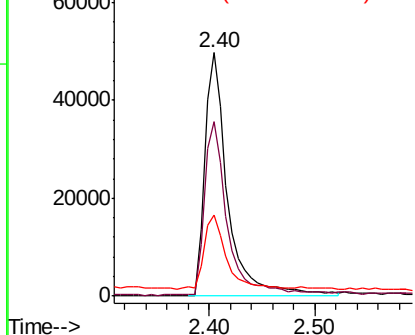


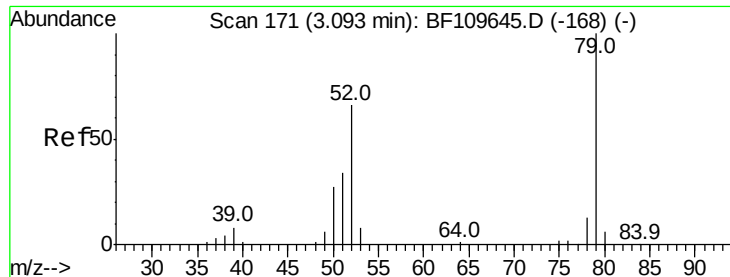
Abundance

Ion 88.00 (87.70 to 88.70): BF1

Ion 58.00 (57.70 to 58.70): BF1

Ion 43.00 (42.70 to 43.70): BF1





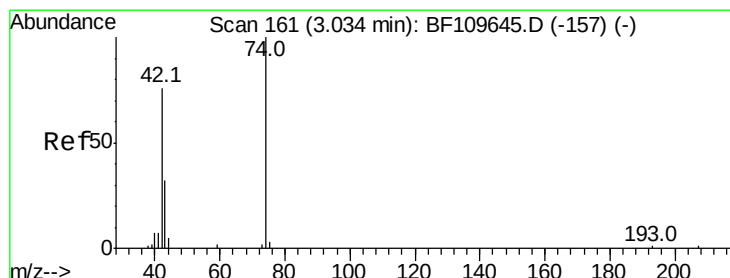
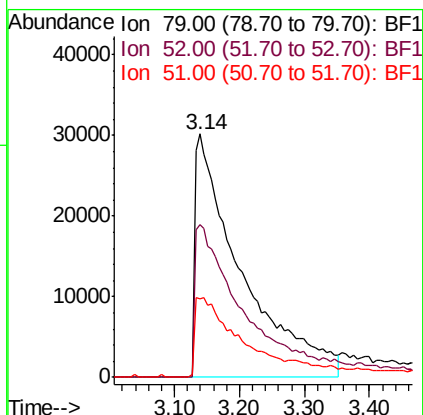
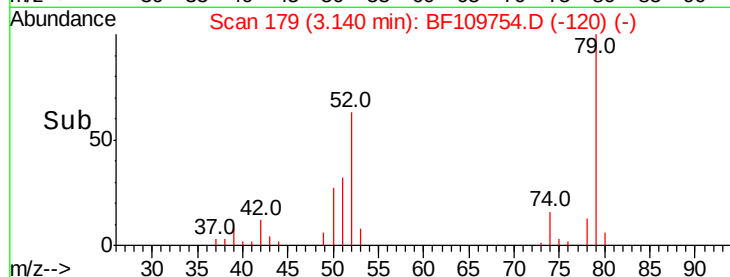
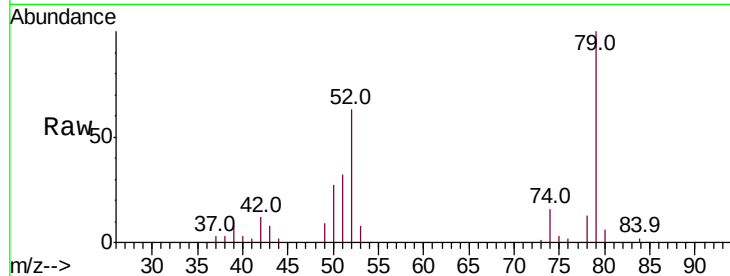
#3
 Pvridine
 Concen: 28.413 ng
 RT: 3.14 min Scan# 179
 Delta R.T. 0.05 min
 Lab File: BF109754.D
 Acq: 10 Oct 2018 20:44

Instrument :
 BNA_F
 ClientSampleId :
 RBR200035MSD

Tot Ion	Ratio	Lower	Upper
79	100		
52	62.6	53.1	79.7
51	32.3	27.4	41.2

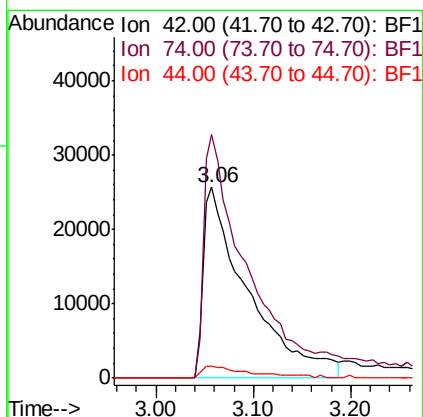
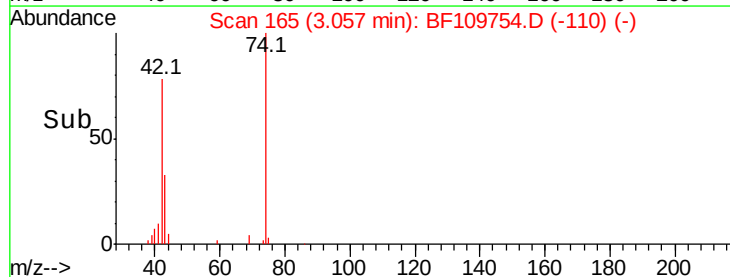
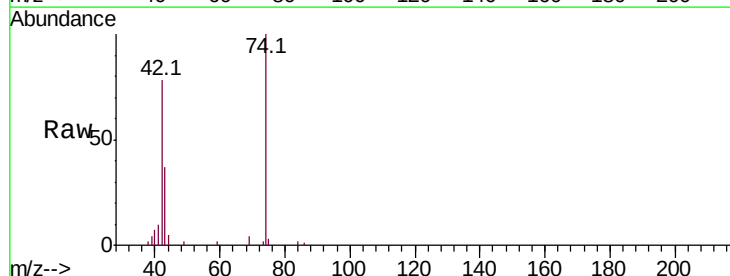
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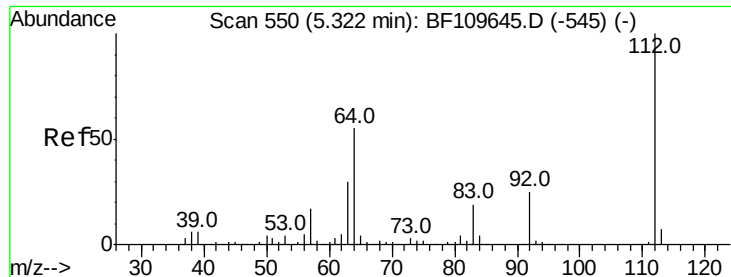
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#4
 n-Nitrosodimethylamine
 Concen: 43.227 ng
 RT: 3.06 min Scan# 165
 Delta R.T. 0.02 min
 Lab File: BF109754.D
 Acq: 10 Oct 2018 20:44

Tgt Ion	Ratio	Lower	Upper
42	100		
74	127.6	105.5	158.3
44	6.4	4.9	7.3





#5

2-Fluorophenol

Concen: 133.640 ng

RT: 5.32 min Scan# 550

Delta R.T. 0.00 min

Lab File: BF109754.D

Acq: 10 Oct 2018 20:44

Instrument :

BNA_F

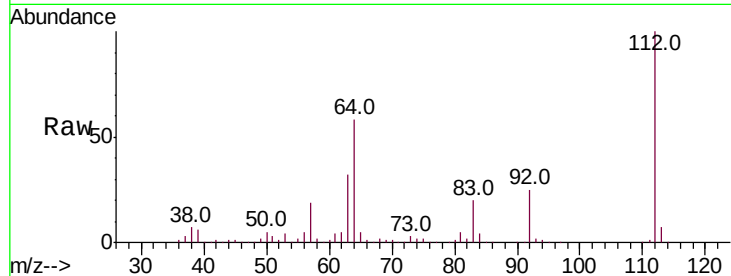
ClientSampleId :

RBR200035MSD

Tot Ion:	112	Resp:	643104
Ion Ratio	Lower	Upper	
112	100		
64	58.2	44.1	66.1
63	32.0	23.7	35.5

Manual Integrations
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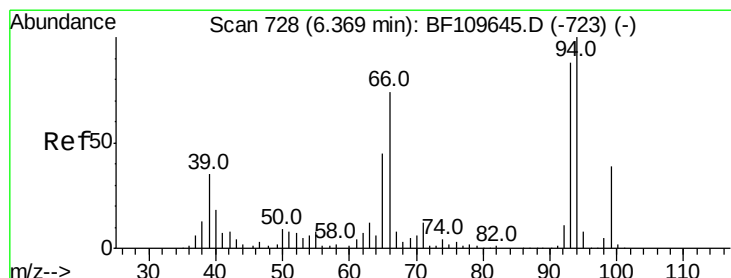
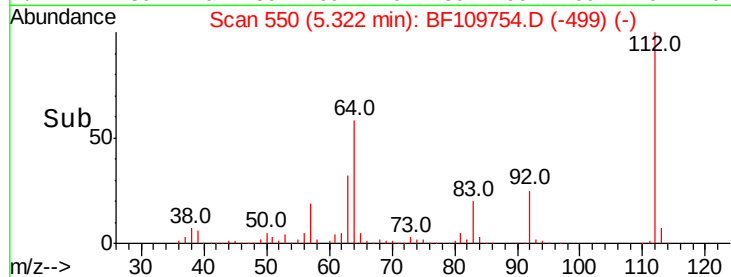
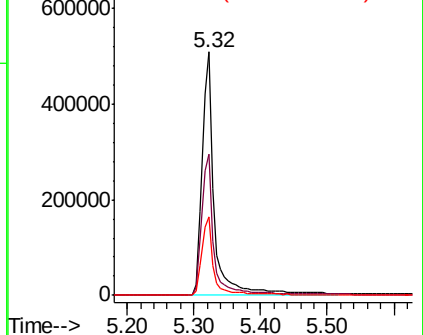
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Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 23.277 ng

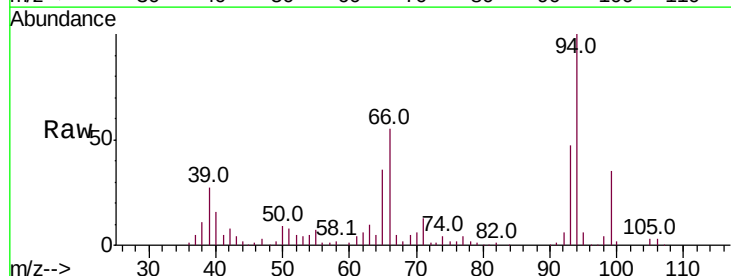
RT: 6.37 min Scan# 728

Delta R.T. -0.00 min

Lab File: BF109754.D

Acq: 10 Oct 2018 20:44

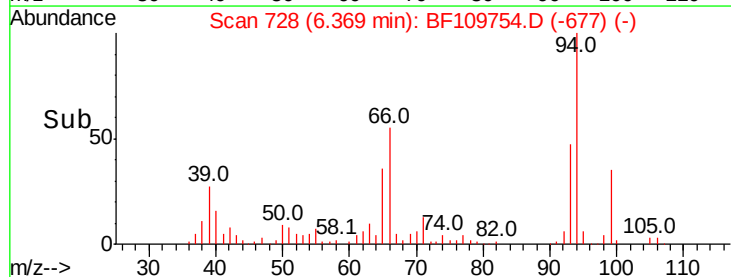
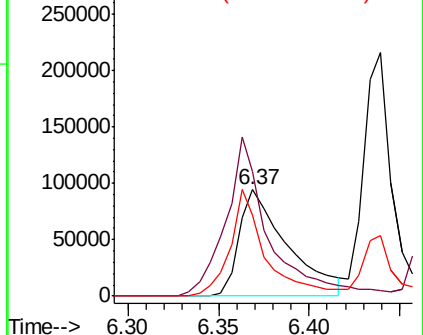
Tgt Ion:	93	Resp:	174310
Ion Ratio	Lower	Upper	
93	100		
66	117.2	67.4	101.0#
65	76.3	41.0	61.4#

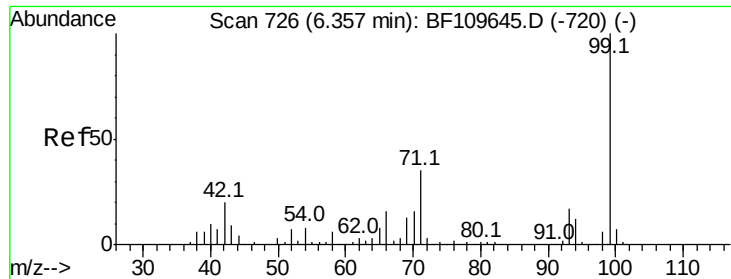


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 133.895 ng

RT: 6.35 min Scan# 725

Delta R.T. -0.01 min

Lab File: BF109754.D

Acq: 10 Oct 2018 20:44

Instrument :

BNA_F

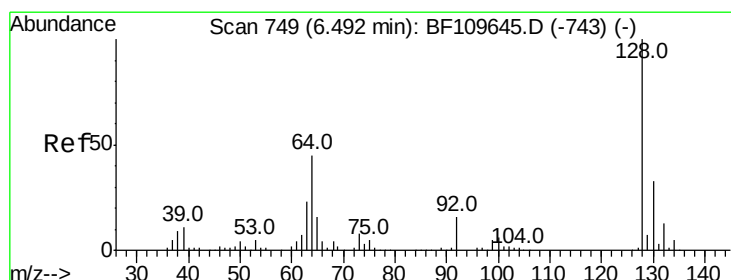
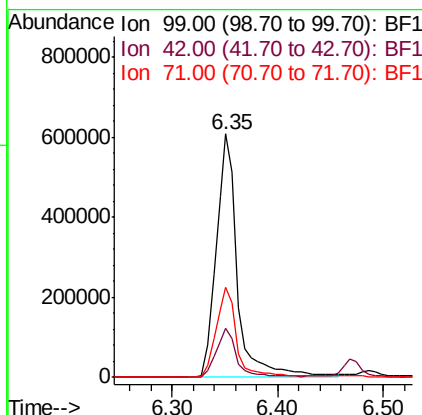
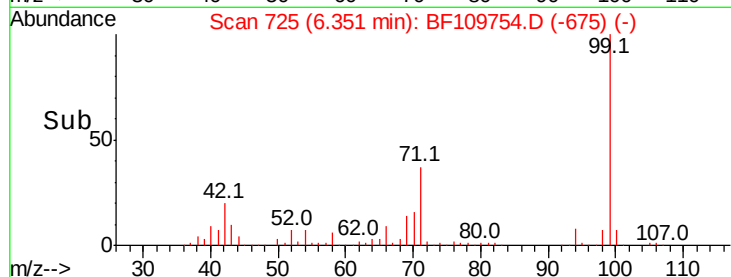
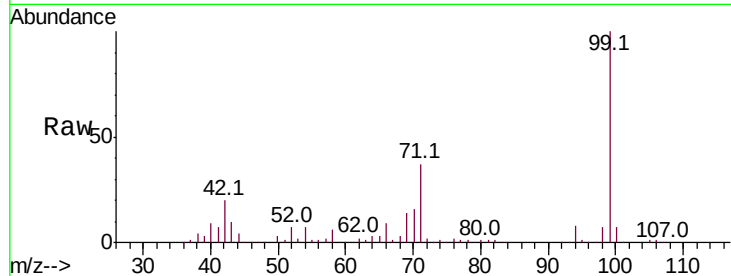
ClientSampleId :

RBR200035MSD

Tot Ion	99	Resp	860750
Ion Ratio	Lower	Upper	
99	100		
42	20.3	15.8	23.6
71	37.0	28.0	42.0

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#8

2-Chlorophenol

Concen: 43.962 ng

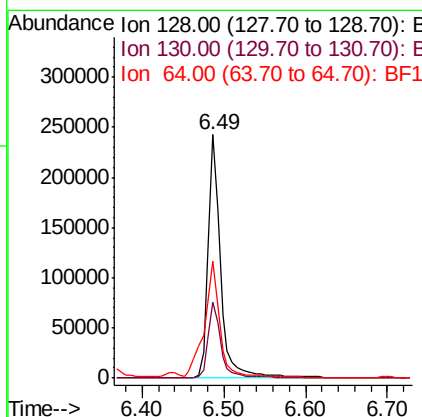
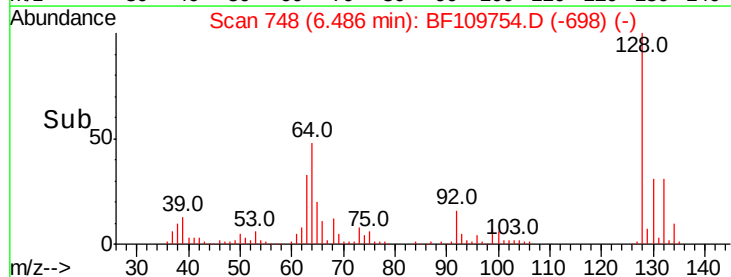
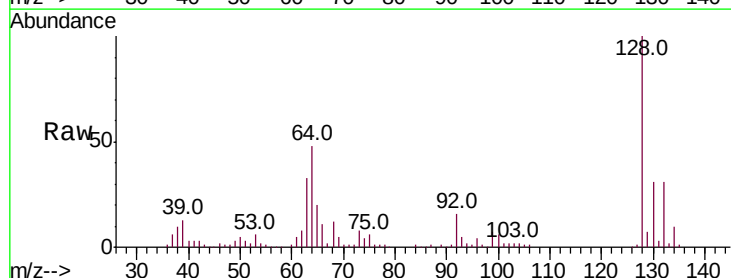
RT: 6.49 min Scan# 748

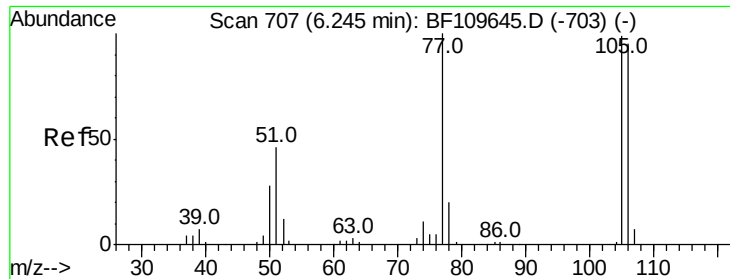
Delta R.T. -0.01 min

Lab File: BF109754.D

Acq: 10 Oct 2018 20:44

Tgt Ion	128	Resp	260184
Ion Ratio	Lower	Upper	
128	100		
130	31.3	13.1	53.1
64	48.0	26.0	66.0





#9

Benzaldehyde

Concen: 29.458 ng

RT: 6.25 min Scan# 707

Delta R.T. -0.00 min

Lab File: BF109754.D

Acq: 10 Oct 2018 20:44

Instrument :

BNA_F

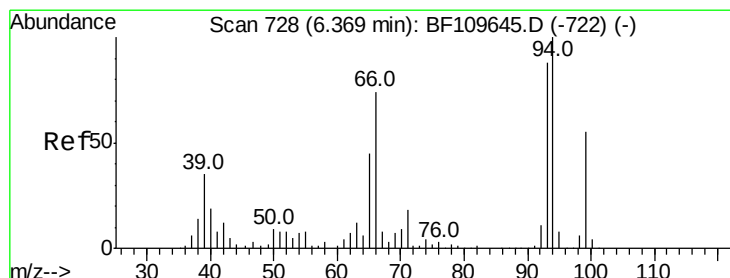
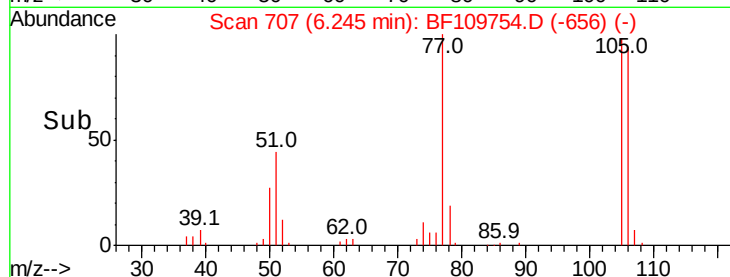
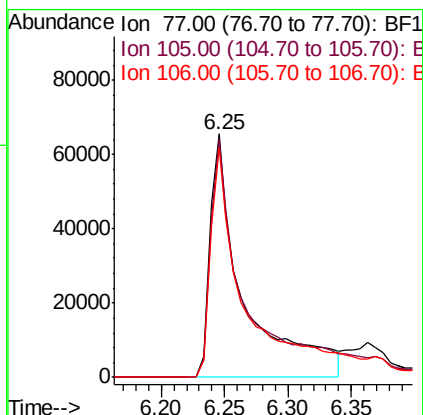
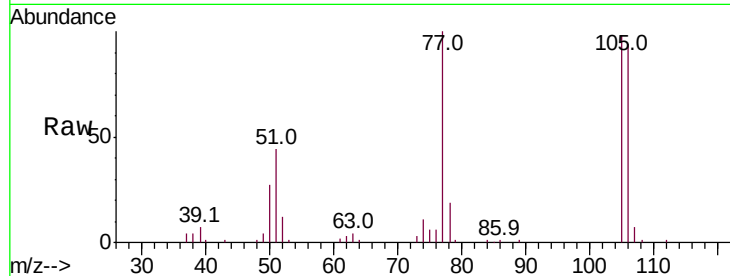
ClientSampleId :

RBR200035MSD

Tot Ion:	77	Resp:	121862
Ion	Ratio	Lower	Upper
77	100		
105	98.1	78.6	118.6
106	94.0	74.8	114.8

Manual Integrations
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#10

Phenol

Concen: 43.367 ng

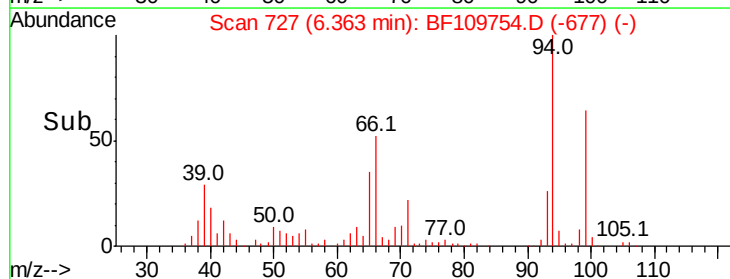
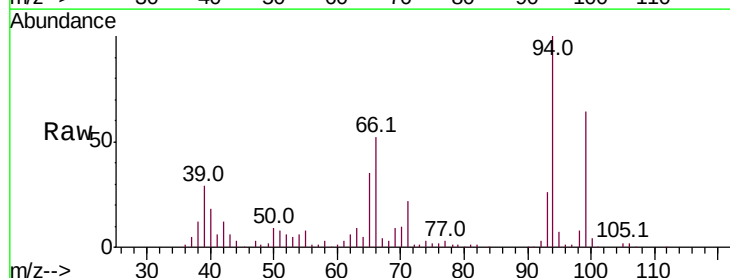
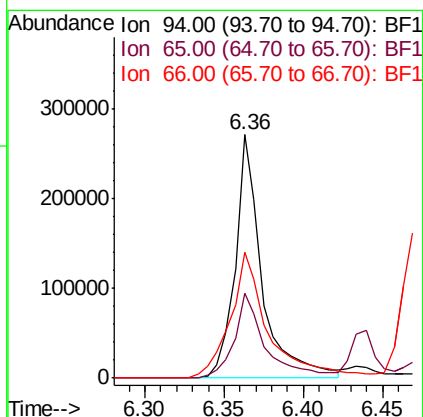
RT: 6.36 min Scan# 727

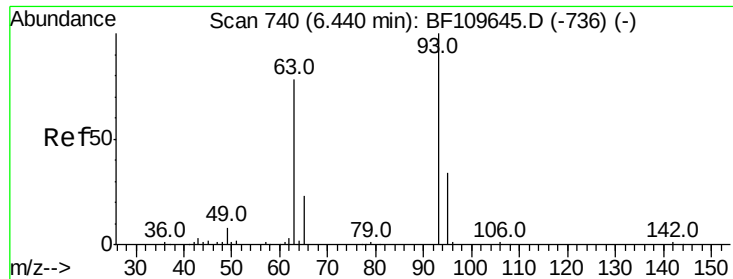
Delta R.T. -0.01 min

Lab File: BF109754.D

Acq: 10 Oct 2018 20:44

Tgt Ion:	94	Resp:	319679
Ion	Ratio	Lower	Upper
94	100		
65	35.1	25.3	65.3
66	51.9	54.5	94.5#





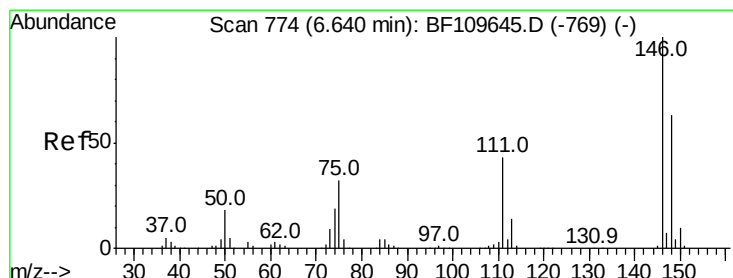
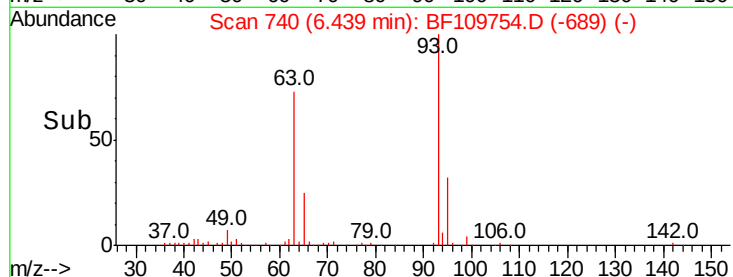
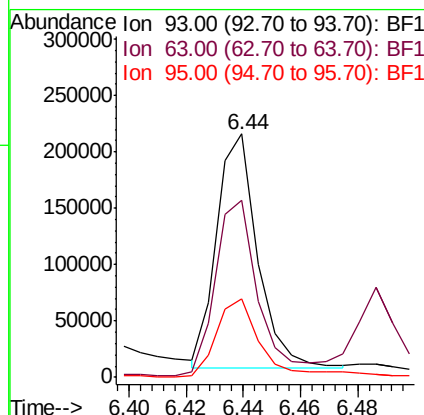
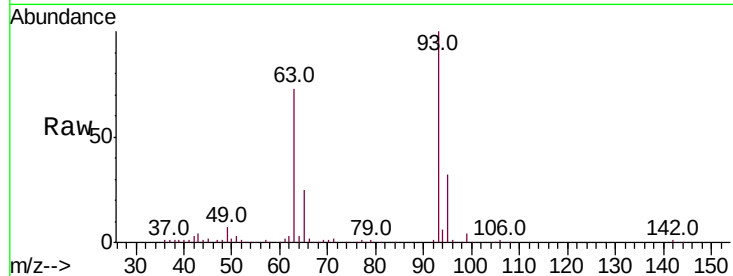
#11
bis(2-Chloroethyl)ether
Concen: 34.426 ng/ml
RT: 6.44 min Scan# 740
Delta R.T. -0.00 min
Lab File: BF109754.D
Acq: 10 Oct 2018 20:44

Instrument :
BNA_F
ClientSampleId :
RBR200035MSD

Tot Ion:	93	Resp:	210388
Ion	Ratio	Lower	Upper
93	100		
63	72.9	53.4	93.4
95	32.3	12.1	52.1

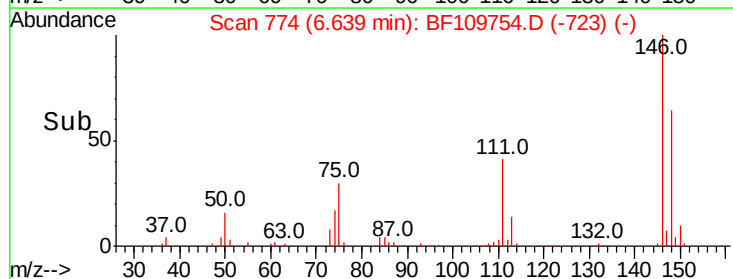
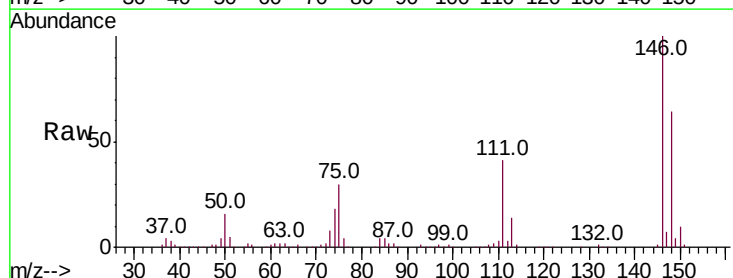
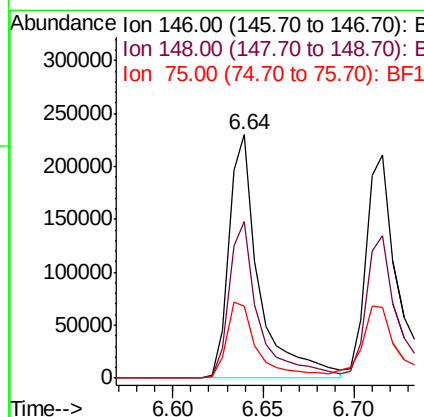
Manual Integrations
APPROVED

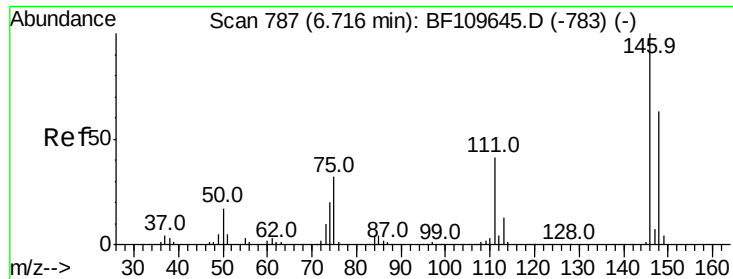
Sohil
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#12
1,3-Dichlorobenzene
Concen: 39.503 ng/ml
RT: 6.64 min Scan# 774
Delta R.T. -0.00 min
Lab File: BF109754.D
Acq: 10 Oct 2018 20:44

Tgt Ion:	146	Resp:	267397
Ion	Ratio	Lower	Upper
146	100		
148	64.2	50.4	75.6
75	29.9	25.8	38.6





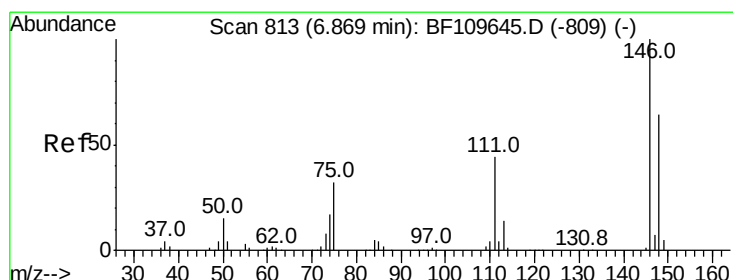
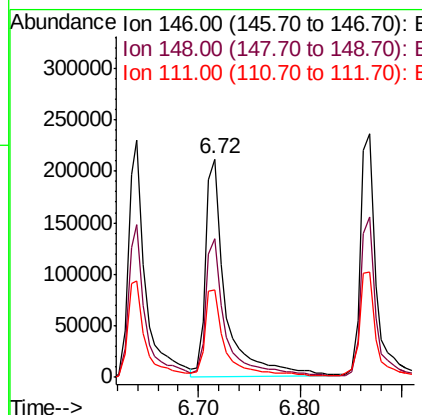
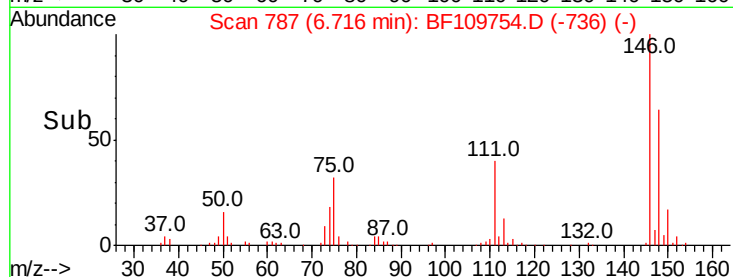
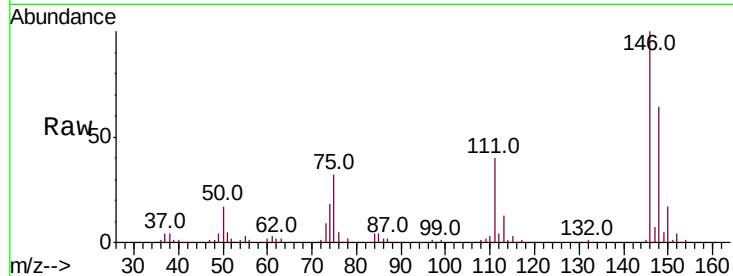
#13
1,4-Dichlorobenzene
Concen: 40.064 ng
RT: 6.72 min Scan# 787
Delta R.T. -0.00 min
Lab File: BF109754.D
Acq: 10 Oct 2018 20:44

Instrument :
BNA_F
ClientSampleId :
RBR200035MSD

Tot Ion	Ratio	Lower	Upper
146	100		
148	63.8	50.3	75.5
111	40.2	32.7	49.1

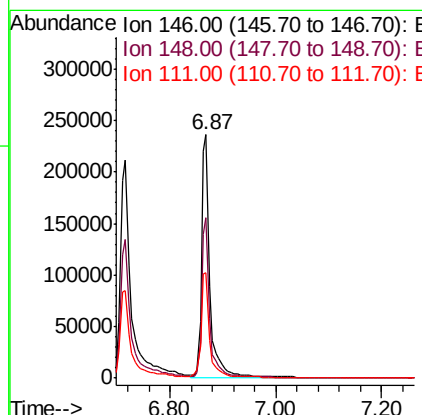
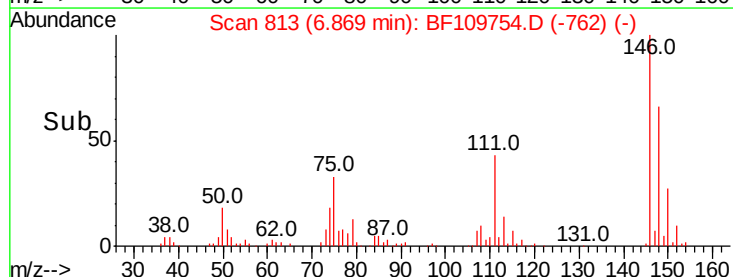
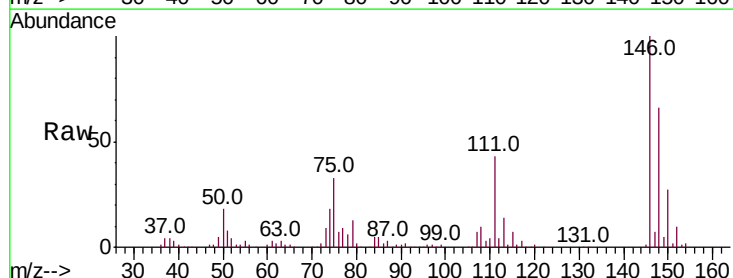
Manual Integrations
APPROVED

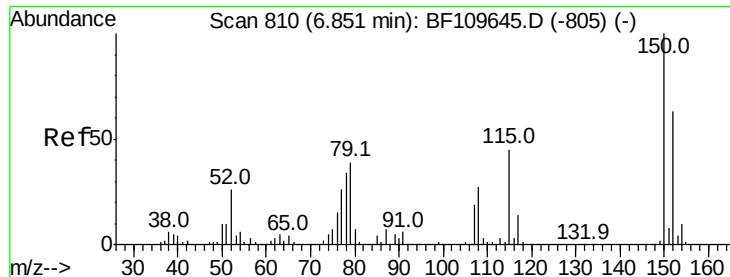
Sohil
10/11/2018 2:02:49 PM



#14
1,2-Dichlorobenzene
Concen: 41.642 ng
RT: 6.87 min Scan# 813
Delta R.T. -0.00 min
Lab File: BF109754.D
Acq: 10 Oct 2018 20:44

Tgt Ion	Ratio	Lower	Upper
146	100		
148	65.7	51.1	76.7
111	43.2	35.8	53.6





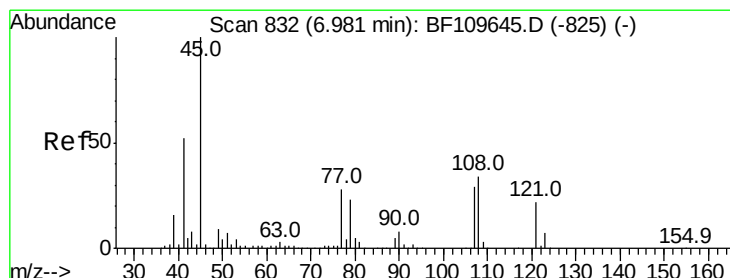
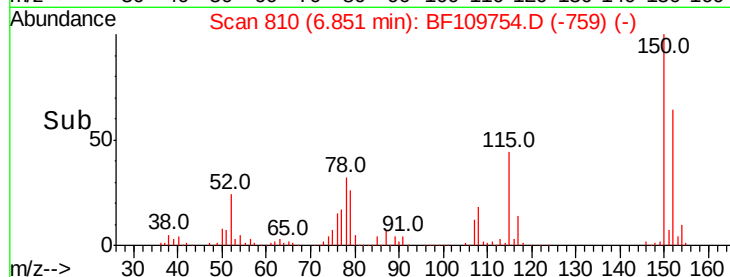
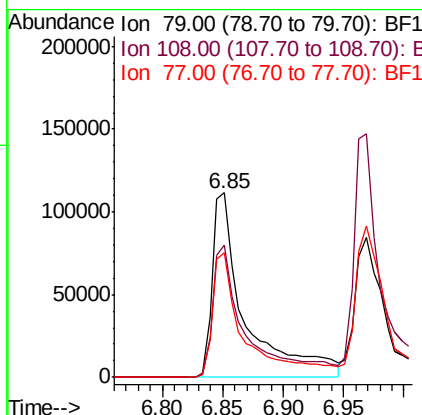
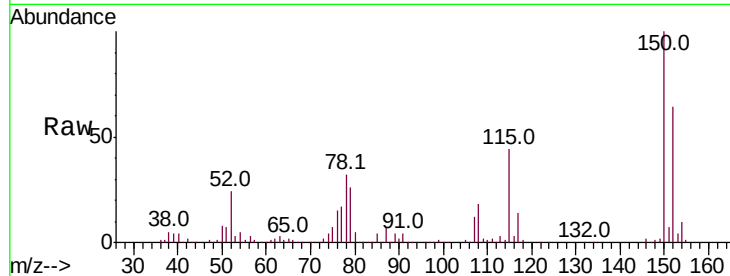
#15
Benzyl Alcohol
Concen: 44.229 ng
RT: 6.85 min Scan# 810
Delta R.T. -0.00 min
Lab File: BF109754.D
Acq: 10 Oct 2018 20:44

Instrument :
BNA_F
ClientSampleId :
RBR200035MSD

Tot Ion	Ratio	Lower	Upper
79	100		
108	71.9	56.3	84.5
77	67.4	52.9	79.3

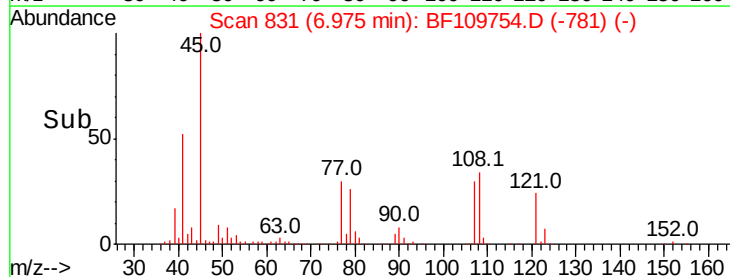
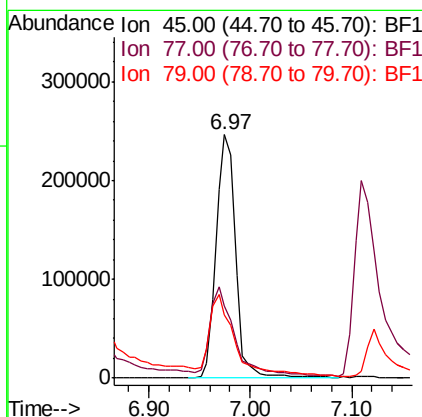
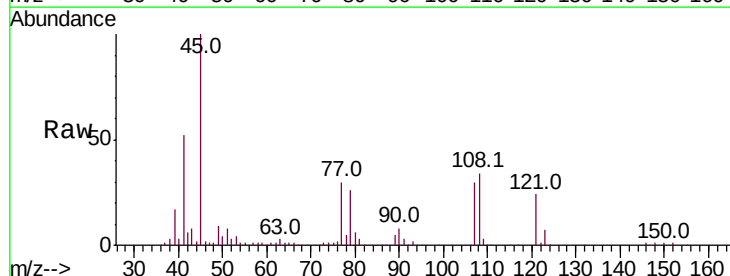
Manual Integrations
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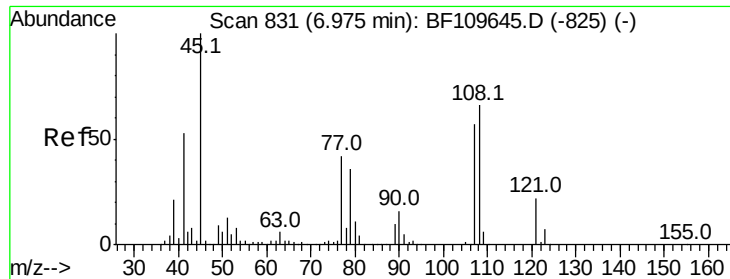
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#16
2,2'-oxybis(1-chloropropane)
Concen: 40.799 ng
RT: 6.97 min Scan# 831
Delta R.T. -0.01 min
Lab File: BF109754.D
Acq: 10 Oct 2018 20:44

Tgt Ion	Ratio	Lower	Upper
45	100		
77	29.7	10.0	50.0
79	25.7	6.1	46.1





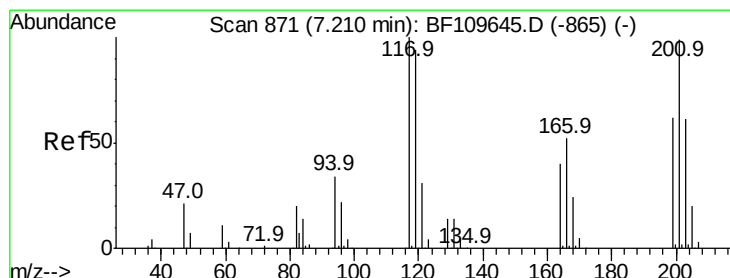
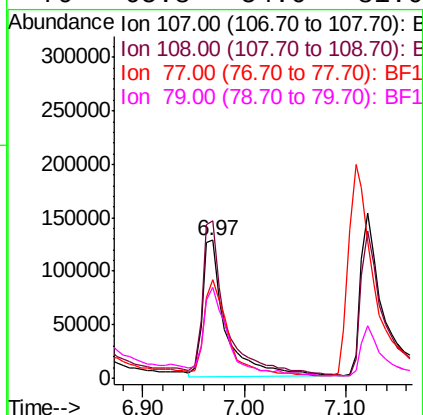
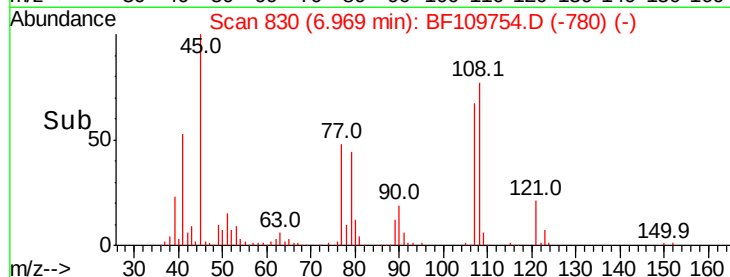
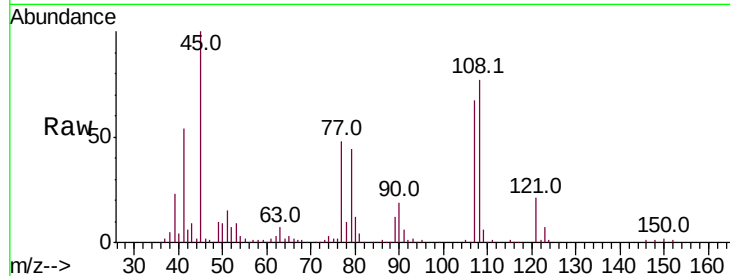
#17
2-Methylphenol
Concen: 43.397 ng
RT: 6.97 min Scan# 830
Delta R.T. -0.01 min
Lab File: BF109754.D
Acq: 10 Oct 2018 20:44

Instrument :
BNA_F
ClientSampleId :
RBR200035MSD

Tot Ion	Ratio	Lower	Upper
107	100		
108	114.2	92.6	138.8
77	71.3	59.4	89.2
79	65.8	54.0	81.0

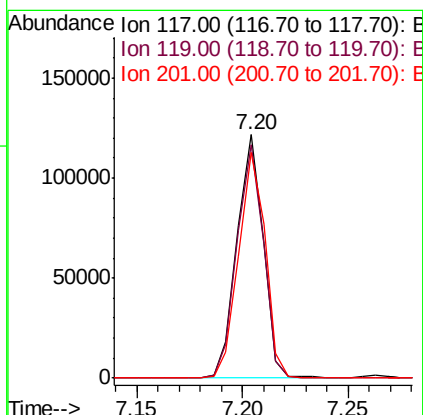
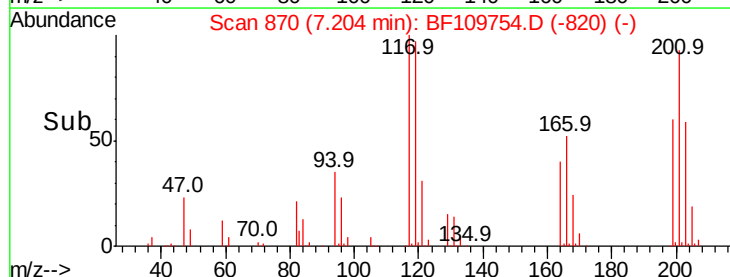
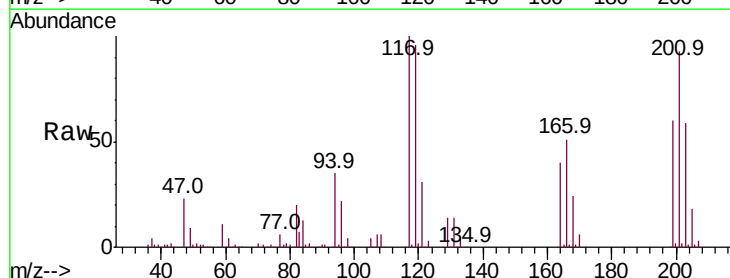
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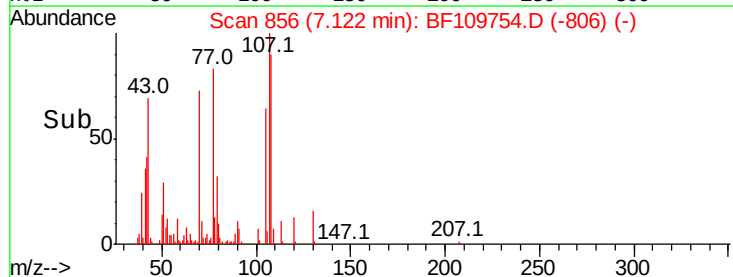
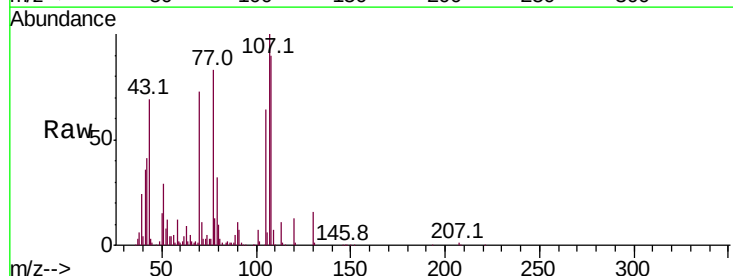
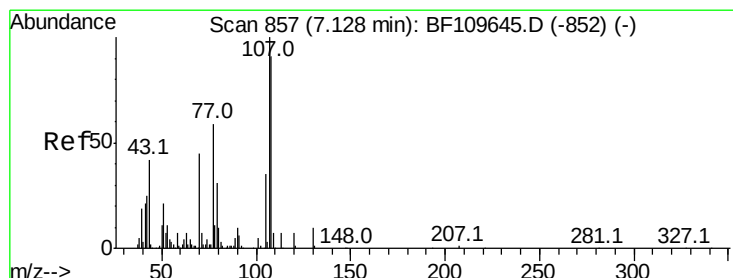
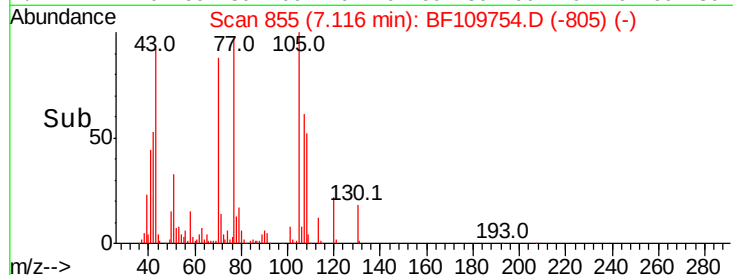
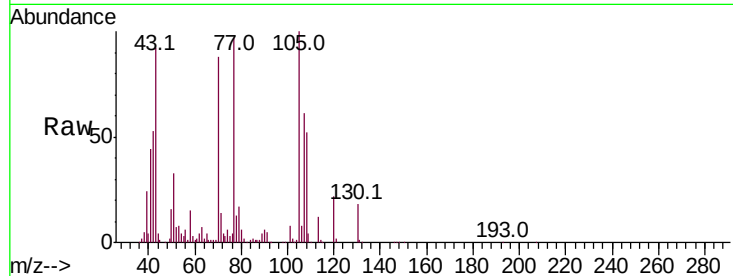
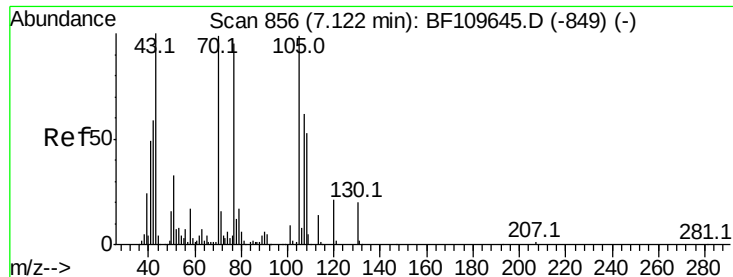
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#18
Hexachloroethane
Concen: 40.087 ng
RT: 7.20 min Scan# 870
Delta R.T. -0.01 min
Lab File: BF109754.D
Acq: 10 Oct 2018 20:44

Tgt Ion	Ratio	Lower	Upper
117	100		
119	96.0	75.0	112.6
201	92.7	79.2	118.8





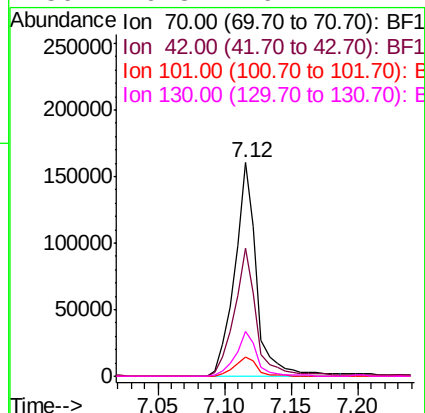
#19
n-Nitroso-di-n-propylamine
Concen: 41.249 ng
RT: 7.12 min Scan# 855
Delta R.T. -0.01 min
Lab File: BF109754.D
Acq: 10 Oct 2018 20:44

Instrument :
BNA_F
ClientSampleId :
RBR200035MSD

Tot Ion	Ratio	Lower	Upper
70	100		
42	60.1	47.4	71.2
101	9.0	7.3	10.9
130	20.8	16.2	24.2

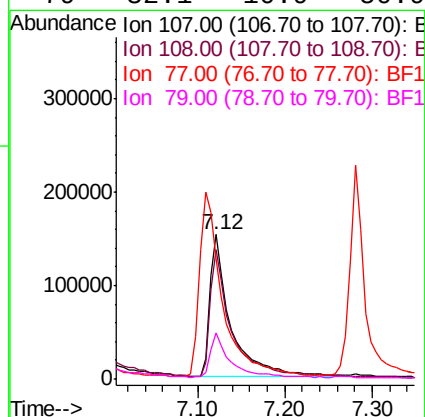
Manual Integrations
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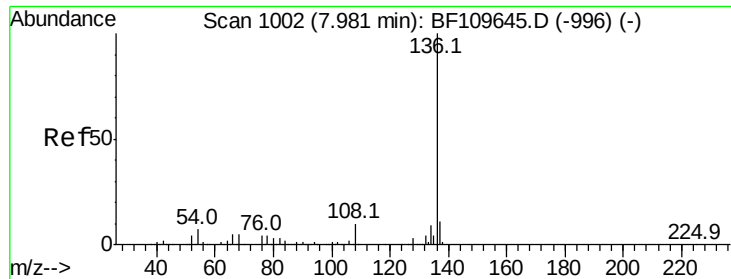
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#20
3+4-Methylphenols
Concen: 43.567 ng
RT: 7.12 min Scan# 856
Delta R.T. -0.01 min
Lab File: BF109754.D
Acq: 10 Oct 2018 20:44

Tgt Ion	Ratio	Lower	Upper
107	100		
108	89.7	71.4	111.4
77	83.2	47.3	87.3
79	32.1	10.9	50.9





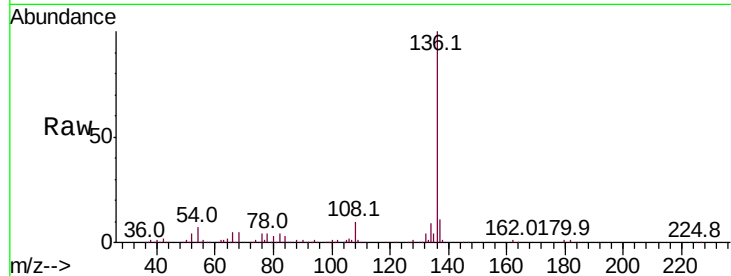
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.97 min Scan# 1001
Delta R.T. -0.01 min
Lab File: BF109754.D
Acq: 10 Oct 2018 20:44

Instrument :
BNA_F
ClientSampleId :
RBR200035MSD

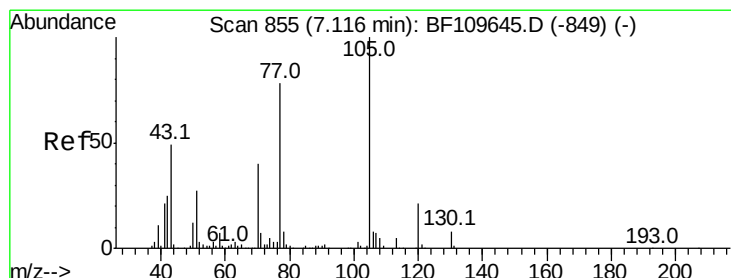
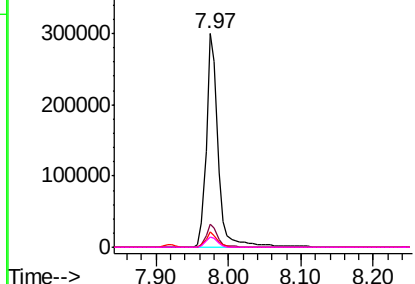
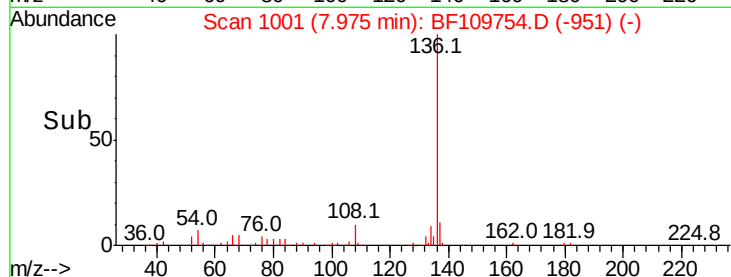
Tot Ion	Ratio	Resp	Lower	Upper
136	100			
137	10.9	8.8	13.2	
54	7.0	5.4	8.2	
68	5.1	4.2	6.2	

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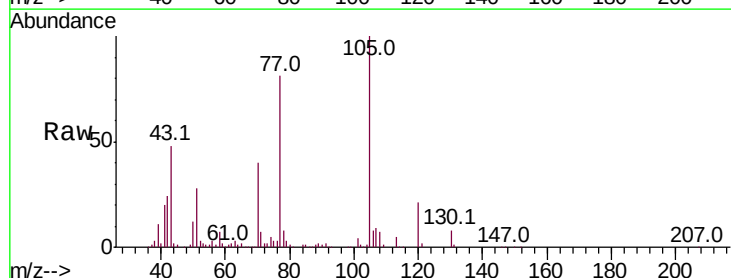


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

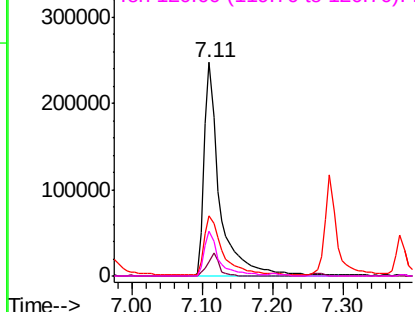
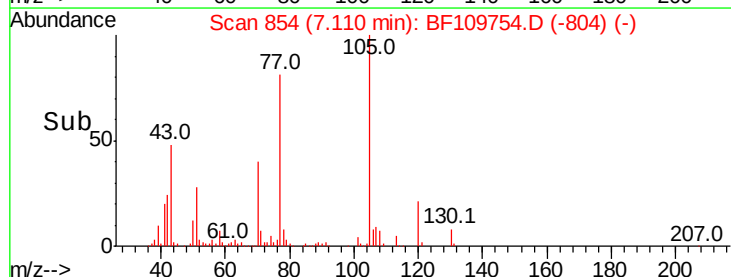


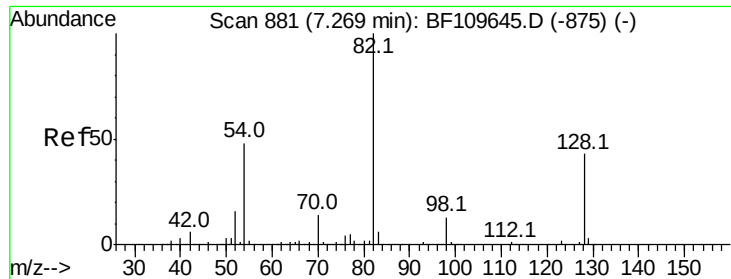
#22
Acetophenone
Concen: 46.253 ng
RT: 7.11 min Scan# 854
Delta R.T. -0.01 min
Lab File: BF109754.D
Acq: 10 Oct 2018 20:44

Tgt Ion	Ratio	Resp	Lower	Upper
105	100			
71	6.5	5.2	7.8	
51	28.1	21.8	32.8	
120	21.1	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: 92.896 ng

RT: 7.26 min Scan# 880

Delta R.T. -0.01 min

Lab File: BF109754.D

Acq: 10 Oct 2018 20:44

Instrument :

BNA_F

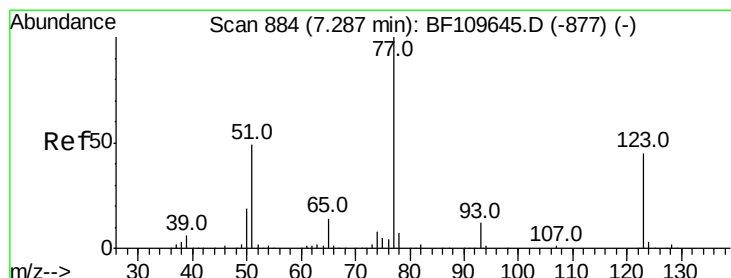
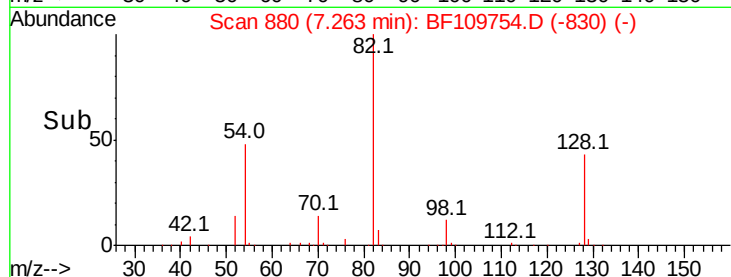
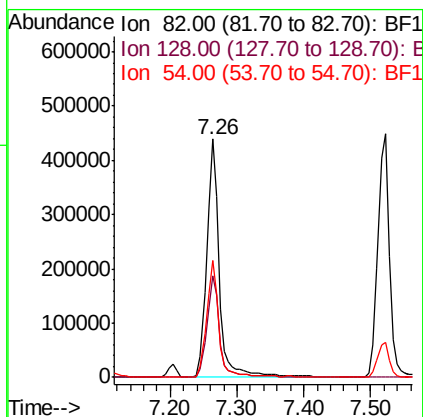
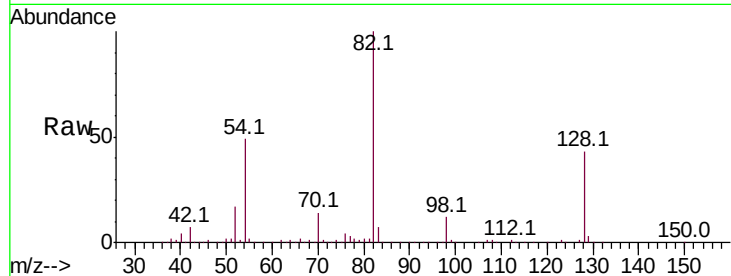
ClientSampleId :

RBR200035MSD

Tot Ion	82	Resp	577318
Ion Ratio	Lower	Upper	
82	100		
128	42.8	34.2	51.2
54	49.1	38.6	58.0

Manual Integrations
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#24

Nitrobenzene

Concen: 42.360 ng

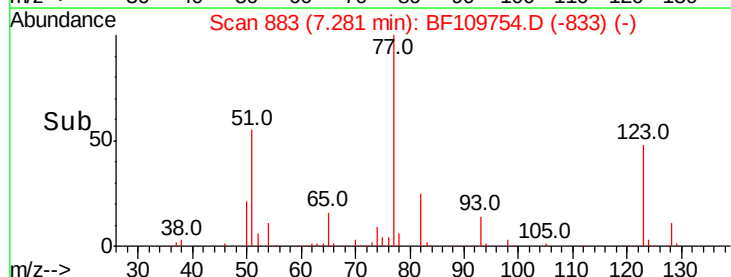
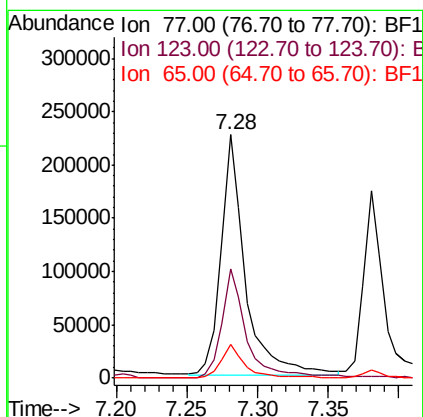
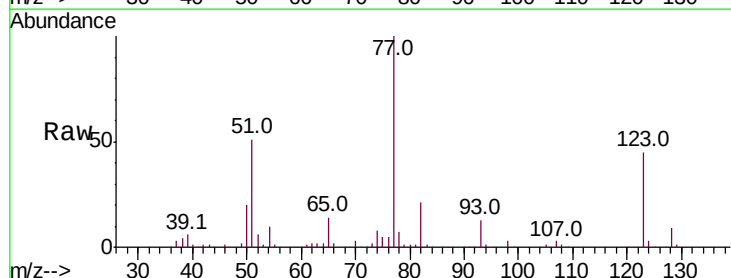
RT: 7.28 min Scan# 883

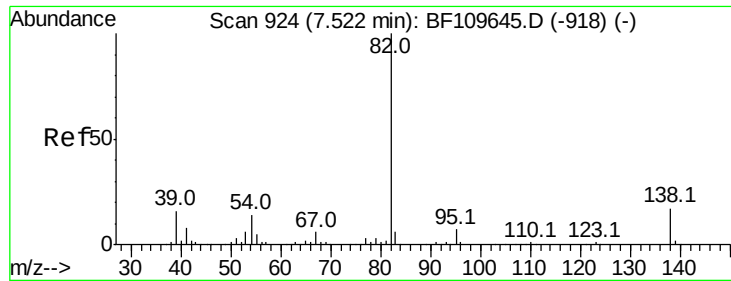
Delta R.T. -0.01 min

Lab File: BF109754.D

Acq: 10 Oct 2018 20:44

Tgt Ion	77	Resp	273932
Ion Ratio	Lower	Upper	
77	100		
123	44.7	35.7	53.5
65	14.0	10.7	16.1





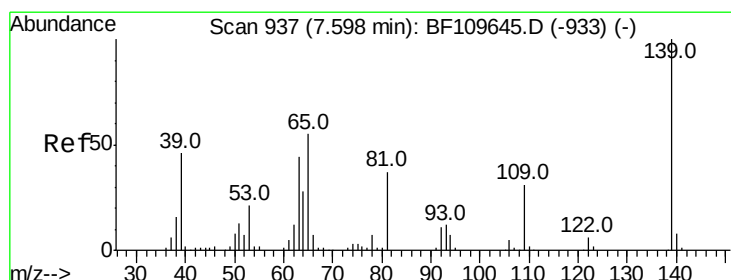
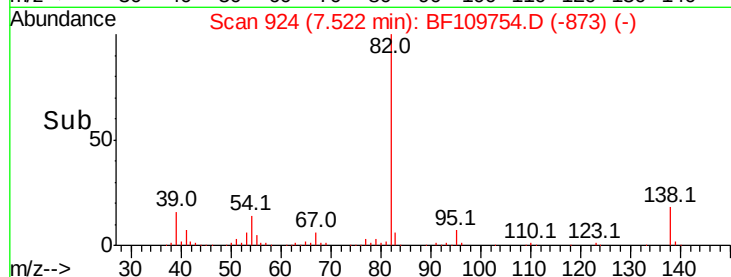
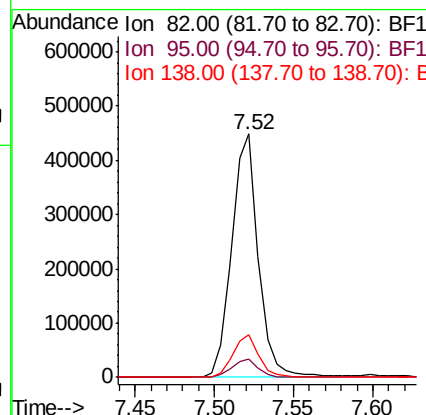
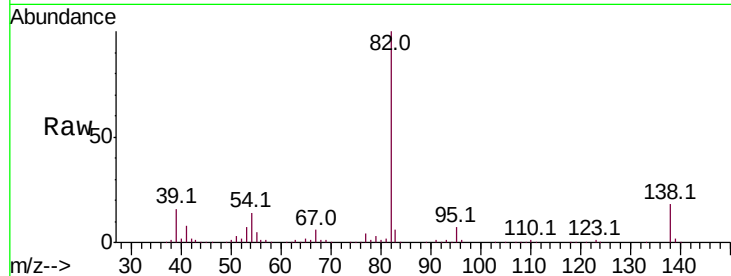
#25
Isophorone
Concen: 50.064 ng
RT: 7.52 min Scan# 924
Delta R.T. -0.00 min
Lab File: BF109754.D
Acq: 10 Oct 2018 20:44

Instrument :
BNA_F
ClientSampleId :
RBR200035MSD

Tot Ion	Ratio	Resp	Lower	Upper
82	100			
95	7.4	5.7	8.5	
138	17.6	13.2	19.8	

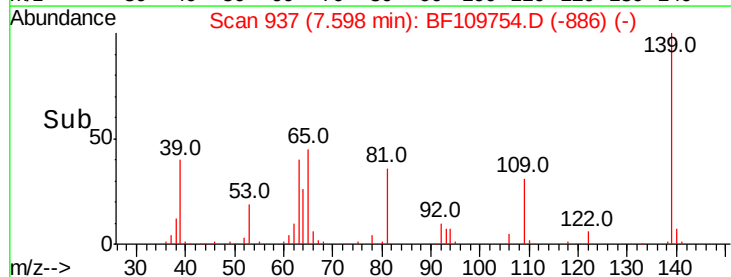
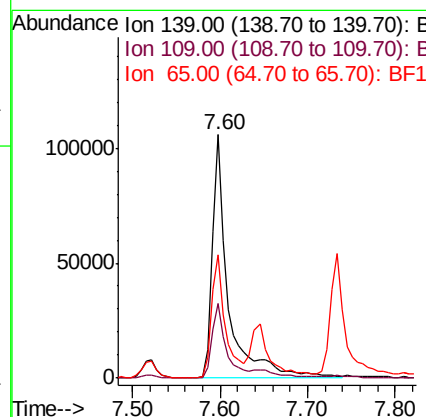
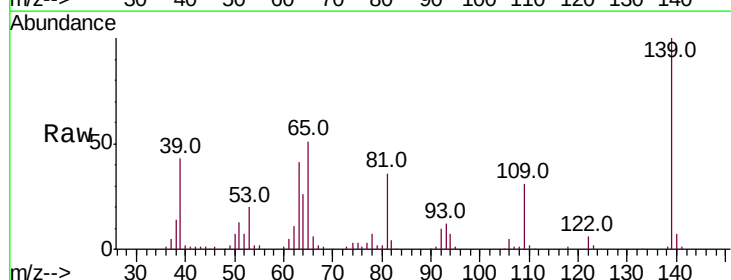
Manual Integrations
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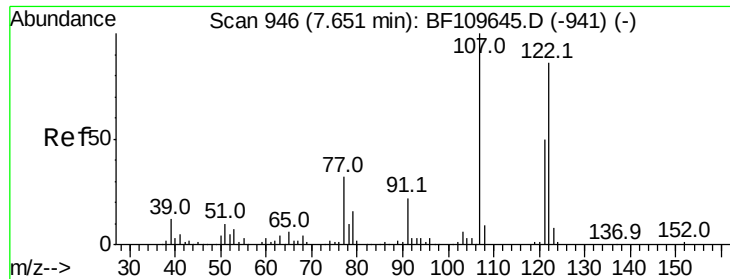
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10/11/2018 2:02:49 PM



#26
2-Nitrophenol
Concen: 44.921 ng
RT: 7.60 min Scan# 937
Delta R.T. -0.00 min
Lab File: BF109754.D
Acq: 10 Oct 2018 20:44

Tgt Ion	Ratio	Resp	Lower	Upper
139	100			
109	30.7	25.0	37.6	
65	50.5	44.0	66.0	





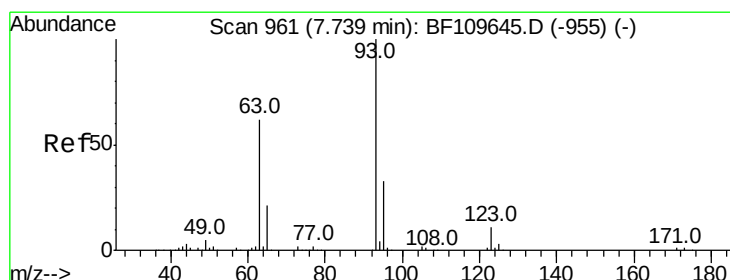
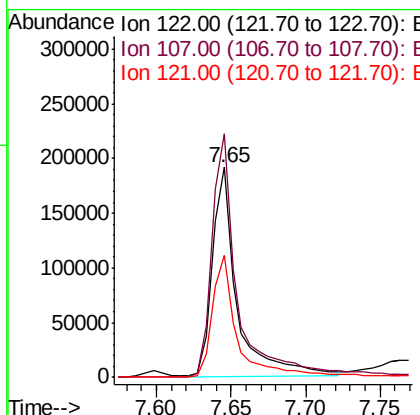
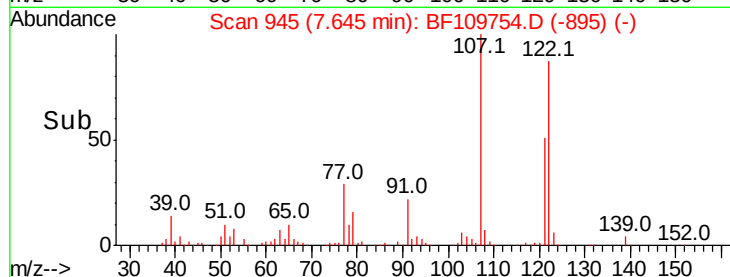
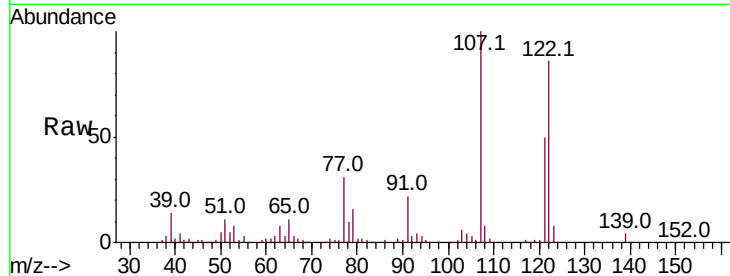
#27
2,4-Dimethylphenol
Concen: 50.702 ng
RT: 7.65 min Scan# 945
Delta R.T. -0.01 min
Lab File: BF109754.D
Acq: 10 Oct 2018 20:44

Instrument :
BNA_F
ClientSampleId :
RBR200035MSD

Tot Ion	Ratio	Resp	Lower	Upper
122	100	221463		
107	115.8	92.5	138.7	
121	58.2	45.8	68.8	

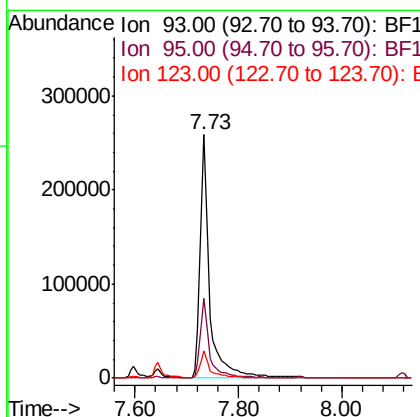
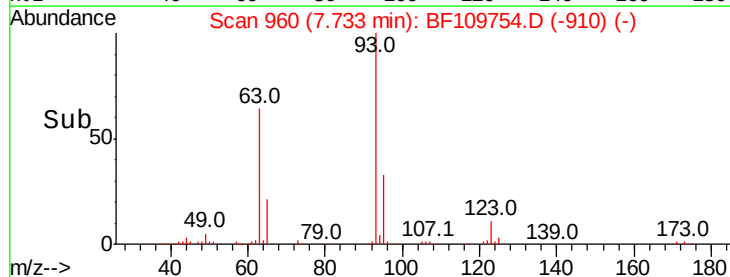
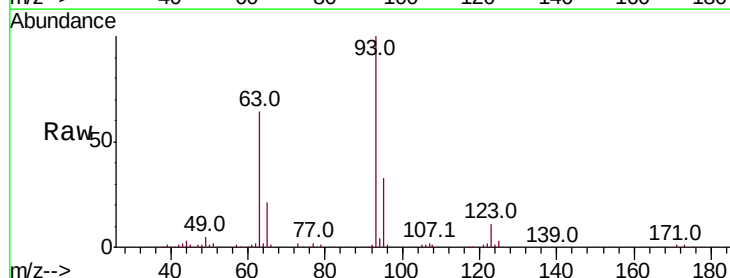
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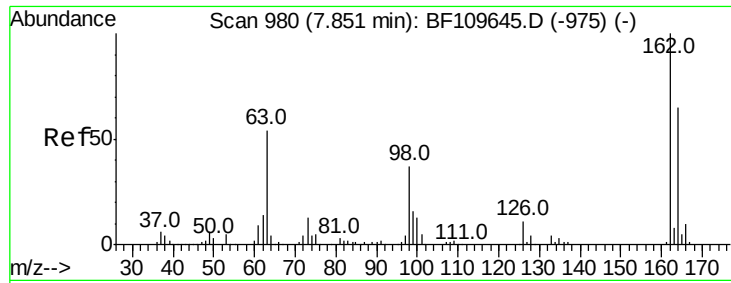
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10/11/2018 2:02:49 PM



#28
bis(2-Chloroethoxy)methane
Concen: 46.348 ng
RT: 7.73 min Scan# 960
Delta R.T. -0.01 min
Lab File: BF109754.D
Acq: 10 Oct 2018 20:44

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	323529		
95	32.5	26.4	39.6	
123	11.1	9.0	13.6	





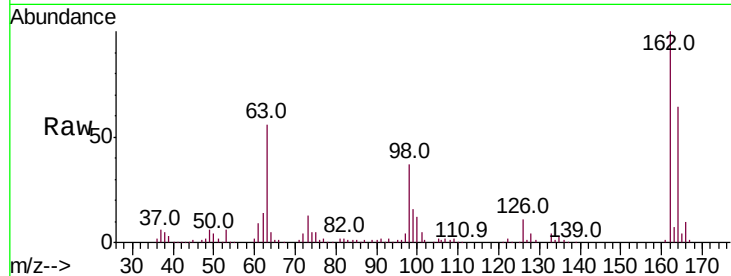
#29
2,4-Dichlorophenol
Concen: 45.879 ng
RT: 7.85 min Scan# 979
Delta R.T. -0.01 min
Lab File: BF109754.D
Acq: 10 Oct 2018 20:44

Instrument :
BNA_F
ClientSampleId :
RBR200035MSD

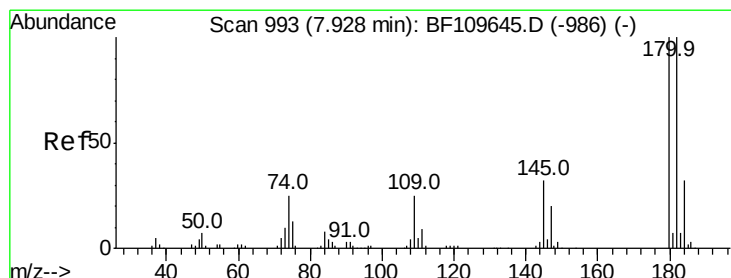
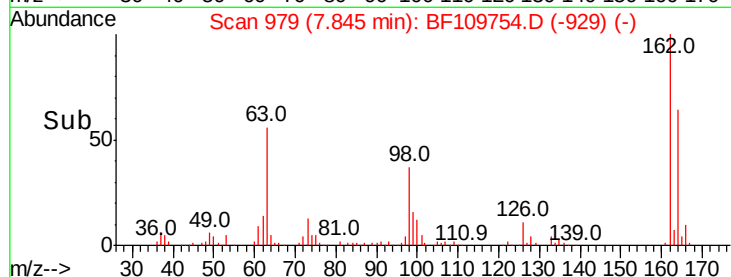
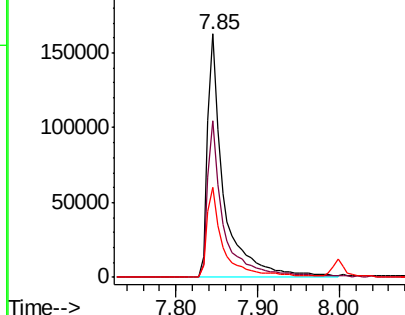
Tot Ion:	162	Resp:	224780
Ion Ratio	Lower	Upper	
162	100		
164	64.1	44.6	84.6
98	36.7	17.4	57.4

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10/11/2018 2:02:49 PM

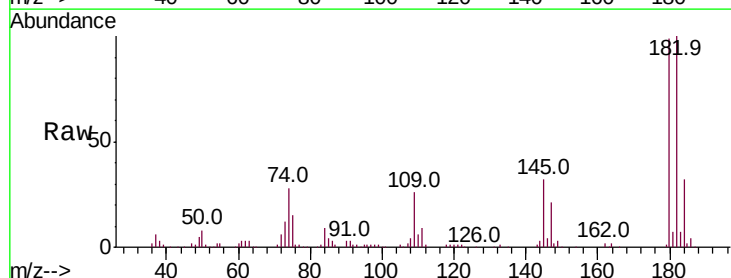


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): BF1

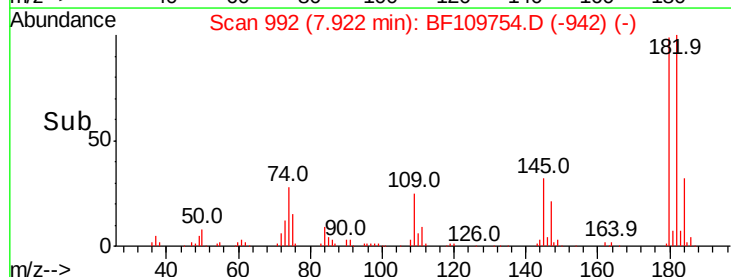
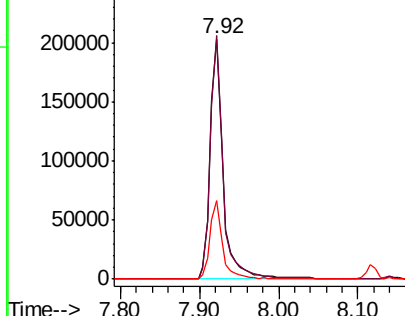


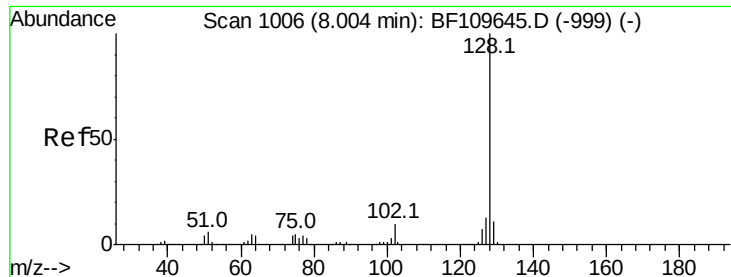
#30
1,2,4-Trichlorobenzene
Concen: 42.777 ng
RT: 7.92 min Scan# 992
Delta R.T. -0.01 min
Lab File: BF109754.D
Acq: 10 Oct 2018 20:44

Tgt Ion:	180	Resp:	232007
Ion Ratio	Lower	Upper	
180	100		
182	101.3	80.3	120.5
145	32.9	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





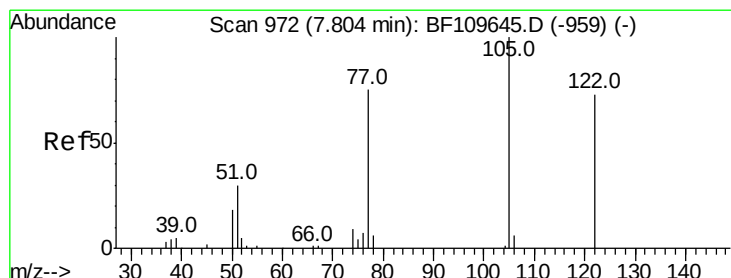
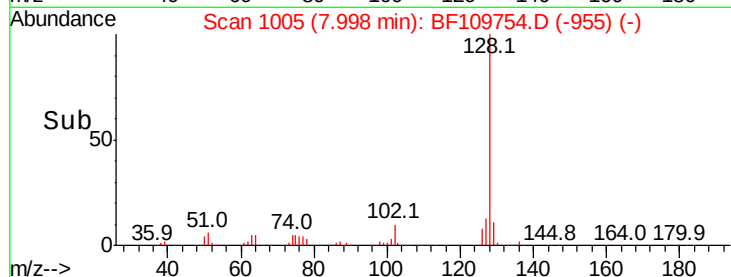
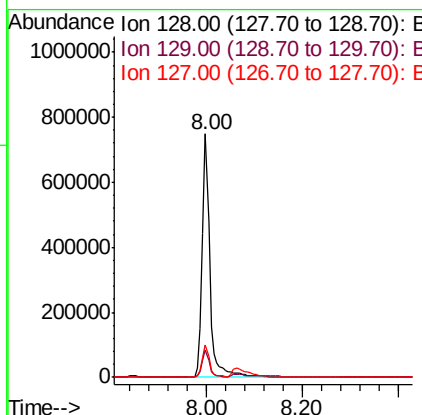
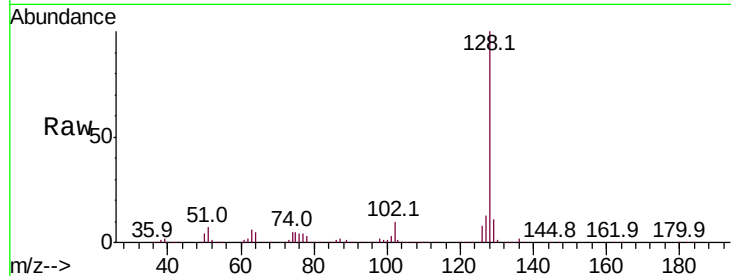
#31
Naphthalene
Concen: 52.932 ng
RT: 8.00 min Scan# 1005
Delta R.T. -0.01 min
Lab File: BF109754.D
Acq: 10 Oct 2018 20:44

Instrument :
BNA_F
ClientSampleId :
RBR200035MSD

Tot Ion	Ratio	Resp	Lower	Upper
128	100			
129	11.4	8.8	13.2	
127	13.5	10.8	16.2	

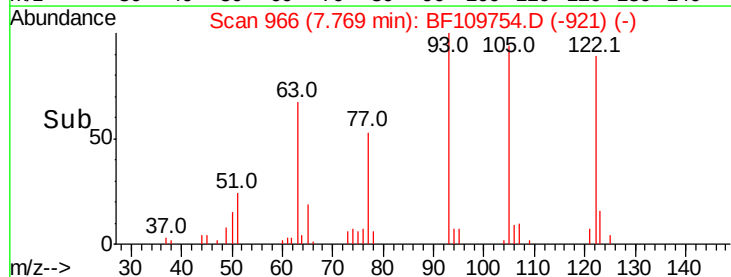
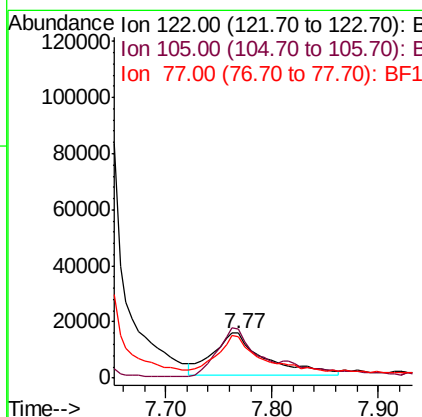
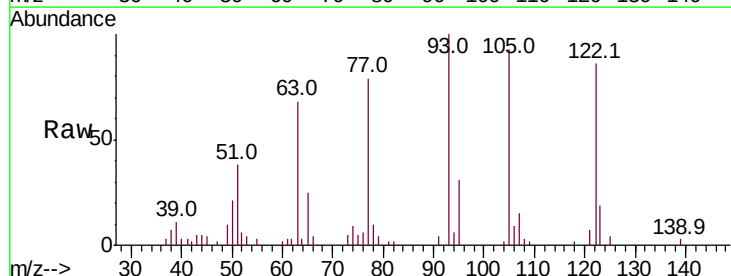
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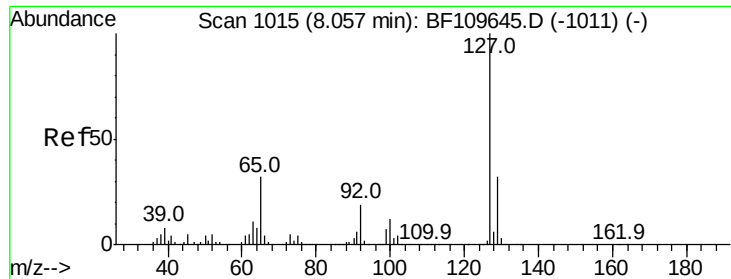
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10/11/2018 2:02:49 PM



#32
Benzoic acid
Concen: 16.129 ng m
RT: 7.77 min Scan# 966
Delta R.T. -0.04 min
Lab File: BF109754.D
Acq: 10 Oct 2018 20:44

Tgt Ion	Ratio	Resp	Lower	Upper
122	100			
105	109.2	109.0	149.0	
77	92.8	79.0	119.0	





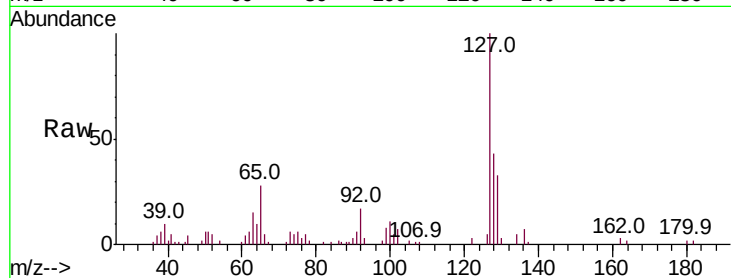
#33
4-Chloroaniline
Concen: 10.701 ng
RT: 8.06 min Scan# 1016
Delta R.T. 0.01 min
Lab File: BF109754.D
Acq: 10 Oct 2018 20:44

Instrument :
BNA_F
ClientSampleId :
RBR200035MSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100		74660		
129	33.3	26.0	39.0		
65	28.3	25.1	37.7		
92	17.0	15.0	22.6		

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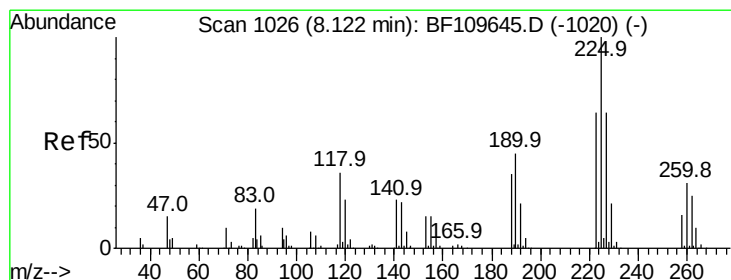
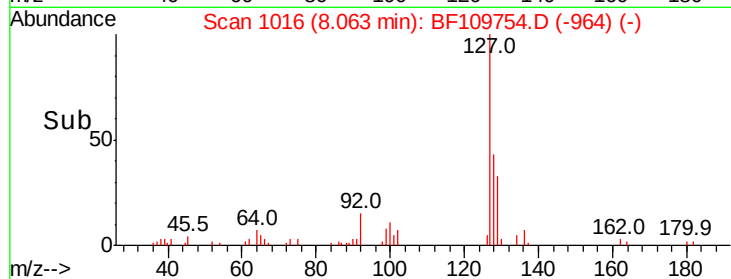
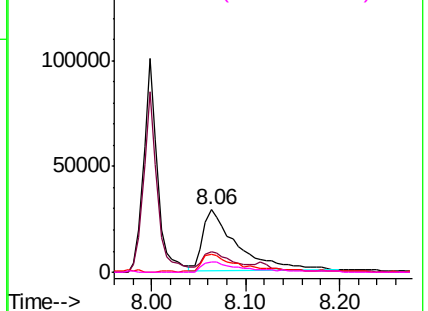
Abundance

Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

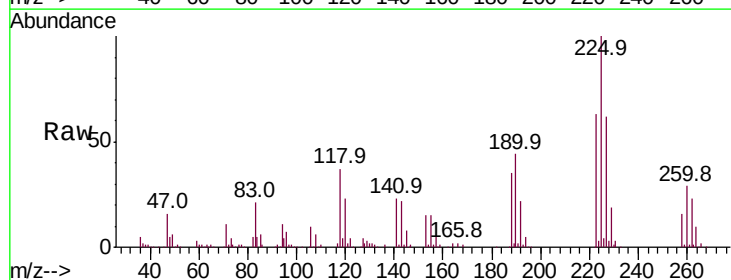
Ion 65.00 (64.70 to 65.70): BF1

Ion 92.00 (91.70 to 92.70): BF1



#34
Hexachlorobutadiene
Concen: 41.378 ng
RT: 8.12 min Scan# 1025
Delta R.T. -0.01 min
Lab File: BF109754.D
Acq: 10 Oct 2018 20:44

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100		139538		
223	62.5	51.4	77.2		
227	61.8	51.0	76.6		

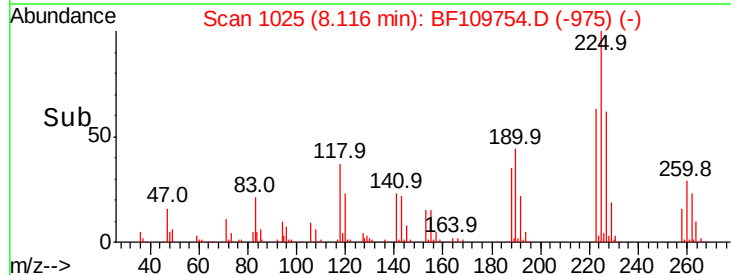
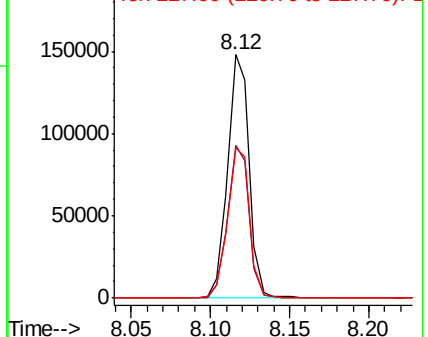


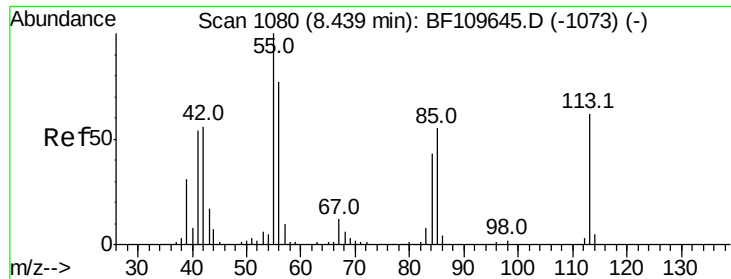
Abundance

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





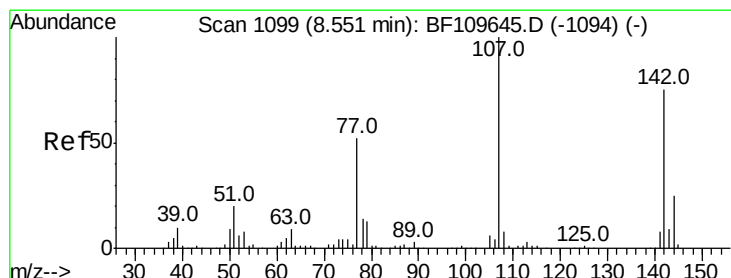
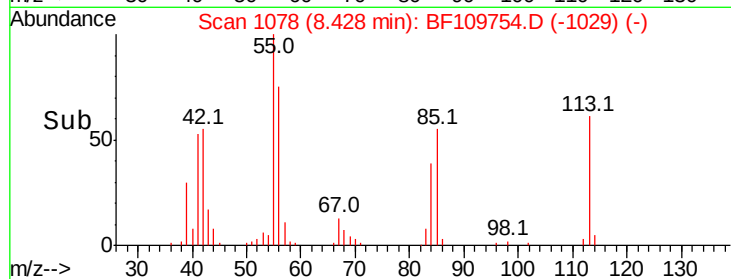
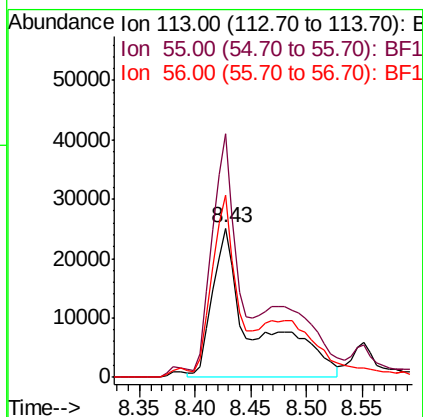
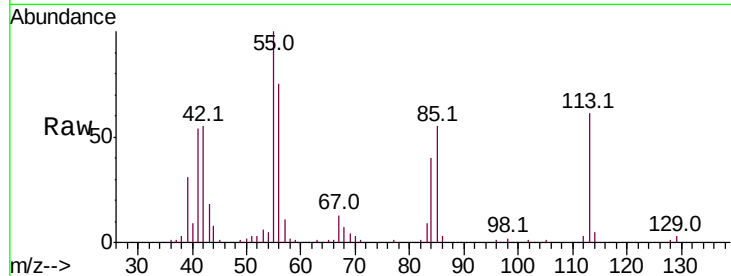
#35
Caprolactam
Concen: 44.980 ng/ml
RT: 8.43 min Scan# 1078
Delta R.T. -0.01 min
Lab File: BF109754.D
Acq: 10 Oct 2018 20:44

Instrument :
BNA_F
ClientSampleID :
RBR200035MSD

Tot Ion	Ratio	Lower	Upper
113	100		
55	163.1	142.8	182.8
56	122.0	105.0	145.0

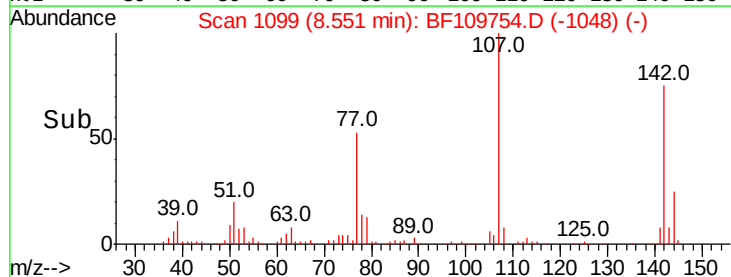
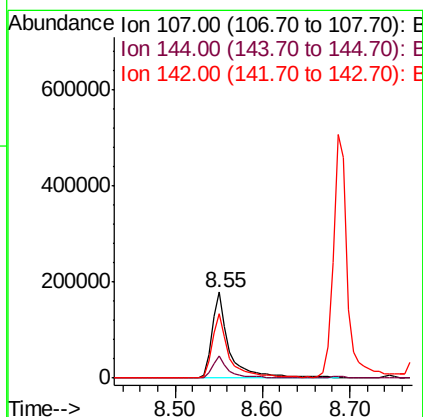
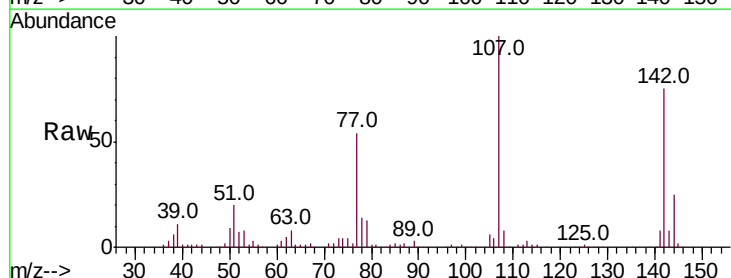
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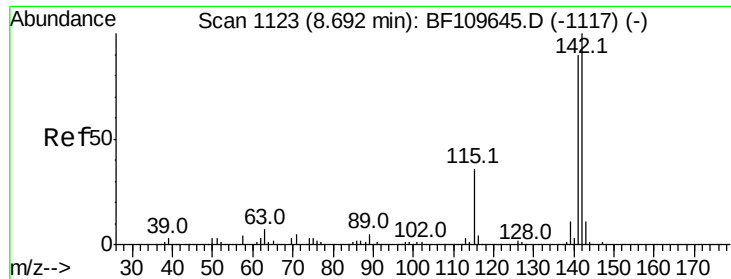
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10/11/2018 2:02:49 PM



#36
4-Chloro-3-methylphenol
Concen: 47.591 ng
RT: 8.55 min Scan# 1099
Delta R.T. -0.00 min
Lab File: BF109754.D
Acq: 10 Oct 2018 20:44

Tgt Ion	Ratio	Lower	Upper
107	100		
144	25.2	20.0	30.0
142	75.4	59.7	89.5





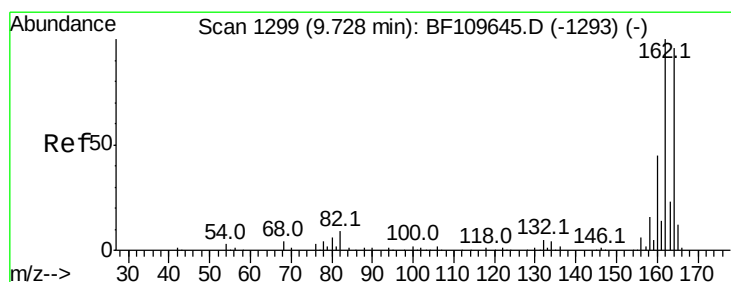
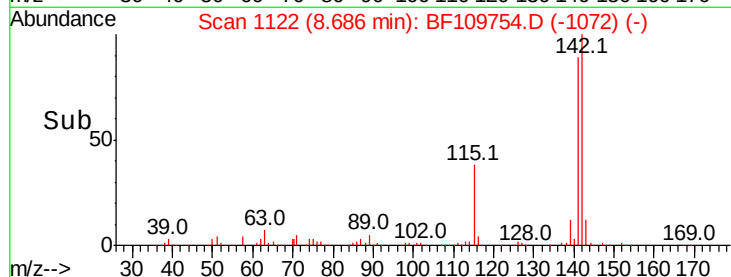
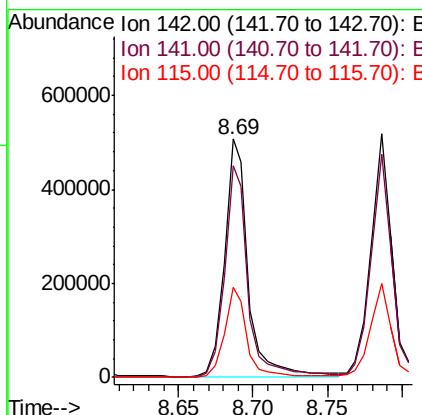
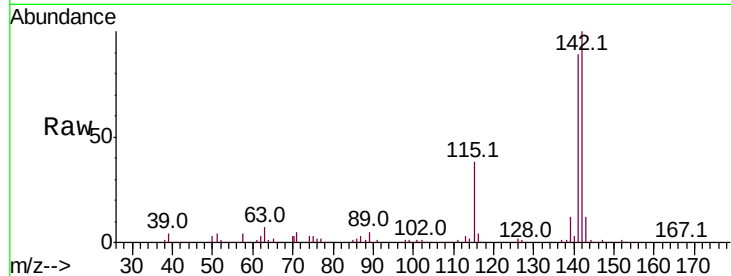
#37
2-Methylnaphthalene
Concen: 54.941 ng
RT: 8.69 min Scan# 1122
Delta R.T. -0.01 min
Lab File: BF109754.D
Acq: 10 Oct 2018 20:44

Instrument :
BNA_F
ClientSampleId :
RBR200035MSD

Tot Ion	Ratio	Lower	Upper
142	100		
141	88.8	71.4	107.2
115	37.8	28.7	43.1

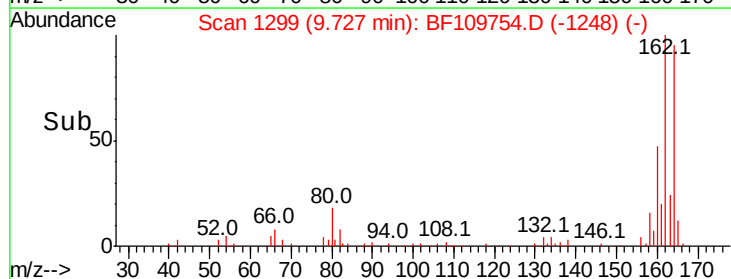
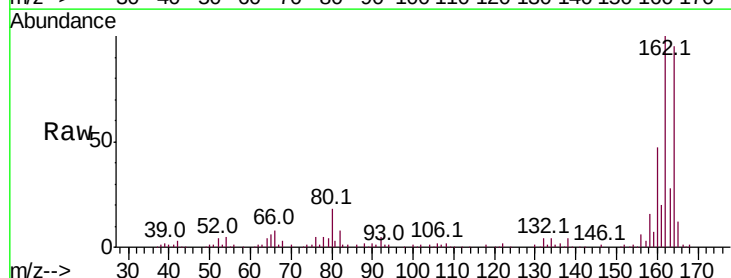
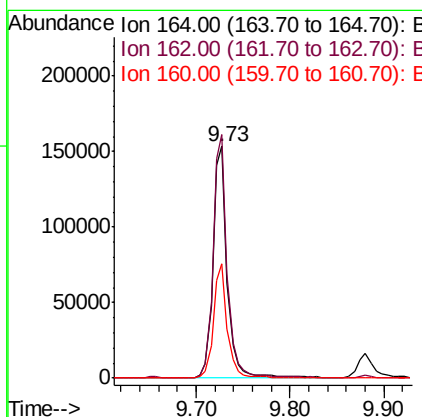
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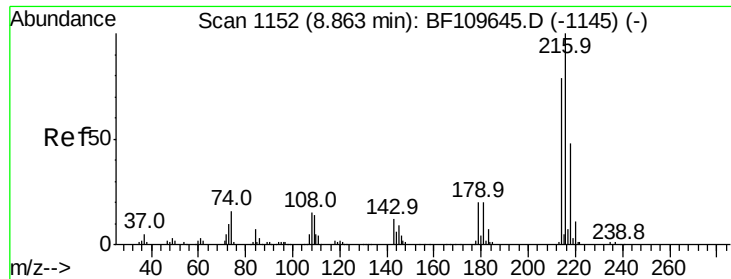
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10/11/2018 2:02:49 PM



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.73 min Scan# 1299
Delta R.T. -0.00 min
Lab File: BF109754.D
Acq: 10 Oct 2018 20:44

Tgt Ion	Ratio	Lower	Upper
164	100		
162	105.0	83.0	124.6
160	49.2	37.0	55.6





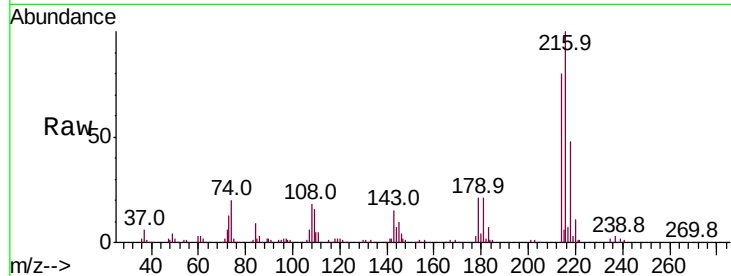
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 42.146 ng
 RT: 8.86 min Scan# 1151
 Delta R.T. -0.01 min
 Lab File: BF109754.D
 Acq: 10 Oct 2018 20:44

Instrument :
 BNA_F
 ClientSampleId :
 RBR200035MSD

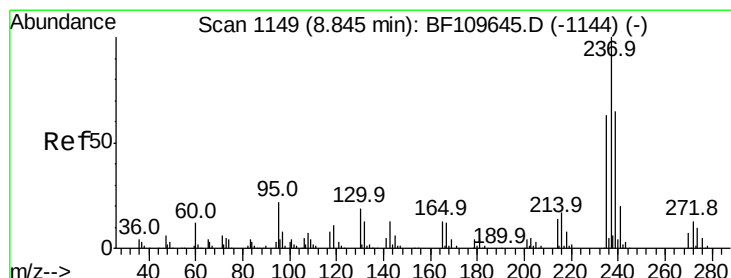
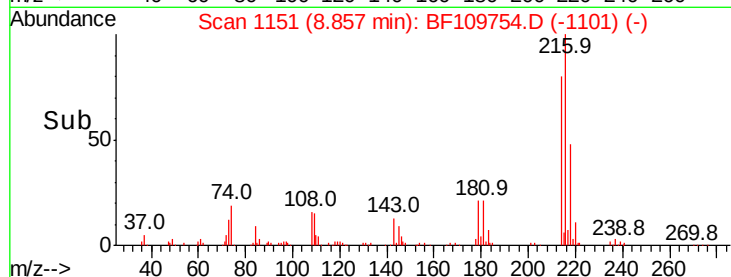
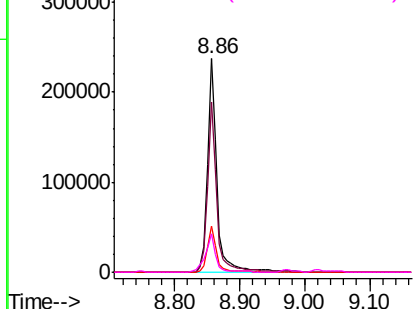
Tot Ion	Ratio	Resp	Lower	Upper
216	100	238991		
214	78.8	63.8	95.6	
179	21.0	16.6	25.0	
108	20.8	15.1	22.7	

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 10/11/2018 2:02:49 PM

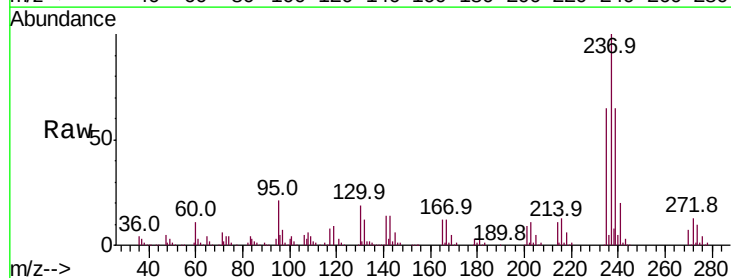


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

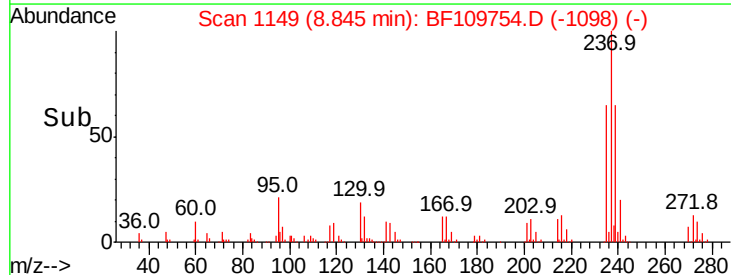
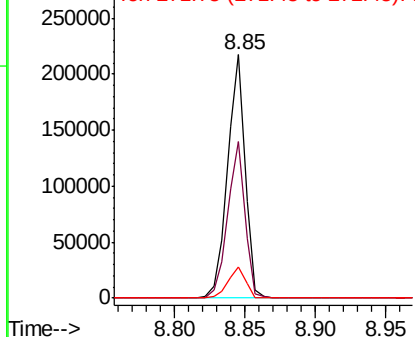


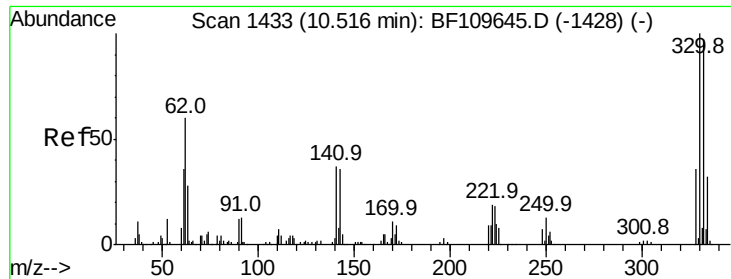
#40
 Hexachlorocyclopentadiene
 Concen: 75.996 ng
 RT: 8.85 min Scan# 1149
 Delta R.T. 0.00 min
 Lab File: BF109754.D
 Acq: 10 Oct 2018 20:44

Tgt Ion	Ratio	Resp	Lower	Upper
237	100	187709		
235	64.6	43.1	83.1	
272	12.6	0.0	32.6	



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





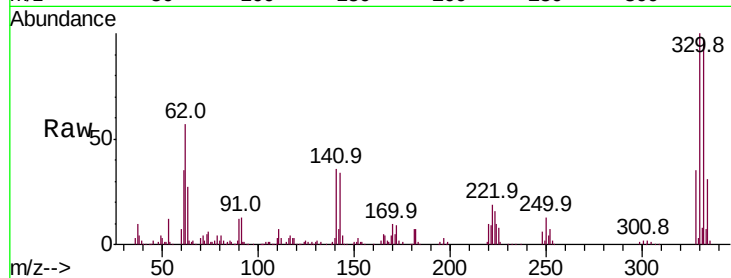
#41
 2,4,6-Tribromophenol
 Concen: 140.235 ng
 RT: 10.52 min Scan# 1433
 Delta R.T. -0.00 min
 Lab File: BF109754.D
 Acq: 10 Oct 2018 20:44

Instrument :
 BNA_F
 ClientSampleId :
 RBR200035MSD

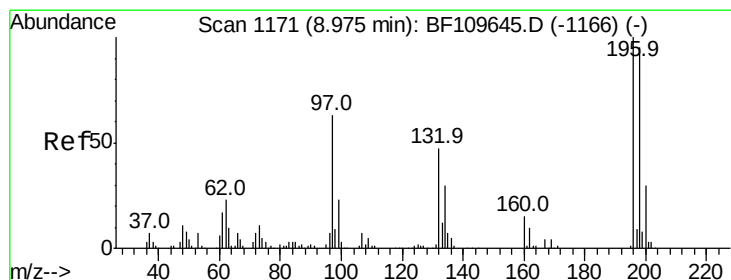
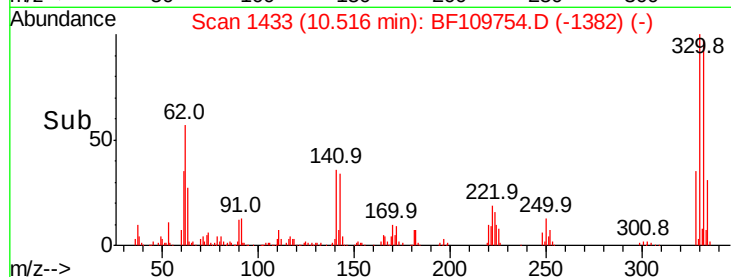
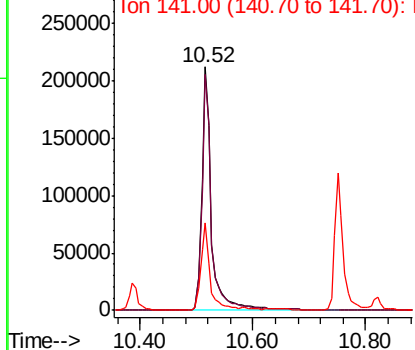
Tot Ion	Ratio	Resp	Lower	Upper
330	100	254539		
332	95.9	77.1	115.7	
141	33.5	27.0	40.4	

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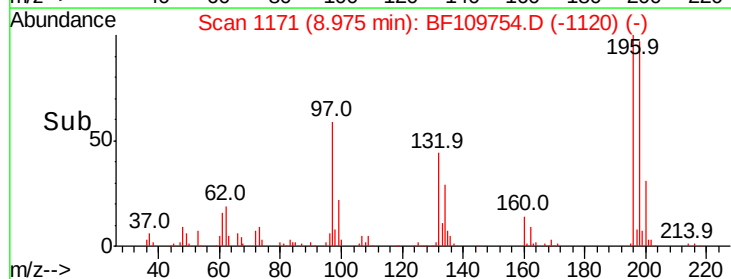
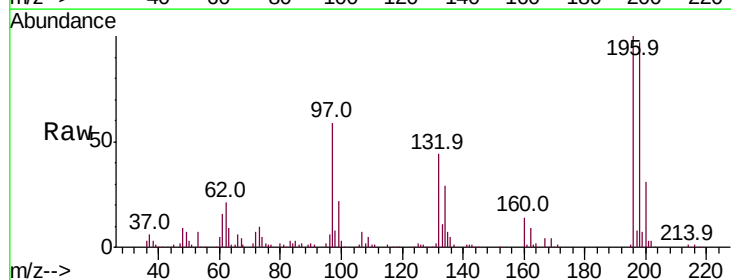
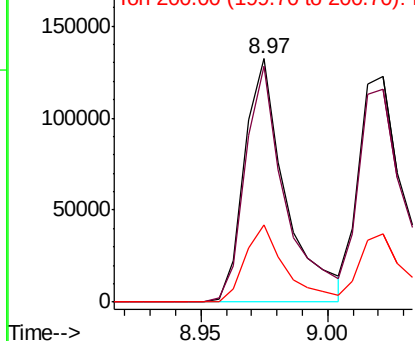
Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

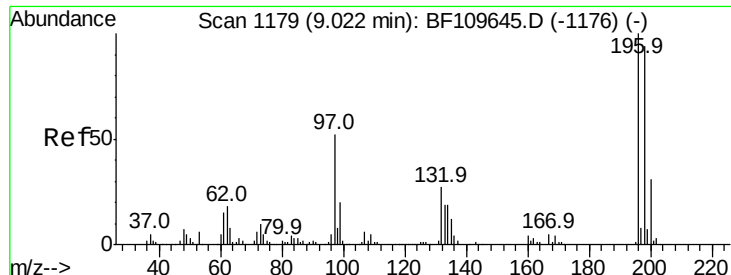


#42
 2,4,6-Trichlorophenol
 Concen: 44.160 ng
 RT: 8.97 min Scan# 1171
 Delta R.T. -0.00 min
 Lab File: BF109754.D
 Acq: 10 Oct 2018 20:44

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	149692		
198	96.8	76.2	114.4	
200	31.5	24.4	36.6	

Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E





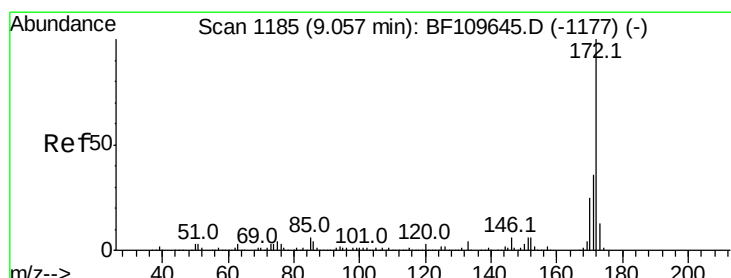
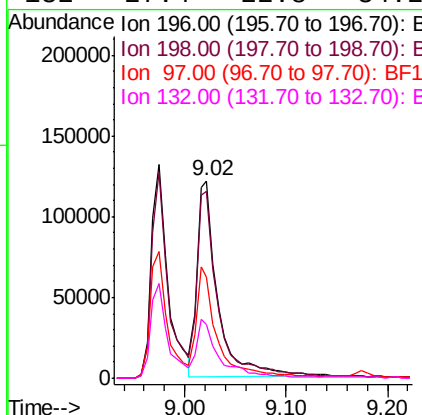
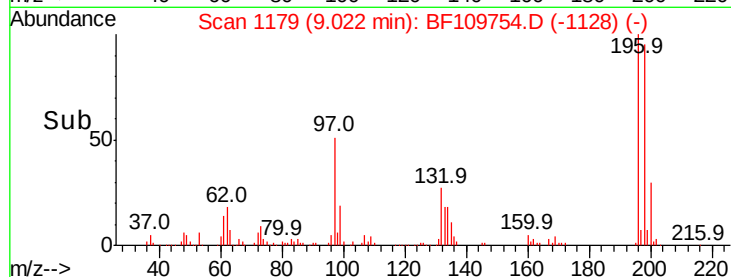
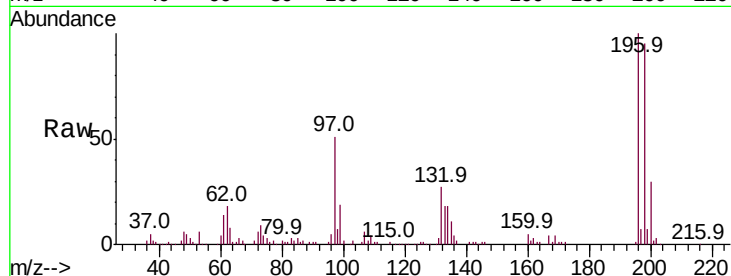
#43
 2,4,5-Trichlorophenol
 Concen: 44.693 ng
 RT: 9.02 min Scan# 1179
 Delta R.T. -0.00 min
 Lab File: BF109754.D
 Acq: 10 Oct 2018 20:44

Instrument :
 BNA_F
 ClientSampleId :
 RBR200035MSD

Tot Ion	Ratio	Resp	Lower	Upper
196	100	174193		
198	94.6	75.8	113.6	
97	51.1	42.4	63.6	
132	27.4	22.8	34.2	

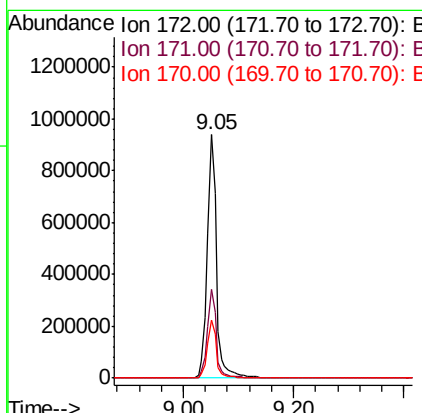
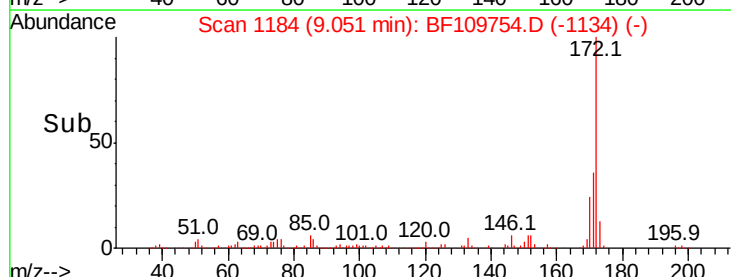
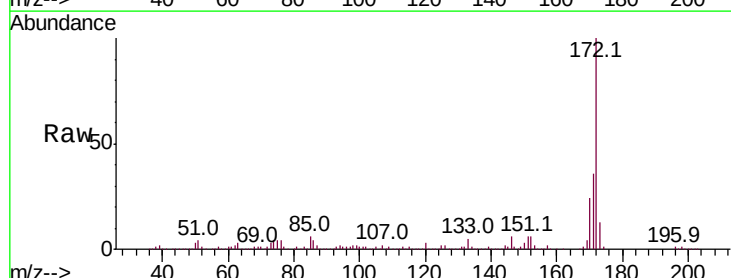
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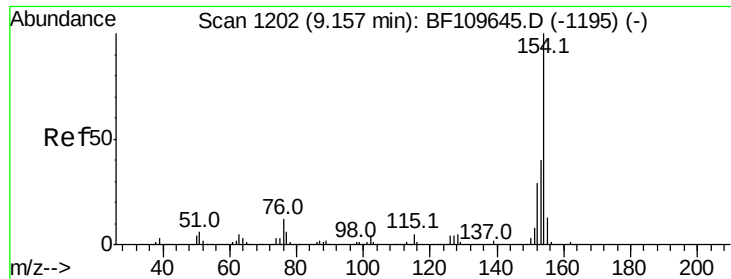
Sohil
 10/11/2018 2:02:49 PM



#44
 2-Fluorobiphenyl
 Concen: 87.333 ng
 RT: 9.05 min Scan# 1184
 Delta R.T. -0.01 min
 Lab File: BF109754.D
 Acq: 10 Oct 2018 20:44

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	1056312		
171	36.3	28.6	43.0	
170	23.9	19.7	29.5	





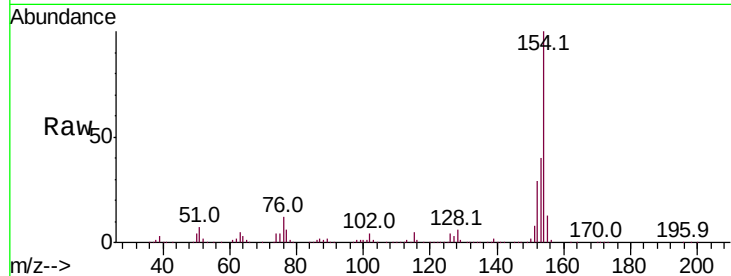
#45
 1,1'-Biphenyl
 Concen: 43.637 ng
 RT: 9.15 min Scan# 1201
 Delta R.T. -0.01 min
 Lab File: BF109754.D
 Acq: 10 Oct 2018 20:44

Instrument :
 BNA_F
 ClientSampleId :
 RBR200035MSD

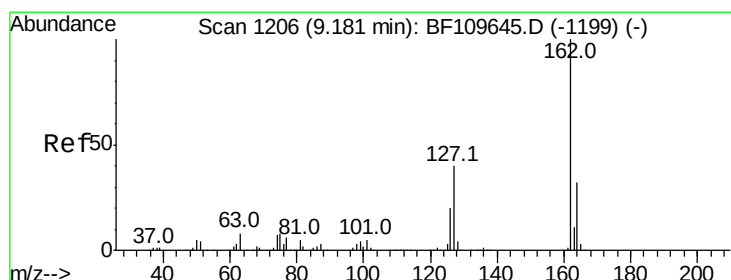
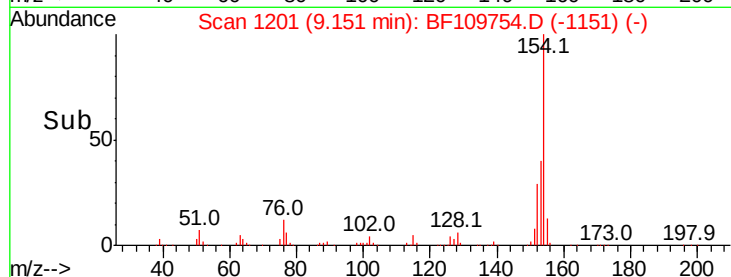
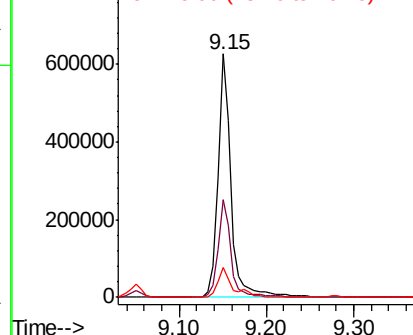
Tot Ion	Ratio	Resp	Lower	Upper
154	100	649386		
153	40.1		20.4	60.4
76	12.3		0.0	31.9

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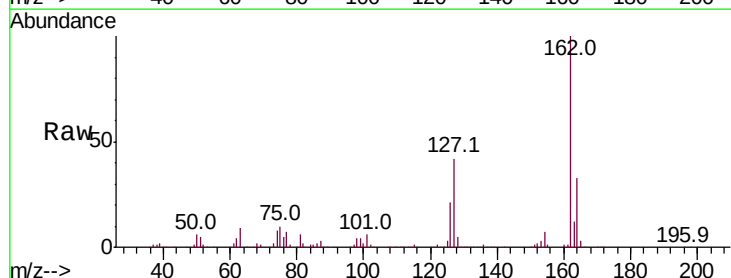


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF1

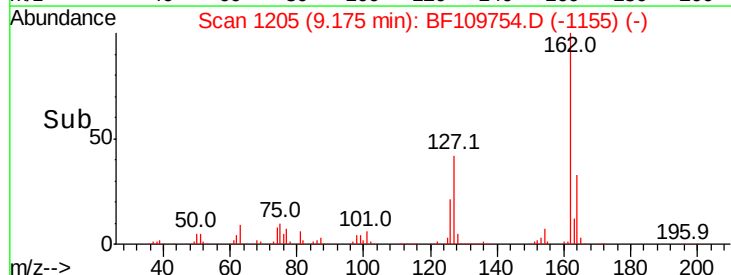
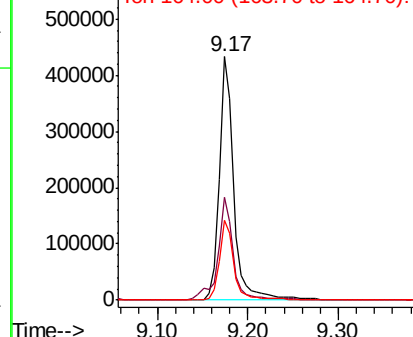


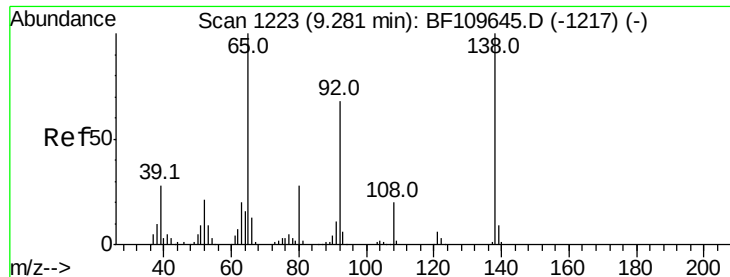
#46
 2-Chloronaphthalene
 Concen: 42.963 ng
 RT: 9.17 min Scan# 1205
 Delta R.T. -0.01 min
 Lab File: BF109754.D
 Acq: 10 Oct 2018 20:44

Tgt Ion	Ratio	Resp	Lower	Upper
162	100	479005		
127	42.4		32.6	48.8
164	32.6		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: 46.985 ng

RT: 9.28 min Scan# 1223

Delta R.T. -0.00 min

Lab File: BF109754.D

Acq: 10 Oct 2018 20:44

Instrument :

BNA_F

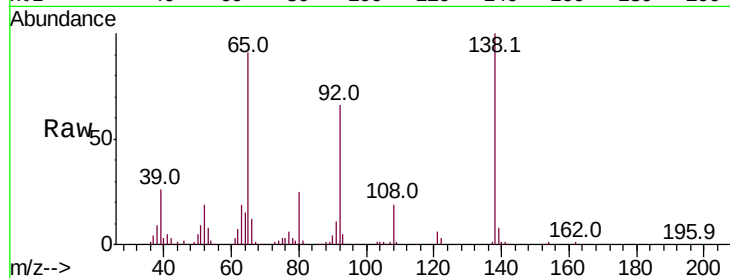
ClientSampleId :

RBR200035MSD

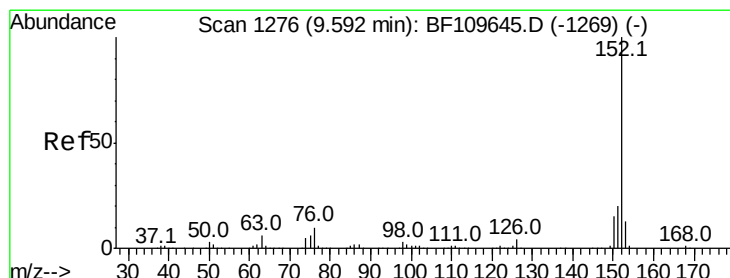
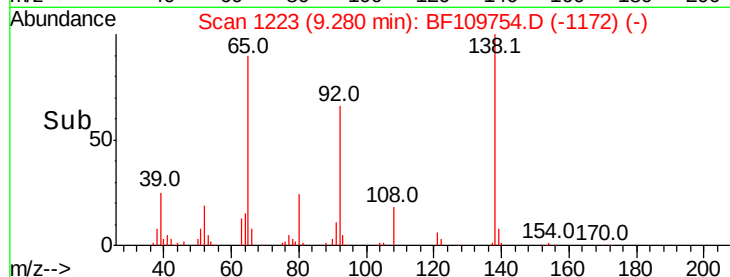
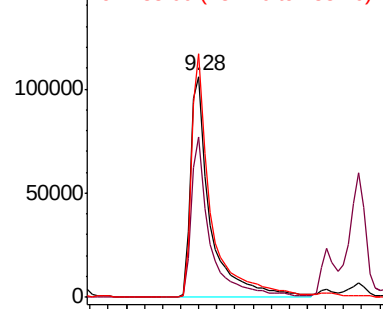
Tot Ion:	65	Resp:	158615
Ion Ratio	Lower	Upper	
65	100		
92	72.7	54.6	81.8
138	110.1	80.3	120.5

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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: 47.236 ng

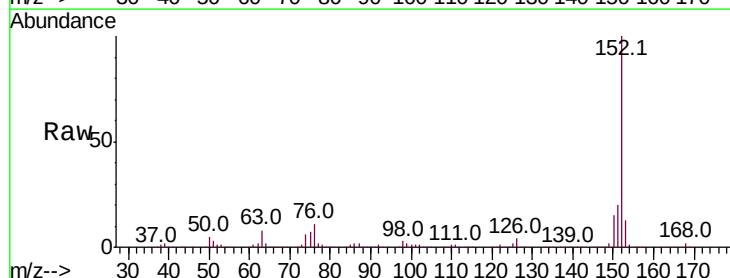
RT: 9.59 min Scan# 1275

Delta R.T. -0.01 min

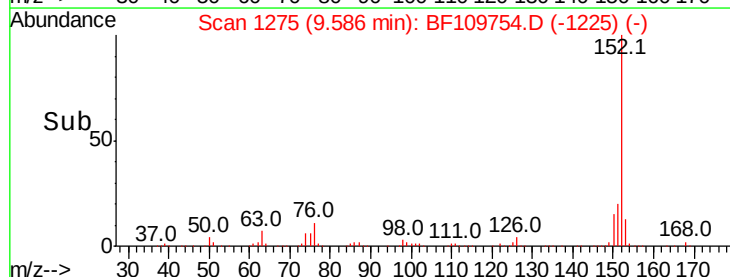
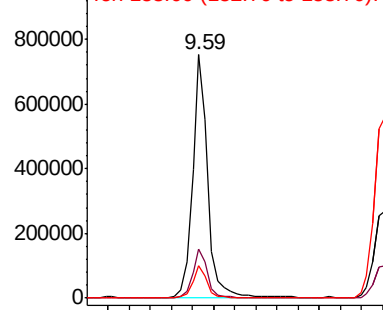
Lab File: BF109754.D

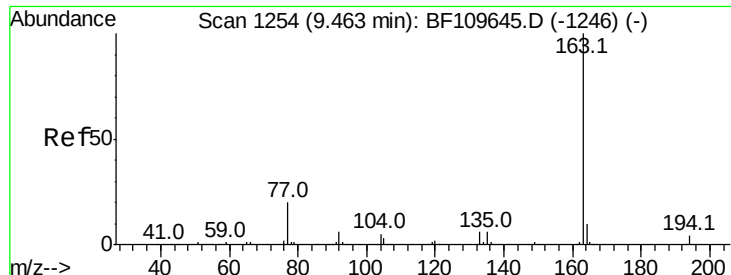
Acq: 10 Oct 2018 20:44

Tgt Ion:	152	Resp:	767767
Ion Ratio	Lower	Upper	
152	100		
151	20.2	15.8	23.8
153	13.4	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





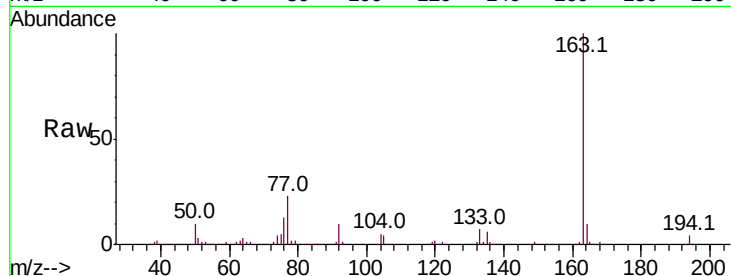
#49
Dimethylphthalate
Concen: 57.937 ng
RT: 9.46 min Scan# 1253
Delta R.T. -0.01 min
Lab File: BF109754.D
Acq: 10 Oct 2018 20:44

Instrument :
BNA_F
ClientSampleId :
RBR200035MSD

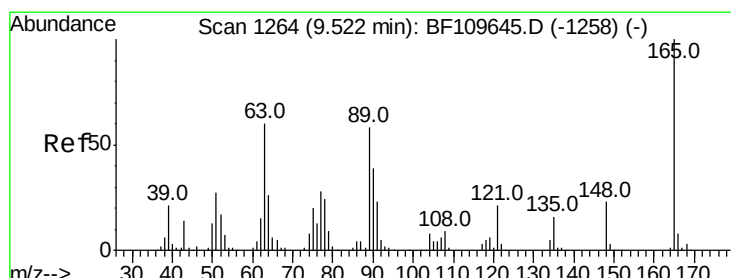
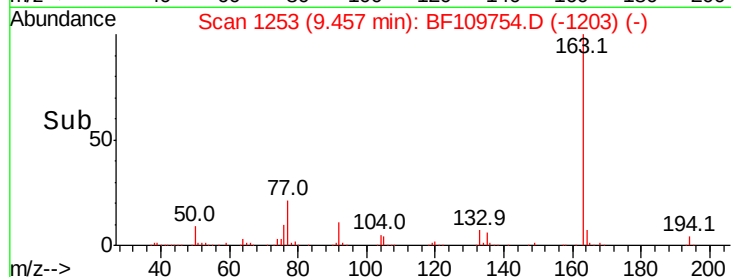
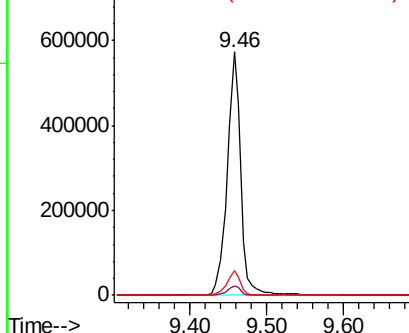
Tot Ion	Ratio	Resp	Lower	Upper
163	100	707834		
194	3.7		3.2	4.8
164	10.3		8.1	12.1

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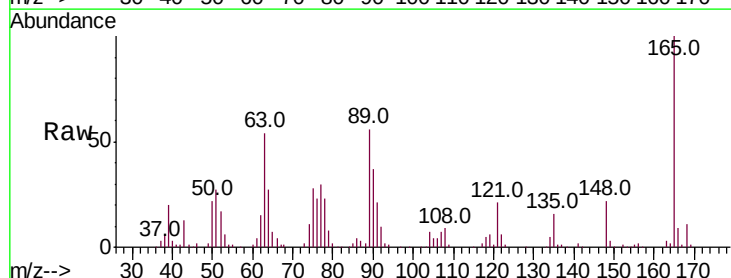


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

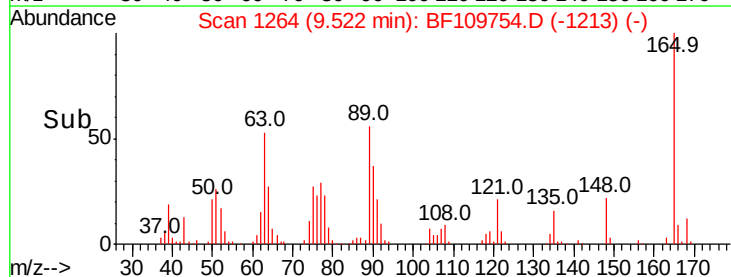
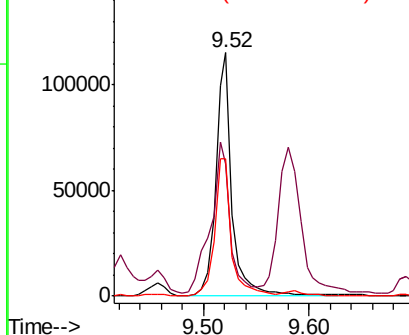


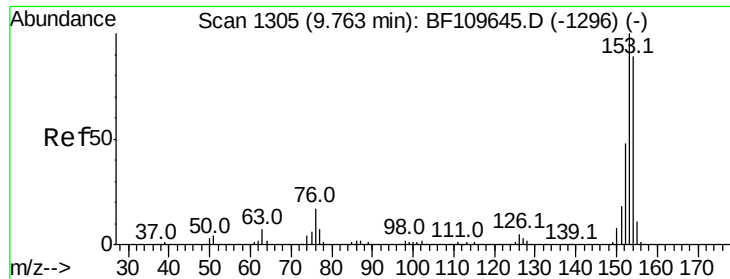
#50
2,6-Dinitrotoluene
Concen: 47.436 ng
RT: 9.52 min Scan# 1264
Delta R.T. -0.00 min
Lab File: BF109754.D
Acq: 10 Oct 2018 20:44

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	125624		
63	54.2		48.9	73.3
89	56.3		46.6	69.8



Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 89.00 (88.70 to 89.70): BF1





#51

Acenaphthene

Concen: 54.018 ng

RT: 9.76 min Scan# 1305

Delta R.T. -0.00 min

Lab File: BF109754.D

Acq: 10 Oct 2018 20:44

Instrument :

BNA_F

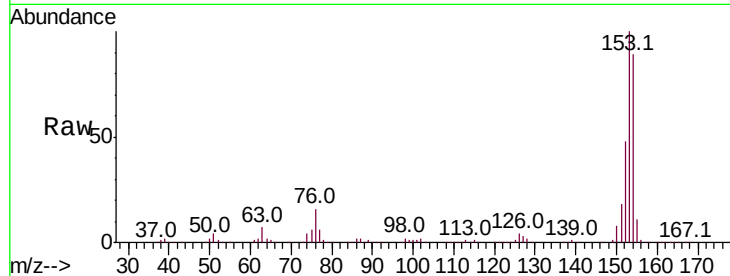
ClientSampleId :

RBR200035MSD

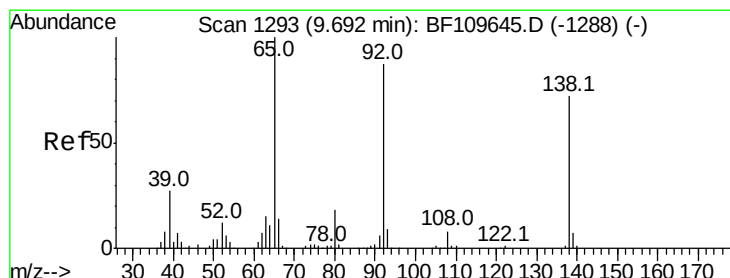
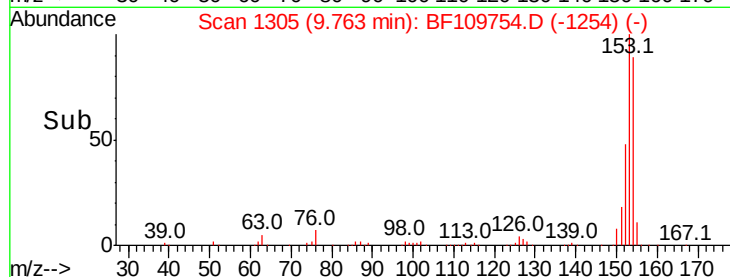
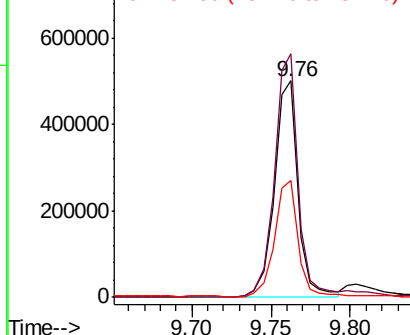
Tot Ion:	154	Resp:	520485
Ion Ratio	Lower	Upper	
154	100		
153	112.5	90.1	135.1
152	54.0	43.4	65.2

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10/11/2018 2:02:49 PM



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



#52

3-Nitroaniline

Concen: 24.740 ng

RT: 9.69 min Scan# 1293

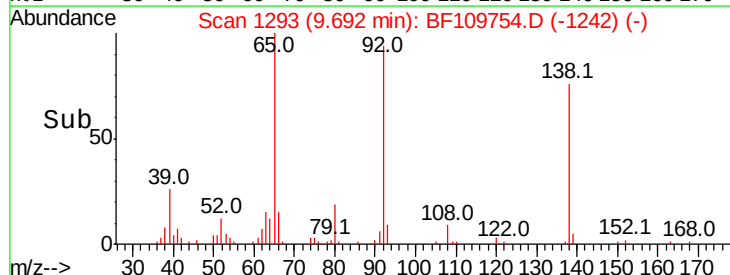
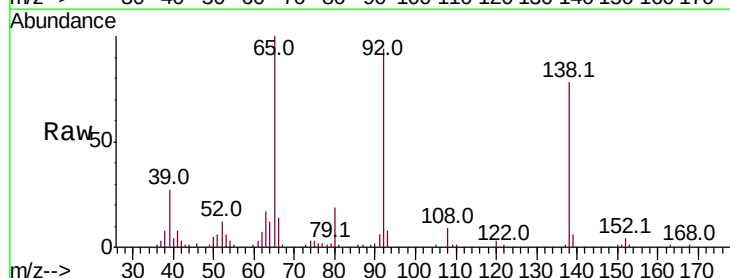
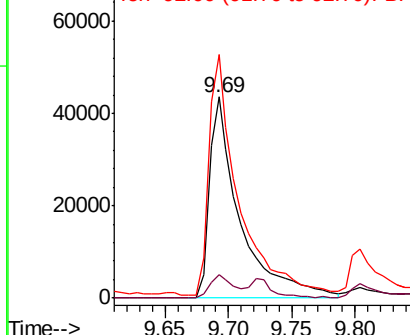
Delta R.T. -0.00 min

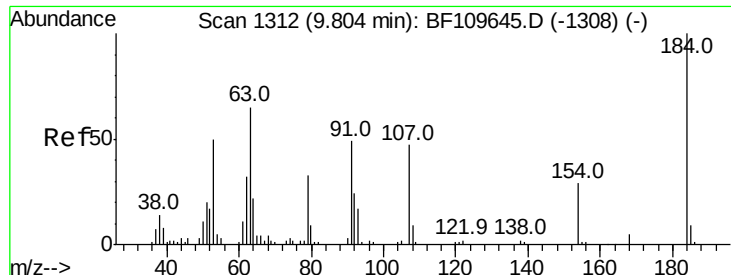
Lab File: BF109754.D

Acq: 10 Oct 2018 20:44

Tgt Ion:	138	Resp:	73444
Ion Ratio	Lower	Upper	
138	100		
108	11.6	8.7	13.1
92	121.2	97.0	145.4

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





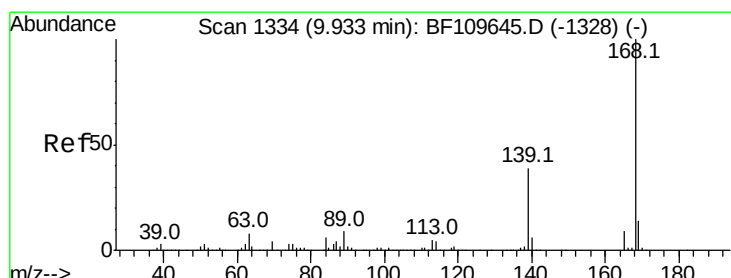
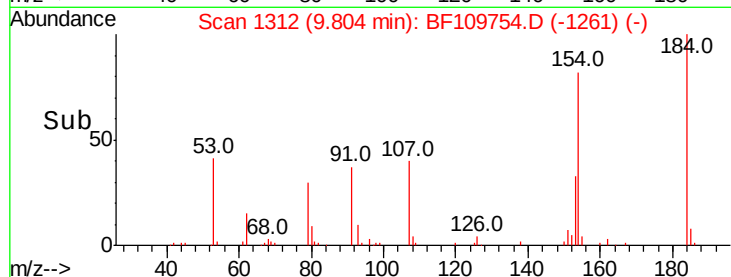
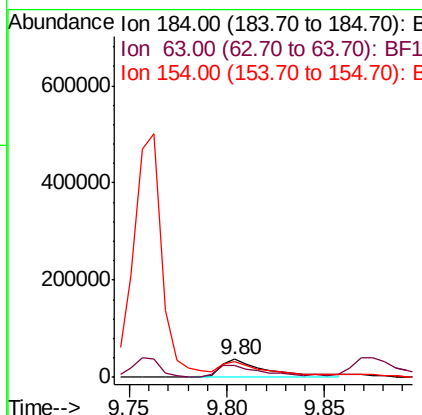
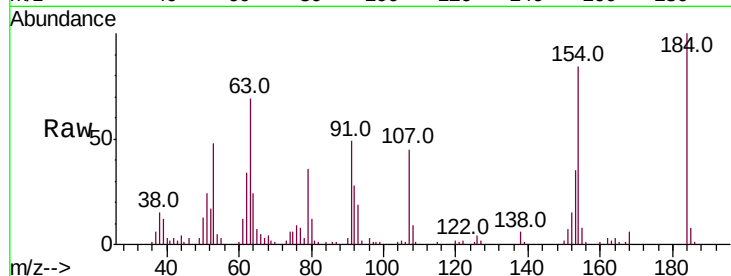
#53
 2,4-Dinitrophenol
 Concen: 70.316 ng
 RT: 9.80 min Scan# 1312
 Delta R.T. -0.00 min
 Lab File: BF109754.D
 Acq: 10 Oct 2018 20:44

Instrument :
 BNA_F
 ClientSampleId :
 RBR200035MSD

Tot Ion	184	Resp	60080
Ion Ratio	Lower	Upper	
184	100		
63	69.0	55.8	83.6
154	84.0	63.2	94.8

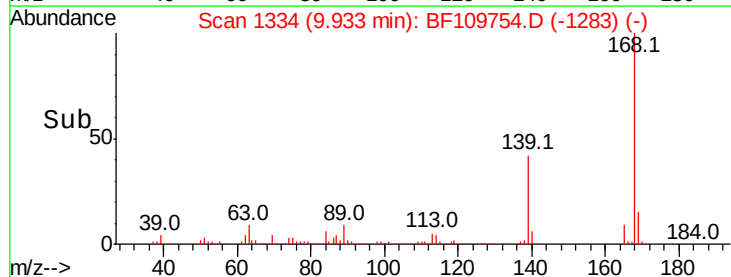
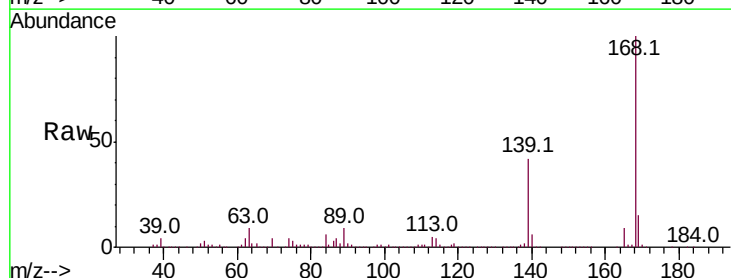
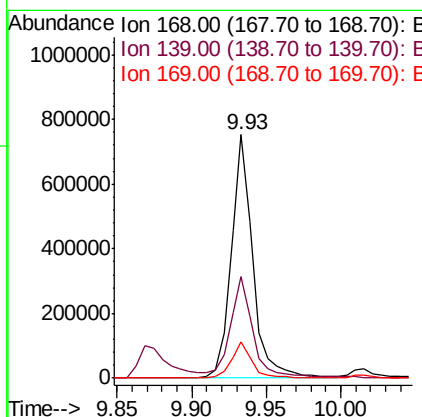
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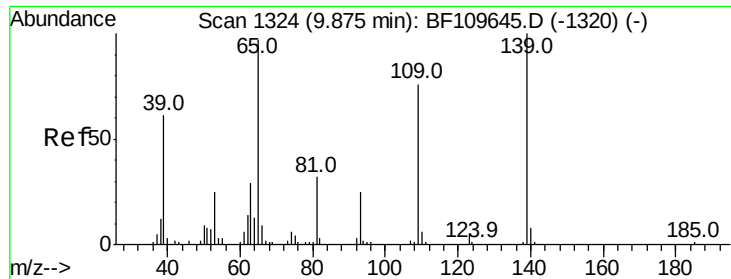
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#54
 Dibenzofuran
 Concen: 52.915 ng
 RT: 9.93 min Scan# 1334
 Delta R.T. -0.00 min
 Lab File: BF109754.D
 Acq: 10 Oct 2018 20:44

Tgt Ion	168	Resp	764259
Ion Ratio	Lower	Upper	
168	100		
139	41.7	33.0	49.6
169	14.7	11.3	16.9





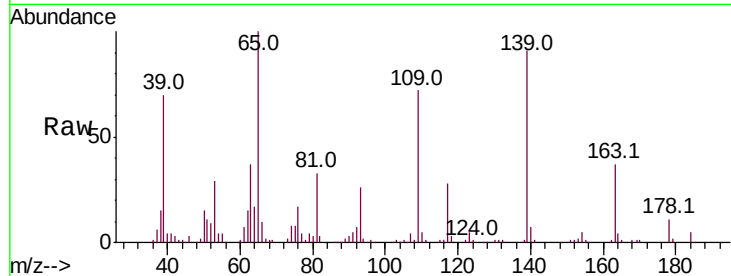
#55
4-Nitrophenol
Concen: 90.276 ng
RT: 9.87 min Scan# 1323
Delta R.T. -0.01 min
Lab File: BF109754.D
Acq: 10 Oct 2018 20:44

Instrument :
BNA_F
ClientSampleId :
RBR200035MSD

Tot Ion	Ratio	Resp	Lower	Upper
139	100			
109	79.4	55.8	95.8	
65	110.3	77.9	117.9	

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10/11/2018 2:02:49 PM

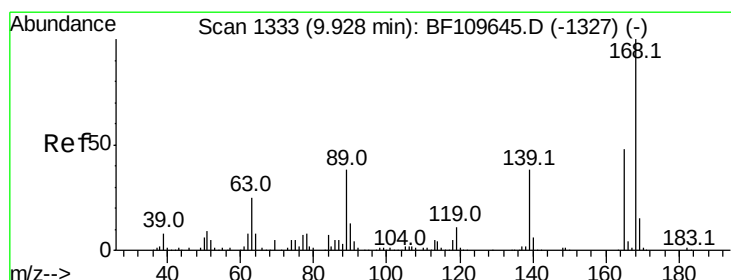
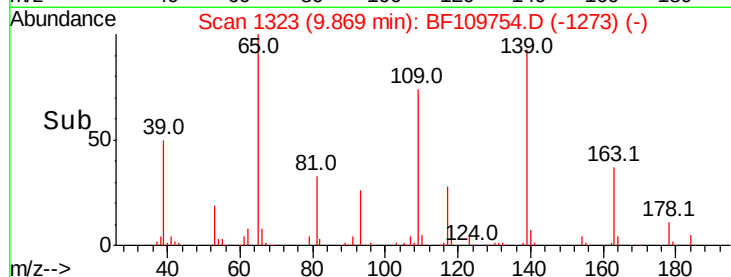
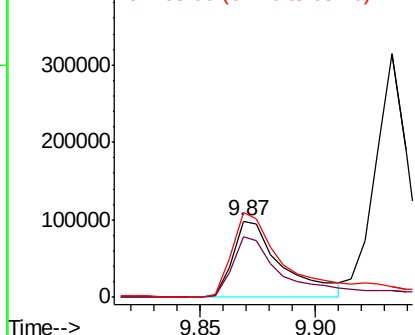


Abundance

Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF1



#56
2,4-Dinitrotoluene
Concen: 47.094 ng
RT: 9.93 min Scan# 1333
Delta R.T. -0.00 min
Lab File: BF109754.D
Acq: 10 Oct 2018 20:44

Tgt Ion	Ratio	Resp	Lower	Upper
165	100			
63	64.3	44.8	67.2	
89	83.8	62.2	93.4	
182	2.5	2.1	3.1	

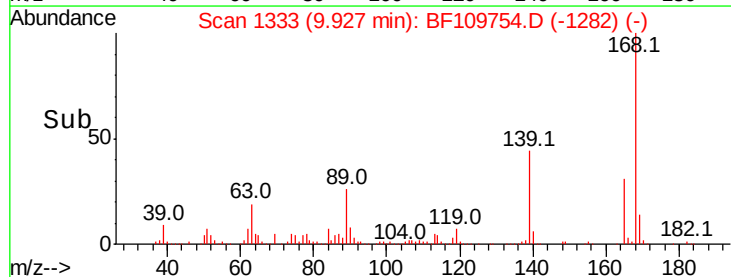
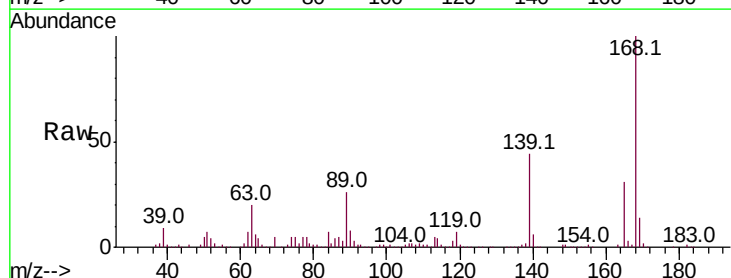
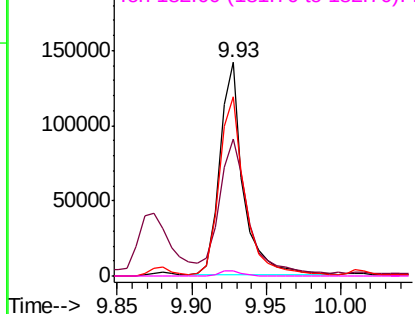
Abundance

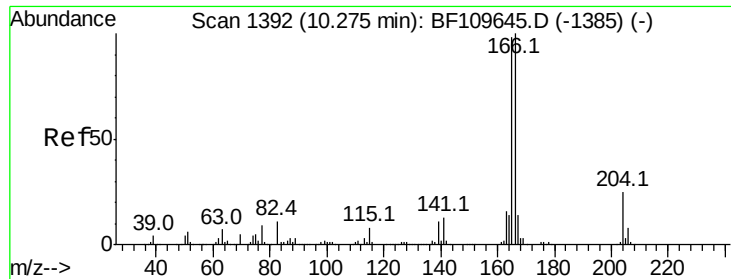
Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E





#57

Fluorene

Concen: 58.987 ng

RT: 10.27 min Scan# 1392

Delta R.T. -0.00 min

Lab File: BF109754.D

Acq: 10 Oct 2018 20:44

Instrument :

BNA_F

ClientSampleId :

RBR200035MSD

Tot Ion:166 Resp: 636230

Ion Ratio Lower Upper

166 100

165 99.3 78.6 117.8

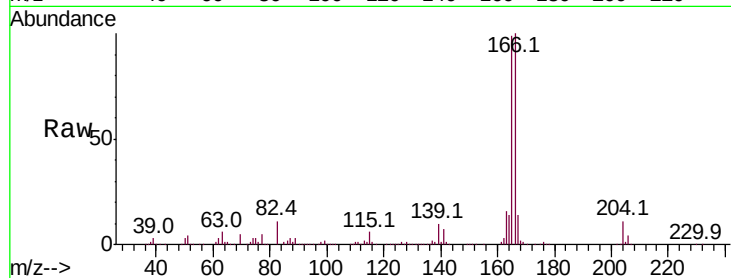
167 13.7 10.8 16.2

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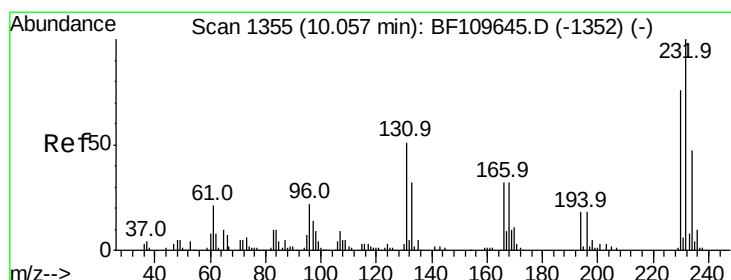
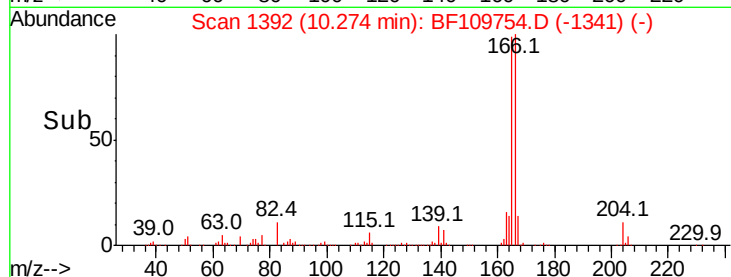
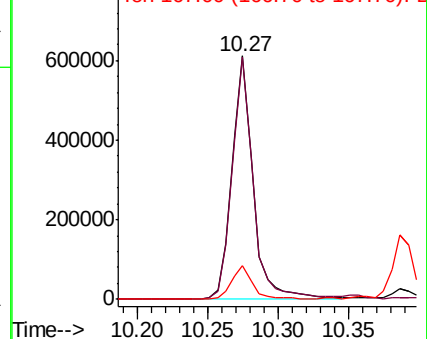


Abundance

Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 46.086 ng

RT: 10.06 min Scan# 1355

Delta R.T. -0.00 min

Lab File: BF109754.D

Acq: 10 Oct 2018 20:44

Tgt Ion:232 Resp: 146014

Ion Ratio Lower Upper

232 100

131 48.1 37.0 55.4

130 2.4 1.8 2.6

166 29.4 22.0 33.0

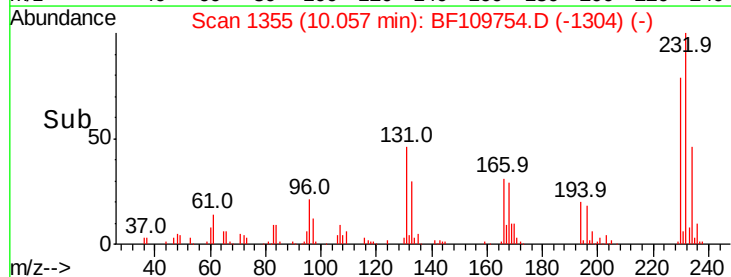
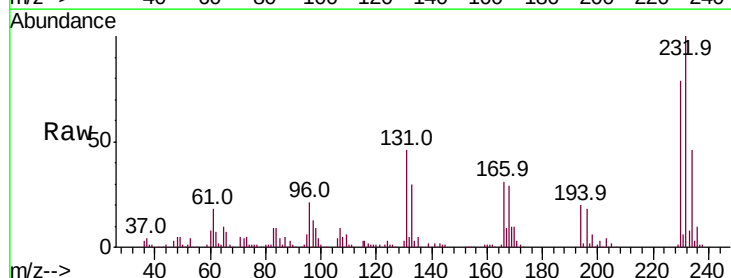
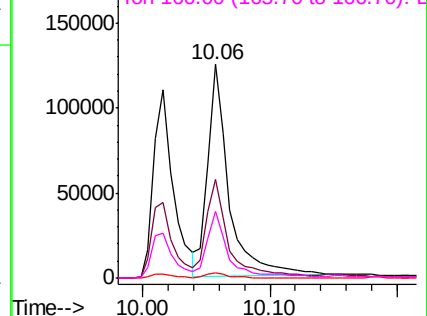
Abundance

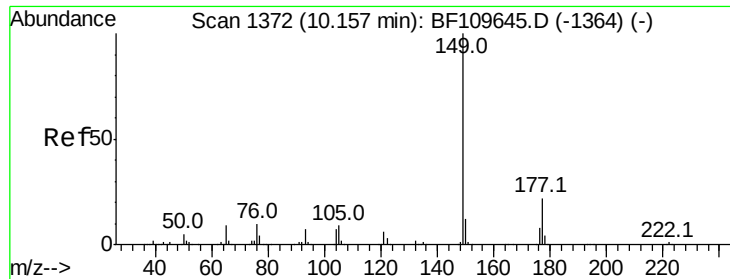
Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E





#59

Diethylphthalate

Concen: 47.329 ng

RT: 10.16 min Scan# 1372

Delta R.T. -0.00 min

Lab File: BF109754.D

Acq: 10 Oct 2018 20:44

Instrument :

BNA_F

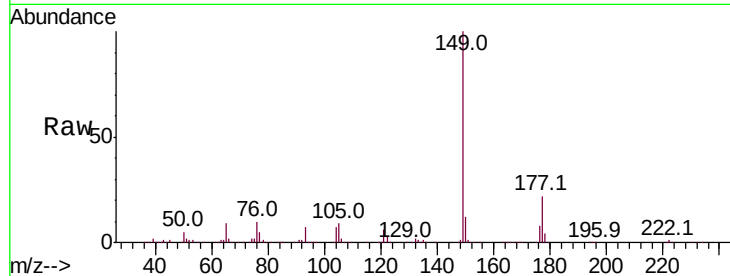
ClientSampleId :

RBR200035MSD

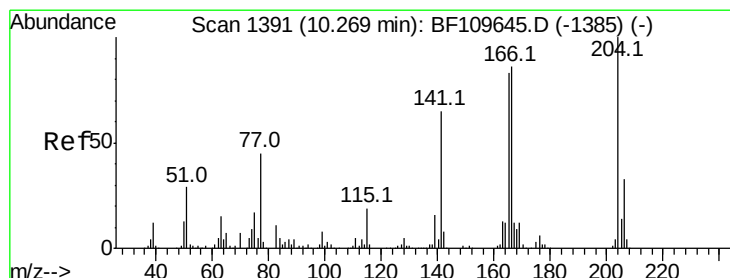
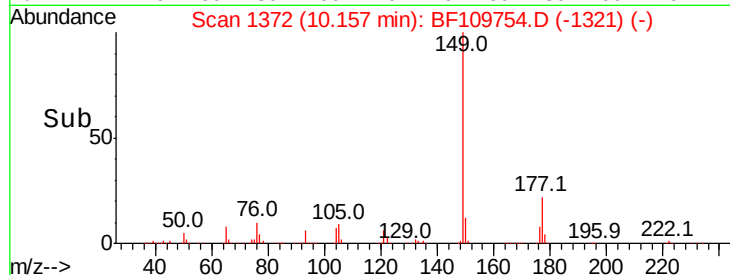
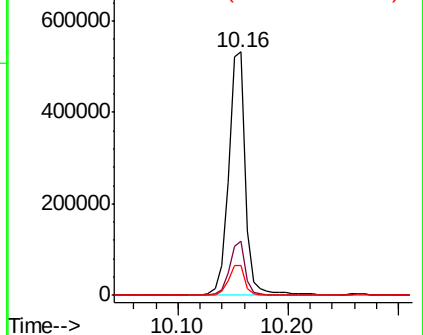
Tot Ion:	149	Resp:	572916
Ion Ratio	Lower	Upper	
149	100		
177	22.3	17.4	26.2
150	12.1	9.8	14.8

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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: 43.197 ng

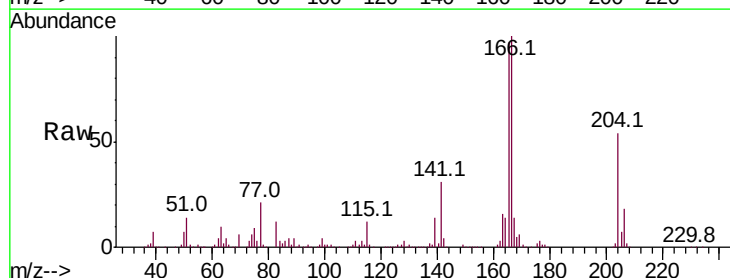
RT: 10.27 min Scan# 1391

Delta R.T. -0.00 min

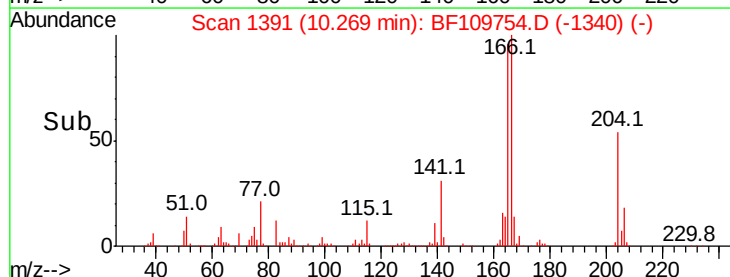
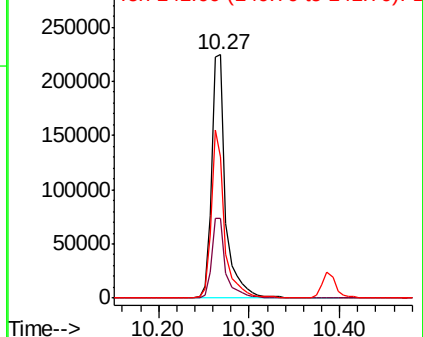
Lab File: BF109754.D

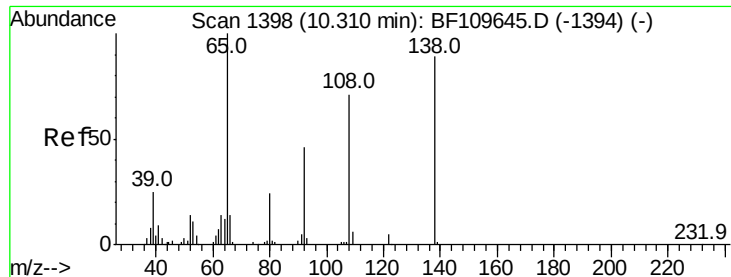
Acq: 10 Oct 2018 20:44

Tgt Ion:	204	Resp:	245801
Ion Ratio	Lower	Upper	
204	100		
206	33.0	26.5	39.7
141	57.9	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





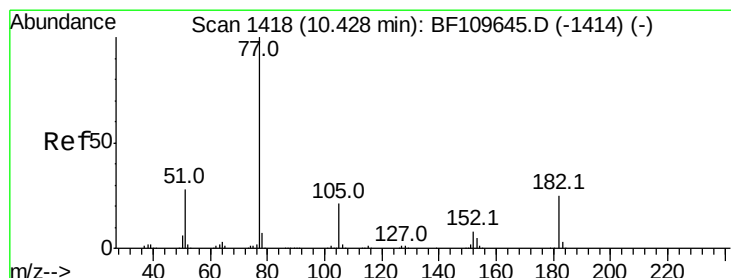
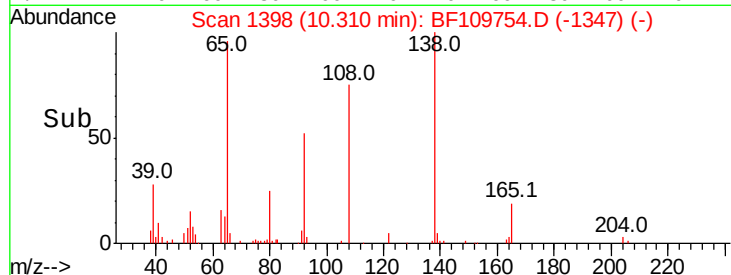
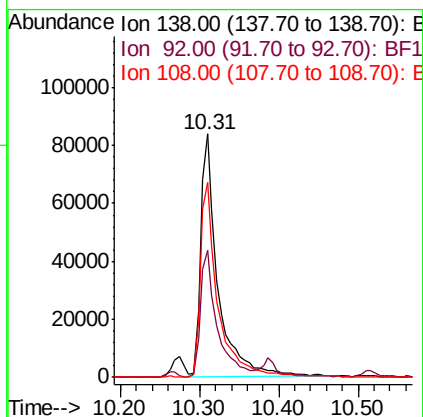
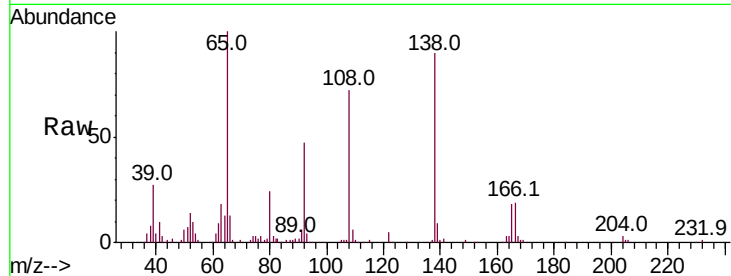
#61
4-Nitroaniline
Concen: 46.695 ng
RT: 10.31 min Scan# 1398
Delta R.T. -0.00 min
Lab File: BF109754.D
Acq: 10 Oct 2018 20:44

Instrument :
BNA_F
ClientSampleId :
RBR200035MSD

Tot Ion	Ratio	Lower	Upper
138	100		
92	52.3	31.7	71.7
108	79.9	59.3	99.3

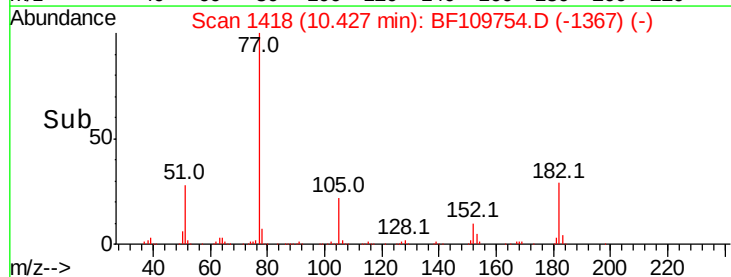
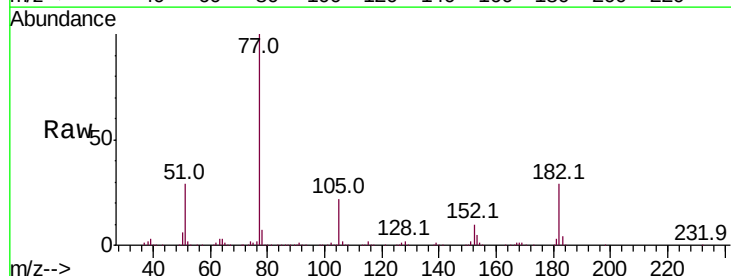
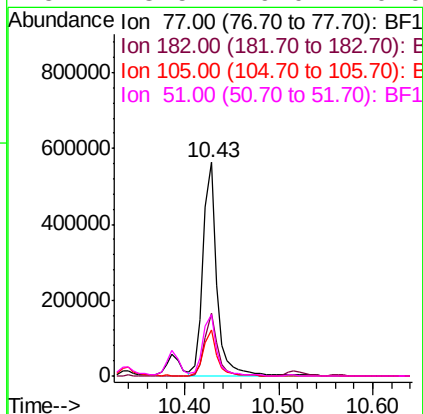
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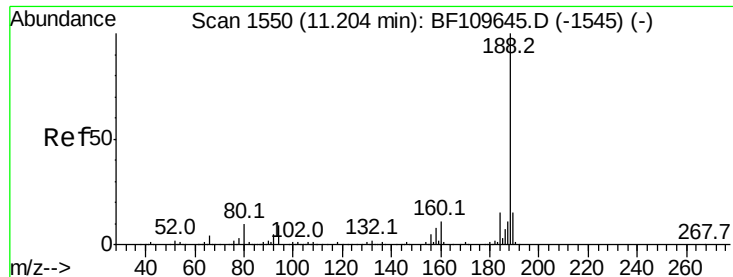
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#62
Azobenzene
Concen: 46.750 ng
RT: 10.43 min Scan# 1418
Delta R.T. -0.00 min
Lab File: BF109754.D
Acq: 10 Oct 2018 20:44

Tgt Ion	Ratio	Lower	Upper
77	100		
182	29.1	4.3	44.3
105	21.8	1.3	41.3
51	28.5	9.0	49.0





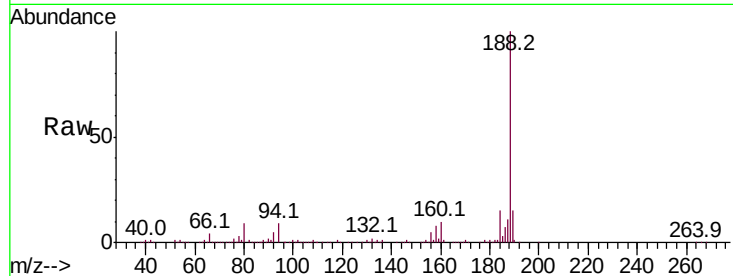
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.20 min Scan# 1550
Delta R.T. -0.00 min
Lab File: BF109754.D
Acq: 10 Oct 2018 20:44

Instrument :
BNA_F
ClientSampleId :
RBR200035MSD

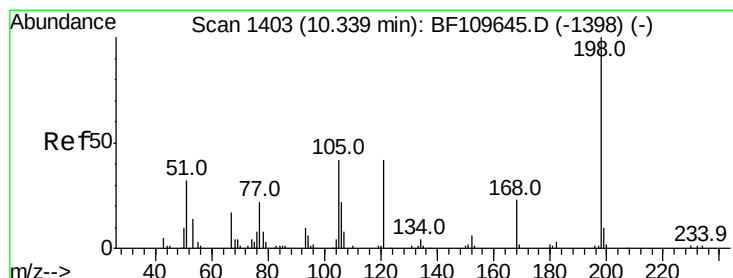
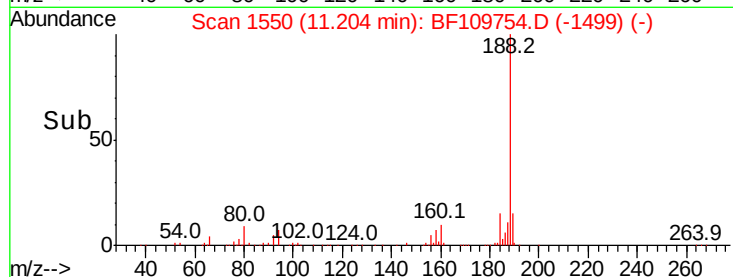
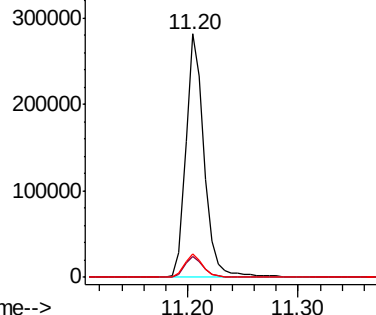
Tot Ion	Ratio	Resp	Lower	Upper
188	100			
94	8.6	7.2	10.8	
80	9.4	7.9	11.9	

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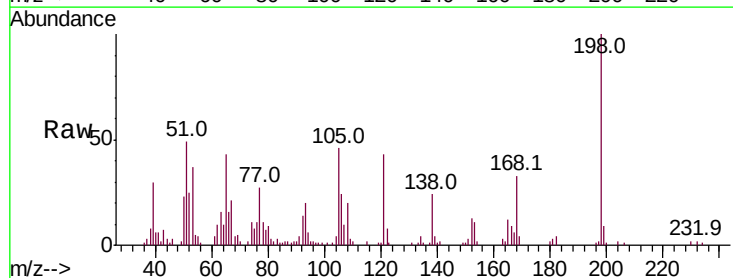


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1

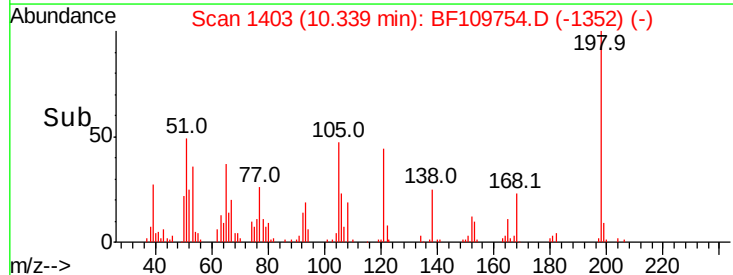
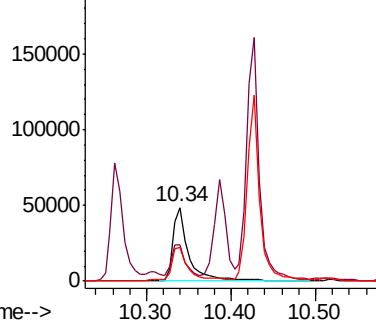


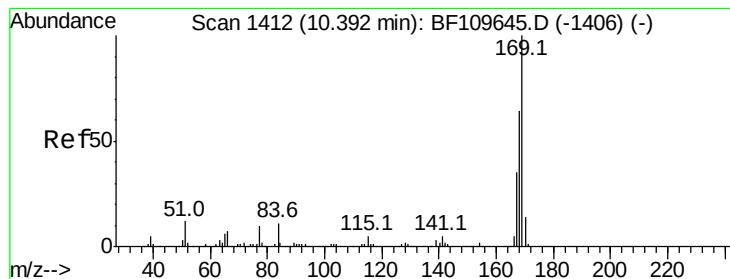
#64
4,6-Dinitro-2-methylphenol
Concen: 39.821 ng
RT: 10.34 min Scan# 1403
Delta R.T. -0.00 min
Lab File: BF109754.D
Acq: 10 Oct 2018 20:44

Tgt Ion	Ratio	Resp	Lower	Upper
198	100			
51	49.4	22.8	62.8	
105	46.4	23.6	63.6	



Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BF1
Ion 105.00 (104.70 to 105.70): E





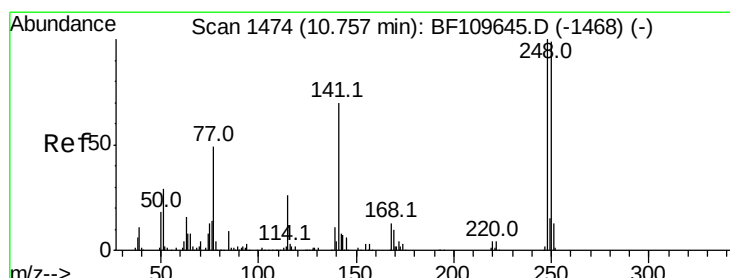
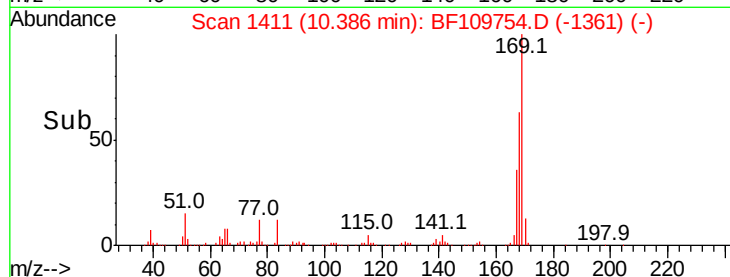
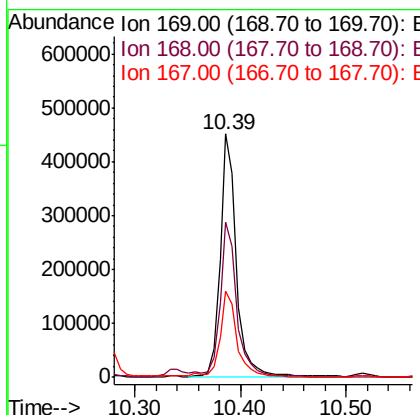
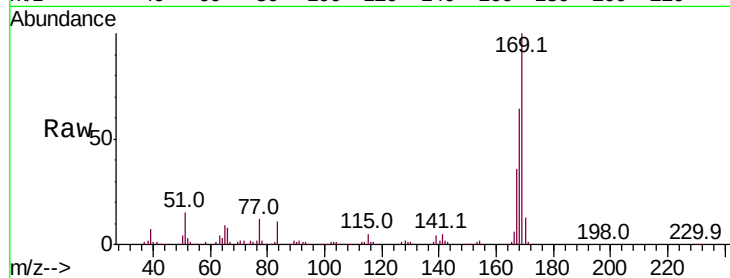
#65
n-Nitrosodiphenylamine
Concen: 44.244 ng
RT: 10.39 min Scan# 1411
Delta R.T. -0.01 min
Lab File: BF109754.D
Acq: 10 Oct 2018 20:44

Instrument :
BNA_F
ClientSampleId :
RBR200035MSD

Tot Ion	Ratio	Lower	Upper
169	100		
168	63.5	51.2	76.8
167	35.6	27.8	41.6

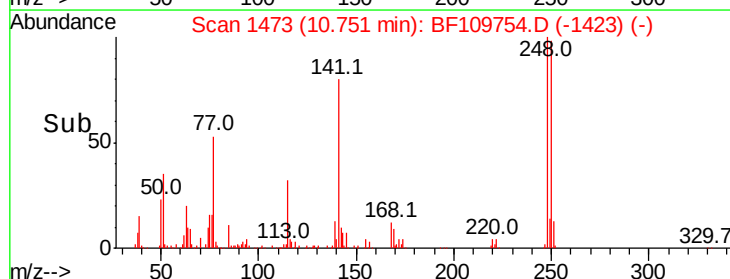
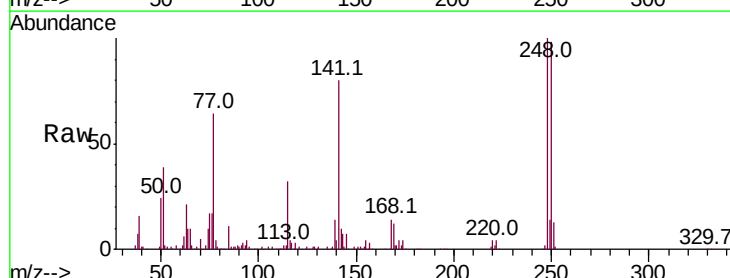
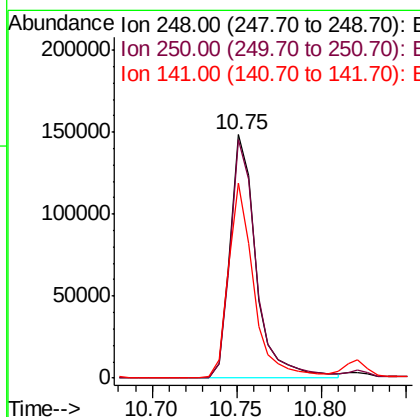
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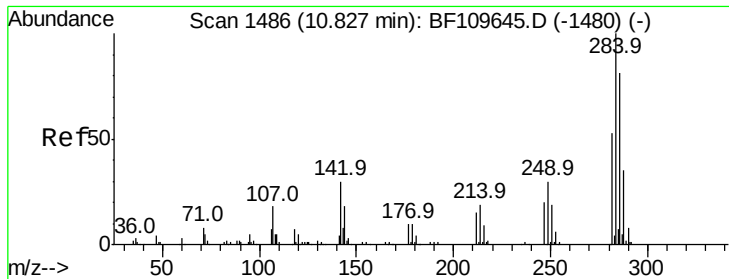
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#66
4-Bromophenyl-phenylether
Concen: 43.235 ng
RT: 10.75 min Scan# 1473
Delta R.T. -0.01 min
Lab File: BF109754.D
Acq: 10 Oct 2018 20:44

Tgt Ion	Ratio	Lower	Upper
248	100		
250	98.0	79.4	119.2
141	80.3	55.9	83.9





#67

Hexachlorobenzene

Concen: 42.189 ng

RT: 10.82 min Scan# 1485

Delta R.T. -0.01 min

Lab File: BF109754.D

Acq: 10 Oct 2018 20:44

Instrument :

BNA_F

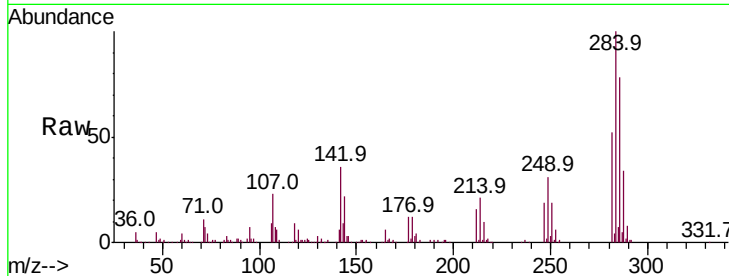
ClientSampleId :

RBR200035MSD

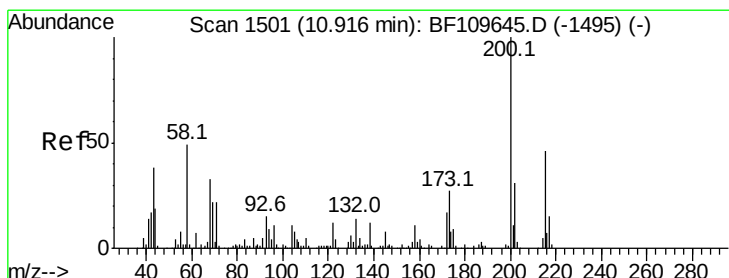
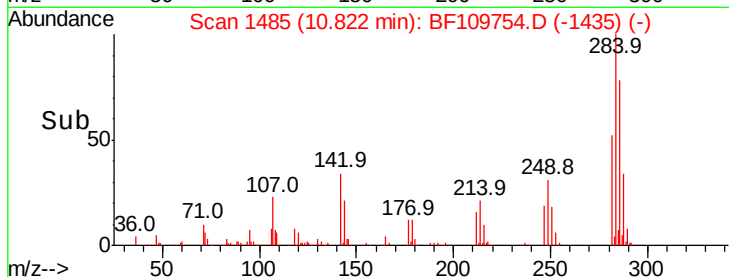
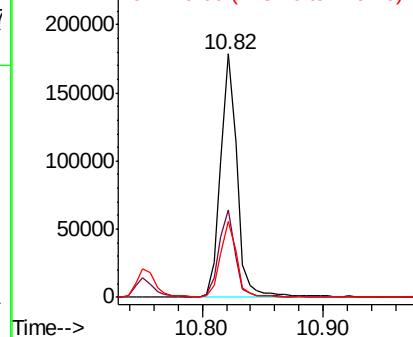
Tot Ion	Ratio	Resp	Lower	Upper
284	100			
142	36.1	23.9	35.9#	
249	31.2	24.2	36.2	

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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: 45.832 ng

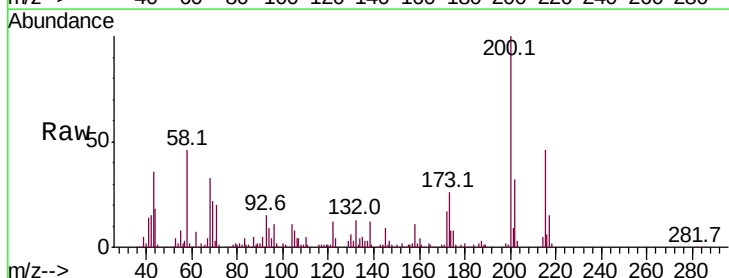
RT: 10.92 min Scan# 1501

Delta R.T. -0.00 min

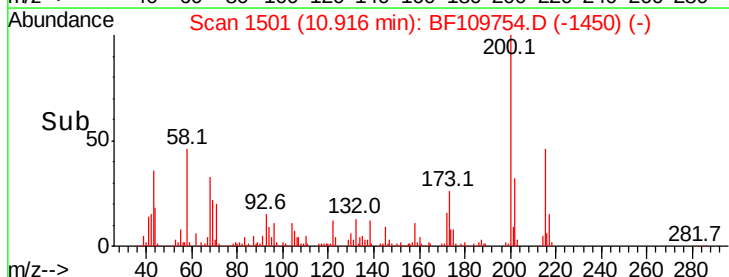
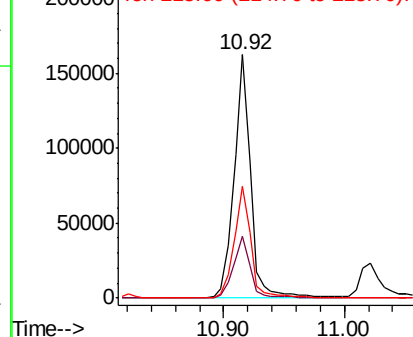
Lab File: BF109754.D

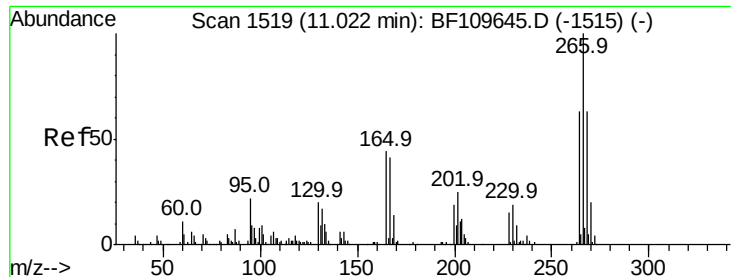
Acq: 10 Oct 2018 20:44

Tgt Ion	Ratio	Resp	Lower	Upper
200	100			
173	25.7	6.6	46.6	
215	45.8	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





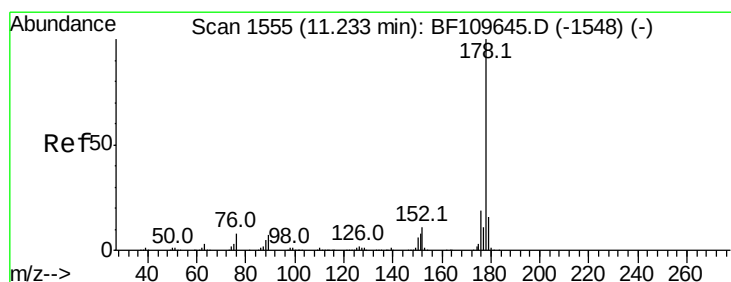
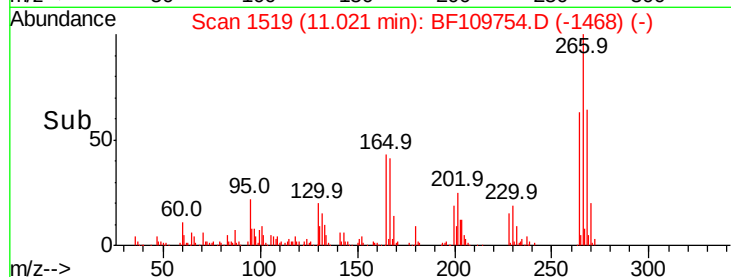
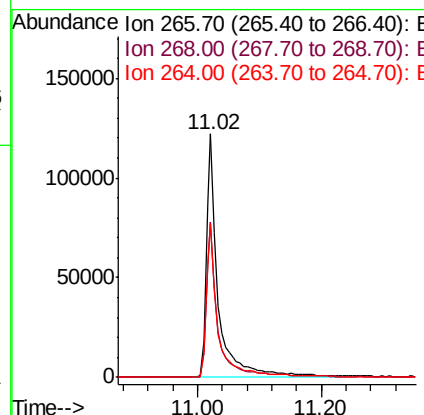
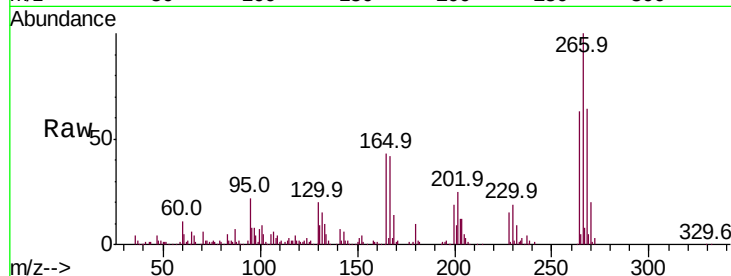
#69
 Pentachlorophenol
 Concen: 73.927 ng
 RT: 11.02 min Scan# 1519
 Delta R.T. -0.00 min
 Lab File: BF109754.D
 Acq: 10 Oct 2018 20:44

Instrument :
 BNA_F
 ClientSampleId :
 RBR200035MSD

Tot Ion	Ratio	Resp	Lower	Upper
266	100	166415		
268	64.0		50.6	75.8
264	63.5		50.6	75.8

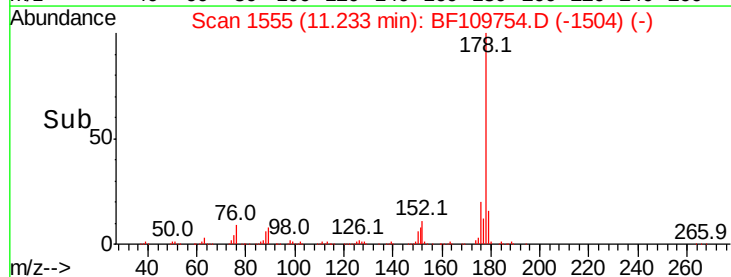
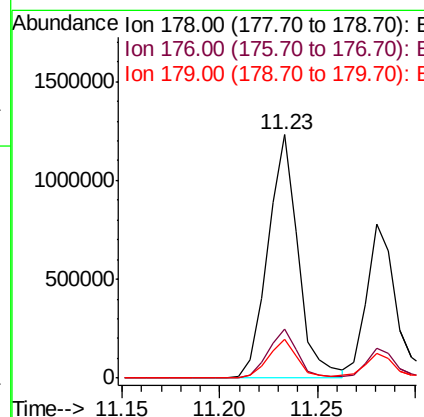
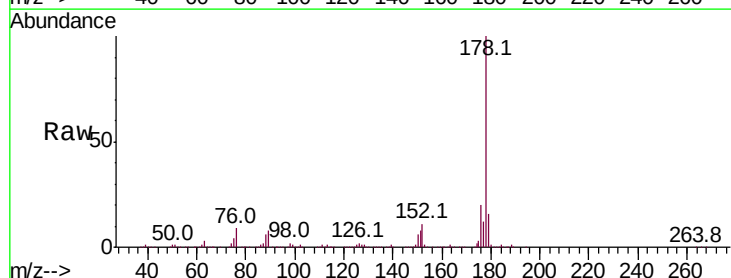
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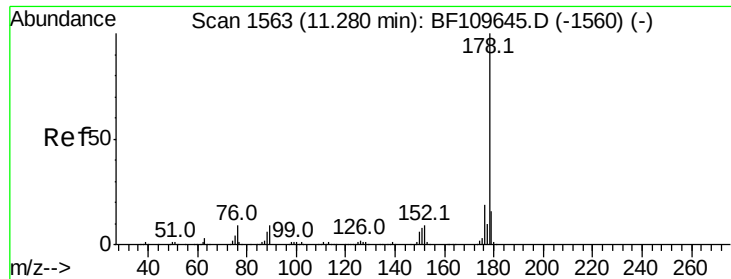
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#70
 Phenanthrene
 Concen: 81.923 ng
 RT: 11.23 min Scan# 1555
 Delta R.T. -0.00 min
 Lab File: BF109754.D
 Acq: 10 Oct 2018 20:44

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	1318163		
176	20.0		15.5	23.3
179	15.8		12.5	18.7





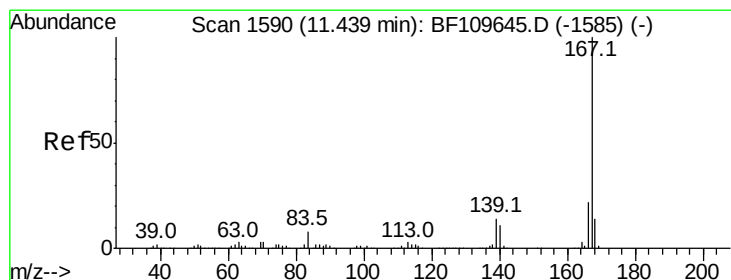
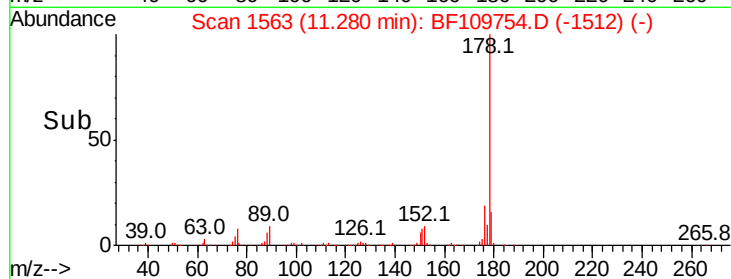
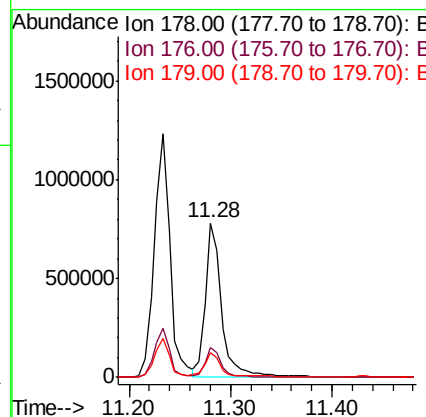
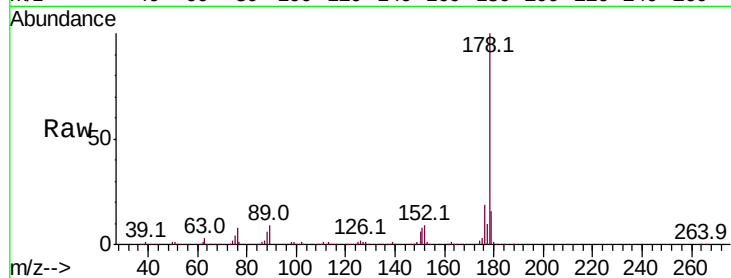
#71
 Anthracene
 Concen: 52.001 ng
 RT: 11.28 min Scan# 1563
 Delta R.T. -0.00 min
 Lab File: BF109754.D
 Acq: 10 Oct 2018 20:44

Instrument :
 BNA_F
 ClientSampleId :
 RBR200035MSD

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.3	15.4	23.2
179	15.8	12.6	18.8

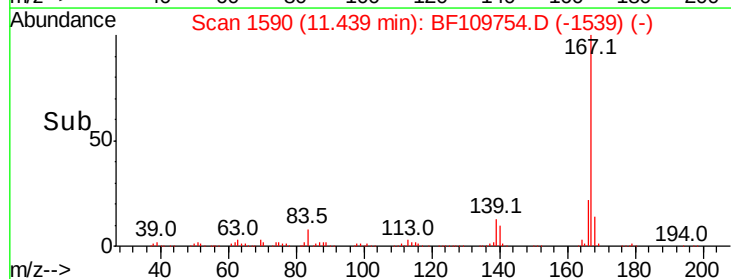
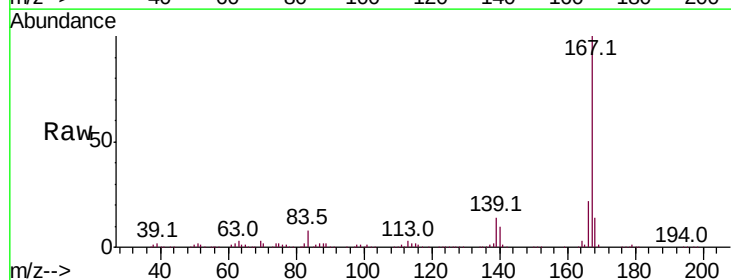
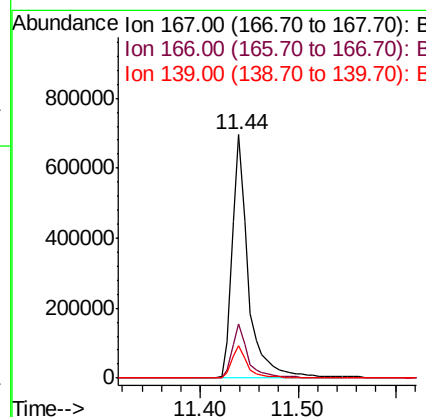
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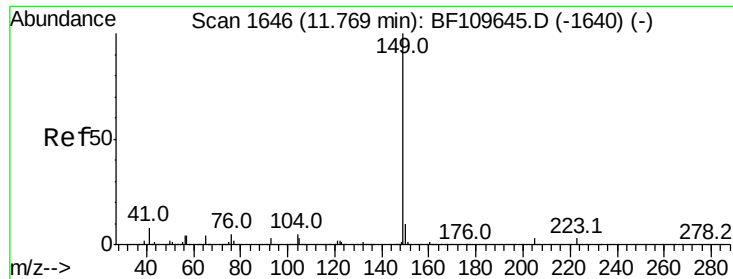
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#72
 Carbazole
 Concen: 49.509 ng
 RT: 11.44 min Scan# 1590
 Delta R.T. -0.00 min
 Lab File: BF109754.D
 Acq: 10 Oct 2018 20:44

Tgt Ion	Ratio	Lower	Upper
167	100		
166	22.2	17.4	26.0
139	13.5	10.9	16.3





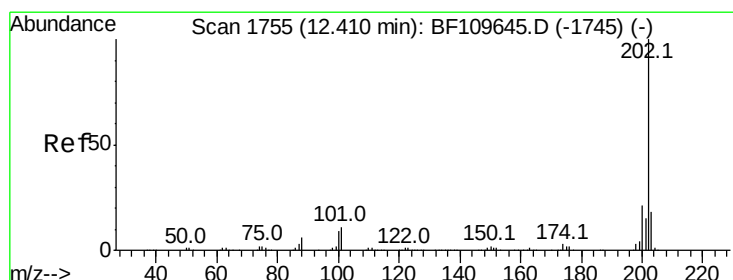
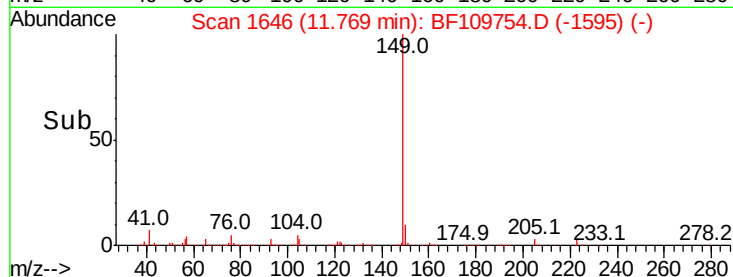
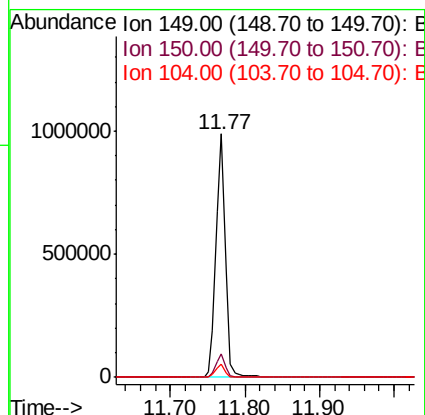
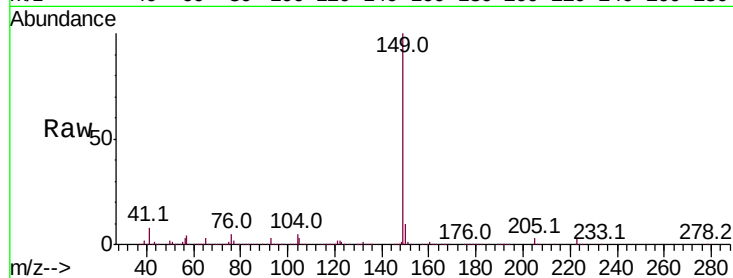
#73
Di-n-butylphthalate
Concen: 46.032 ng
RT: 11.77 min Scan# 1646
Delta R.T. -0.00 min
Lab File: BF109754.D
Acq: 10 Oct 2018 20:44

Instrument :
BNA_F
ClientSampleId :
RBR200035MSD

Tot Ion	Ratio	Lower	Upper
149	100		
150	9.6	7.7	11.5
104	5.2	4.2	6.4

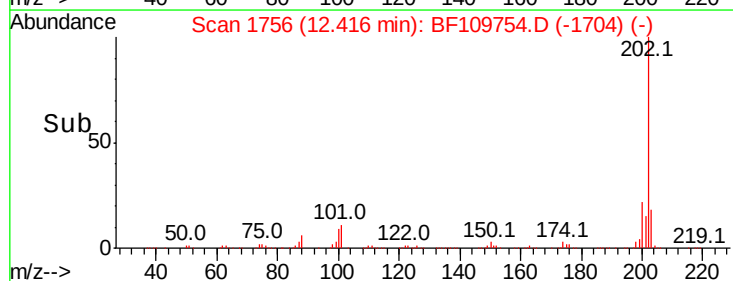
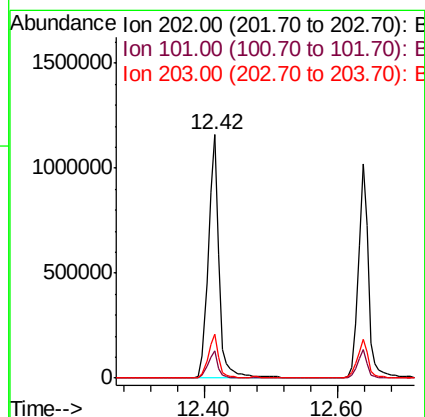
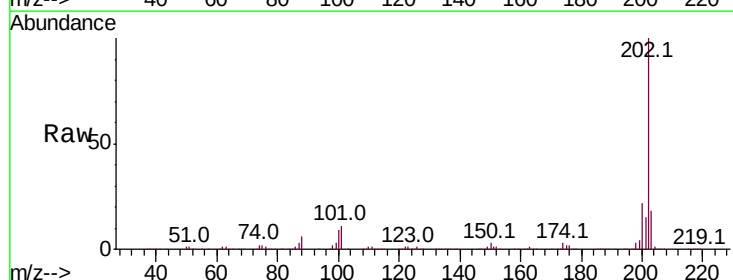
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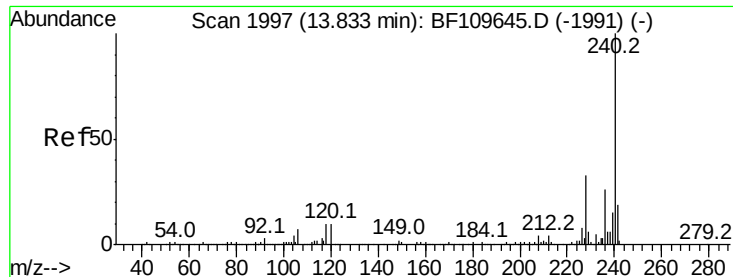
Sohil
10/11/2018 2:02:49 PM



#74
Fluoranthene
Concen: 75.789 ng
RT: 12.42 min Scan# 1756
Delta R.T. 0.01 min
Lab File: BF109754.D
Acq: 10 Oct 2018 20:44

Tgt Ion	Ratio	Lower	Upper
202	100		
101	11.2	0.0	31.4
203	18.1	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: BF109754.D

Acq: 10 Oct 2018 20:44

Instrument :

BNA_F

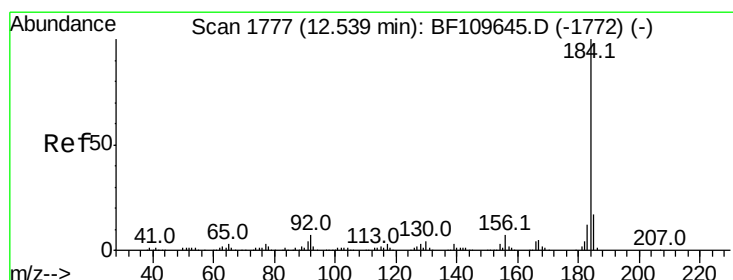
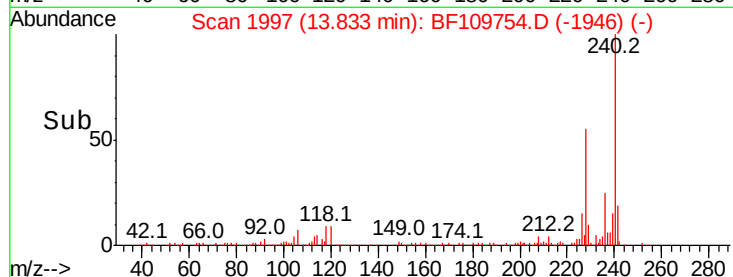
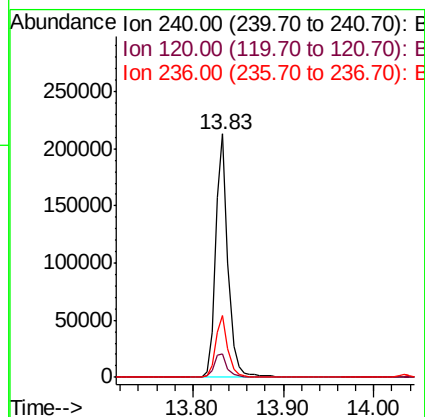
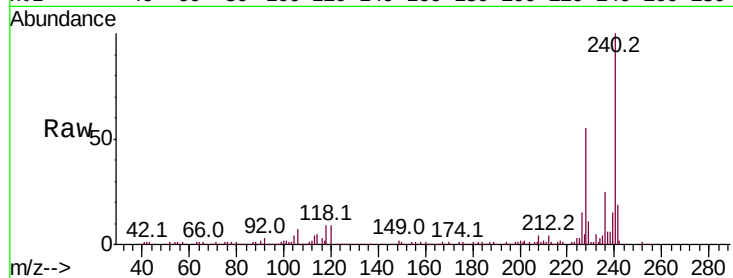
ClientSampleId :

RBR200035MSD

Tot Ion:	240	Resp:	200752
Ion Ratio	Lower	Upper	
240	100		
120	9.4	8.3	12.5
236	25.3	21.2	31.8

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#76

Benzidine

Concen: 26.469 ng

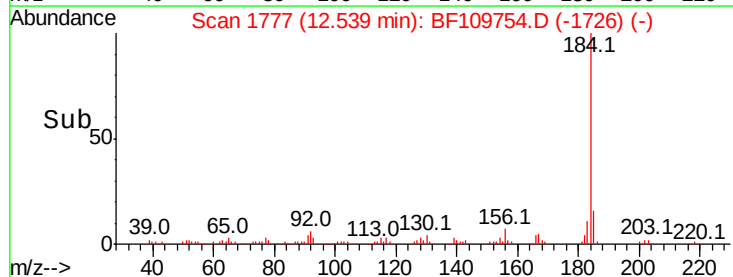
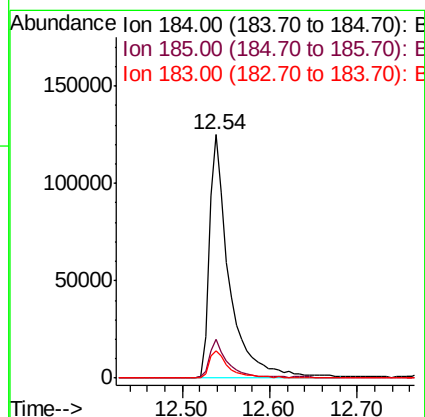
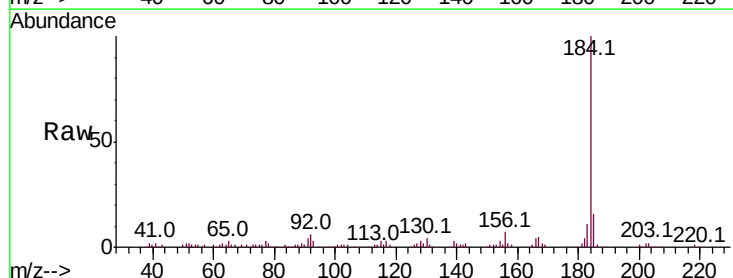
RT: 12.54 min Scan# 1777

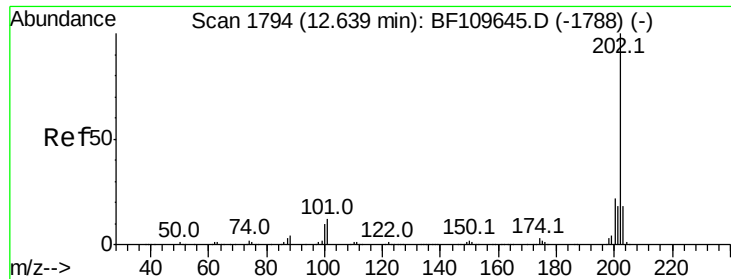
Delta R.T. -0.00 min

Lab File: BF109754.D

Acq: 10 Oct 2018 20:44

Tgt Ion:	184	Resp:	197392
Ion Ratio	Lower	Upper	
184	100		
185	15.7	13.4	20.2
183	11.2	9.4	14.2





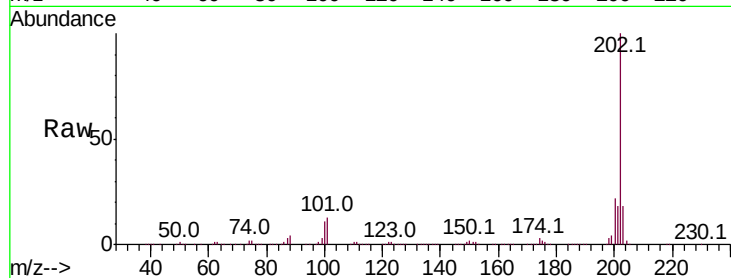
#77
Pvrene
Concen: 73.632 ng
RT: 12.64 min Scan# 1794
Delta R.T. -0.00 min
Lab File: BF109754.D
Acq: 10 Oct 2018 20:44

Instrument :
BNA_F
ClientSampleId :
RBR200035MSD

Tot Ion	Ratio	Lower	Upper
202	100		
200	22.4	17.8	26.6
203	18.4	14.2	21.4

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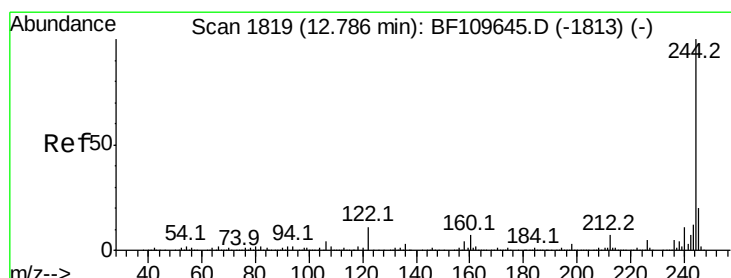
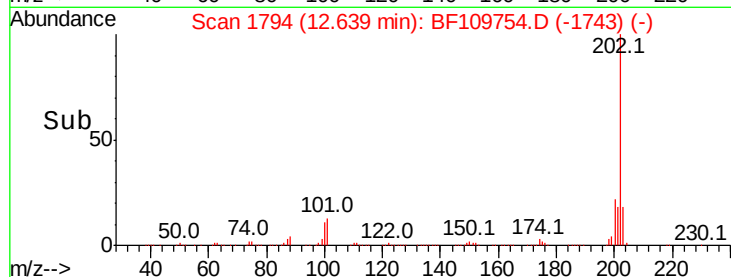
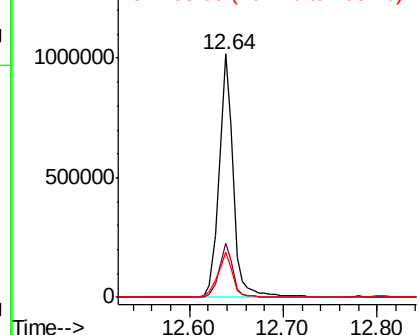


Abundance

Ion 202.00 (201.70 to 202.70): E

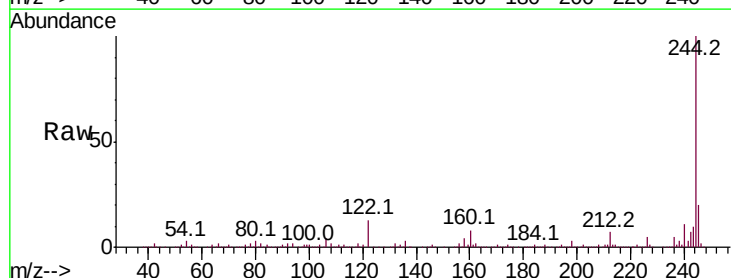
Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#78
Terphenyl-d14
Concen: 96.788 ng
RT: 12.78 min Scan# 1818
Delta R.T. -0.01 min
Lab File: BF109754.D
Acq: 10 Oct 2018 20:44

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.3	5.8	8.8
122	12.7	8.7	13.1

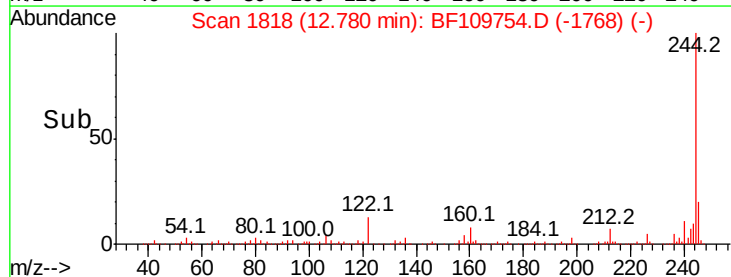
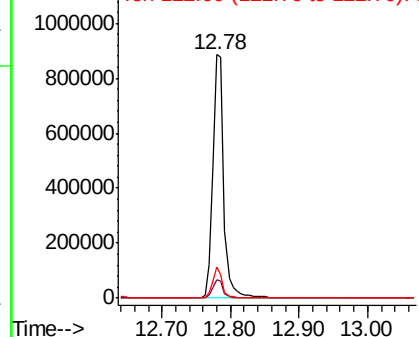


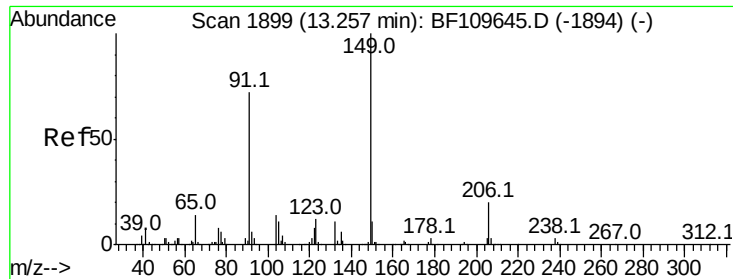
Abundance

Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





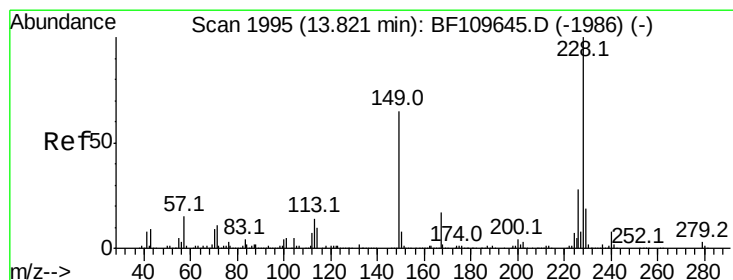
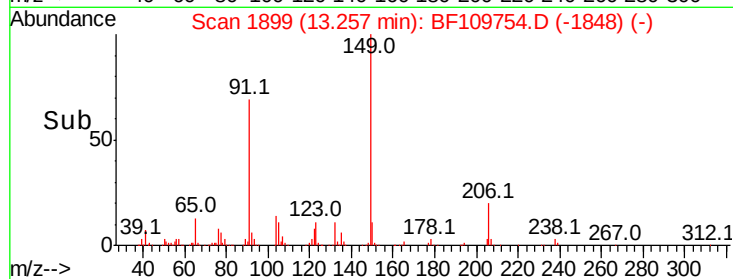
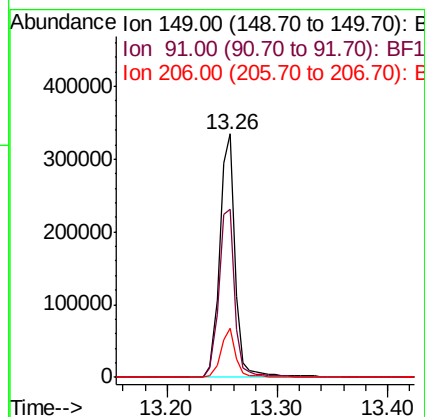
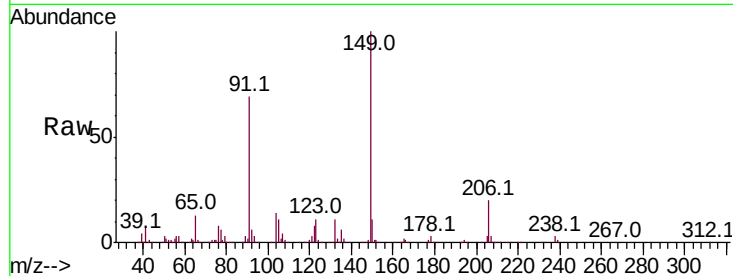
#79
 Butylbenzylphthalate
 Concen: 51.321 ng
 RT: 13.26 min Scan# 1899
 Delta R.T. -0.00 min
 Lab File: BF109754.D
 Acq: 10 Oct 2018 20:44

Instrument :
 BNA_F
 ClientSampleId :
 RBR200035MSD

Tot Ion:	149	Resp:	327270
Ion Ratio	Lower	Upper	
149	100		
91	69.0	57.2	85.8
206	20.0	15.7	23.5

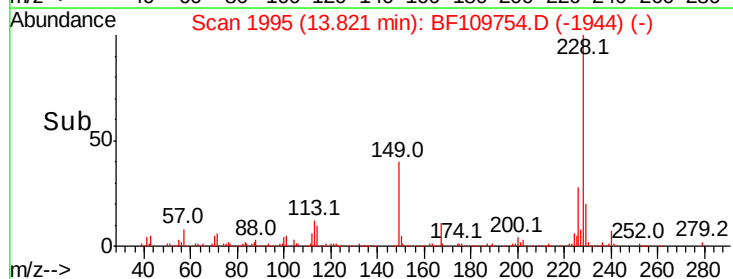
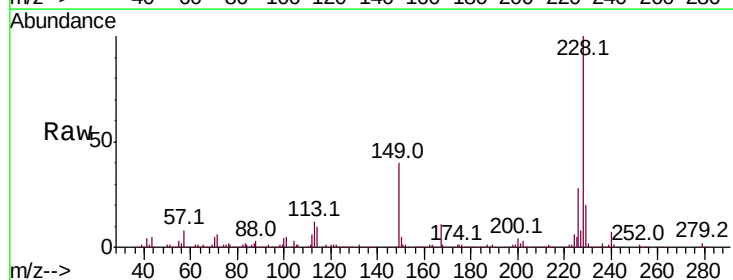
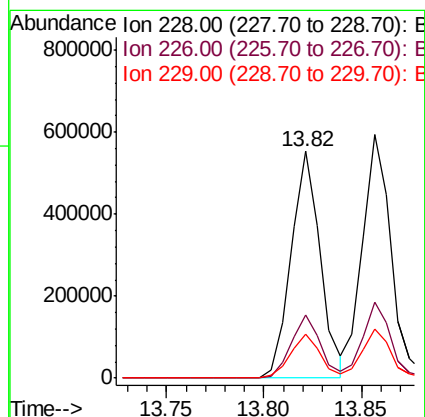
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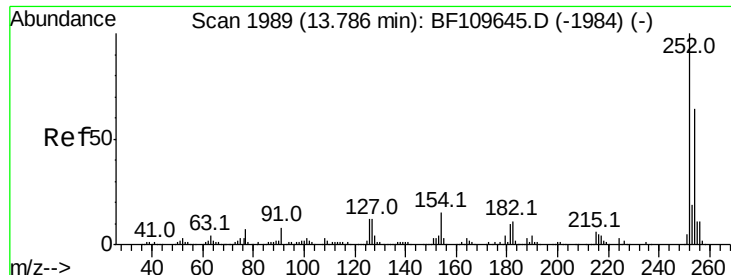
Sohil
 10/11/2018 2:02:49 PM



#80
 Benzo(a)anthracene
 Concen: 51.729 ng
 RT: 13.82 min Scan# 1995
 Delta R.T. -0.00 min
 Lab File: BF109754.D
 Acq: 10 Oct 2018 20:44

Tgt Ion:	228	Resp:	573070
Ion Ratio	Lower	Upper	
228	100		
226	28.1	22.1	33.1
229	19.6	15.6	23.4





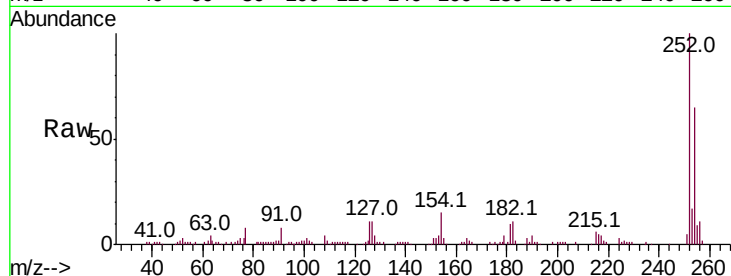
#81
 3,3'-Dichlorobenzidine
 Concen: 24.820 ng
 RT: 13.79 min Scan# 1989
 Delta R.T. -0.00 min
 Lab File: BF109754.D
 Acq: 10 Oct 2018 20:44

Instrument :
 BNA_F
 ClientSampleId :
 RBR200035MSD

Tot Ion	Ratio	Resp	Lower	Upper
252	100	110716		
254	64.8	51.3	76.9	
126	10.7	9.4	14.2	

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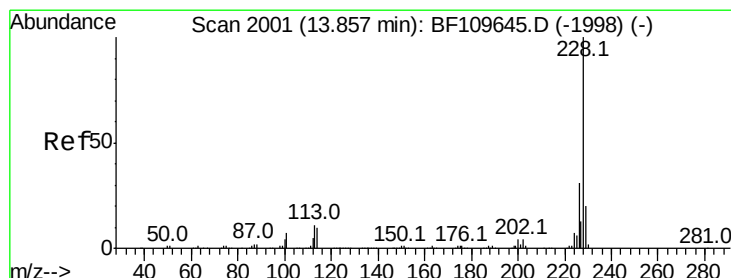
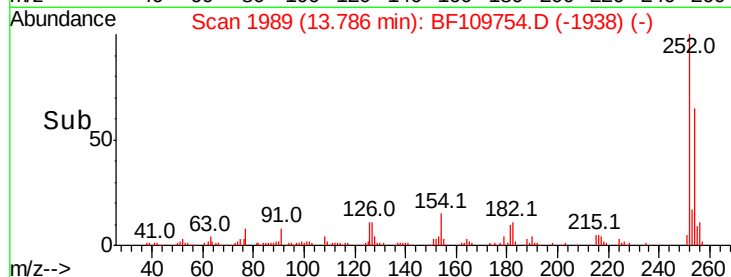
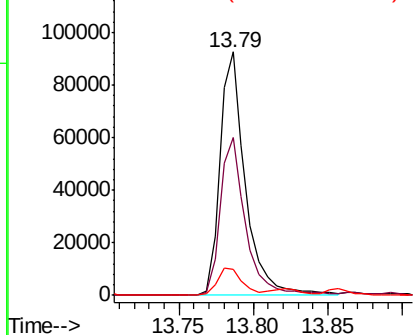


Abundance

Ion 252.00 (251.70 to 252.70): E

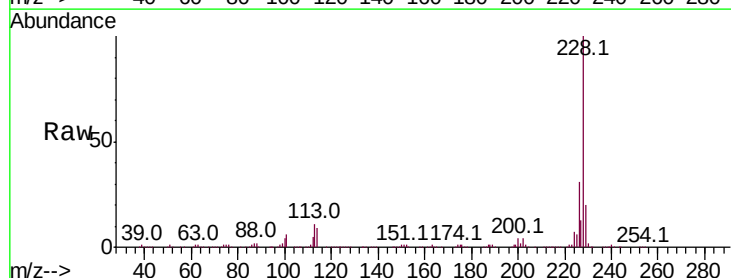
Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E



#82
 Chrysene
 Concen: 52.094 ng
 RT: 13.86 min Scan# 2001
 Delta R.T. -0.00 min
 Lab File: BF109754.D
 Acq: 10 Oct 2018 20:44

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	606194		
226	31.4	24.7	37.1	
229	20.1	15.9	23.9	

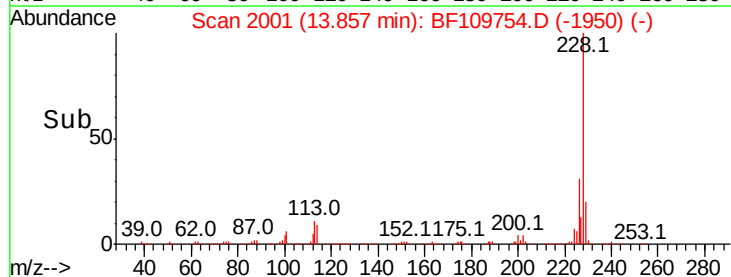
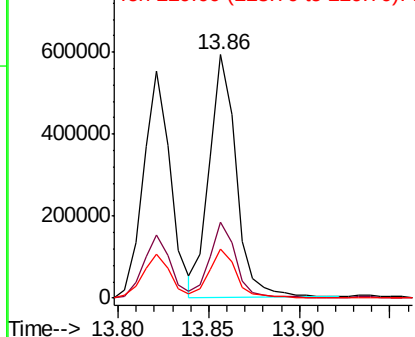


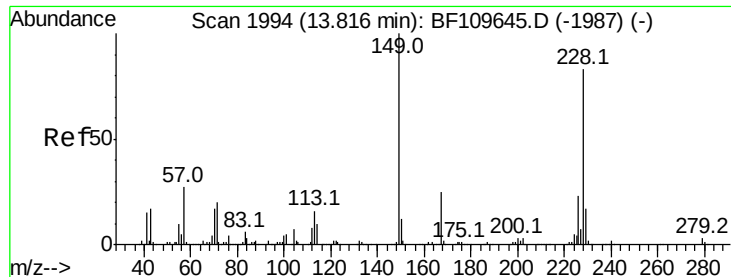
Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#83

Bis(2-ethylhexyl)phthalate

Concen: 52.551 ng

RT: 13.82 min Scan# 1994

Delta R.T. -0.00 min

Lab File: BF109754.D

Acq: 10 Oct 2018 20:44

Instrument :

BNA_F

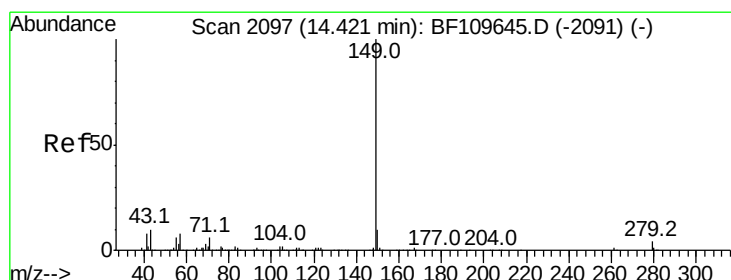
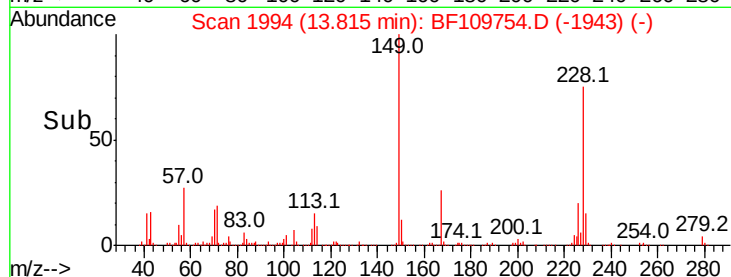
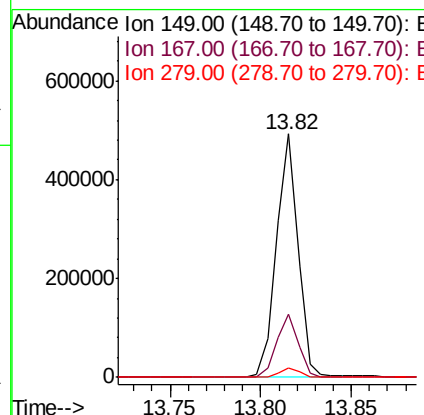
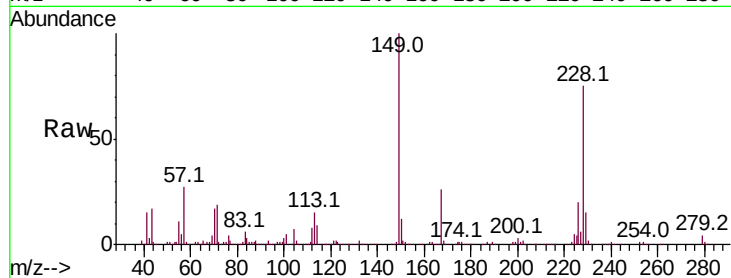
ClientSampleId :

RBR200035MSD

Tot Ion:	149	Resp:	408851
Ion Ratio	Lower	Upper	
149	100		
167	25.9	19.8	29.8
279	3.7	2.7	4.1

Manual Integrations
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#84

Di-n-octyl phthalate

Concen: 56.352 ng

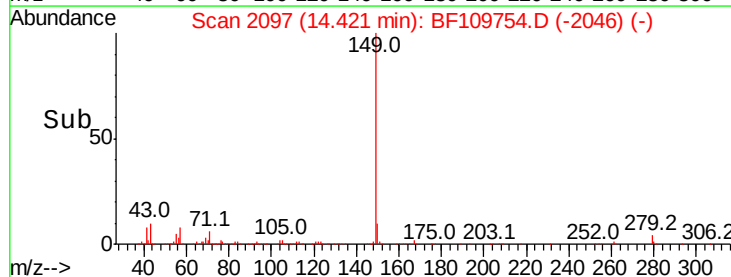
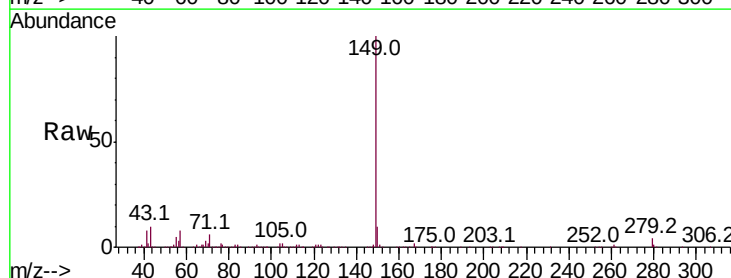
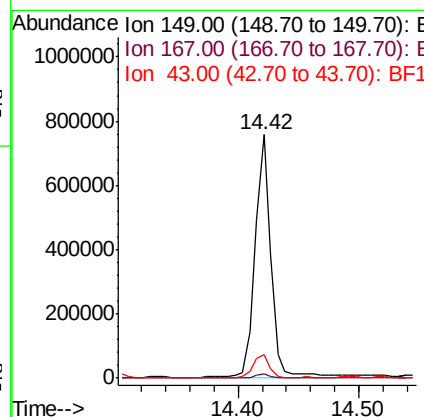
RT: 14.42 min Scan# 2097

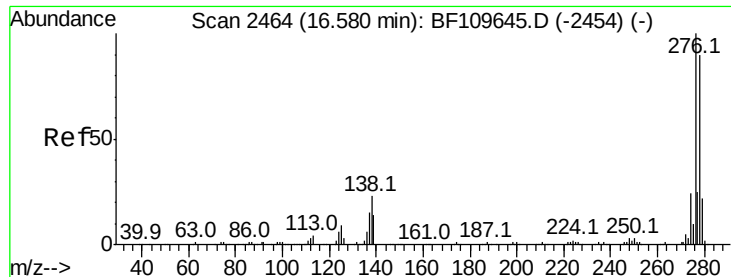
Delta R.T. -0.00 min

Lab File: BF109754.D

Acq: 10 Oct 2018 20:44

Tgt Ion:	149	Resp:	692980
Ion Ratio	Lower	Upper	
149	100		
167	1.6	1.1	1.7
43	9.8	7.8	11.8





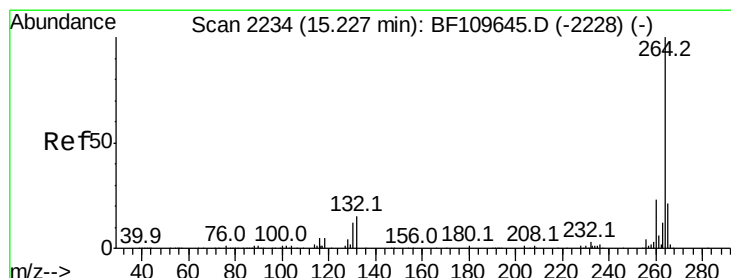
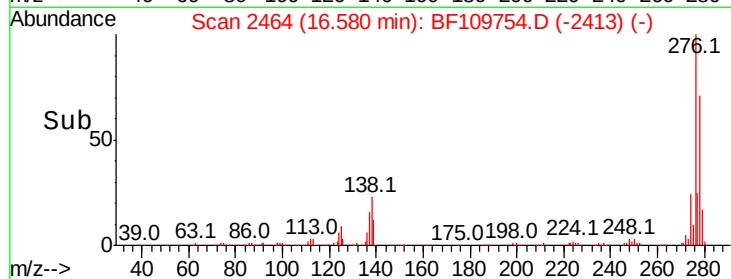
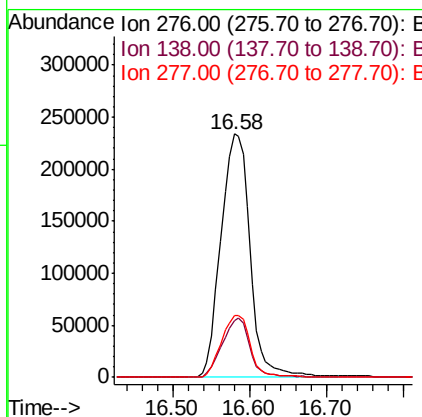
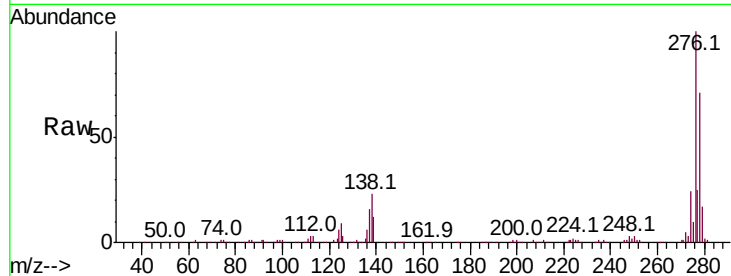
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 74.173 ng
 RT: 16.58 min Scan# 2464
 Delta R.T. -0.00 min
 Lab File: BF109754.D
 Acq: 10 Oct 2018 20:44

Instrument :
 BNA_F
 ClientSampleId :
 RBR200035MSD

Tot Ion	Ratio	Lower	Upper
276	100		
138	23.3	18.5	27.7
277	25.4	20.0	30.0

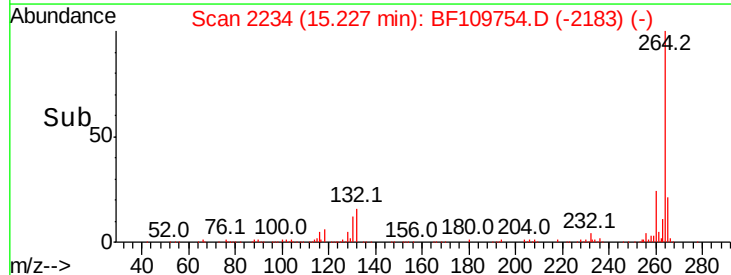
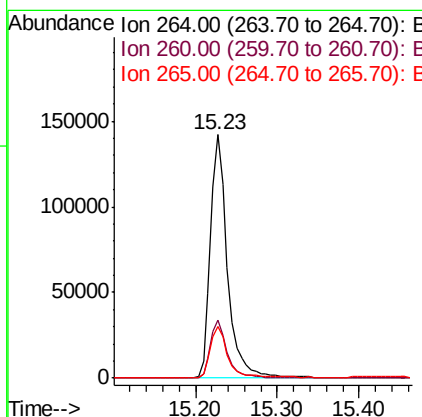
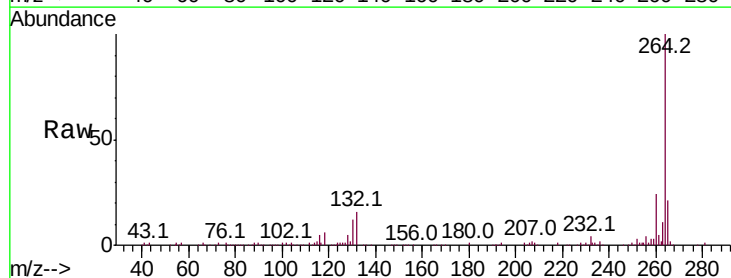
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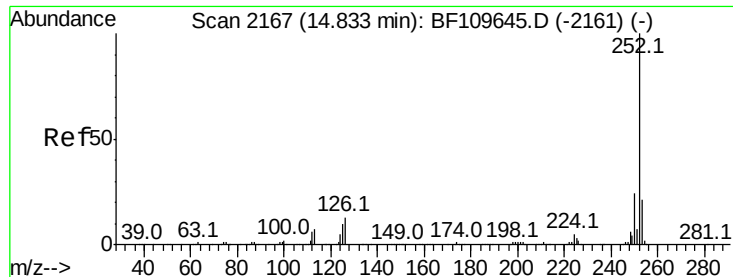
Sohil
 10/11/2018 2:02:49 PM



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.23 min Scan# 2234
 Delta R.T. -0.00 min
 Lab File: BF109754.D
 Acq: 10 Oct 2018 20:44

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.7	18.7	28.1
265	21.2	16.7	25.1





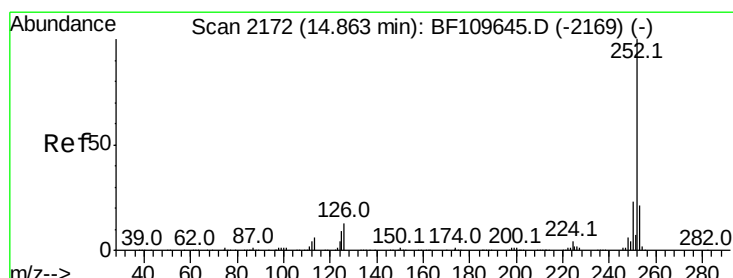
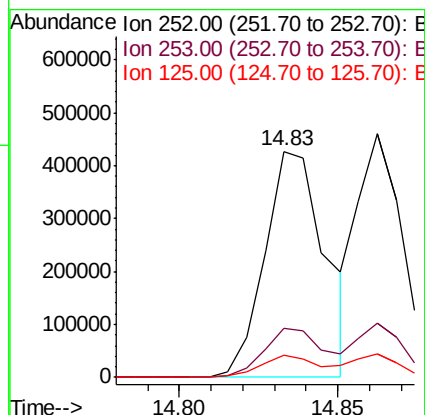
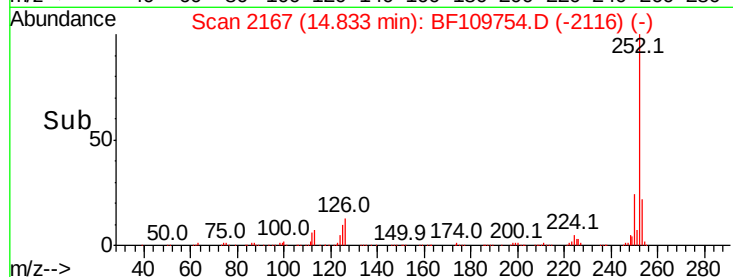
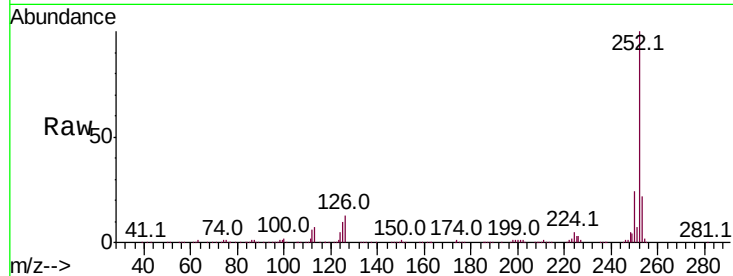
#87
Benzo(b)fluoranthene
Concen: 49.207 ng
RT: 14.83 min Scan# 2167
Delta R.T. -0.00 min
Lab File: BF109754.D
Acq: 10 Oct 2018 20:44

Instrument :
BNA_F
ClientSampleId :
RBR200035MSD

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.7	17.2	25.8
125	9.9	8.2	12.4

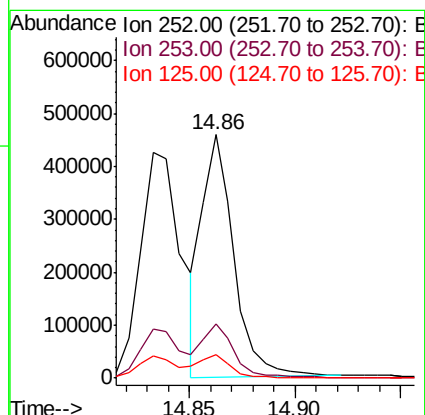
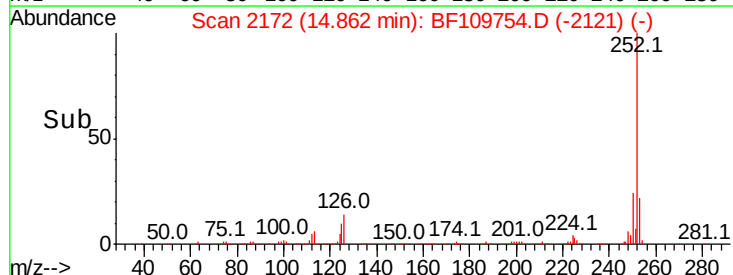
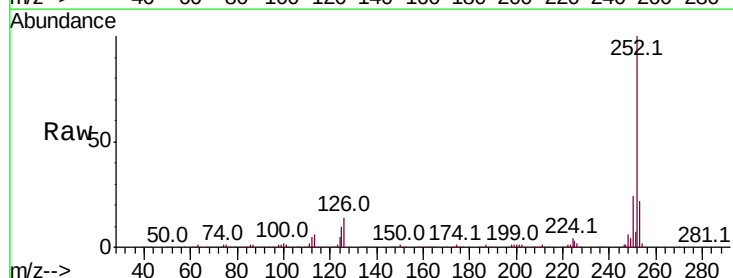
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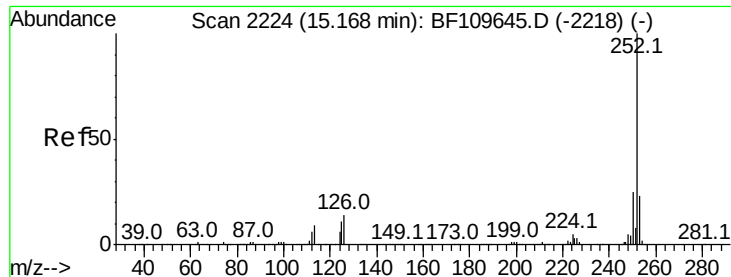
Sohil
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#88
Benzo(k)fluoranthene
Concen: 41.241 ng
RT: 14.86 min Scan# 2172
Delta R.T. -0.00 min
Lab File: BF109754.D
Acq: 10 Oct 2018 20:44

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.4	17.2	25.8
125	9.7	7.4	11.0





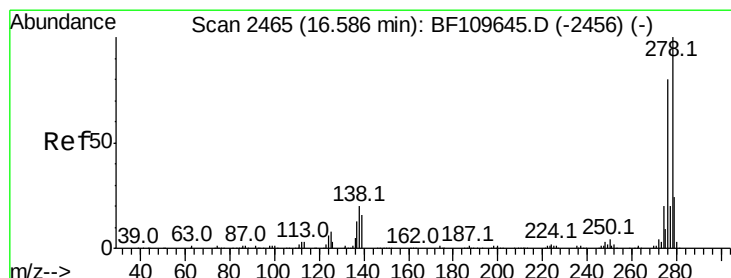
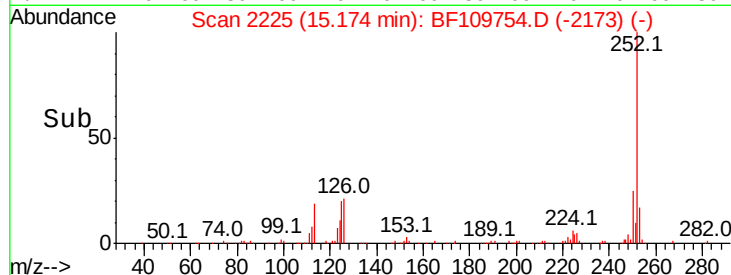
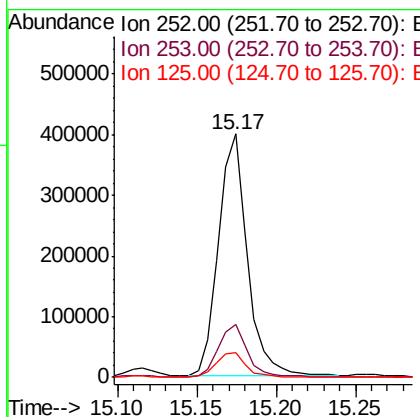
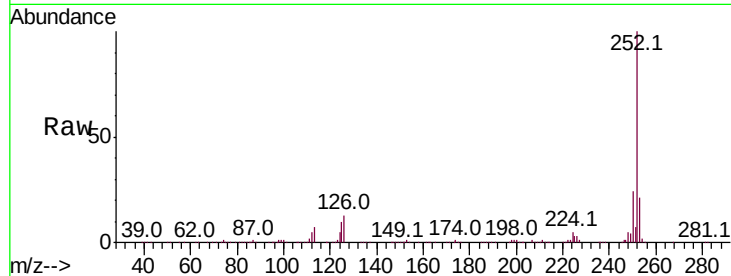
#89
Benzo(a)pyrene
Concen: 48.617 ng
RT: 15.17 min Scan# 2225
Delta R.T. 0.01 min
Lab File: BF109754.D
Acq: 10 Oct 2018 20:44

Instrument :
BNA_F
ClientSampleId :
RBR200035MSD

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.5	18.2	27.4
125	10.0	9.0	13.6

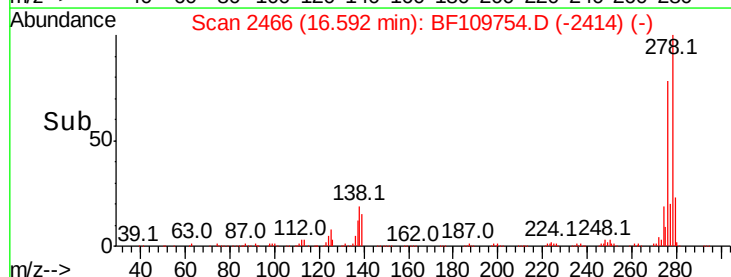
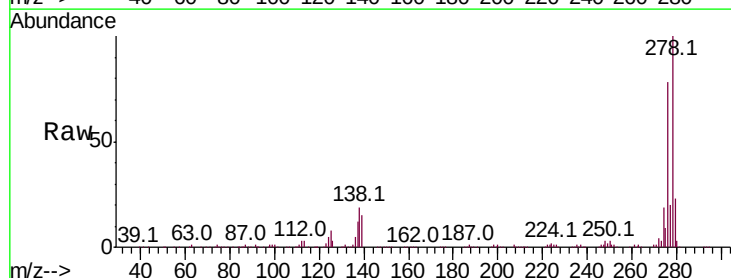
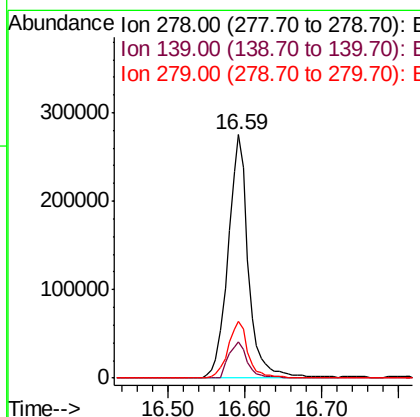
Manual Integrations
APPROVED

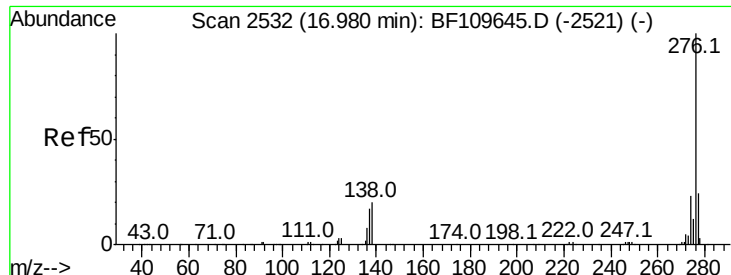
Sohil
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#90
Dibenzo(a,h)anthracene
Concen: 59.042 ng
RT: 16.59 min Scan# 2466
Delta R.T. 0.01 min
Lab File: BF109754.D
Acq: 10 Oct 2018 20:44

Tgt Ion	Ratio	Lower	Upper
278	100		
139	14.8	12.7	19.1
279	23.3	19.0	28.4





#91
 Benzo(a,h,i)perylene
 Concen: 62.338 ng
 RT: 16.99 min Scan# 2533
 Delta R.T. 0.01 min
 Lab File: BF109754.D
 Acq: 10 Oct 2018 20:44

Instrument :
 BNA_F
 ClientSampleId :
 RBR200035MSD

Tot Ion:	276	Resp:	533672
Ion Ratio	Lower	Upper	
276	100		
277	23.5	18.8	28.2
138	19.6	16.0	24.0

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