

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF101018\
 Data File : BF109753.D
 Acq On : 10 Oct 2018 20:16
 Operator : JU/SJ
 Sample : J5366-01MS
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 RBR200035MS

Manual Integrations
 APPROVED

Sohil
 10/11/2018 2:02:46 PM

Quant Time: Oct 11 06:13:04 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	72820	20.00	ng	0.00
21) Naphthalene-d8	7.97	136	296061	20.00	ng	0.00
38) Acenaphthene-d10	9.72	164	145801	20.00	ng	0.00
63) Phenanthrene-d10	11.20	188	291212	20.00	ng	0.00
75) Chrysene-d12	13.83	240	212444	20.00	ng	0.00
86) Perylene-d12	15.23	264	212402	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.32	112	514643	125.45	ng	0.00
7) Phenol-d6	6.35	99	700865	127.89	ng	0.00
23) Nitrobenzene-d5	7.26	82	475701	88.57	ng	0.00
41) 2,4,6-Tribromophenol	10.52	330	205736	129.50	ng	0.00
44) 2-Fluorobiphenyl	9.05	172	852602	80.54	ng	0.00
78) Terphenyl-d14	12.78	244	926327	84.41	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.38	88	62658	29.102	ng	99
3) Pyridine	3.12	79	117463	26.444	ng	98
4) n-Nitrosodimethylamine	3.03	42	60503	37.736	ng	96
6) Aniline	6.37	93	158353	24.804	ng	97
8) 2-Chlorophenol	6.49	128	220631	43.729	ng	99
9) Benzaldehyde	6.25	77	100166	28.403	ng	96
10) Phenol	6.36	94	269592	42.899	ng	# 78
11) bis(2-Chloroethyl)ether	6.43	93	203300m	39.021	ng	
12) 1,3-Dichlorobenzene	6.63	146	222812	38.611	ng	98
13) 1,4-Dichlorobenzene	6.72	146	250558	39.831	ng	99
14) 1,2-Dichlorobenzene	6.86	146	228165	41.301	ng	99
15) Benzyl Alcohol	6.85	79	174767	43.015	ng	99
16) 2,2'-oxybis(1-Chloropropan	6.97	45	282057	40.828	ng	96
17) 2-Methylphenol	6.96	107	169832	42.565	ng	92
18) Hexachloroethane	7.20	117	88777	39.927	ng	96
19) n-Nitroso-di-n-propylamine	7.12	70	157030	40.858	ng	99
20) 3+4-Methylphenols	7.12	107	209104	42.531	ng	94
22) Acetophenone	7.11	105	320567	44.776	ng	# 98
24) Nitrobenzene	7.28	77	233538	41.787	ng	98
25) Isophorone	7.52	82	436978	48.996	ng	100
26) 2-Nitrophenol	7.60	139	110767	42.373	ng	97
27) 2,4-Dimethylphenol	7.65	122	186565	49.422	ng	99
28) bis(2-Chloroethoxy)methane	7.73	93	269639	44.697	ng	100
29) 2,4-Dichlorophenol	7.85	162	191236	45.165	ng	99
30) 1,2,4-Trichlorobenzene	7.92	180	196749	41.975	ng	99
31) Naphthalene	8.00	128	691307	50.490	ng	100
32) Benzoic acid	7.76	122	58477m	21.667	ng	
33) 4-Chloroaniline	8.06	127	86228	14.301	ng	97
34) Hexachlorobutadiene	8.12	225	115135	39.506	ng	99
35) Caprolactam	8.42	113	55658m	44.015	ng	
36) 4-Chloro-3-methylphenol	8.55	107	206927	46.297	ng	97
37) 2-Methylnaphthalene	8.69	142	466814	52.049	ng	99
39) 1,2,4,5-Tetrachlorobenzene	8.86	216	202689	40.839	ng	98
40) Hexachlorocyclopentadiene	8.85	237	152994	71.265	ng	98

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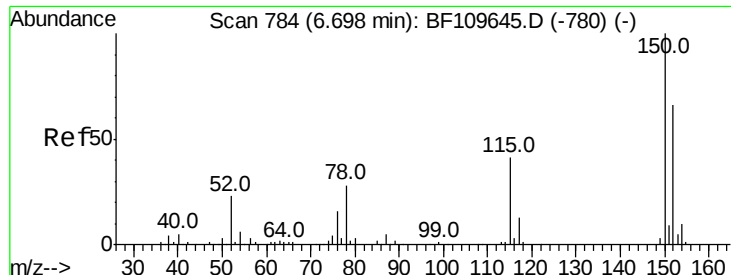
Manual Integrations
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 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF100818.M
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	8.97	196	125924	42.443	nq	100
43) 2,4,5-Trichlorophenol	9.02	196	156231m	45.797	nq	
45) 1,1'-Biphenyl	9.15	154	545675	41.894	nq	100
46) 2-Chloronaphthalene	9.17	162	405817	41.587	nq	100
47) 2-Nitroaniline	9.27	65	132922	44.986	nq	98
48) Acenaphthylene	9.59	152	655522	46.078	nq	100
49) Dimethylphthalate	9.46	163	586765	54.873	nq	100
50) 2,6-Dinitrotoluene	9.52	165	105991	45.727	nq	95
51) Acenaphthene	9.76	154	424261	50.307	nq	100
52) 3-Nitroaniline	9.69	138	69442	26.726	nq	94
53) 2,4-Dinitrophenol	9.80	184	43728	58.472	nq	91
54) Dibenzofuran	9.93	168	627072	49.605	nq	99
55) 4-Nitrophenol	9.87	139	123172	86.606	nq	92
56) 2,4-Dinitrotoluene	9.92	165	133884	46.284	nq	94
57) Fluorene	10.27	166	510667	54.094	nq	99
58) 2,3,4,6-Tetrachlorophenol	10.06	232	128104	46.196	nq	100
59) Diethylphthalate	10.15	149	483719	45.656	nq	99
60) 4-Chlorophenyl-phenylether	10.26	204	208425	41.849	nq	98
61) 4-Nitroaniline	10.30	138	109786	45.625	nq	98
62) Azobenzene	10.42	77	486400	45.209	nq	98
64) 4,6-Dinitro-2-methylphenol	10.33	198	49886	35.196	nq	91
65) n-Nitrosodiphenylamine	10.39	169	413767	41.913	nq	99
66) 4-Bromophenyl-phenylether	10.75	248	135694	40.553	nq	94
67) Hexachlorobenzene	10.82	284	144874	39.984	nq	97
68) Atrazine	10.92	200	137677	44.687	nq	98
69) Pentachlorophenol	11.02	266	135877	66.644	nq	99
70) Phenanthrene	11.23	178	1004900	68.955	nq	100
71) Anthracene	11.28	178	740813	49.175	nq	100
72) Carbazole	11.44	167	717500	49.107	nq	100
73) Di-n-butylphthalate	11.77	149	757668	44.709	nq	99
74) Fluoranthene	12.42	202	1114160	73.182	nq	98
76) Benzidine	12.54	184	173804	22.023	nq	97
77) Pyrene	12.64	202	1011429	64.981	nq	99
79) Butylbenzylphthalate	13.26	149	315746	46.789	nq	96
80) Benzo(a)anthracene	13.82	228	584854	49.887	nq	99
81) 3,3'-Dichlorobenzidine	13.79	252	110823	23.477	nq	98
82) Chrysene	13.86	228	601811	48.871	nq	100
83) Bis(2-ethylhexyl)phthalate	13.82	149	401486	48.765	nq	97
84) Di-n-octyl phthalate	14.42	149	687836	52.855	nq	100
85) Indeno(1,2,3-cd)pyrene	16.58	276	590506	66.996	nq	99
87) Benzo(b)fluoranthene	14.83	252	562297	47.905	nq	98
88) Benzo(k)fluoranthene	14.86	252	466693	39.572	nq	98
89) Benzo(a)pyrene	15.17	252	493146	46.298	nq	97
90) Dibenzo(a,h)anthracene	16.59	278	483560	55.277	nq	97
91) Benzo(g,h,i)perylene	16.99	276	500129	57.252	nq	100

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



#1

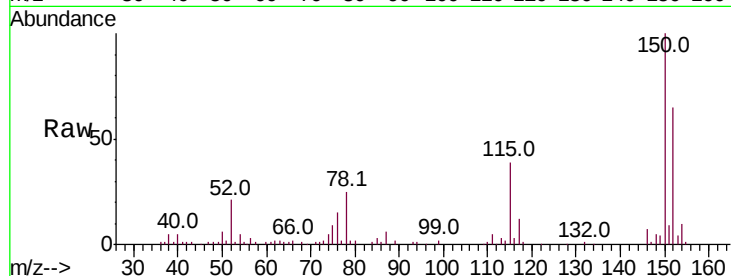
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.70 min Scan# 784
Delta R.T. -0.00 min
Lab File: BF109753.D
Acq: 10 Oct 2018 20:16

Instrument :
BNA_F
ClientSampleId :
RBR200035MS

Tot Ion	Ratio	Lower	Upper
152	100		
150	155.0	122.7	184.1
115	59.7	49.1	73.7

Manual Integrations
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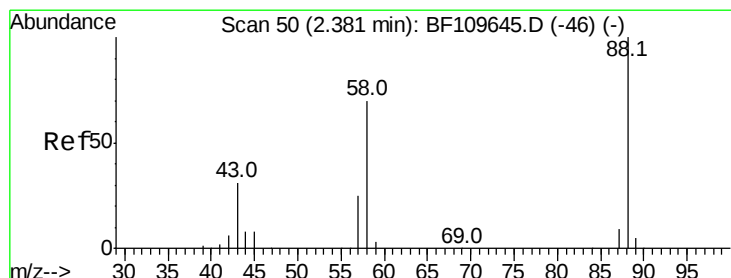
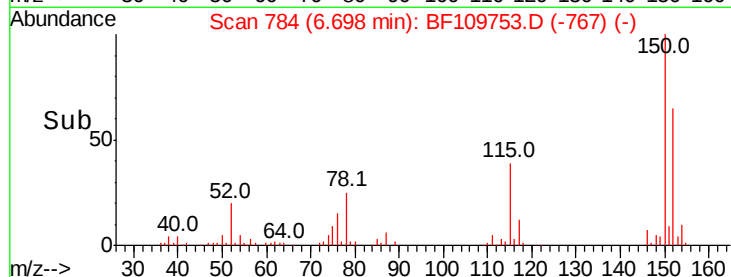
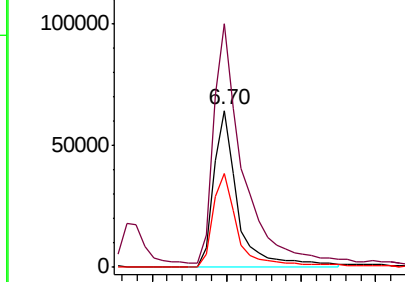


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

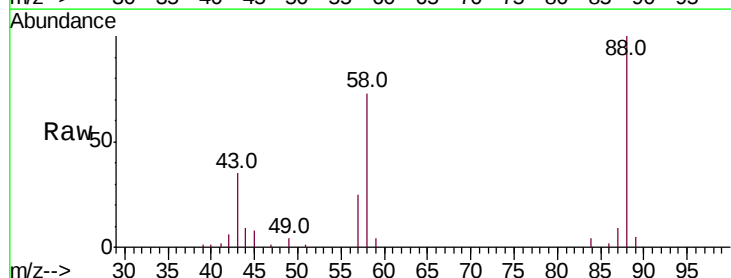
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 29.102 ng
RT: 2.38 min Scan# 50
Delta R.T. -0.00 min
Lab File: BF109753.D
Acq: 10 Oct 2018 20:16

Tgt Ion	Ratio	Lower	Upper
88	100		
58	71.9	57.1	85.7
43	28.9	24.1	36.1

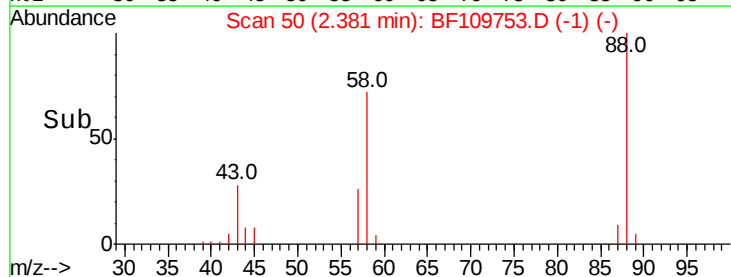
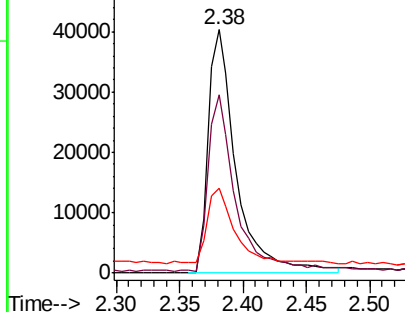


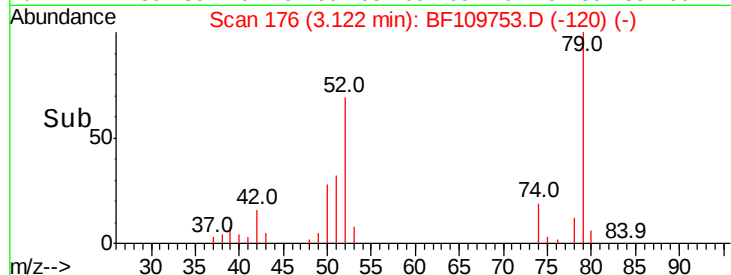
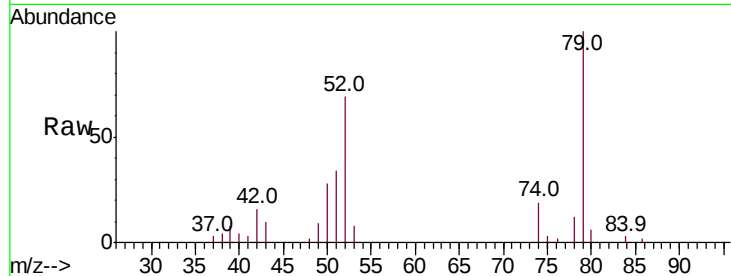
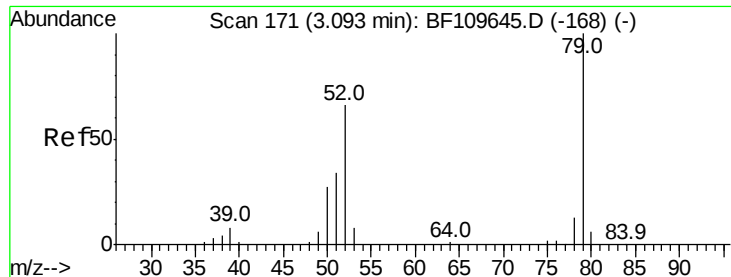
Abundance

Ion 88.00 (87.70 to 88.70): BF1

Ion 58.00 (57.70 to 58.70): BF1

Ion 43.00 (42.70 to 43.70): BF1





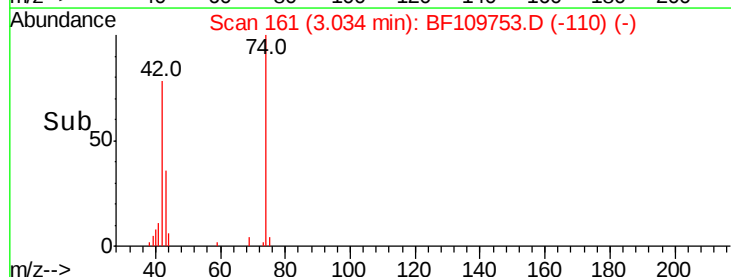
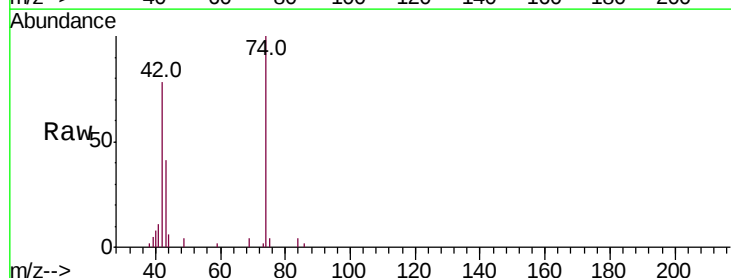
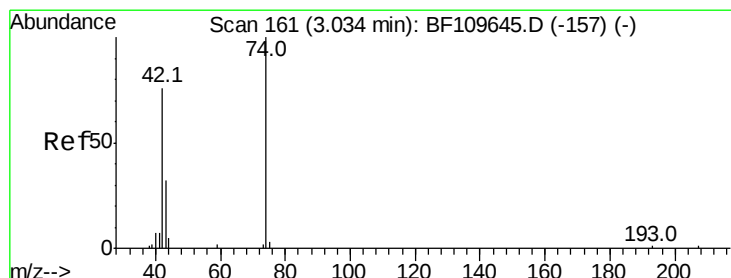
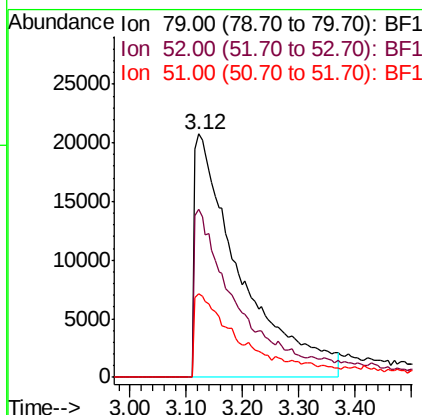
#3
 Pvridine
 Concen: 26.444 ng
 RT: 3.12 min Scan# 176
 Delta R.T. 0.03 min
 Lab File: BF109753.D
 Acq: 10 Oct 2018 20:16

Tot Ion	Ratio	Lower	Upper
79	100		
52	68.9	53.1	79.7
51	34.3	27.4	41.2

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 RBR200035MS

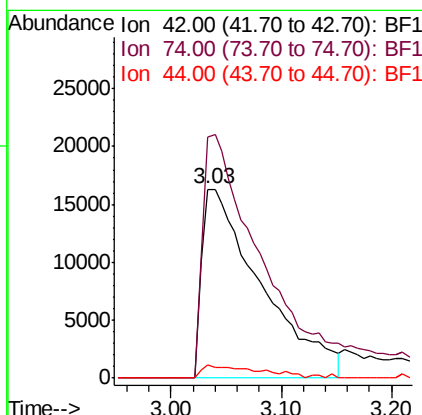
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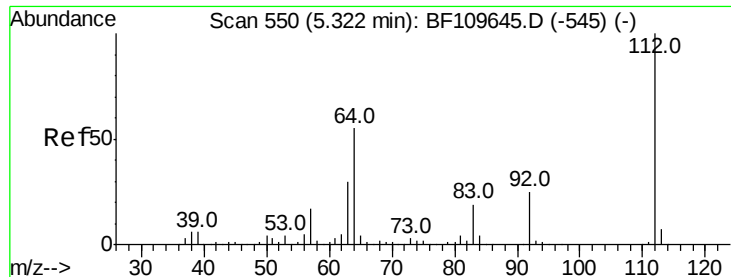
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#4
 n-Nitrosodimethylamine
 Concen: 37.736 ng
 RT: 3.03 min Scan# 161
 Delta R.T. -0.00 min
 Lab File: BF109753.D
 Acq: 10 Oct 2018 20:16

Tgt Ion	Ratio	Lower	Upper
42	100		
74	127.7	105.5	158.3
44	7.1	4.9	7.3





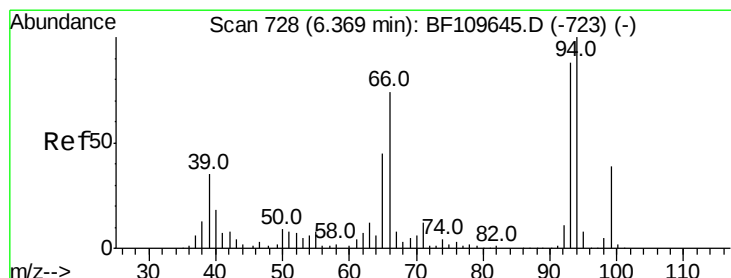
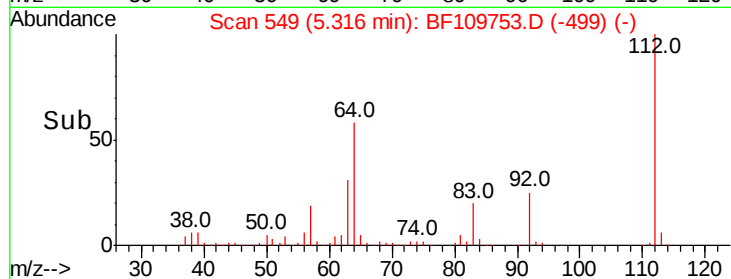
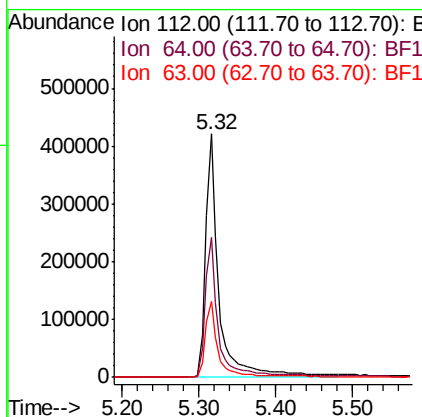
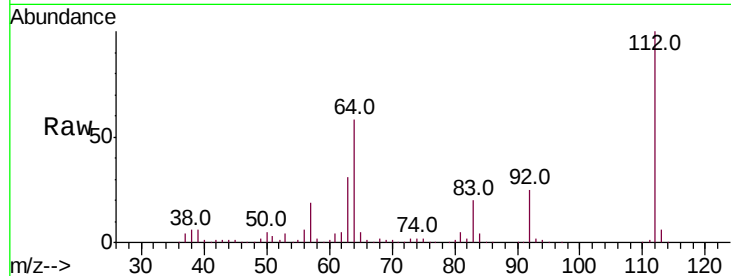
#5
2-Fluorophenol
Concen: 125.447 ng
RT: 5.32 min Scan# 549
Delta R.T. -0.01 min
Lab File: BF109753.D
Acq: 10 Oct 2018 20:16

Instrument :
BNA_F
ClientSampleId :
RBR200035MS

Tot Ion	Ratio	Resp	Lower	Upper
112	100	514643		
64	57.6		44.1	66.1
63	31.1		23.7	35.5

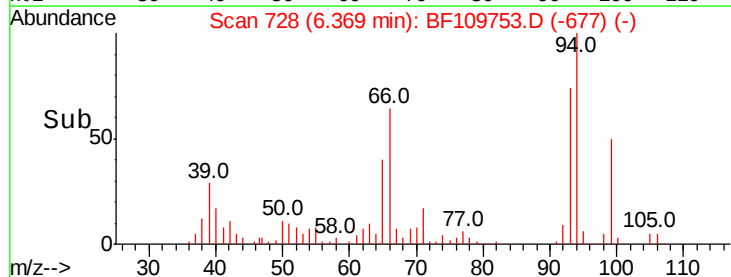
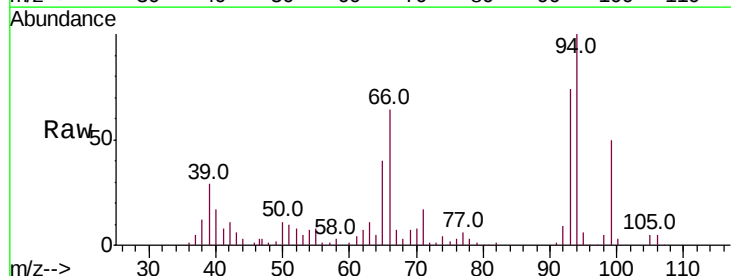
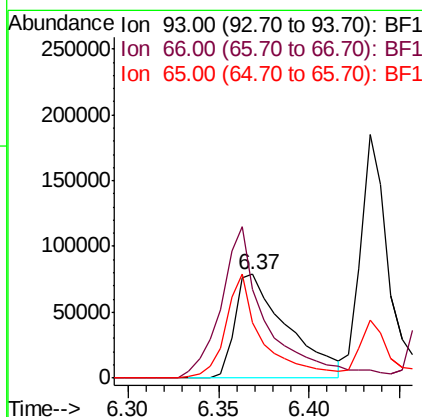
Manual Integrations
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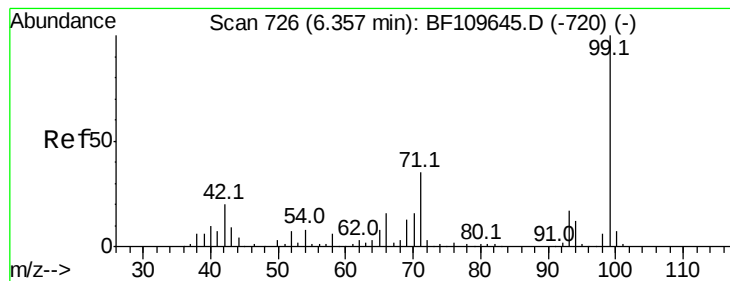
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#6
Aniline
Concen: 24.804 ng
RT: 6.37 min Scan# 728
Delta R.T. -0.00 min
Lab File: BF109753.D
Acq: 10 Oct 2018 20:16

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	158353		
66	86.1		67.4	101.0
65	53.8		41.0	61.4





#7

Phenol-d6

Concen: 127.885 ng

RT: 6.35 min Scan# 725

Delta R.T. -0.01 min

Lab File: BF109753.D

Acq: 10 Oct 2018 20:16

Instrument :

BNA_F

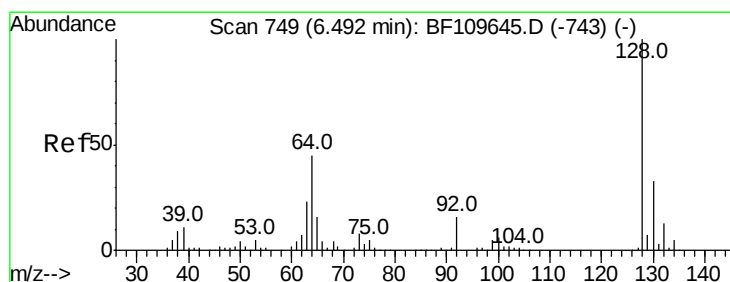
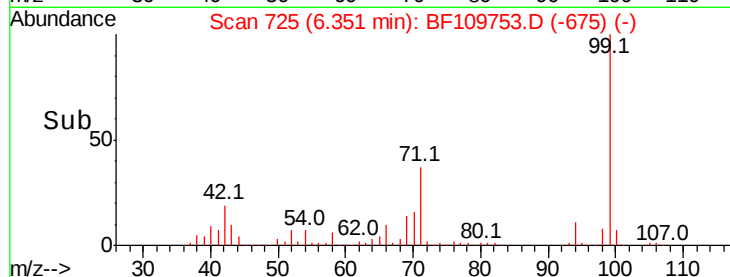
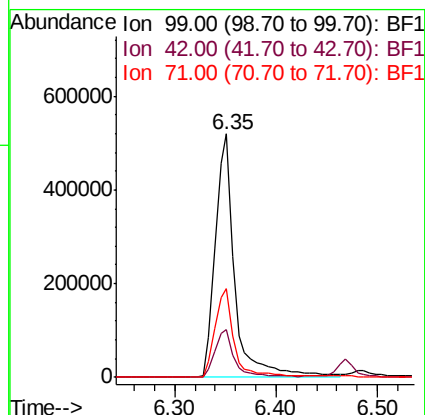
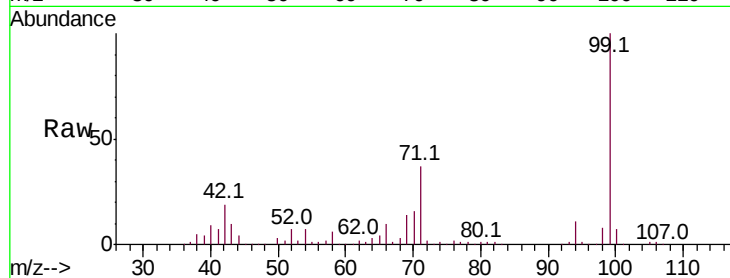
ClientSampleId :

RBR200035MS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
99	100		700865		
42	19.5	15.8	23.6		
71	36.7	28.0	42.0		

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#8

2-Chlorophenol

Concen: 43.729 ng

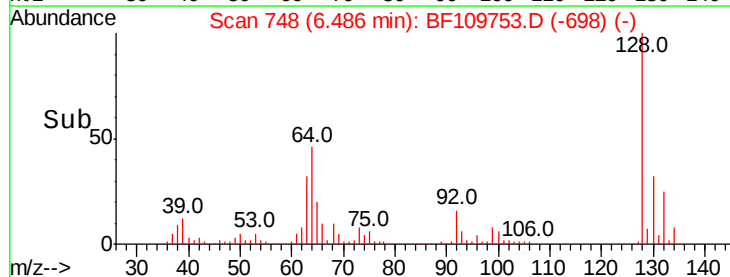
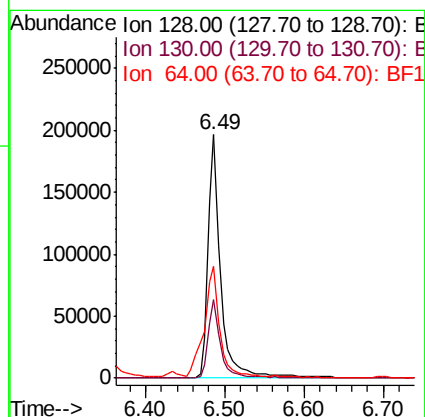
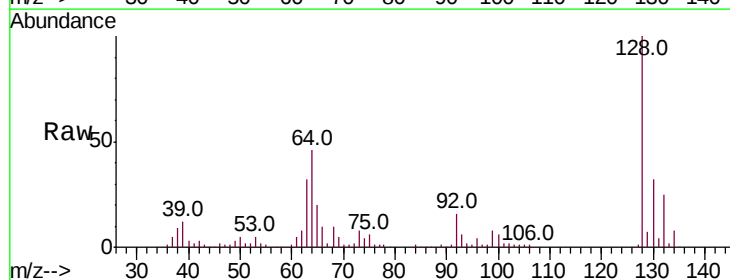
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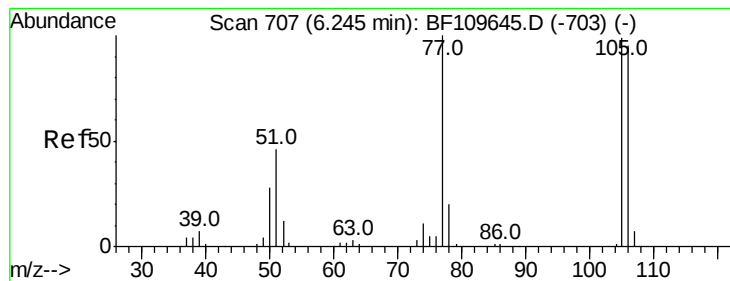
Delta R.T. -0.01 min

Lab File: BF109753.D

Acq: 10 Oct 2018 20:16

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
128	100		220631		
130	32.2	13.1	53.1		
64	45.8	26.0	66.0		





#9

Benzaldehyde

Concen: 28.403 ng

RT: 6.25 min Scan# 707

Delta R.T. -0.00 min

Lab File: BF109753.D

Acq: 10 Oct 2018 20:16

Instrument :

BNA_F

ClientSampleId :

RBR200035MS

Tot Ion: 77 Resp: 100166

Ion Ratio Lower Upper

77 100

105 103.6 78.6 118.6

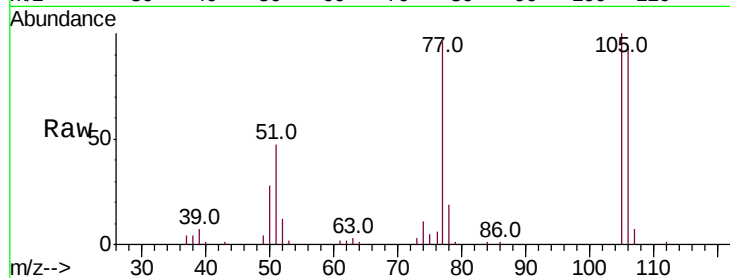
106 97.7 74.8 114.8

Manual Integrations

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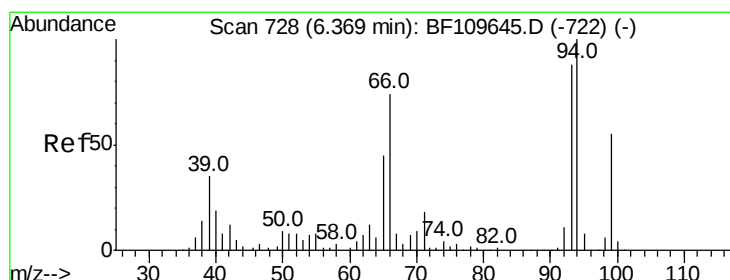
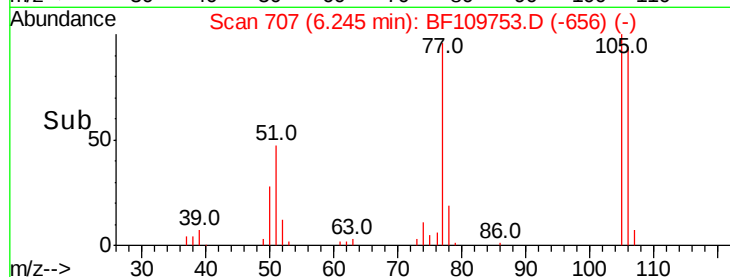
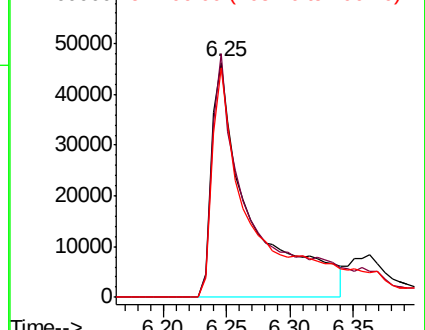
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Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 106.00 (105.70 to 106.70): BF1



#10

Phenol

Concen: 42.899 ng

RT: 6.36 min Scan# 727

Delta R.T. -0.01 min

Lab File: BF109753.D

Acq: 10 Oct 2018 20:16

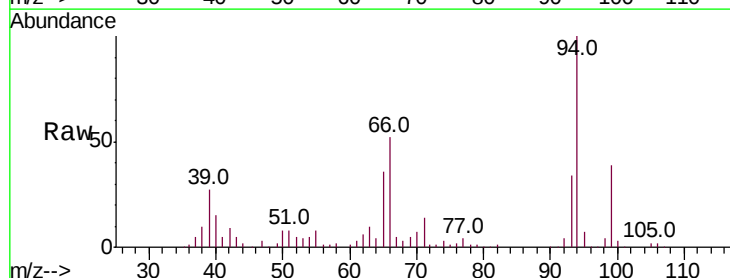
Tgt Ion: 94 Resp: 269592

Ion Ratio Lower Upper

94 100

65 35.7 25.3 65.3

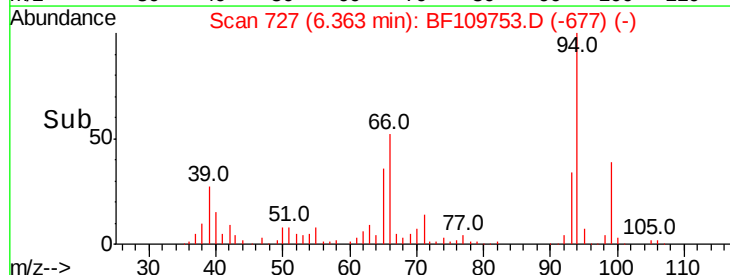
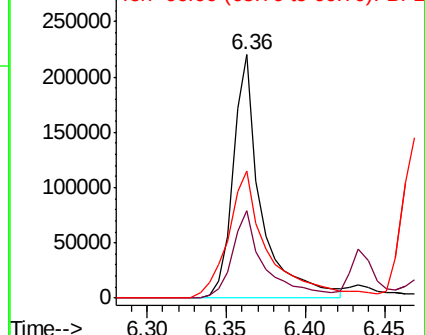
66 52.0 54.5 94.5#

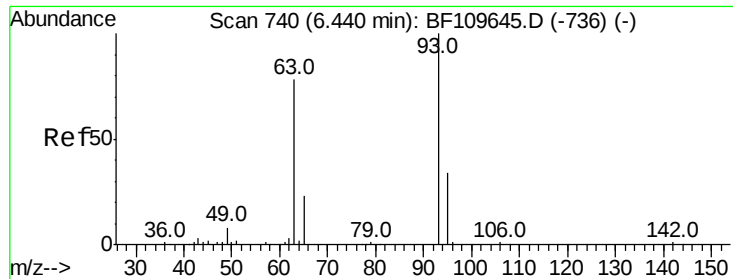


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1





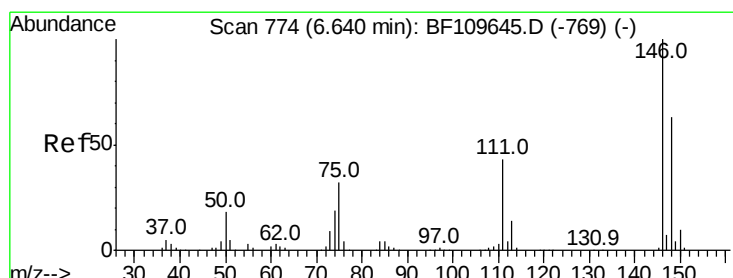
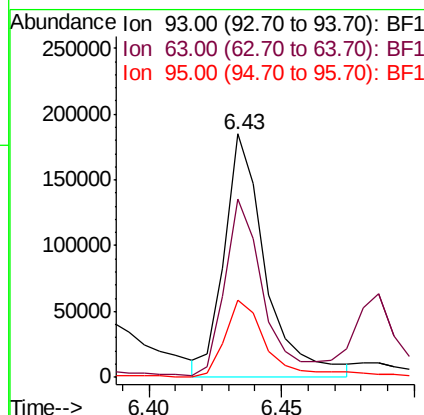
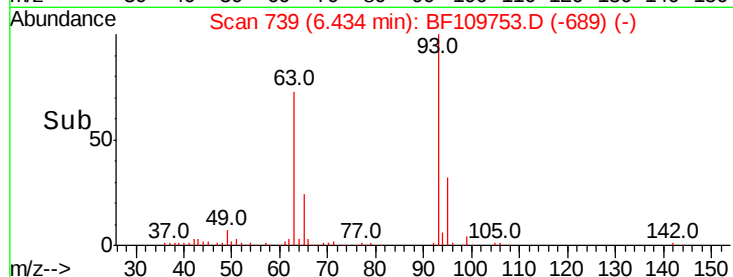
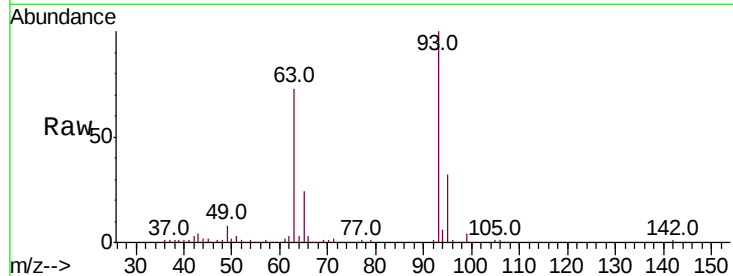
#11
bis(2-Chloroethyl)ether
Concen: 39.021 ng/ml
RT: 6.43 min Scan# 739
Delta R.T. -0.01 min
Lab File: BF109753.D
Acq: 10 Oct 2018 20:16

Instrument :
BNA_F
ClientSampleId :
RBR200035MS

Tot Ion:	93	Resp:	203300
Ion Ratio	Lower	Upper	
93	100		
63	73.3	53.4	93.4
95	31.6	12.1	52.1

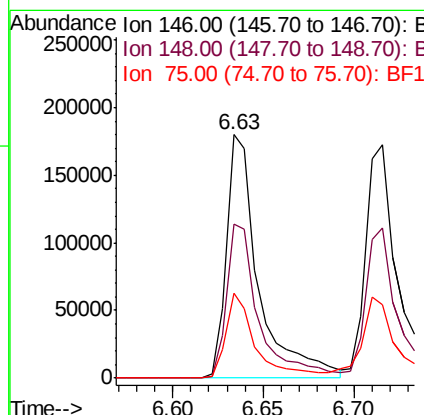
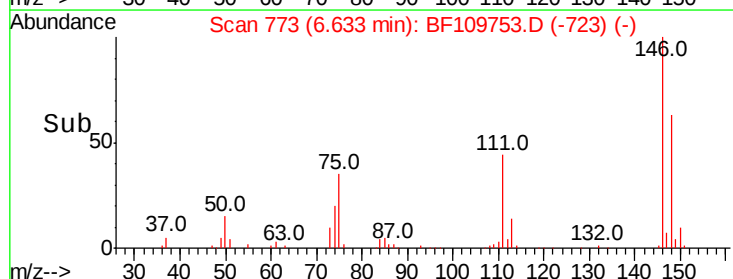
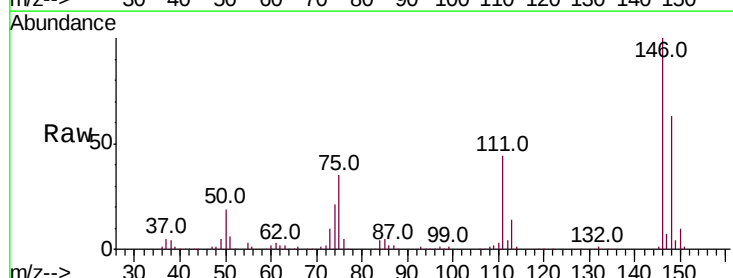
Manual Integrations
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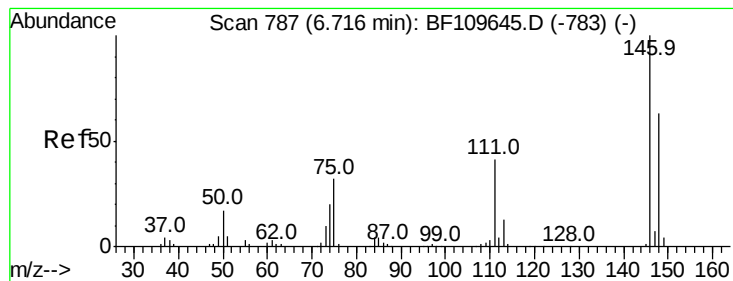
Sohil
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#12
1,3-Dichlorobenzene
Concen: 38.611 ng/ml
RT: 6.63 min Scan# 773
Delta R.T. -0.01 min
Lab File: BF109753.D
Acq: 10 Oct 2018 20:16

Tgt Ion:	146	Resp:	222812
Ion Ratio	Lower	Upper	
146	100		
148	63.1	50.4	75.6
75	34.9	25.8	38.6





#13

1,4-Dichlorobenzene

Concen: 39.831 ng

RT: 6.72 min Scan# 787

Delta R.T. -0.00 min

Lab File: BF109753.D

Acq: 10 Oct 2018 20:16

Instrument :

BNA_F

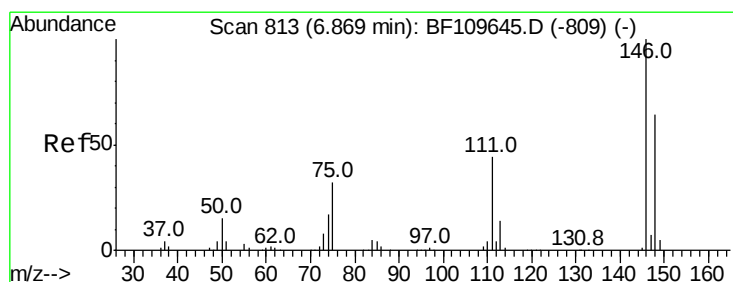
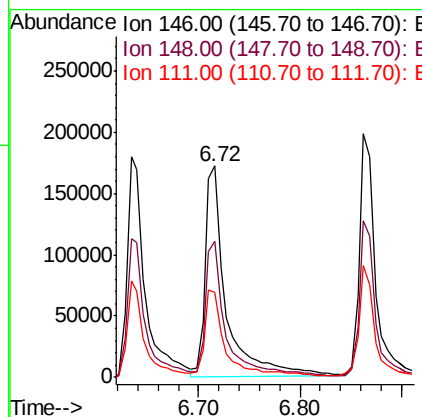
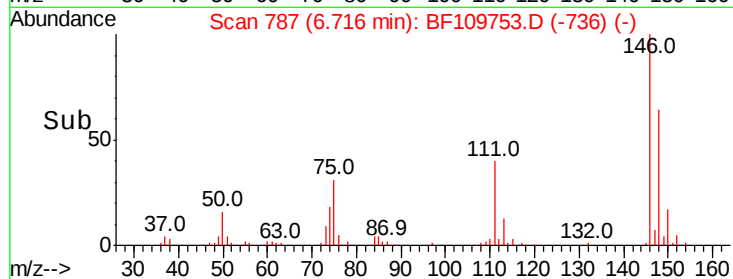
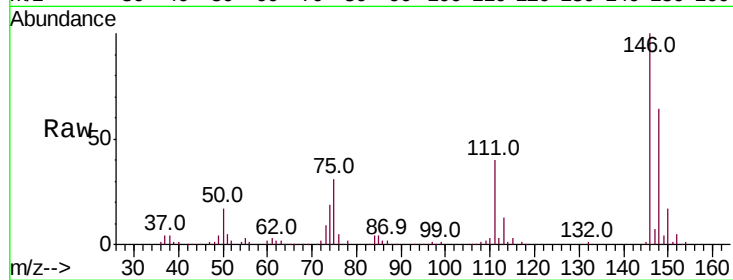
ClientSampleId :

RBR200035MS

Tot Ion:	146	Resp:	250558
Ion Ratio	Lower	Upper	
146	100		
148	64.2	50.3	75.5
111	40.3	32.7	49.1

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#14

1,2-Dichlorobenzene

Concen: 41.301 ng

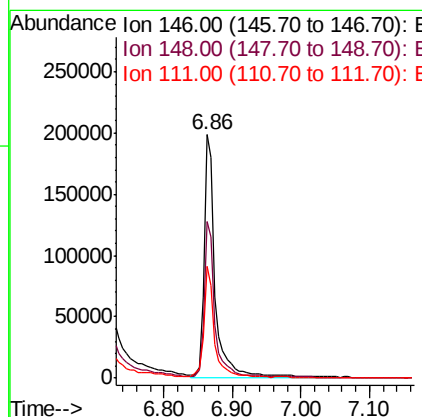
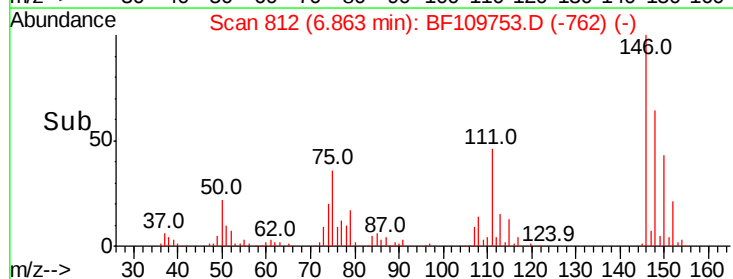
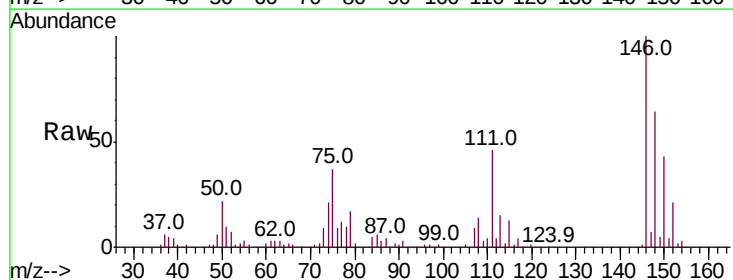
RT: 6.86 min Scan# 812

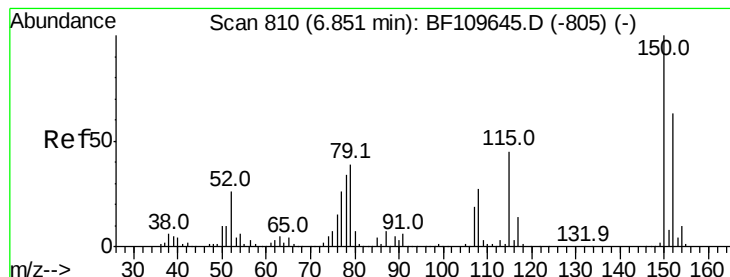
Delta R.T. -0.01 min

Lab File: BF109753.D

Acq: 10 Oct 2018 20:16

Tgt Ion:	146	Resp:	228165
Ion Ratio	Lower	Upper	
146	100		
148	64.1	51.1	76.7
111	46.2	35.8	53.6





#15

Benzyl Alcohol

Concen: 43.015 ng

RT: 6.85 min Scan# 809

Delta R.T. -0.01 min

Lab File: BF109753.D

Acq: 10 Oct 2018 20:16

Instrument :

BNA_F

ClientSampleId :

RBR200035MS

Tot Ion: 79 Resp: 174767

Ion Ratio Lower Upper

79 100

108 69.5 56.3 84.5

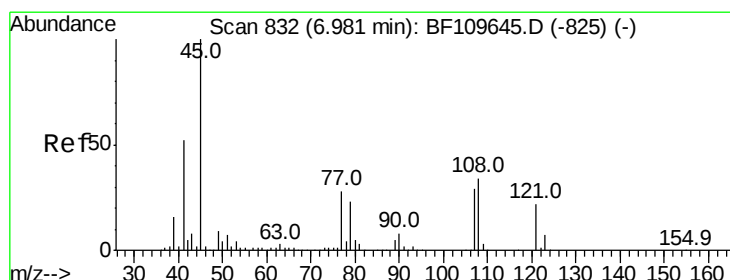
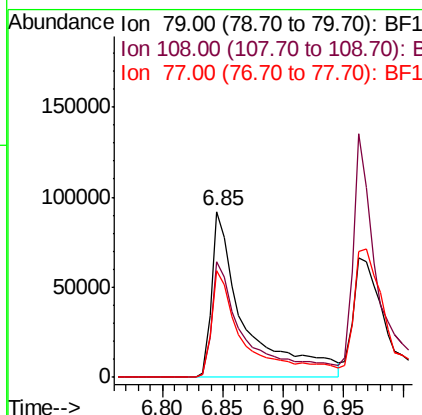
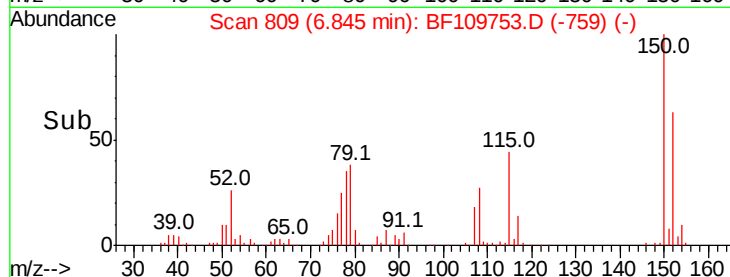
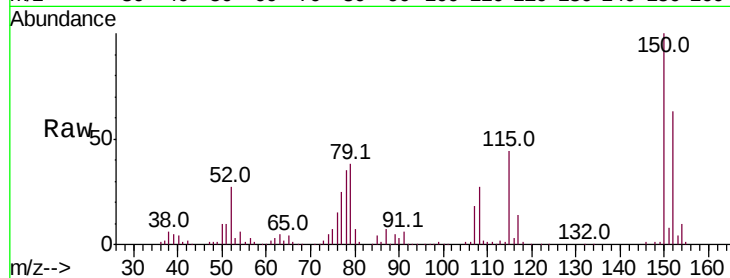
77 64.8 52.9 79.3

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#16

2,2'-oxybis(1-Chloropropane)

Concen: 40.828 ng

RT: 6.97 min Scan# 831

Delta R.T. -0.01 min

Lab File: BF109753.D

Acq: 10 Oct 2018 20:16

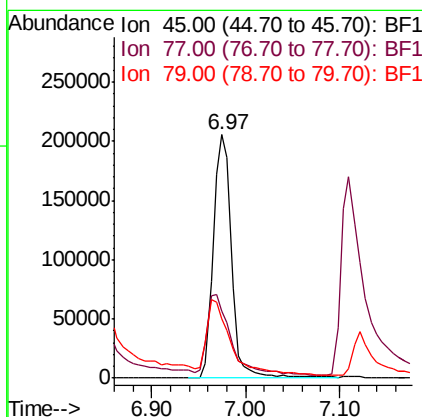
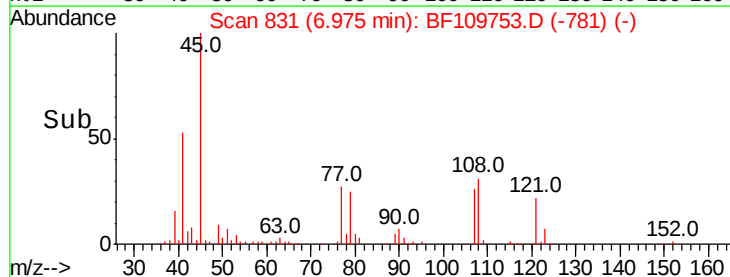
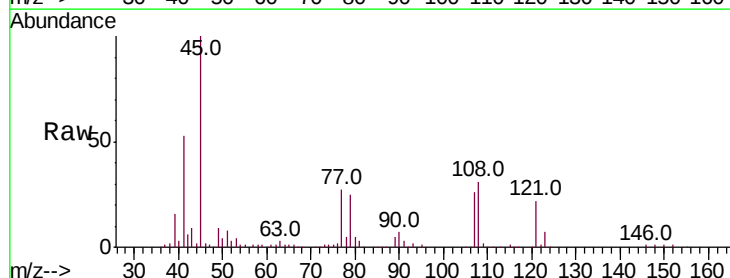
Tgt Ion: 45 Resp: 282057

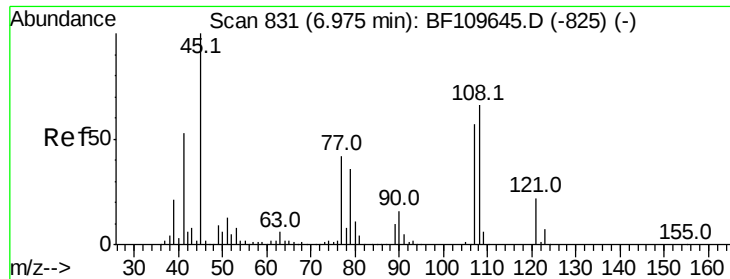
Ion Ratio Lower Upper

45 100

77 27.5 10.0 50.0

79 24.5 6.1 46.1





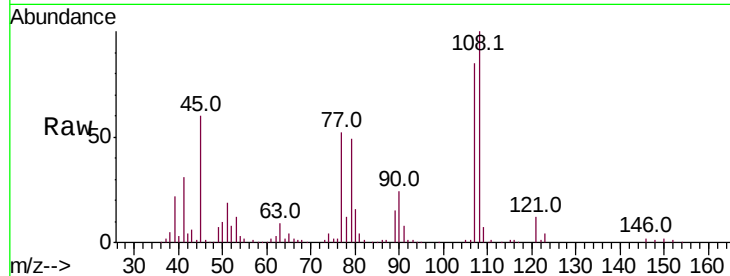
#17
2-Methylphenol
Concen: 42.565 ng
RT: 6.96 min Scan# 829
Delta R.T. -0.01 min
Lab File: BF109753.D
Acq: 10 Oct 2018 20:16

Instrument :
BNA_F
ClientSampleId :
RBR200035MS

Tot Ion	107	Resp	169832
Ion Ratio	Lower	Upper	
107	100		
108	117.1	92.6	138.8
77	60.7	59.4	89.2
79	57.4	54.0	81.0

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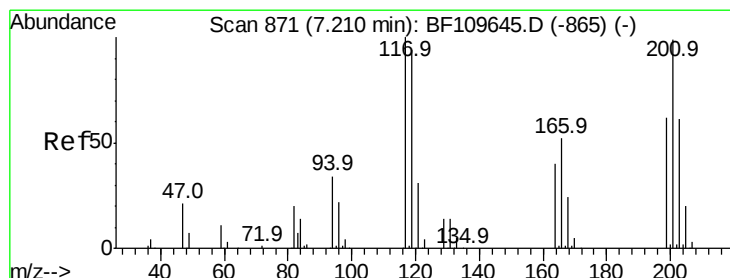
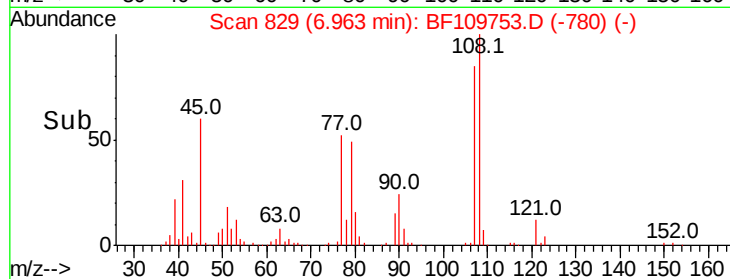
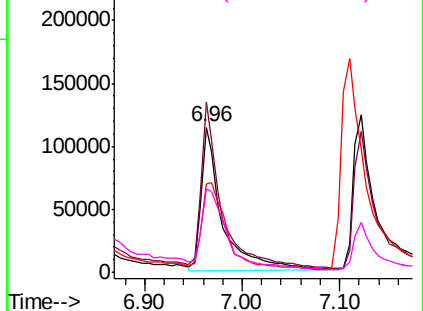
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1



#18
Hexachloroethane
Concen: 39.927 ng
RT: 7.20 min Scan# 870
Delta R.T. -0.01 min
Lab File: BF109753.D
Acq: 10 Oct 2018 20:16

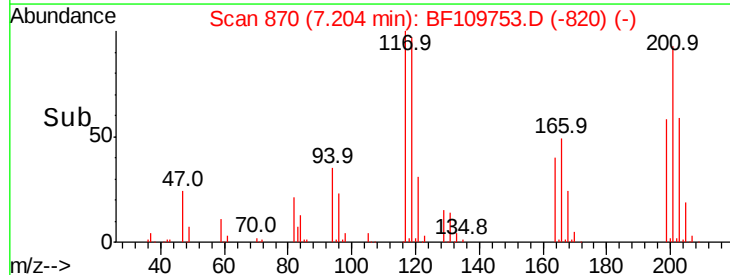
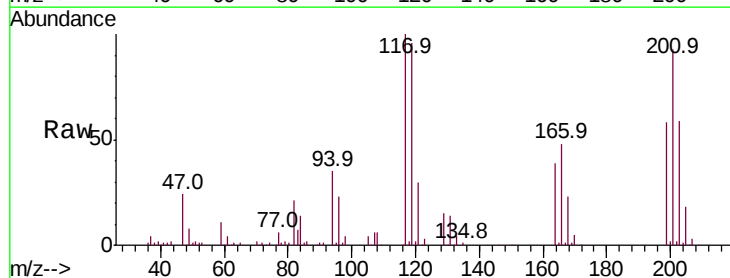
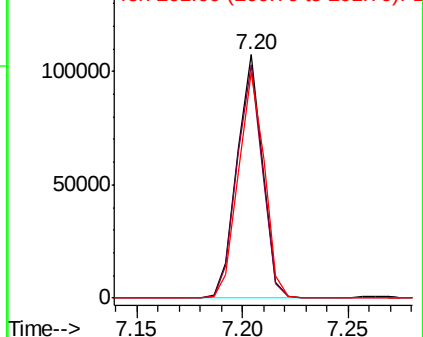
Tgt Ion	117	Resp	88777
Ion Ratio	Lower	Upper	
117	100		
119	95.9	75.0	112.6
201	92.7	79.2	118.8

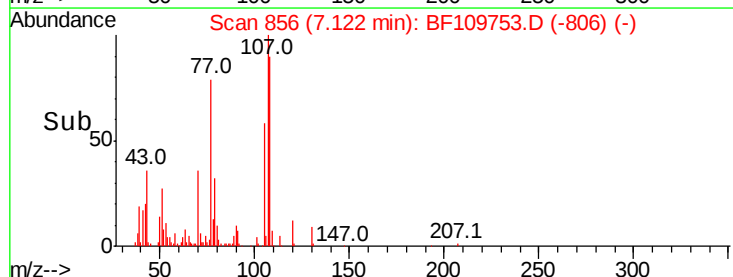
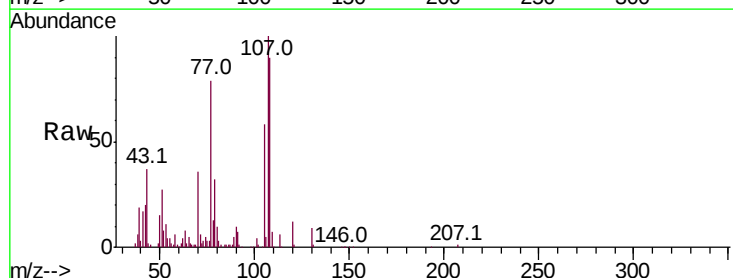
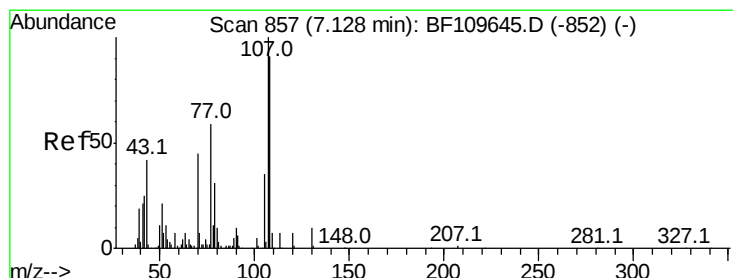
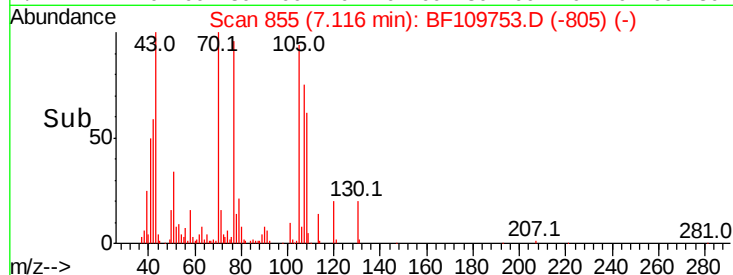
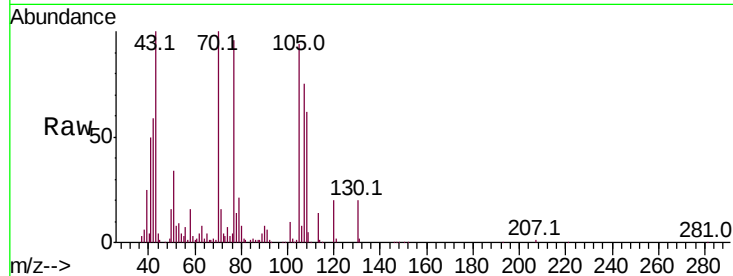
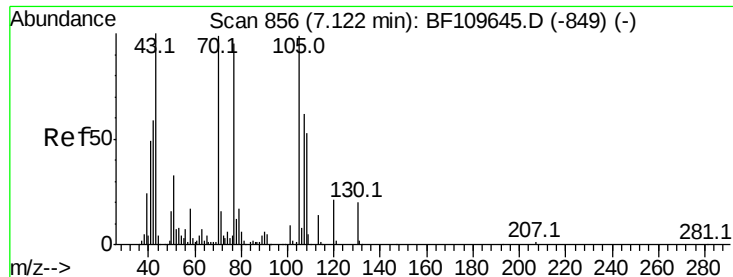
Abundance

Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E





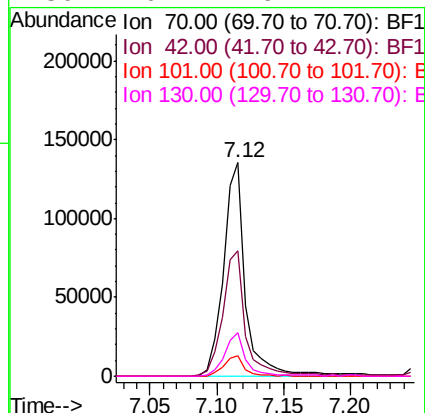
#19
n-Nitroso-di-n-propylamine
Concen: 40.858 ng
RT: 7.12 min Scan# 855
Delta R.T. -0.01 min
Lab File: BF109753.D
Acq: 10 Oct 2018 20:16

Instrument :
BNA_F
ClientSampleId :
RBR200035MS

Tot Ion	Ion	Ratio	Lower	Upper
70	100			
42	58.6	47.4	71.2	
101	9.6	7.3	10.9	
130	20.4	16.2	24.2	

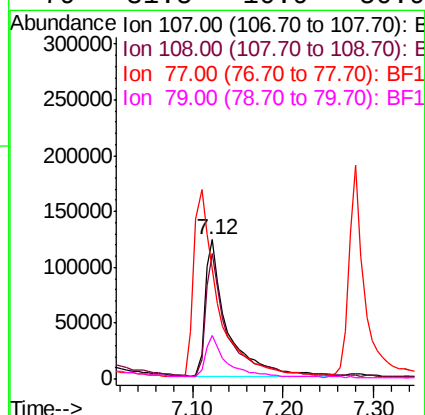
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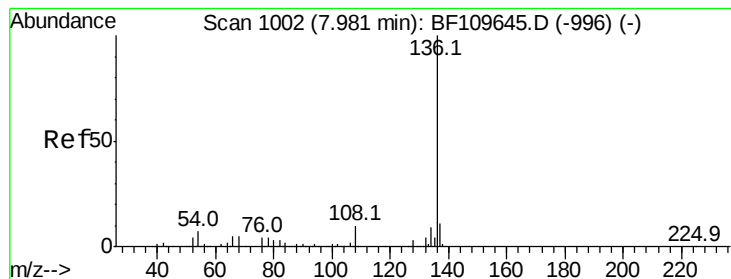
Sohil
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#20
3+4-Methylphenols
Concen: 42.531 ng
RT: 7.12 min Scan# 856
Delta R.T. -0.01 min
Lab File: BF109753.D
Acq: 10 Oct 2018 20:16

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	90.1	71.4	111.4	
77	78.7	47.3	87.3	
79	31.5	10.9	50.9	





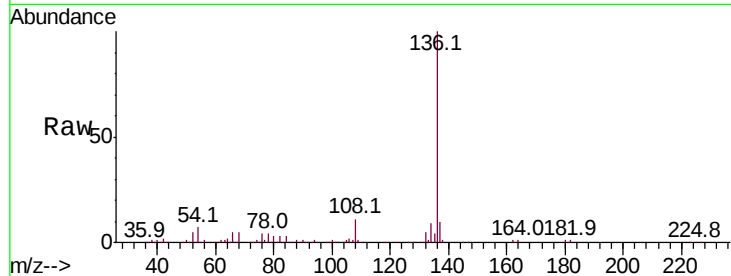
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.97 min Scan# 1001
Delta R.T. -0.01 min
Lab File: BF109753.D
Acq: 10 Oct 2018 20:16

Instrument :
BNA_F
ClientSampleId :
RBR200035MS

Tot Ion	Ratio	Resp	Lower	Upper
136	100	296061		
137	10.4		8.8	13.2
54	7.2		5.4	8.2
68	5.3		4.2	6.2

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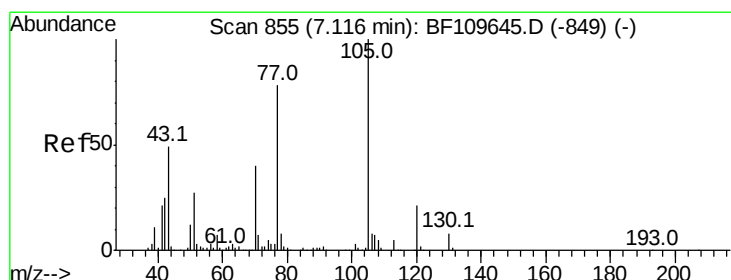
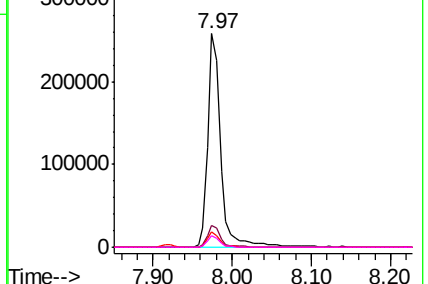
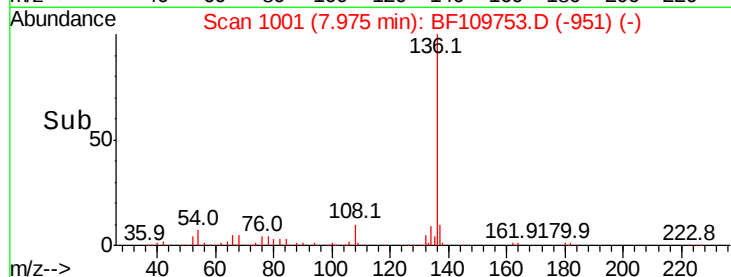
Abundance

Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

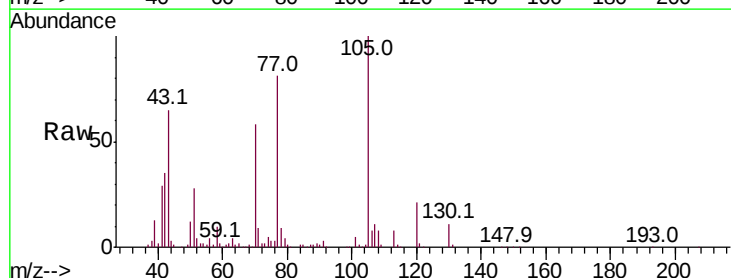
Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



#22
Acetophenone
Concen: 44.776 ng
RT: 7.11 min Scan# 854
Delta R.T. -0.01 min
Lab File: BF109753.D
Acq: 10 Oct 2018 20:16

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	320567		
71	9.2		5.2	7.8#
51	28.2		21.8	32.8
120	21.4		17.0	25.4



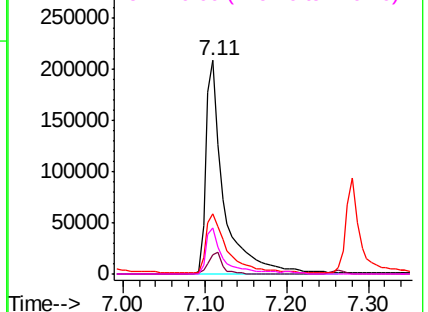
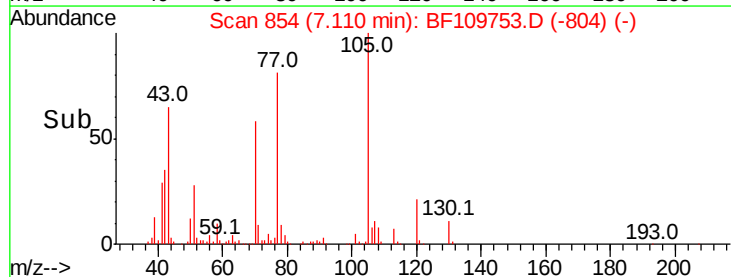
Abundance

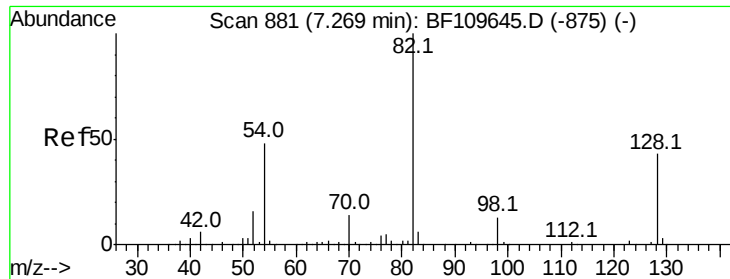
Ion 105.00 (104.70 to 105.70): E

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





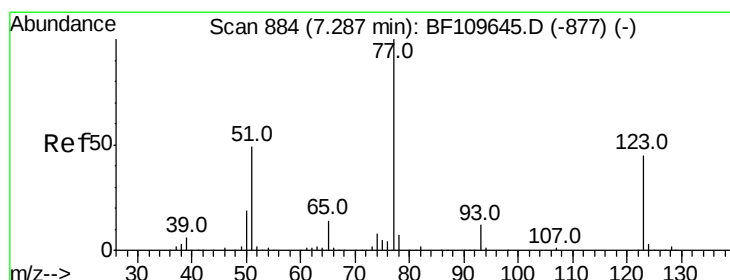
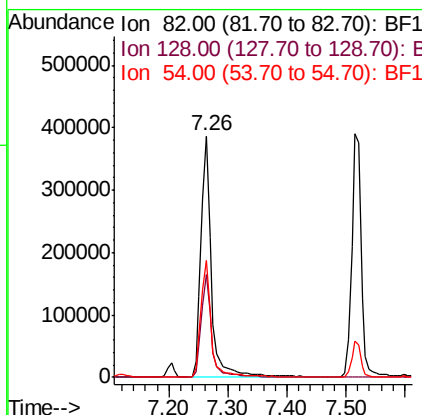
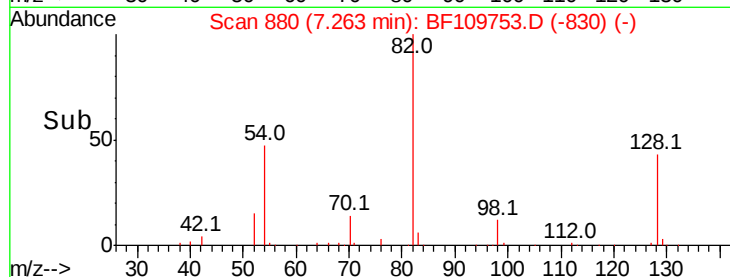
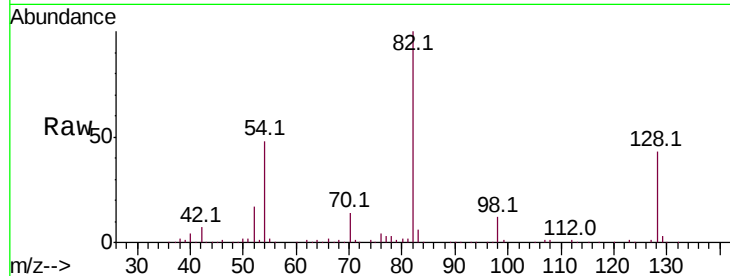
#23
 Nitrobenzene-d5
 Concen: 88.570 ng
 RT: 7.26 min Scan# 880
 Delta R.T. -0.01 min
 Lab File: BF109753.D
 Acq: 10 Oct 2018 20:16

Instrument :
 BNA_F
 ClientSampleId :
 RBR200035MS

Tot Ion	Ratio	Lower	Upper
82	100		
128	42.8	34.2	51.2
54	48.2	38.6	58.0

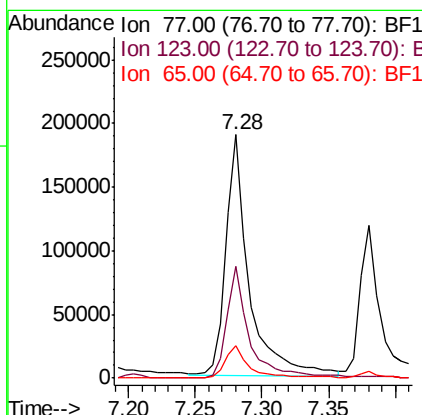
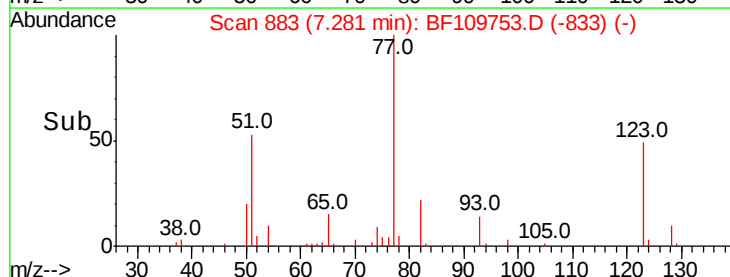
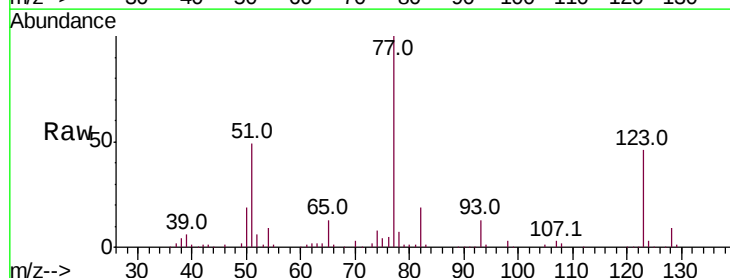
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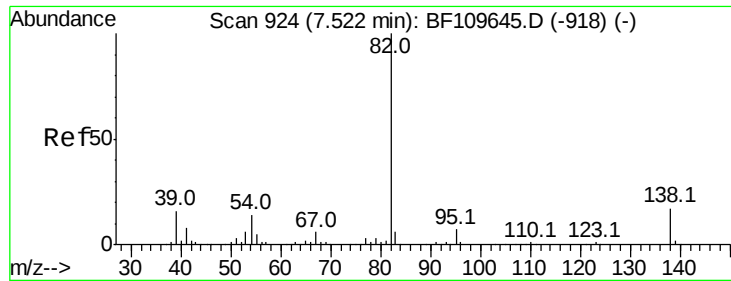
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 10/11/2018 2:02:46 PM



#24
 Nitrobenzene
 Concen: 41.787 ng
 RT: 7.28 min Scan# 883
 Delta R.T. -0.01 min
 Lab File: BF109753.D
 Acq: 10 Oct 2018 20:16

Tgt Ion	Ratio	Lower	Upper
77	100		
123	46.0	35.7	53.5
65	13.5	10.7	16.1





#25

Isophorone

Concen: 48.996 ng

RT: 7.52 min Scan# 923

Delta R.T. -0.01 min

Lab File: BF109753.D

Acq: 10 Oct 2018 20:16

Instrument :

BNA_F

ClientSampleId :

RBR200035MS

Tot Ion: 82 Resp: 436978

Ion Ratio Lower Upper

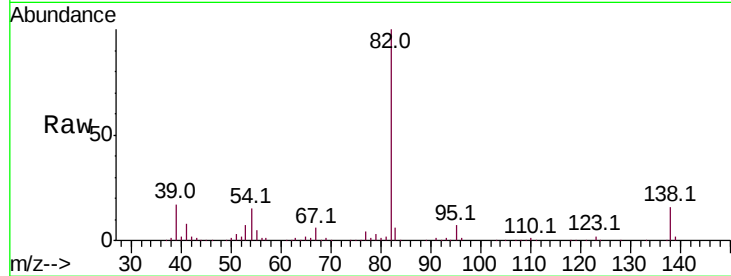
82 100

95 7.4 5.7 8.5

138 16.4 13.2 19.8

Manual Integrations
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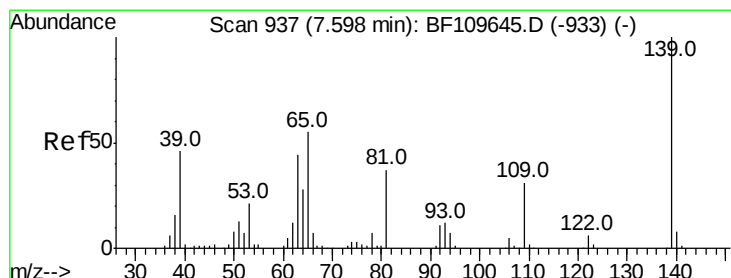
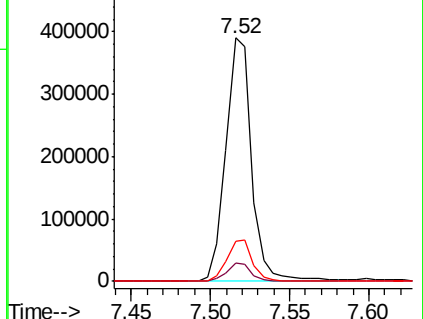
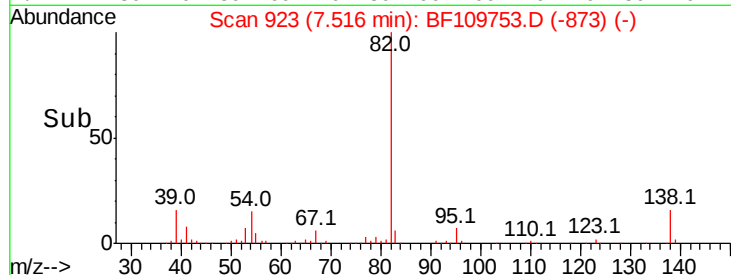


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 138.00 (137.70 to 138.70): BF1

Time-->



#26

2-Nitrophenol

Concen: 42.373 ng

RT: 7.60 min Scan# 937

Delta R.T. -0.00 min

Lab File: BF109753.D

Acq: 10 Oct 2018 20:16

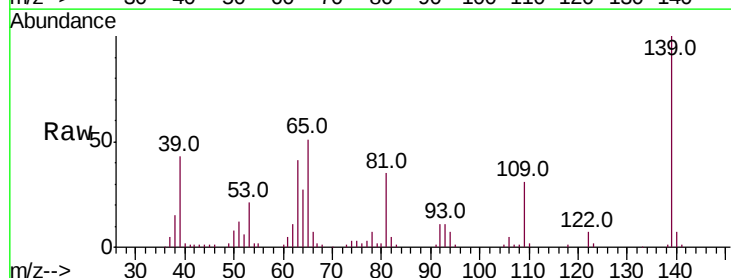
Tgt Ion: 139 Resp: 110767

Ion Ratio Lower Upper

139 100

109 31.4 25.0 37.6

65 51.2 44.0 66.0

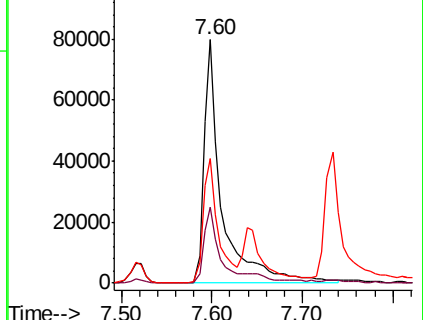
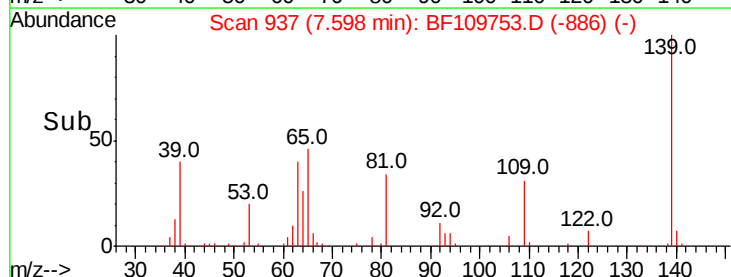


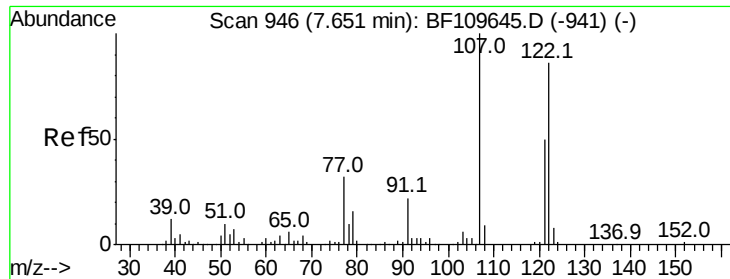
Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF1

Time-->





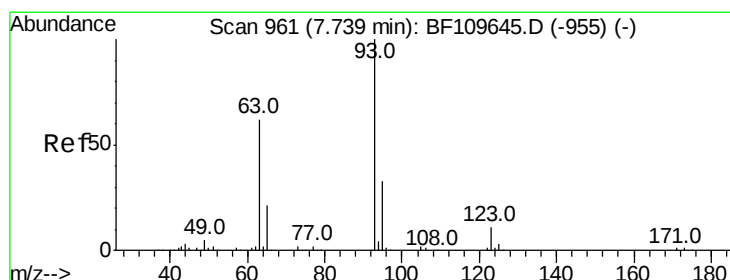
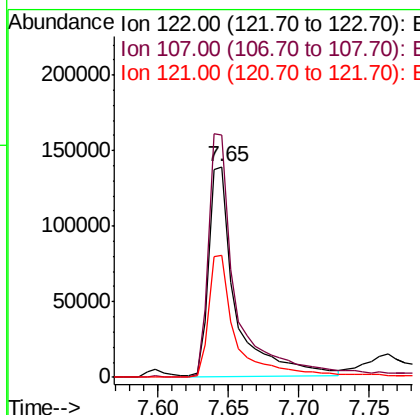
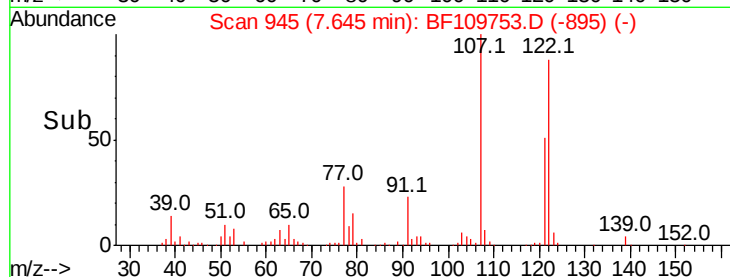
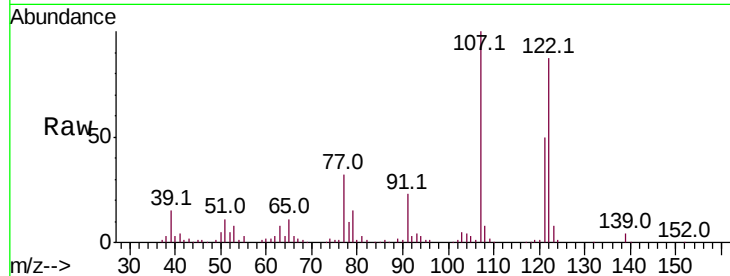
#27
2,4-Dimethylphenol
Concen: 49.422 ng
RT: 7.65 min Scan# 945
Delta R.T. -0.01 min
Lab File: BF109753.D
Acq: 10 Oct 2018 20:16

Instrument :
BNA_F
ClientSampleId :
RBR200035MS

Tot Ion	Ratio	Resp	Lower	Upper
122	100			
107	115.0	92.5	138.7	
121	58.0	45.8	68.8	

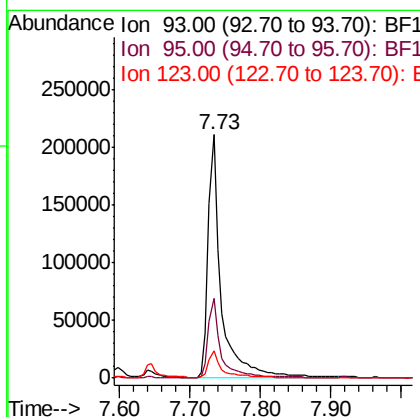
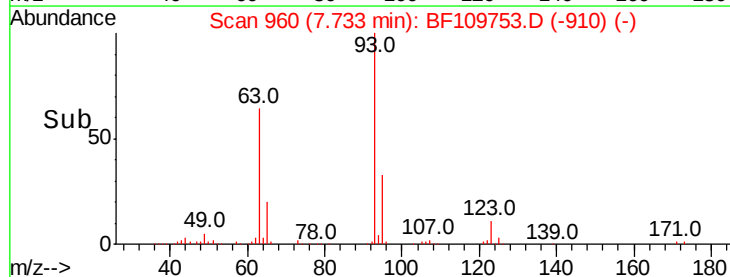
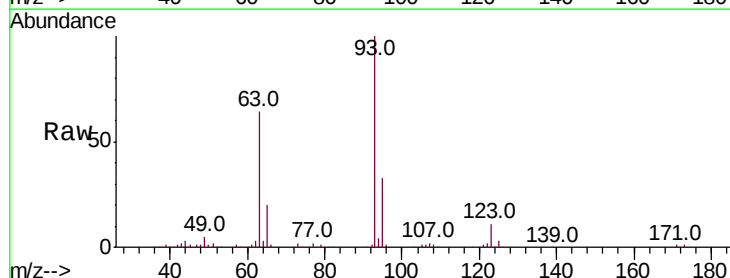
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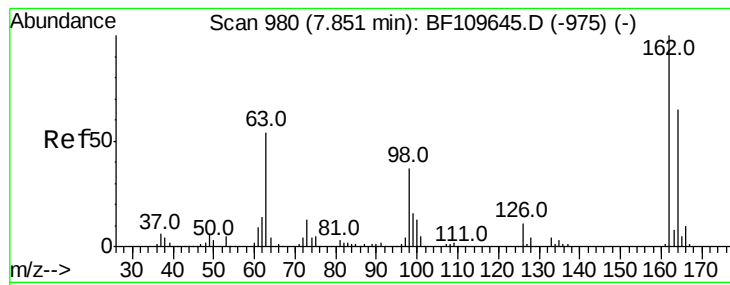
Sohil
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#28
bis(2-Chloroethoxy)methane
Concen: 44.697 ng
RT: 7.73 min Scan# 960
Delta R.T. -0.01 min
Lab File: BF109753.D
Acq: 10 Oct 2018 20:16

Tgt Ion	Ratio	Resp	Lower	Upper
93	100			
95	33.0	26.4	39.6	
123	11.1	9.0	13.6	





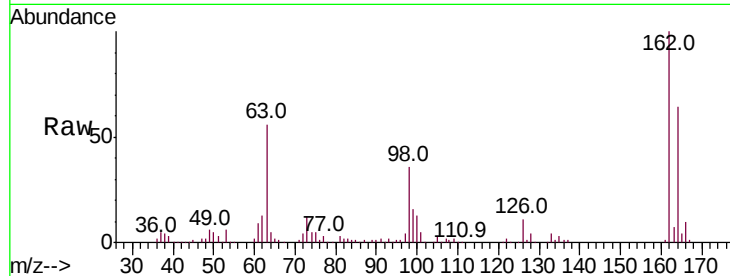
#29
 2,4-Dichlorophenol
 Concen: 45.165 ng
 RT: 7.85 min Scan# 979
 Delta R.T. -0.01 min
 Lab File: BF109753.D
 Acq: 10 Oct 2018 20:16

Instrument :
 BNA_F
 ClientSampleId :
 RBR200035MS

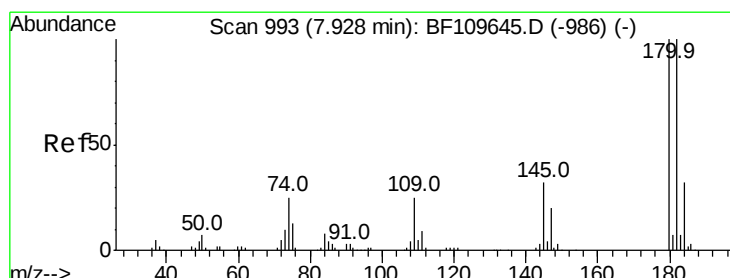
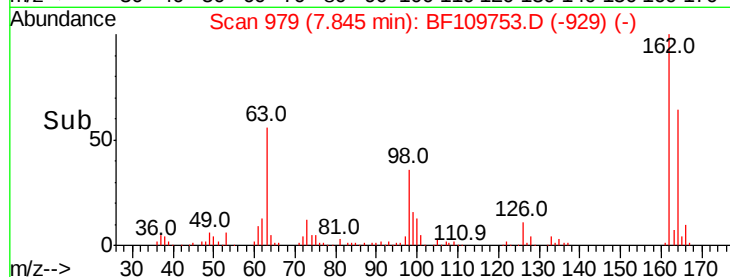
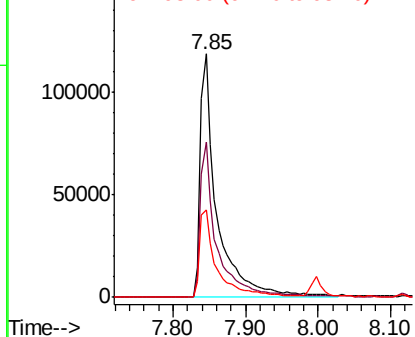
Tot Ion	Ratio	Resp	Lower	Upper
162	100	191236		
164	63.7	44.6	84.6	
98	36.2	17.4	57.4	

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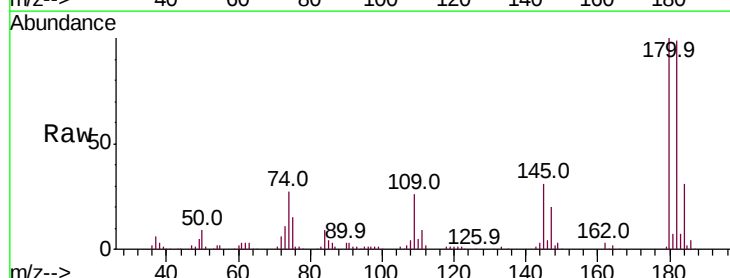


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF1

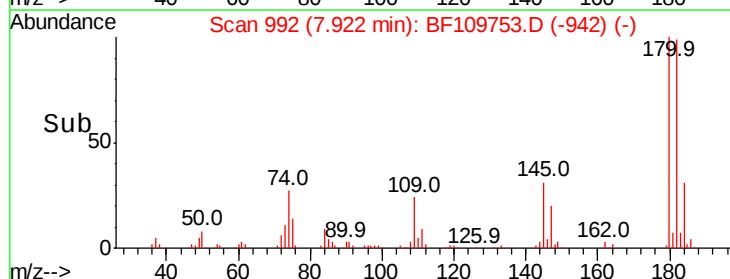
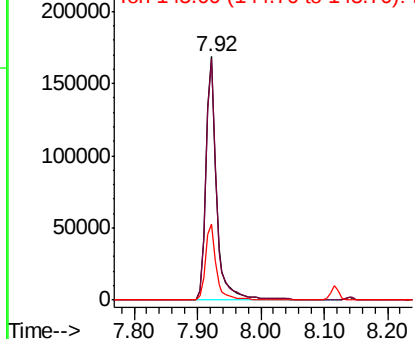


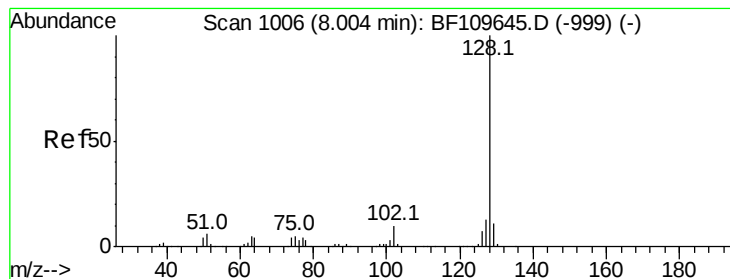
#30
 1,2,4-Trichlorobenzene
 Concen: 41.975 ng
 RT: 7.92 min Scan# 992
 Delta R.T. -0.01 min
 Lab File: BF109753.D
 Acq: 10 Oct 2018 20:16

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	196749		
182	99.0	80.3	120.5	
145	31.0	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: 50.490 ng

RT: 8.00 min Scan# 1005

Delta R.T. -0.01 min

Lab File: BF109753.D

Acq: 10 Oct 2018 20:16

Instrument :

BNA_F

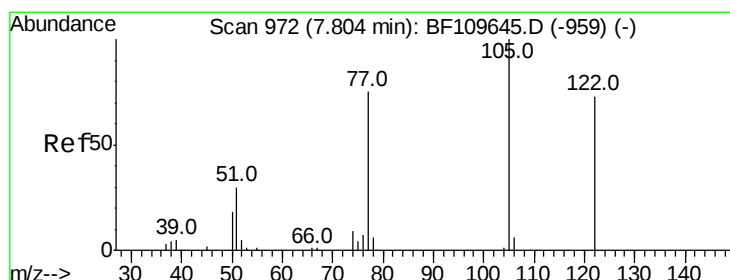
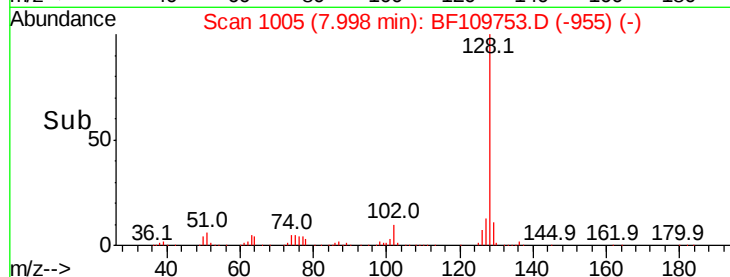
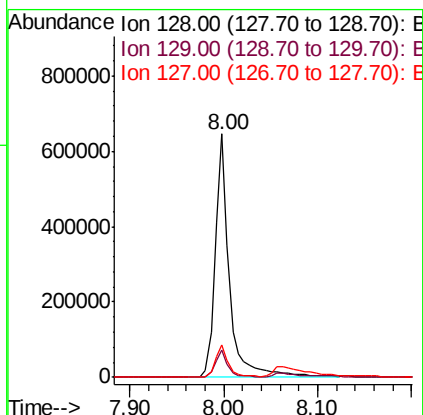
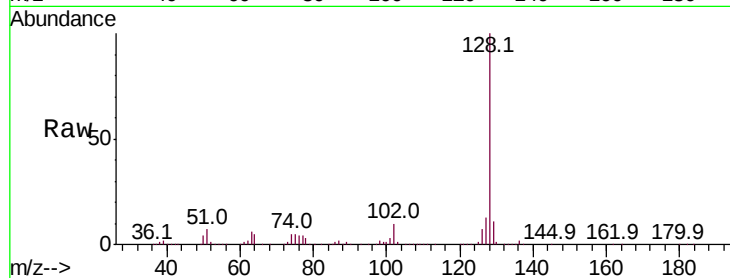
ClientSampleId :

RBR200035MS

Tot Ion:	128	Resp:	691307
Ion Ratio	Lower	Upper	
128	100		
129	11.1	8.8	13.2
127	13.4	10.8	16.2

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#32

Benzoic acid

Concen: 21.667 ng m

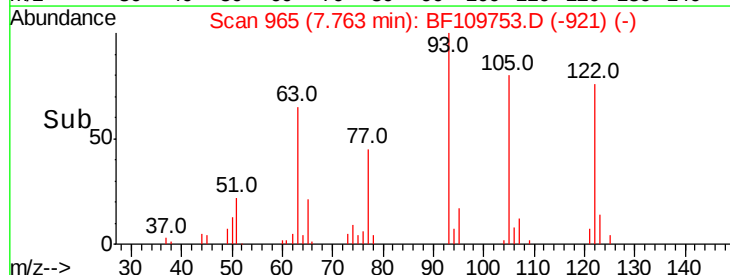
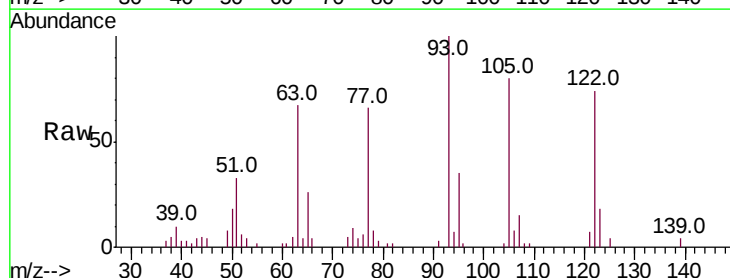
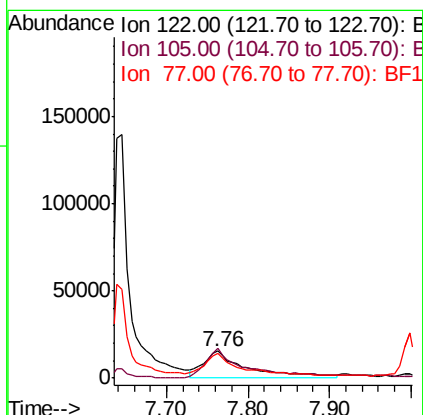
RT: 7.76 min Scan# 965

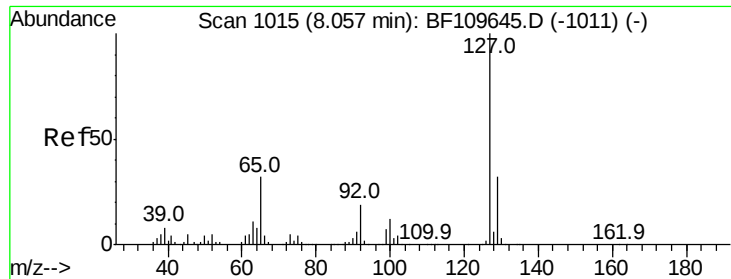
Delta R.T. -0.04 min

Lab File: BF109753.D

Acq: 10 Oct 2018 20:16

Tgt Ion:	122	Resp:	58477
Ion Ratio	Lower	Upper	
122	100		
105	108.1	109.0	149.0#
77	89.5	79.0	119.0





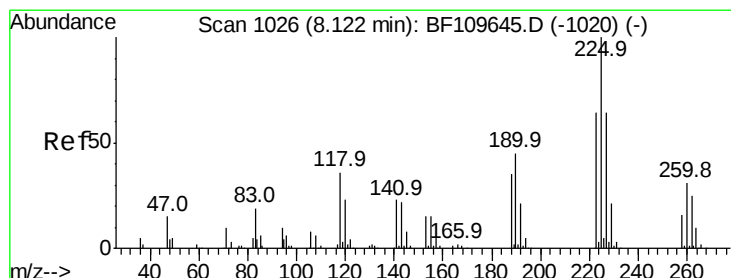
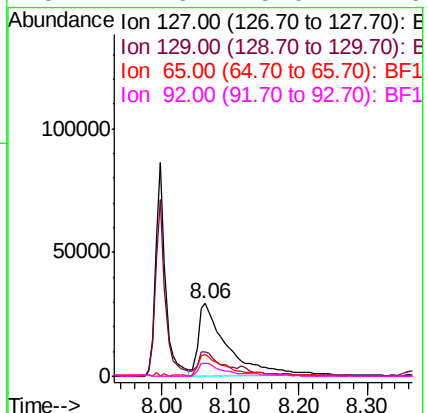
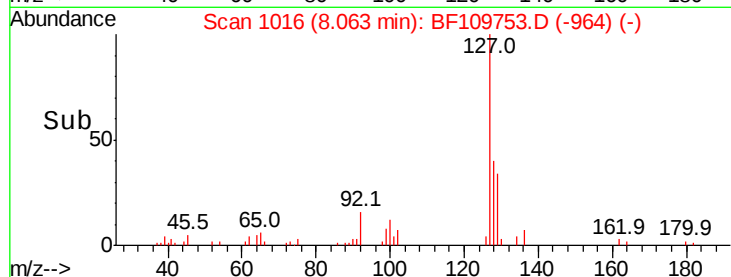
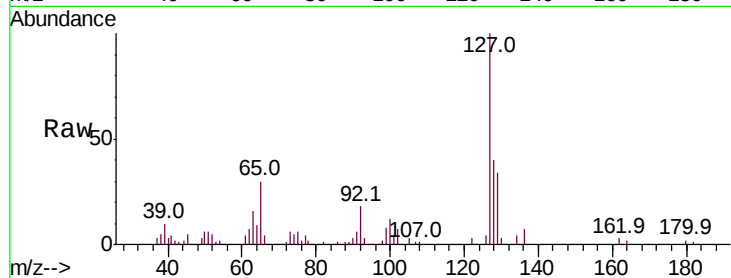
#33
4-Chloroaniline
Concen: 14.301 ng
RT: 8.06 min Scan# 1016
Delta R.T. 0.01 min
Lab File: BF109753.D
Acq: 10 Oct 2018 20:16

Instrument :
BNA_F
ClientSampleId :
RBR200035MS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100				
129	34.4	26.0	39.0		
65	29.8	25.1	37.7		
92	17.6	15.0	22.6		

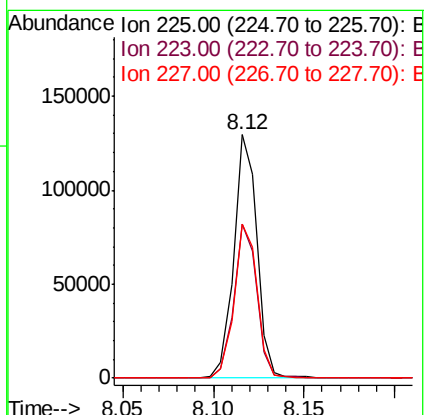
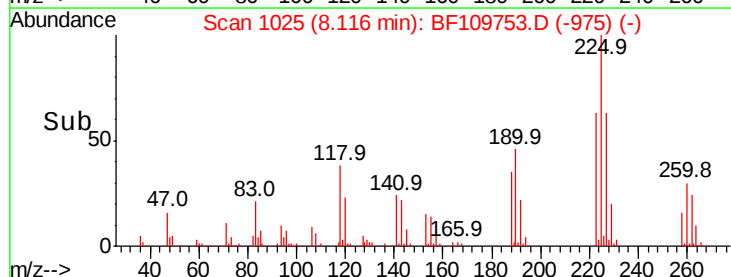
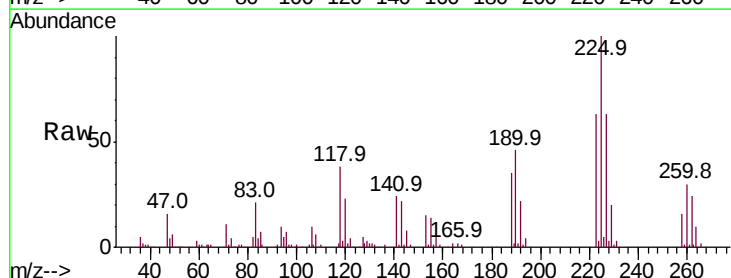
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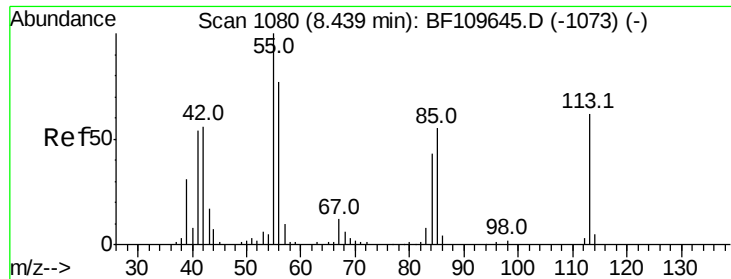
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#34
Hexachlorobutadiene
Concen: 39.506 ng
RT: 8.12 min Scan# 1025
Delta R.T. -0.01 min
Lab File: BF109753.D
Acq: 10 Oct 2018 20:16

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100				
223	63.0	51.4	77.2		
227	63.2	51.0	76.6		





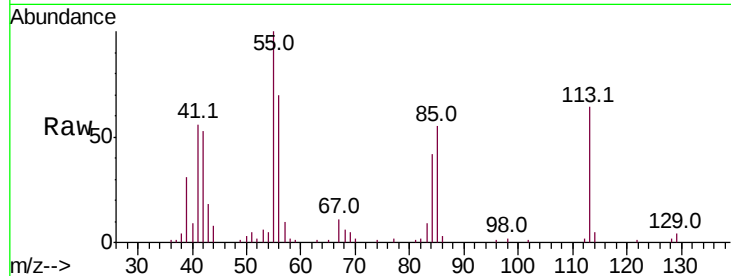
#35
Caprolactam
Concen: 44.015 ng/ml
RT: 8.42 min Scan# 1077
Delta R.T. -0.02 min
Lab File: BF109753.D
Acq: 10 Oct 2018 20:16

Instrument :
BNA_F
ClientSampleId :
RBR200035MS

Tot Ion	Ratio	Lower	Upper
113	100		
55	157.2	142.8	182.8
56	110.0	105.0	145.0

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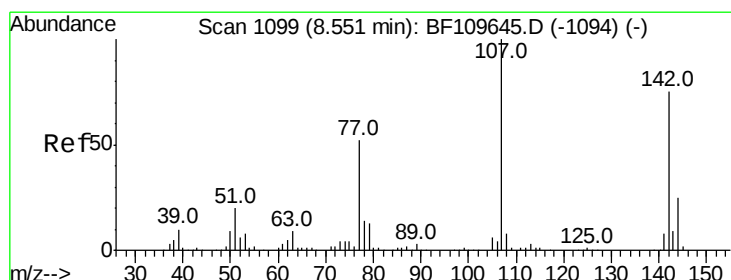
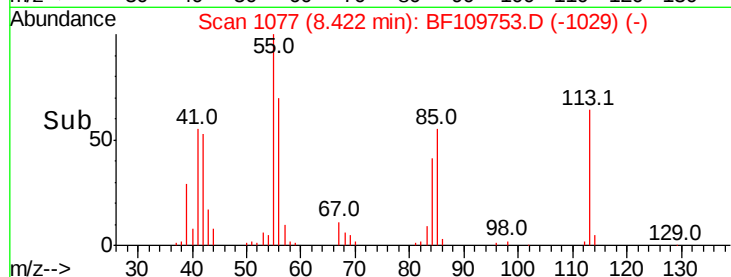
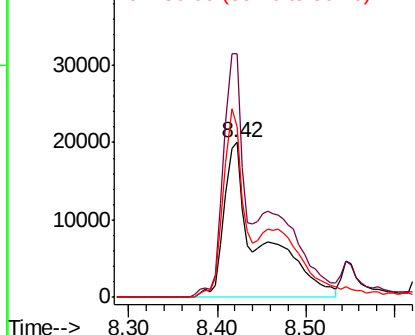


Abundance

Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF1

Ion 56.00 (55.70 to 56.70): BF1



#36
4-Chloro-3-methylphenol
Concen: 46.297 ng/ml
RT: 8.55 min Scan# 1098
Delta R.T. -0.01 min
Lab File: BF109753.D
Acq: 10 Oct 2018 20:16

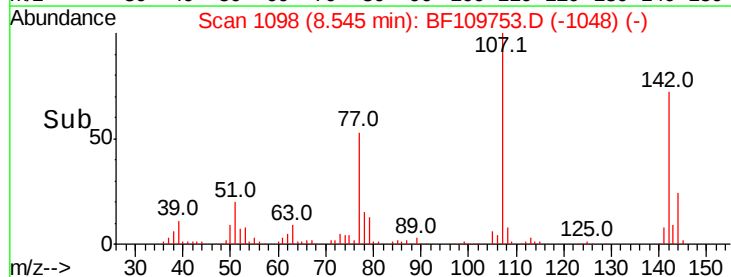
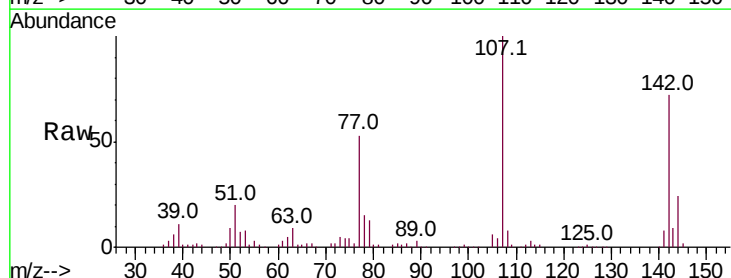
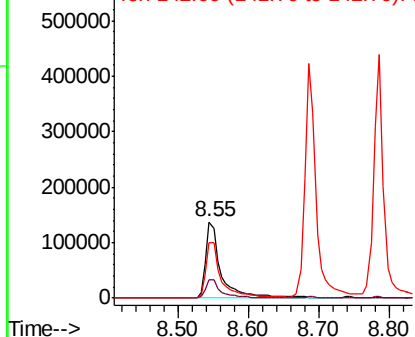
Tgt Ion	Ratio	Lower	Upper
107	100		
144	23.9	20.0	30.0
142	71.9	59.7	89.5

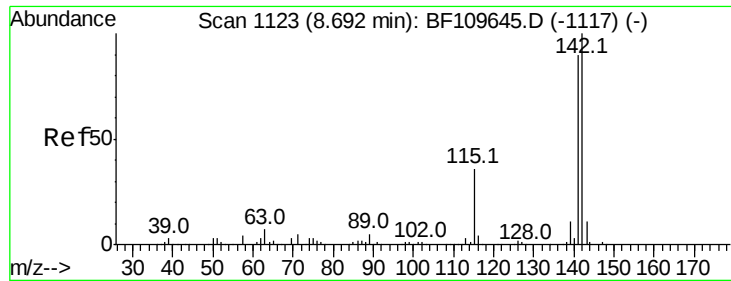
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





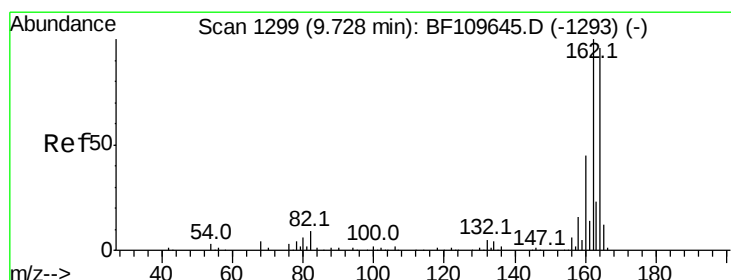
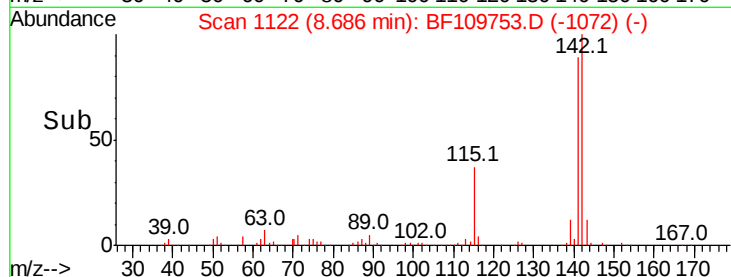
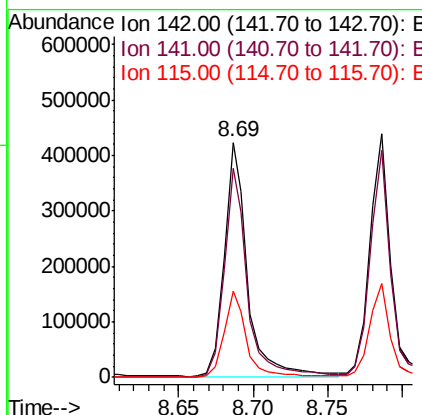
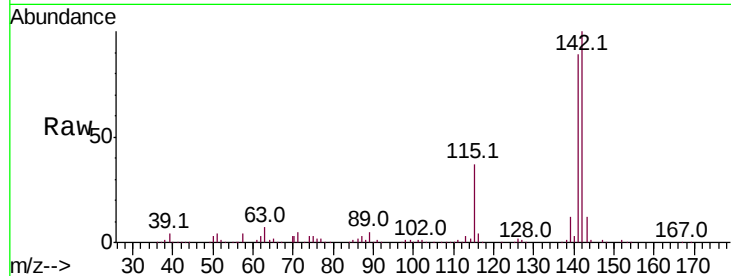
#37
2-Methylnaphthalene
Concen: 52.049 ng
RT: 8.69 min Scan# 1122
Delta R.T. -0.01 min
Lab File: BF109753.D
Acq: 10 Oct 2018 20:16

Instrument :
BNA_F
ClientSampleId :
RBR200035MS

Tot Ion	Ratio	Lower	Upper
142	100		
141	88.9	71.4	107.2
115	36.6	28.7	43.1

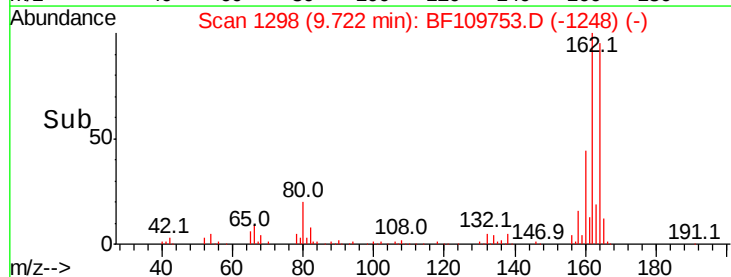
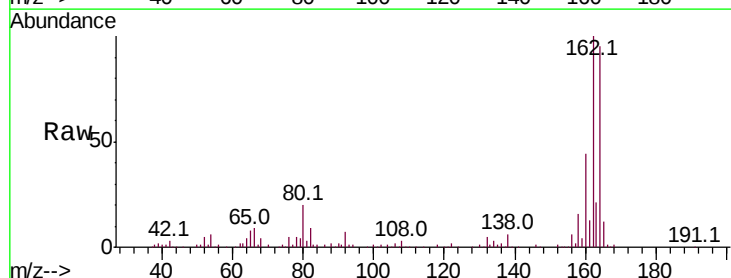
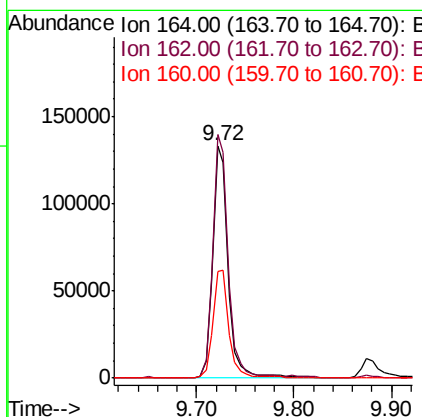
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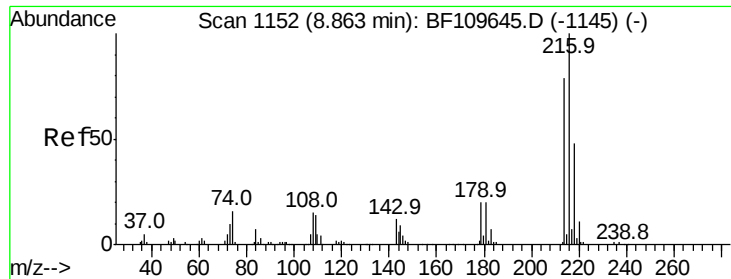
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#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.72 min Scan# 1298
Delta R.T. -0.01 min
Lab File: BF109753.D
Acq: 10 Oct 2018 20:16

Tgt Ion	Ratio	Lower	Upper
164	100		
162	104.8	83.0	124.6
160	45.9	37.0	55.6





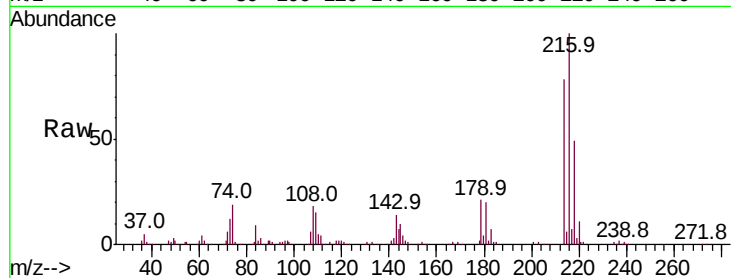
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 40.839 ng
 RT: 8.86 min Scan# 1151
 Delta R.T. -0.01 min
 Lab File: BF109753.D
 Acq: 10 Oct 2018 20:16

Instrument :
 BNA_F
 ClientSampleId :
 RBR200035MS

Tot Ion	Ratio	Lower	Upper
216	100		
214	78.2	63.8	95.6
179	20.4	16.6	25.0
108	20.8	15.1	22.7

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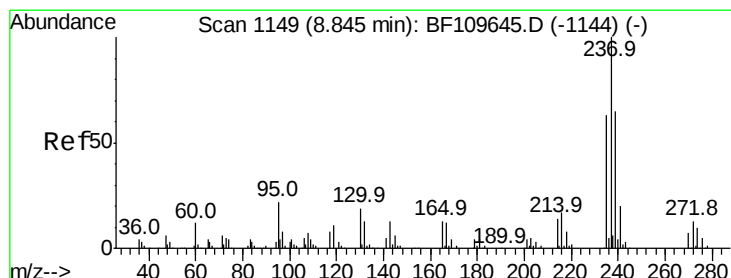
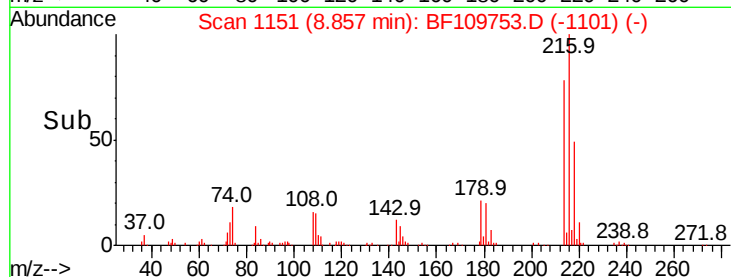
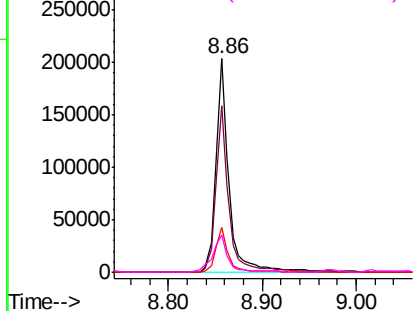
Abundance

Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

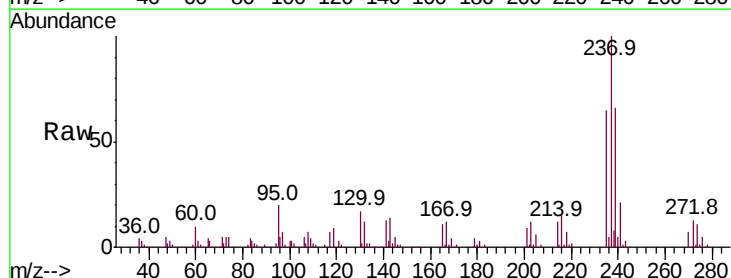
Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



#40
 Hexachlorocyclopentadiene
 Concen: 71.265 ng
 RT: 8.85 min Scan# 1149
 Delta R.T. 0.00 min
 Lab File: BF109753.D
 Acq: 10 Oct 2018 20:16

Tgt Ion	Ratio	Lower	Upper
237	100		
235	64.9	43.1	83.1
272	12.7	0.0	32.6

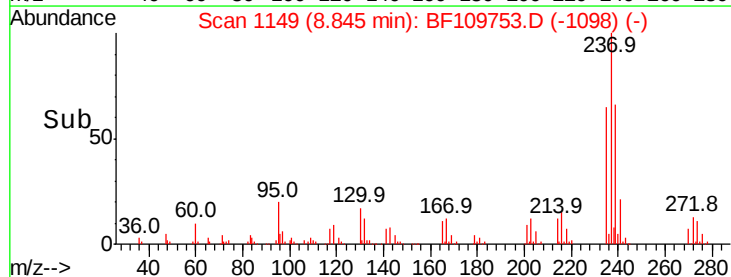
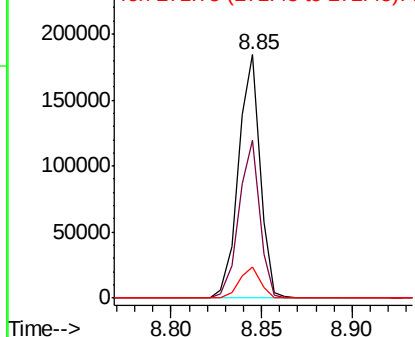


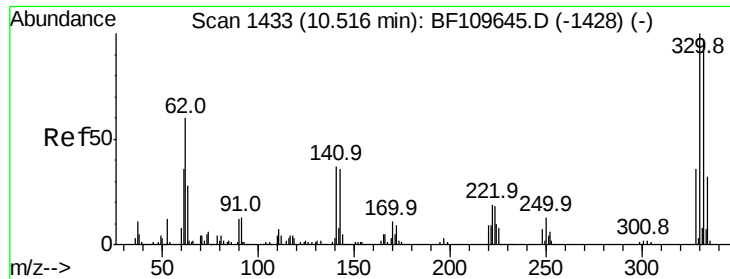
Abundance

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





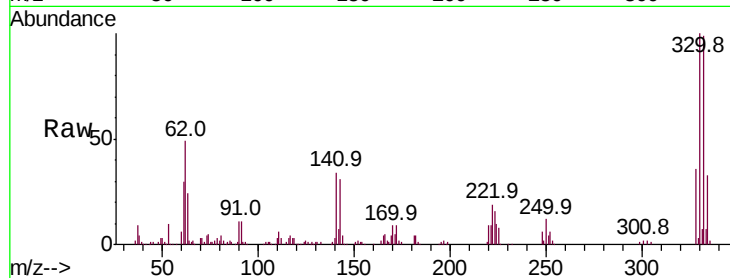
#41
 2,4,6-Tribromophenol
 Concen: 129.503 ng
 RT: 10.52 min Scan# 1433
 Delta R.T. -0.00 min
 Lab File: BF109753.D
 Acq: 10 Oct 2018 20:16

Instrument :
 BNA_F
 ClientSampleId :
 RBR200035MS

Tot Ion	Ratio	Lower	Upper
330	100		
332	98.6	77.1	115.7
141	34.2	27.0	40.4

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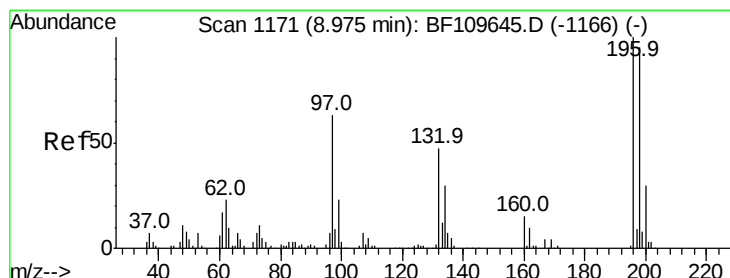
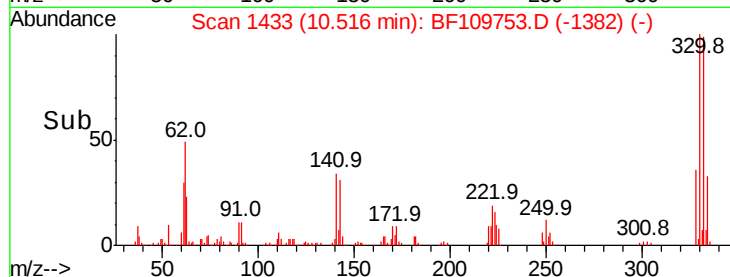
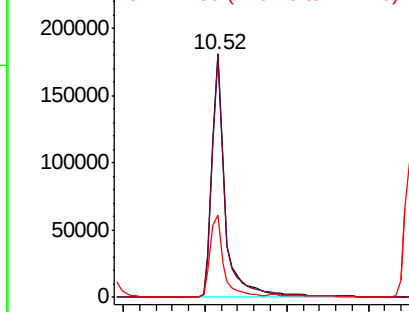


Abundance

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: 42.443 ng
 RT: 8.97 min Scan# 1171
 Delta R.T. -0.00 min
 Lab File: BF109753.D
 Acq: 10 Oct 2018 20:16

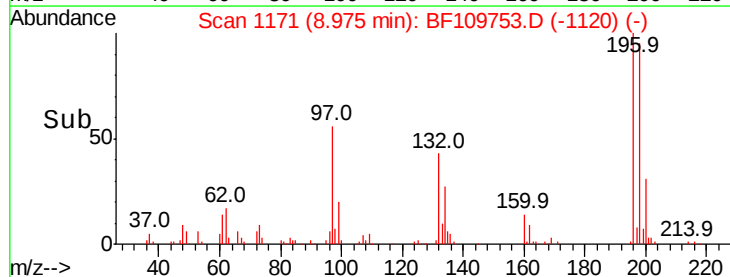
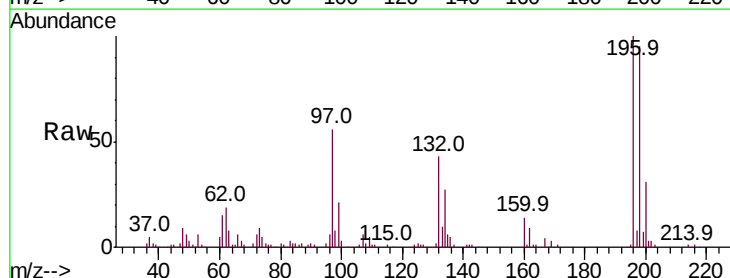
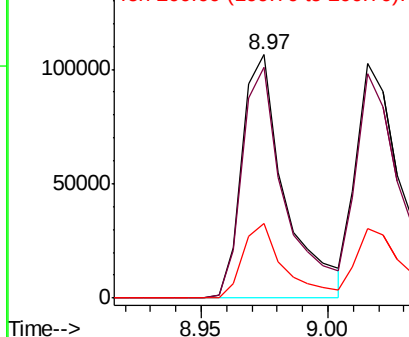
Tgt Ion	Ratio	Lower	Upper
196	100		
198	94.7	76.2	114.4
200	30.5	24.4	36.6

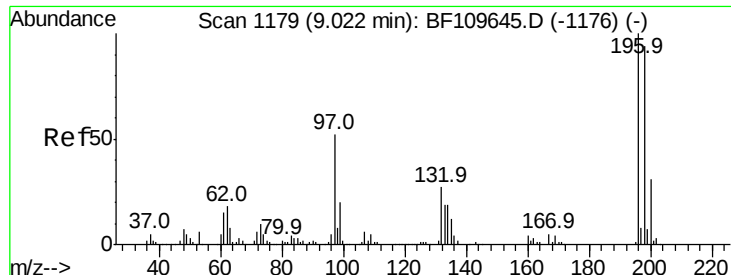
Abundance

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





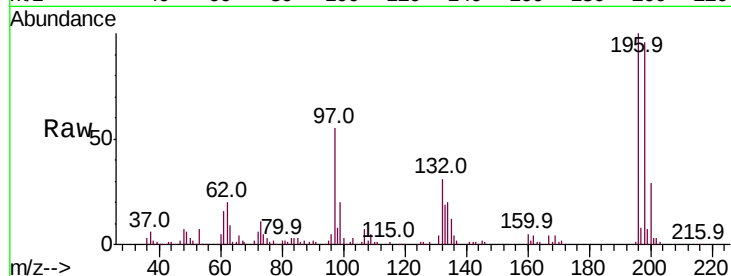
#43
2,4,5-Trichlorophenol
Concen: 45.797 ng/mL
RT: 9.02 min Scan# 1178
Delta R.T. -0.01 min
Lab File: BF109753.D
Acq: 10 Oct 2018 20:16

Instrument :
BNA_F
ClientSampleId :
RBR200035MS

Tot Ion	Ratio	Resp	Lower	Upper
196	100	156231		
198	95.6	75.8	113.6	
97	55.0	42.4	63.6	
132	31.3	22.8	34.2	

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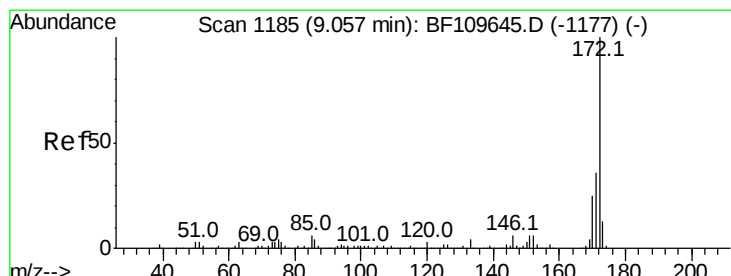
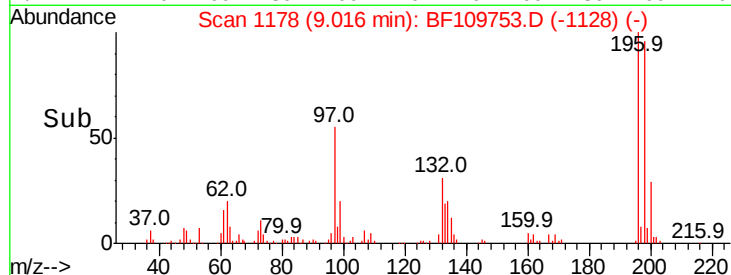
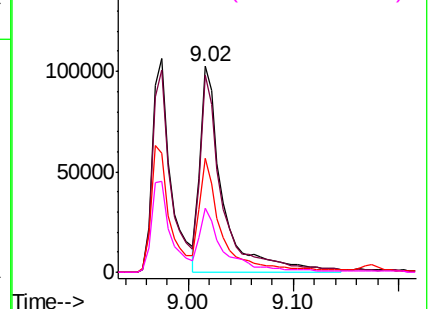
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

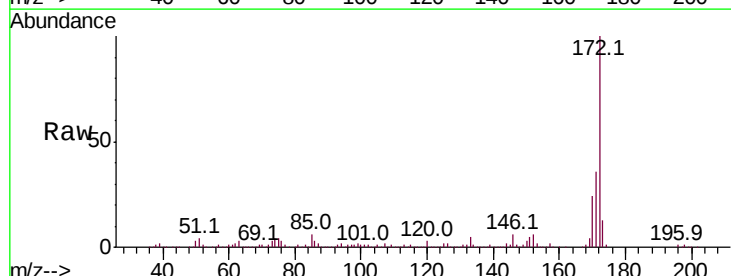
Ion 97.00 (96.70 to 97.70): BF1

Ion 132.00 (131.70 to 132.70): E



#44
2-Fluorobiphenyl
Concen: 80.538 ng/mL
RT: 9.05 min Scan# 1184
Delta R.T. -0.01 min
Lab File: BF109753.D
Acq: 10 Oct 2018 20:16

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	852602		
171	35.6	28.6	43.0	
170	24.0	19.7	29.5	

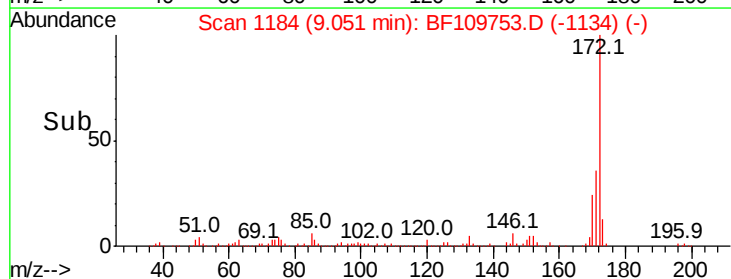
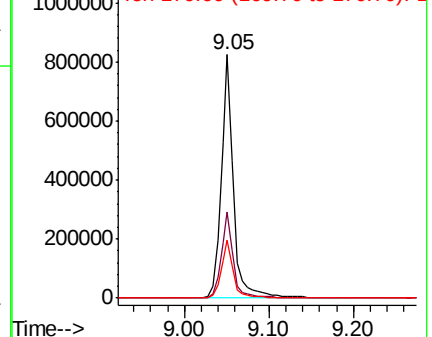


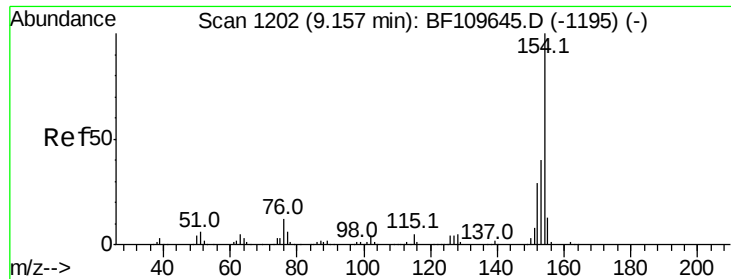
Abundance

Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





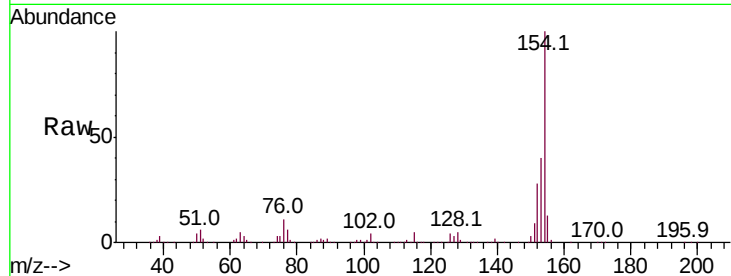
#45
 1,1'-Biphenyl
 Concen: 41.894 ng
 RT: 9.15 min Scan# 1201
 Delta R.T. -0.01 min
 Lab File: BF109753.D
 Acq: 10 Oct 2018 20:16

Instrument :
 BNA_F
 ClientSampleId :
 RBR200035MS

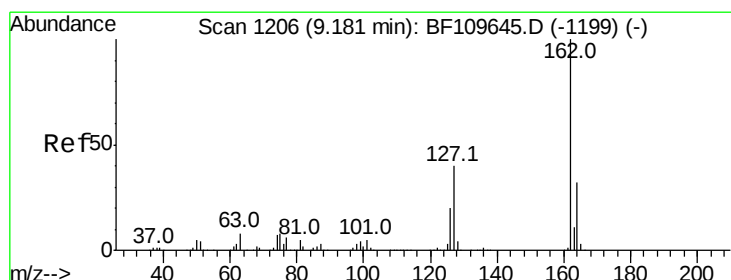
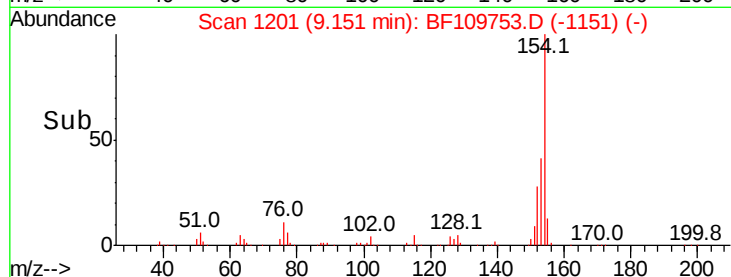
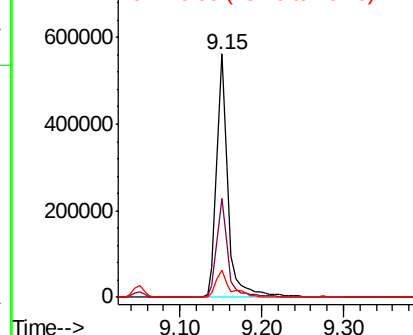
Tot Ion	Ratio	Resp Lower	Upper
154	100		
153	40.5	20.4	60.4
76	11.5	0.0	31.9

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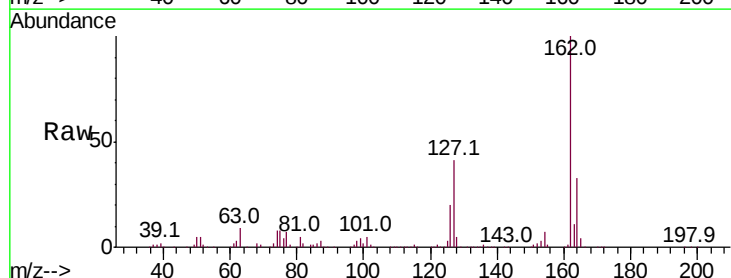


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF1

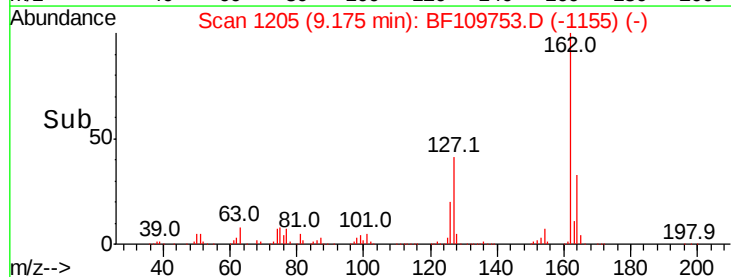
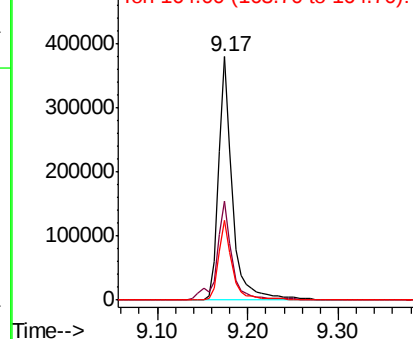


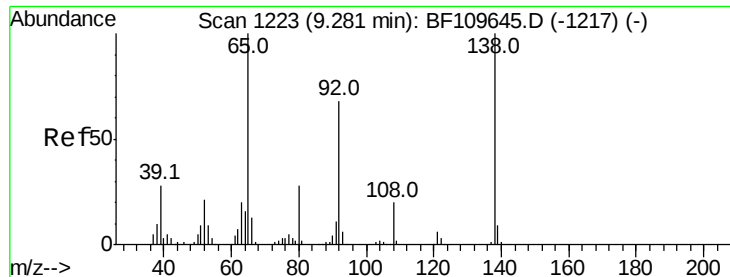
#46
 2-Chloronaphthalene
 Concen: 41.587 ng
 RT: 9.17 min Scan# 1205
 Delta R.T. -0.01 min
 Lab File: BF109753.D
 Acq: 10 Oct 2018 20:16

Tgt Ion	Ratio	Resp Lower	Upper
162	100		
127	40.7	32.6	48.8
164	33.0	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: 44.986 ng

RT: 9.27 min Scan# 1222

Delta R.T. -0.01 min

Lab File: BF109753.D

Acq: 10 Oct 2018 20:16

Instrument :

BNA_F

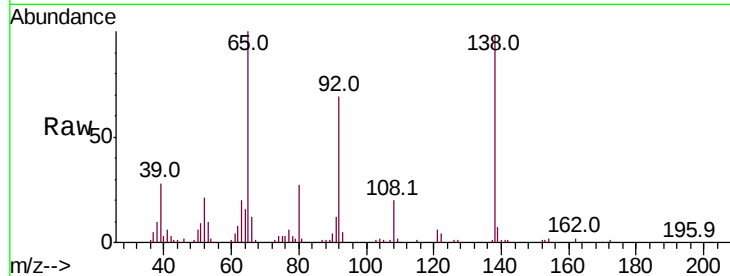
ClientSampleId :

RBR200035MS

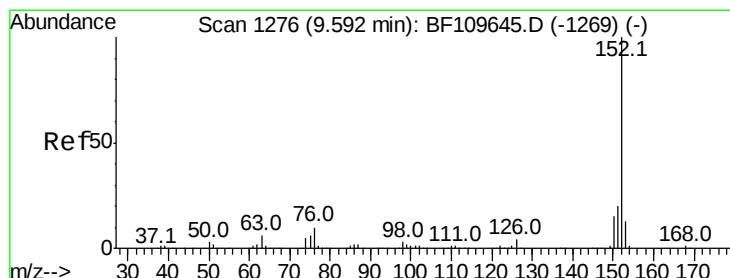
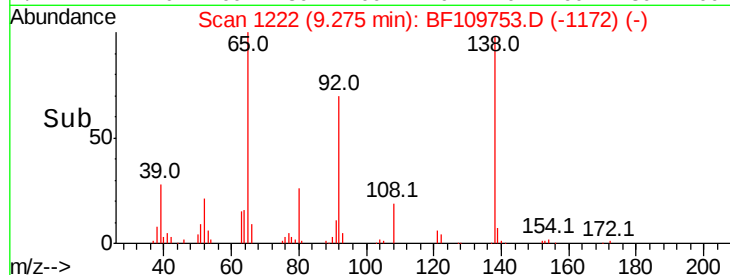
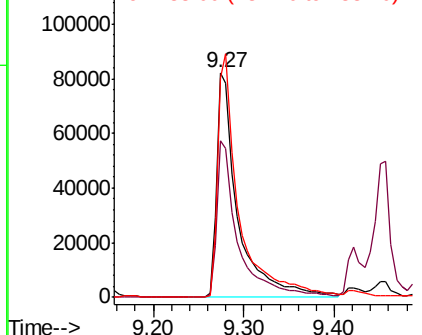
Tot Ion:	65	Resp:	132922
Ion Ratio	Lower	Upper	
65	100		
92	69.4	54.6	81.8
138	97.6	80.3	120.5

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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): E



#48

Acenaphthylene

Concen: 46.078 ng

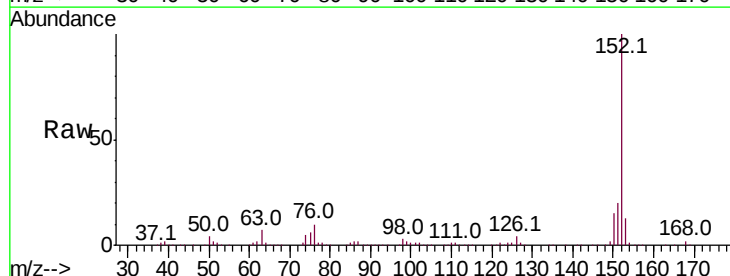
RT: 9.59 min Scan# 1275

Delta R.T. -0.01 min

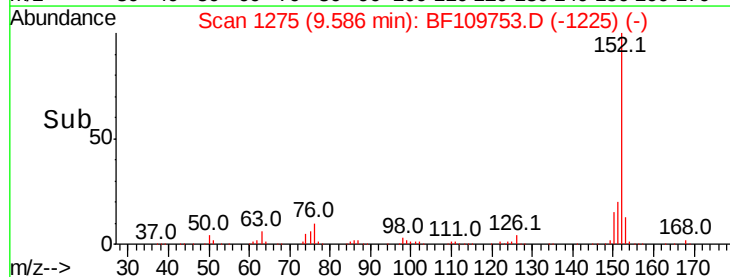
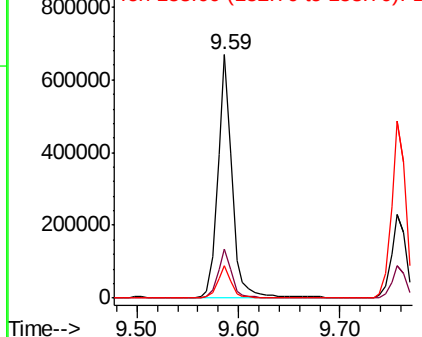
Lab File: BF109753.D

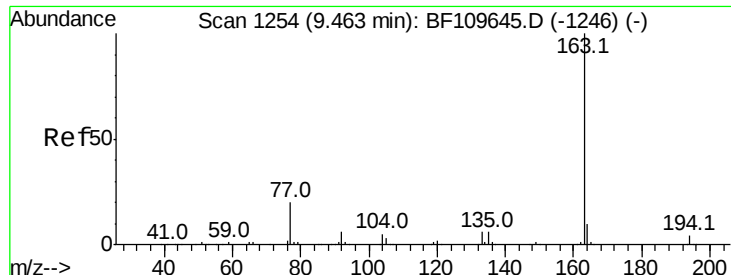
Acq: 10 Oct 2018 20:16

Tgt Ion:	152	Resp:	655522
Ion Ratio	Lower	Upper	
152	100		
151	19.9	15.8	23.8
153	13.2	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





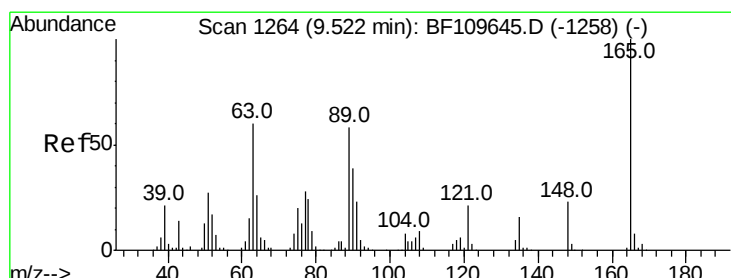
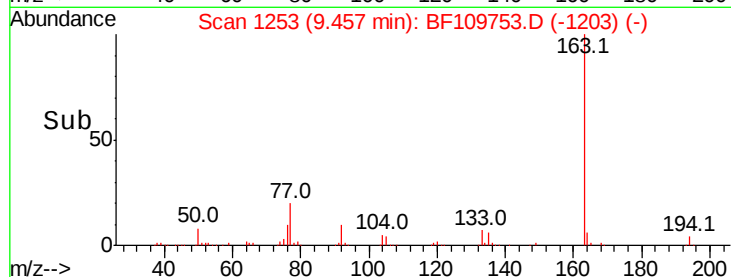
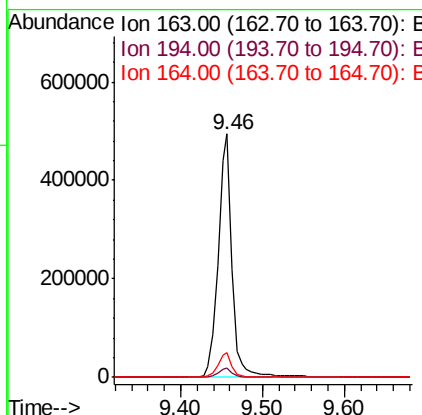
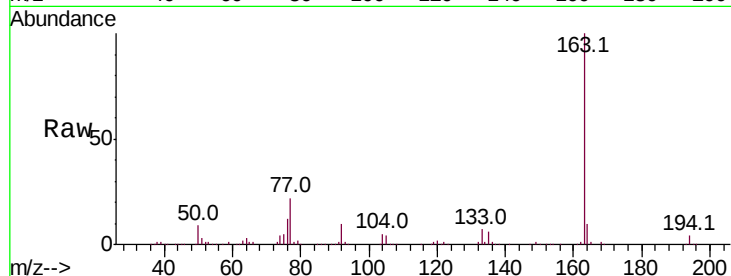
#49
Dimethylphthalate
Concen: 54.873 ng
RT: 9.46 min Scan# 1253
Delta R.T. -0.01 min
Lab File: BF109753.D
Acq: 10 Oct 2018 20:16

Instrument :
BNA_F
ClientSampleId :
RBR200035MS

Tot Ion	Ratio	Resp Lower	Upper
163	100		
194	4.0	3.2	4.8
164	10.1	8.1	12.1

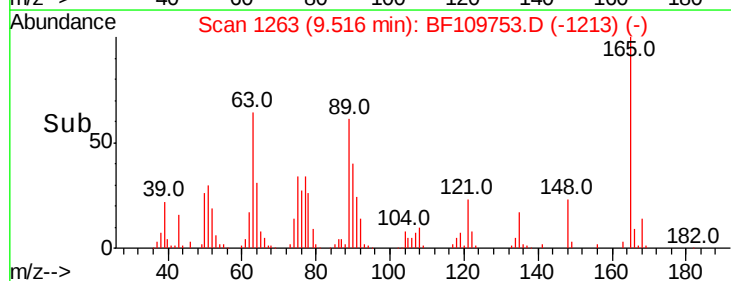
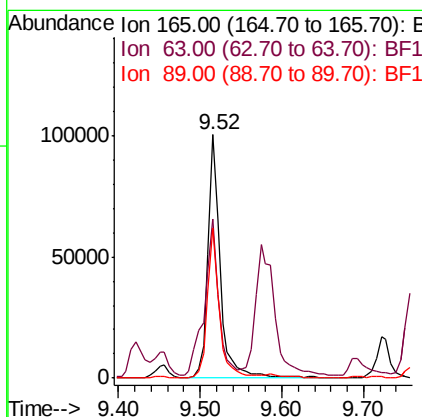
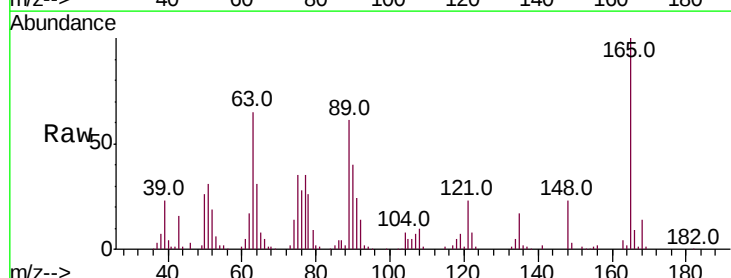
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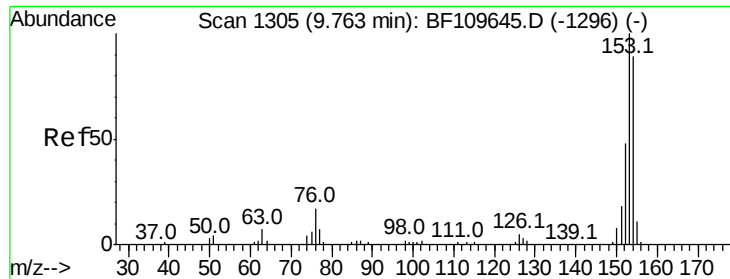
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#50
2,6-Dinitrotoluene
Concen: 45.727 ng
RT: 9.52 min Scan# 1263
Delta R.T. -0.01 min
Lab File: BF109753.D
Acq: 10 Oct 2018 20:16

Tgt Ion	Ratio	Resp Lower	Upper
165	100		
63	65.1	48.9	73.3
89	61.5	46.6	69.8





#51

Acenaphthene

Concen: 50.307 ng

RT: 9.76 min Scan# 1304

Delta R.T. -0.01 min

Lab File: BF109753.D

Acq: 10 Oct 2018 20:16

Instrument :

BNA_F

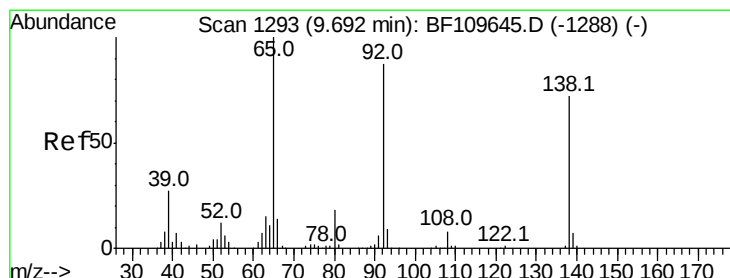
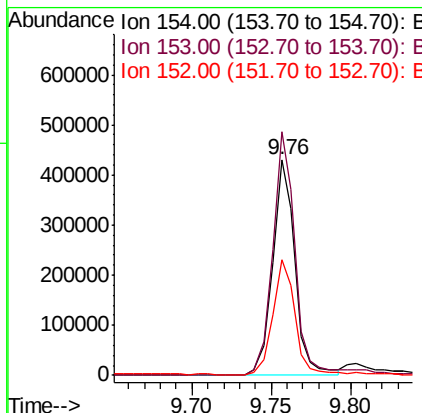
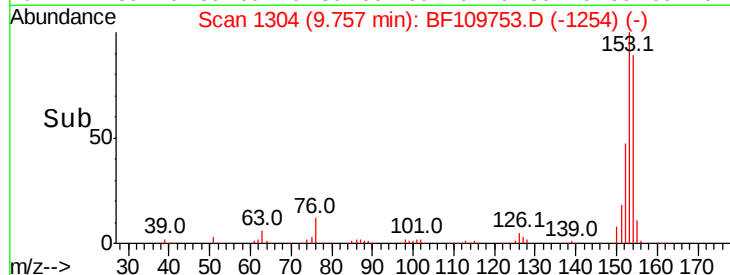
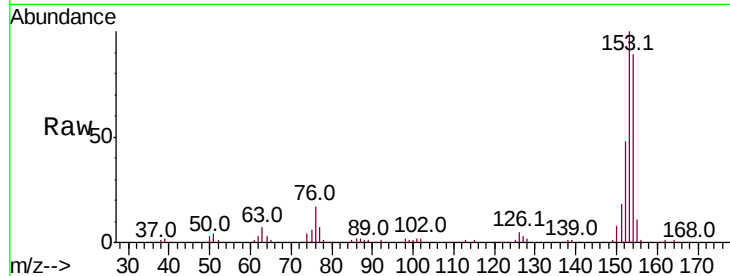
ClientSampleId :

RBR200035MS

Tot Ion:	154	Resp:	424261
Ion Ratio	Lower	Upper	
154	100		
153	112.7	90.1	135.1
152	53.6	43.4	65.2

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#52

3-Nitroaniline

Concen: 26.726 ng

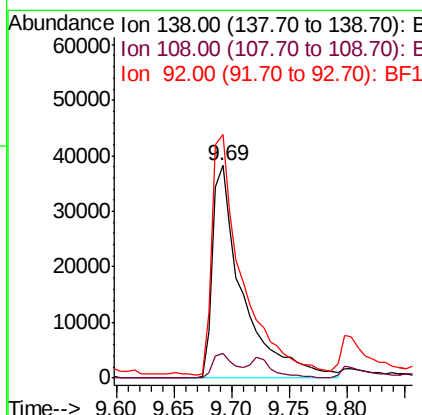
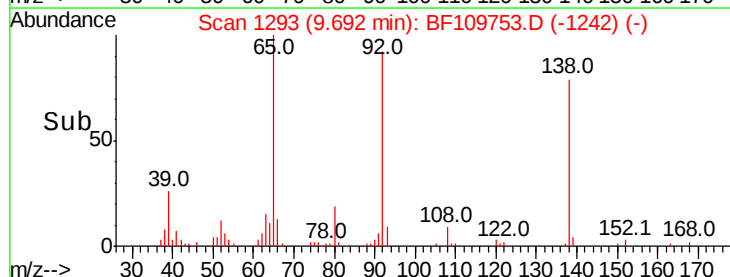
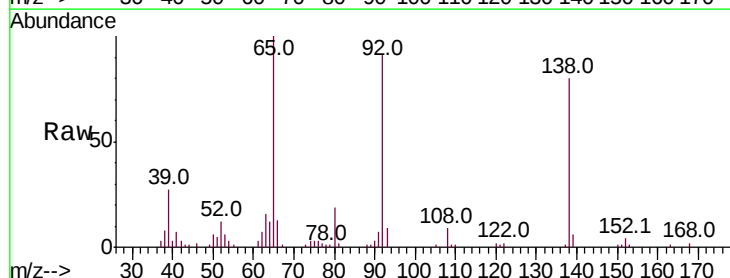
RT: 9.69 min Scan# 1293

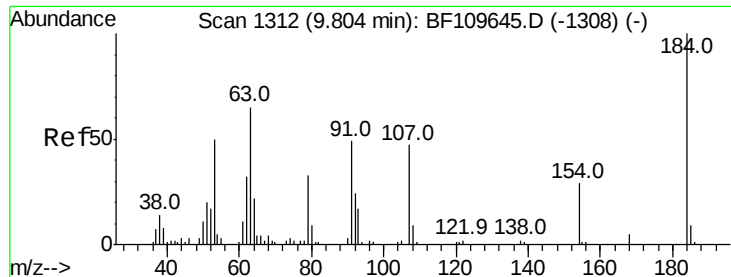
Delta R.T. -0.00 min

Lab File: BF109753.D

Acq: 10 Oct 2018 20:16

Tgt Ion:	138	Resp:	69442
Ion Ratio	Lower	Upper	
138	100		
108	11.9	8.7	13.1
92	114.7	97.0	145.4





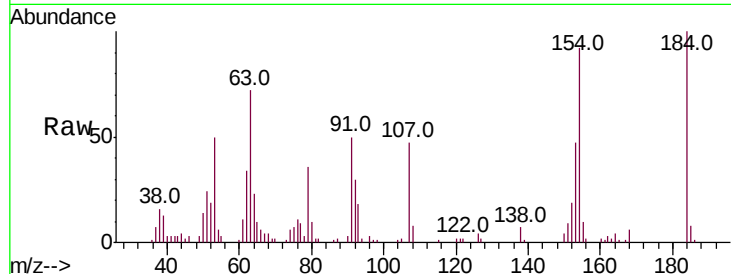
#53
 2,4-Dinitrophenol
 Concen: 58.472 ng
 RT: 9.80 min Scan# 1312
 Delta R.T. -0.00 min
 Lab File: BF109753.D
 Acq: 10 Oct 2018 20:16

Instrument :
 BNA_F
 ClientSampleId :
 RBR200035MS

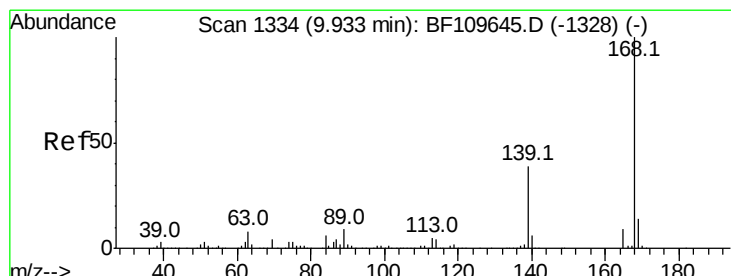
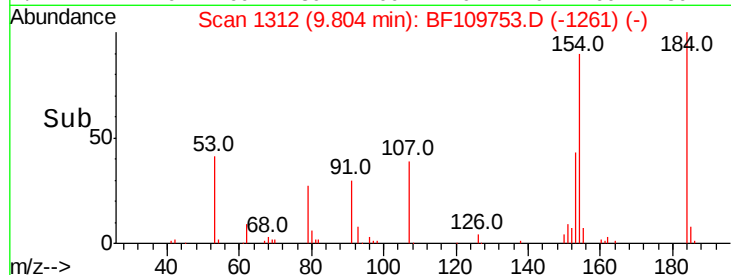
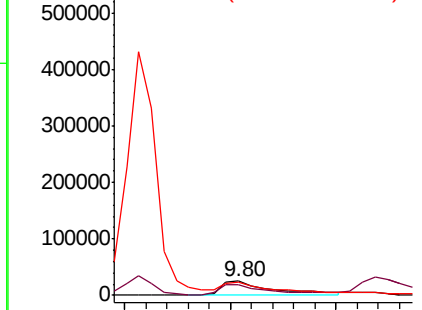
Tot Ion	Ratio	Resp	Lower	Upper
184	100	43728		
63	71.9	55.8	83.6	
154	91.5	63.2	94.8	

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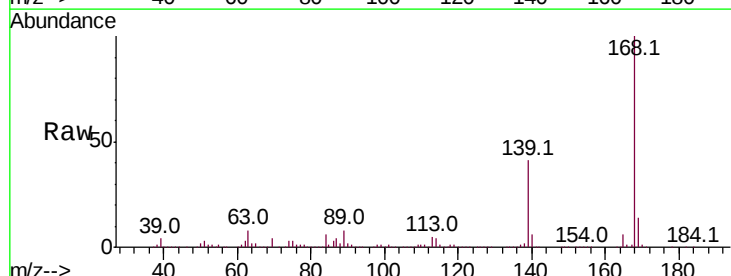


Abundance Ion 184.00 (183.70 to 184.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 154.00 (153.70 to 154.70): E

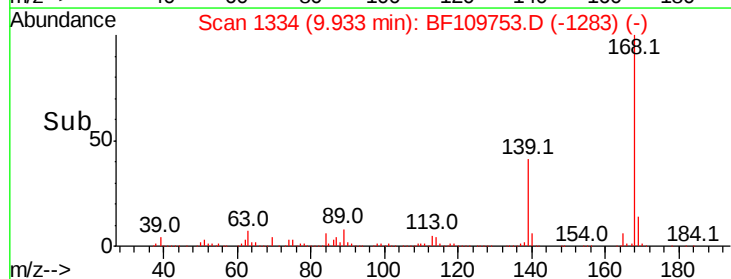
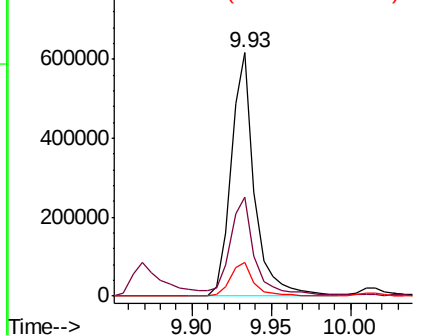


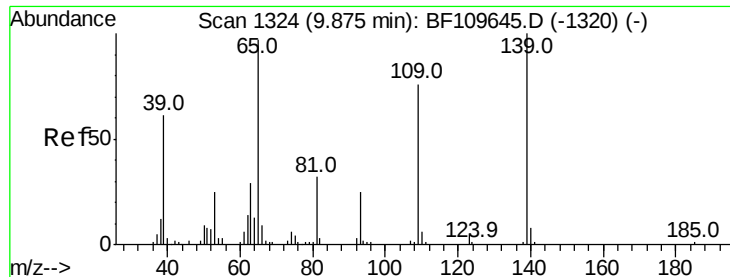
#54
 Dibenzofuran
 Concen: 49.605 ng
 RT: 9.93 min Scan# 1334
 Delta R.T. -0.00 min
 Lab File: BF109753.D
 Acq: 10 Oct 2018 20:16

Tgt Ion	Ratio	Resp	Lower	Upper
168	100	627072		
139	40.8	33.0	49.6	
169	14.0	11.3	16.9	



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





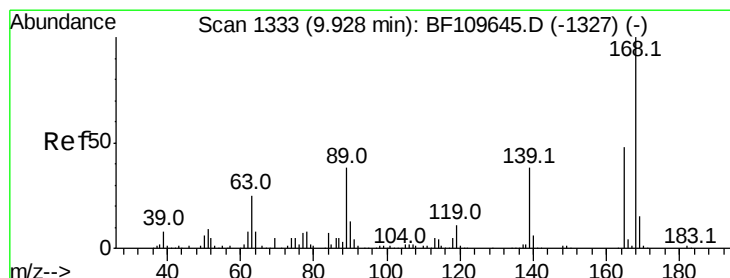
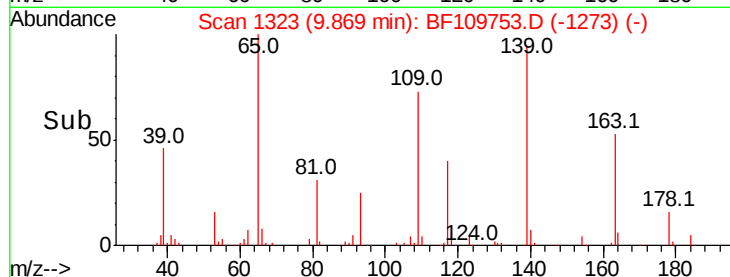
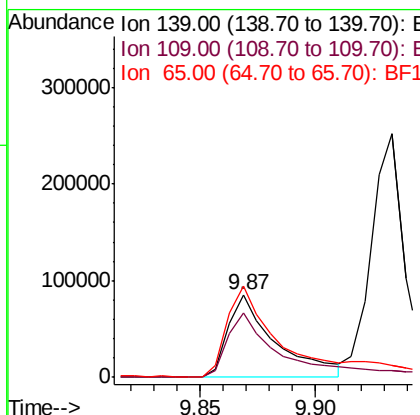
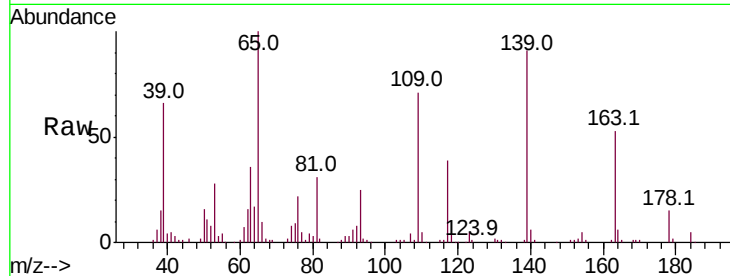
#55
4-Nitrophenol
Concen: 86.606 ng
RT: 9.87 min Scan# 1323
Delta R.T. -0.01 min
Lab File: BF109753.D
Acq: 10 Oct 2018 20:16

Instrument :
BNA_F
ClientSampleId :
RBR200035MS

Tot Ion	Ratio	Resp	Lower	Upper
139	100	123172		
109	78.2	55.8	95.8	
65	109.8	77.9	117.9	

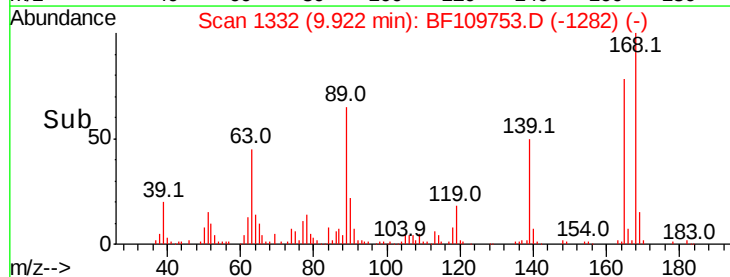
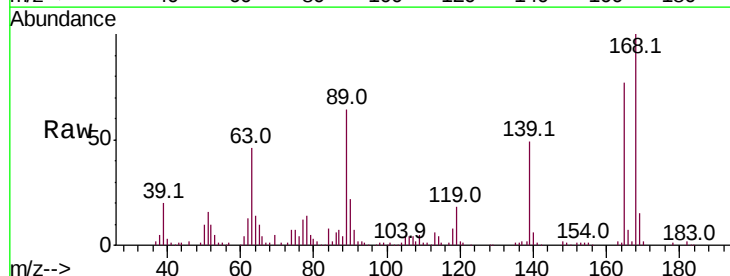
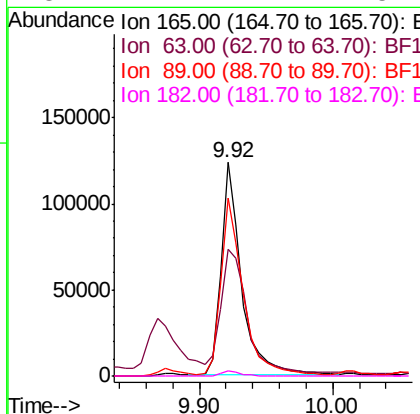
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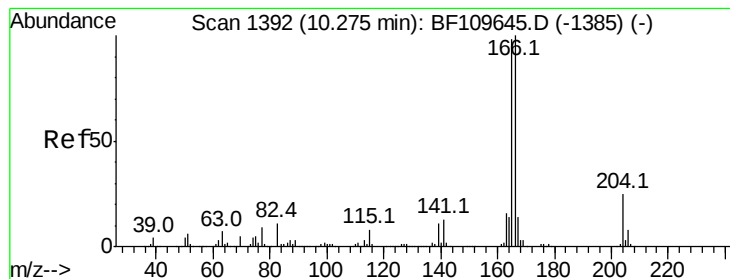
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#56
2,4-Dinitrotoluene
Concen: 46.284 ng
RT: 9.92 min Scan# 1332
Delta R.T. -0.01 min
Lab File: BF109753.D
Acq: 10 Oct 2018 20:16

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	133884		
63	59.2	44.8	67.2	
89	83.5	62.2	93.4	
182	2.4	2.1	3.1	





#57

Fluorene

Concen: 54.094 ng

RT: 10.27 min Scan# 1392

Delta R.T. -0.00 min

Lab File: BF109753.D

Acq: 10 Oct 2018 20:16

Instrument :

BNA_F

ClientSampleId :

RBR200035MS

Tot Ion:166 Resp: 510667

Ion Ratio Lower Upper

166 100

165 99.2 78.6 117.8

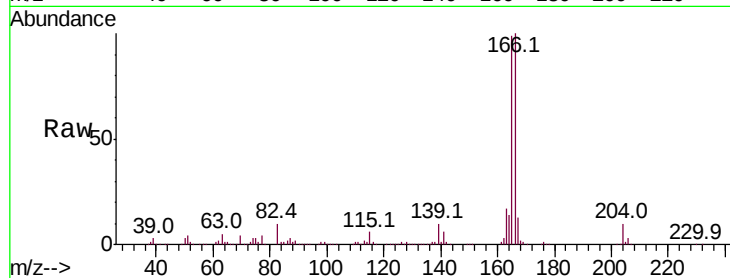
167 13.5 10.8 16.2

Manual Integrations

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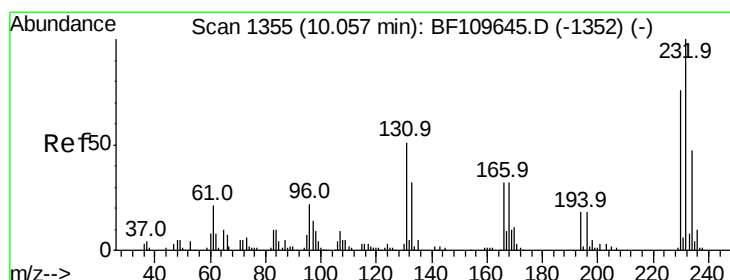
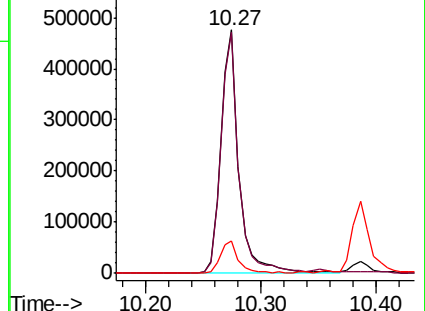
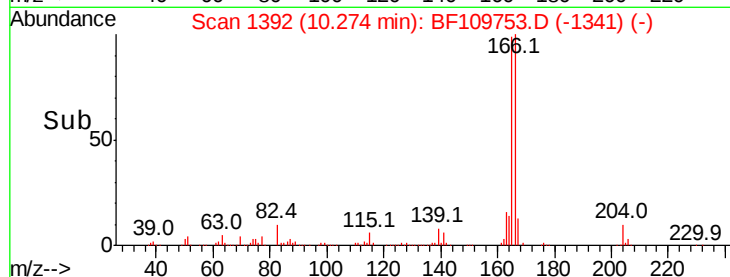
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Abundance Ion 166.00 (165.70 to 166.70): E

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: 46.196 ng

RT: 10.06 min Scan# 1355

Delta R.T. -0.00 min

Lab File: BF109753.D

Acq: 10 Oct 2018 20:16

Tgt Ion:232 Resp: 128104

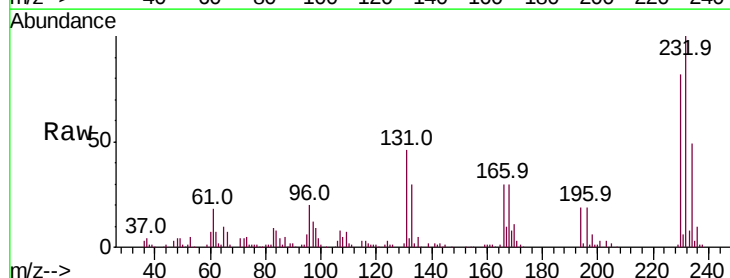
Ion Ratio Lower Upper

232 100

131 46.3 37.0 55.4

130 2.1 1.8 2.6

166 27.0 22.0 33.0

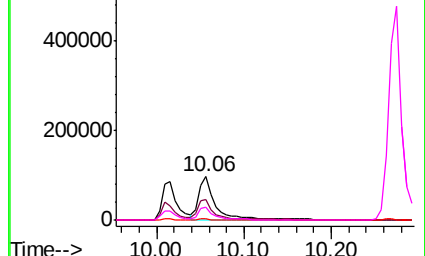
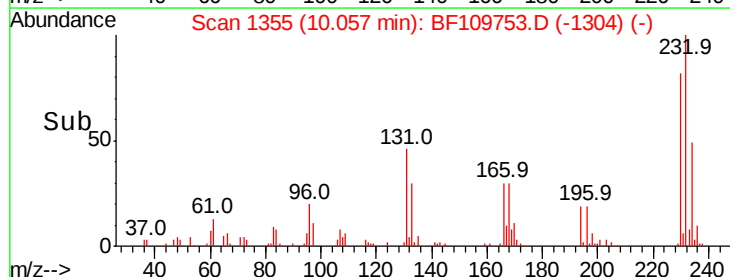


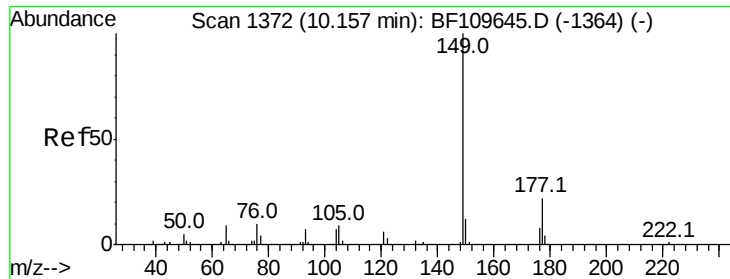
Abundance Ion 232.00 (231.70 to 232.70): E

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





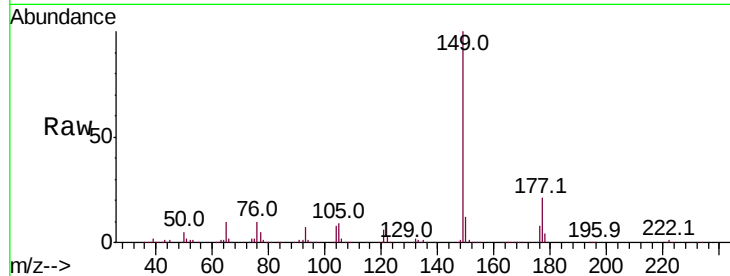
#59
Diethylphthalate
Concen: 45.656 ng
RT: 10.15 min Scan# 1371
Delta R.T. -0.01 min
Lab File: BF109753.D
Acq: 10 Oct 2018 20:16

Instrument :
BNA_F
ClientSampleId :
RBR200035MS

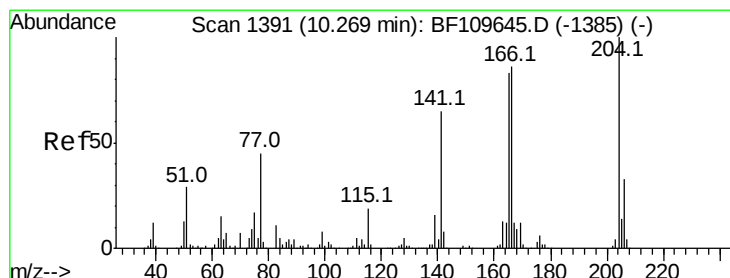
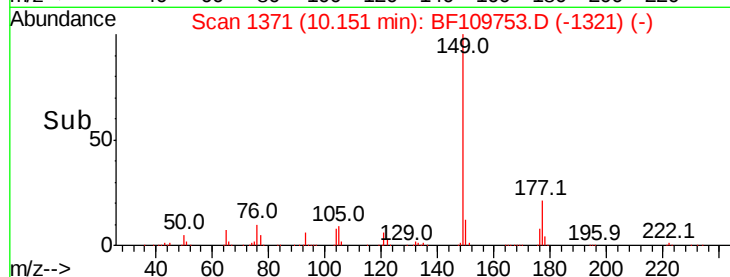
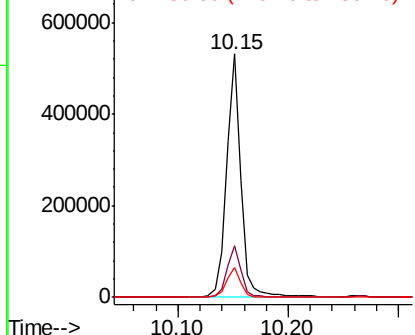
Tot Ion	Ratio	Resp	Lower	Upper
149	100	483719		
177	21.3	17.4	26.2	
150	12.1	9.8	14.8	

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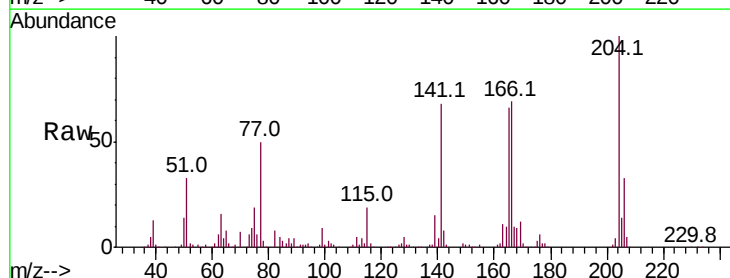


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

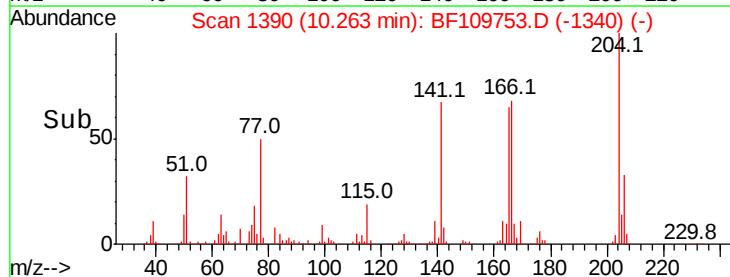
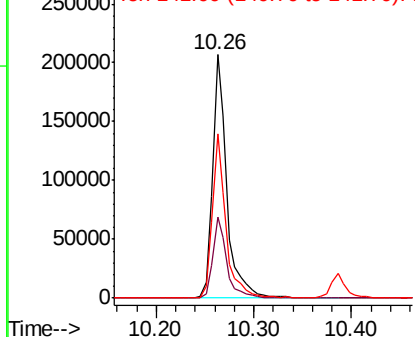


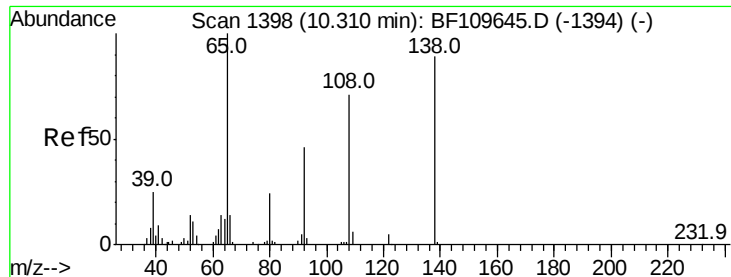
#60
4-Chlorophenyl-phenylether
Concen: 41.849 ng
RT: 10.26 min Scan# 1390
Delta R.T. -0.01 min
Lab File: BF109753.D
Acq: 10 Oct 2018 20:16

Tgt Ion	Ratio	Resp	Lower	Upper
204	100	208425		
206	33.1	26.5	39.7	
141	67.6	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





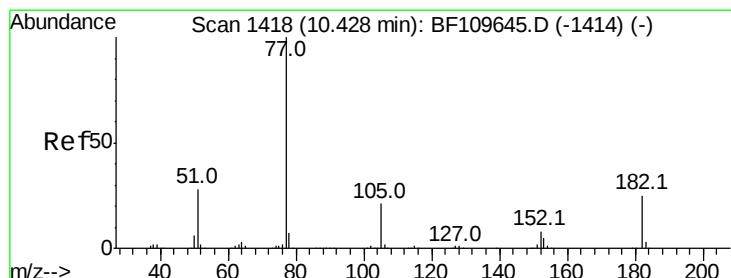
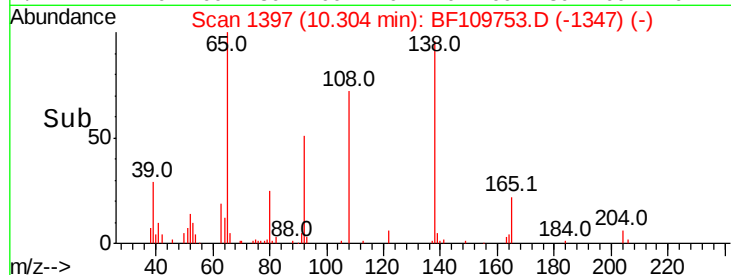
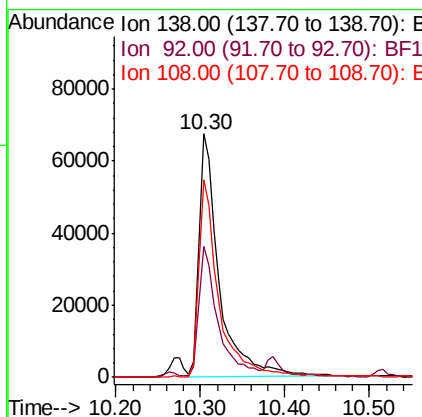
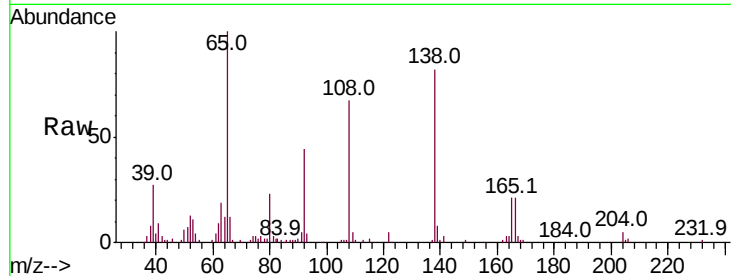
#61
4-Nitroaniline
Concen: 45.625 ng
RT: 10.30 min Scan# 1397
Delta R.T. -0.01 min
Lab File: BF109753.D
Acq: 10 Oct 2018 20:16

Instrument :
BNA_F
ClientSampleId :
RBR200035MS

Tot Ion	Ratio	Lower	Upper
138	100		
92	53.8	31.7	71.7
108	81.1	59.3	99.3

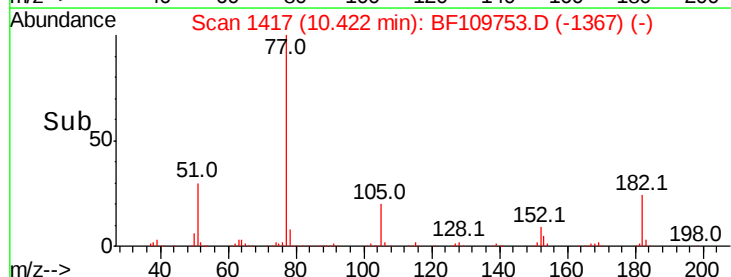
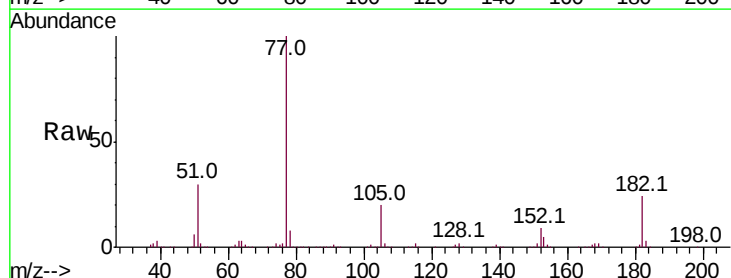
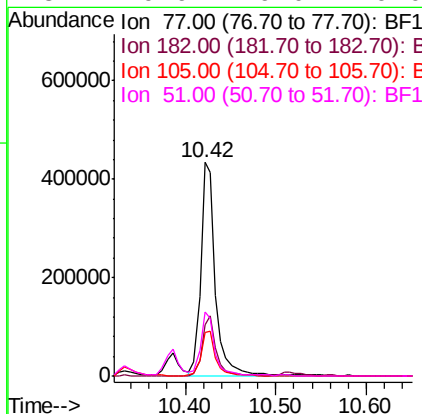
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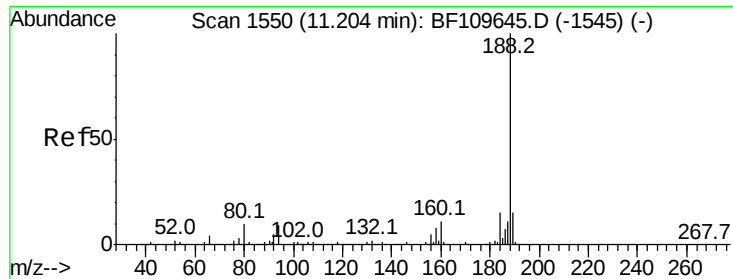
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#62
Azobenzene
Concen: 45.209 ng
RT: 10.42 min Scan# 1417
Delta R.T. -0.01 min
Lab File: BF109753.D
Acq: 10 Oct 2018 20:16

Tgt Ion	Ratio	Lower	Upper
77	100		
182	23.9	4.3	44.3
105	20.3	1.3	41.3
51	29.9	9.0	49.0





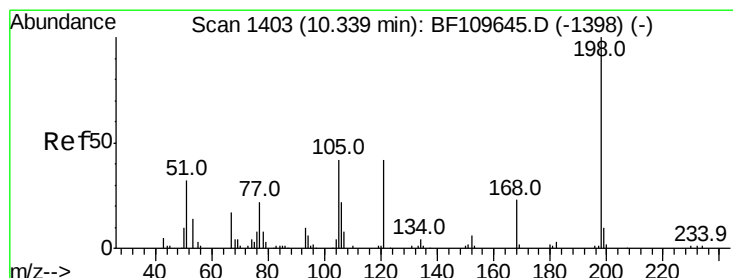
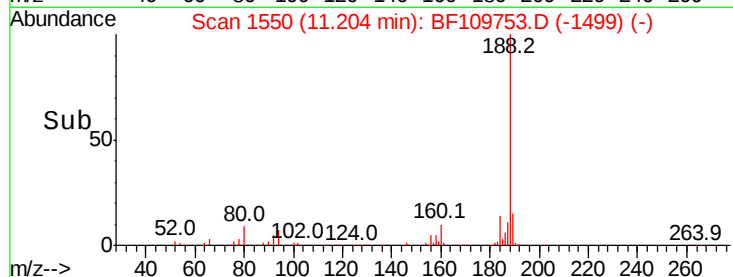
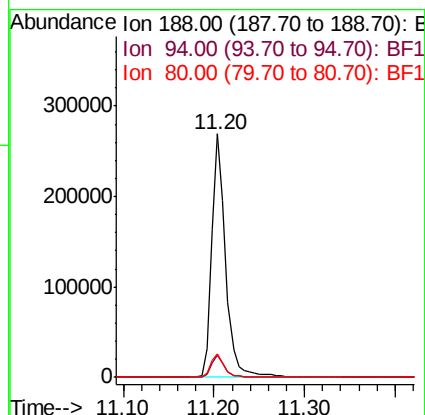
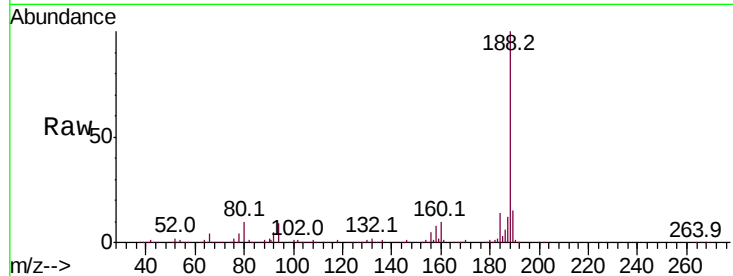
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.20 min Scan# 1550
Delta R.T. -0.00 min
Lab File: BF109753.D
Acq: 10 Oct 2018 20:16

Instrument :
BNA_F
ClientSampleId :
RBR200035MS

Tot Ion	Ratio	Resp Lower	Upper
188	100		
94	9.0	7.2	10.8
80	9.6	7.9	11.9

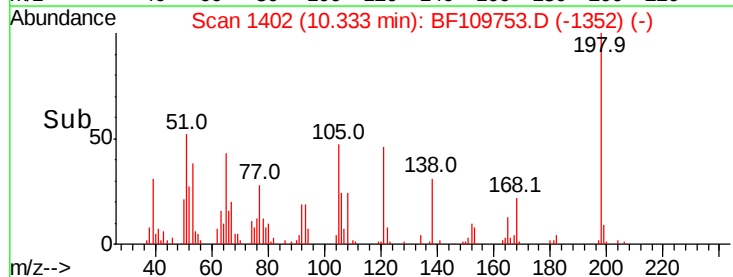
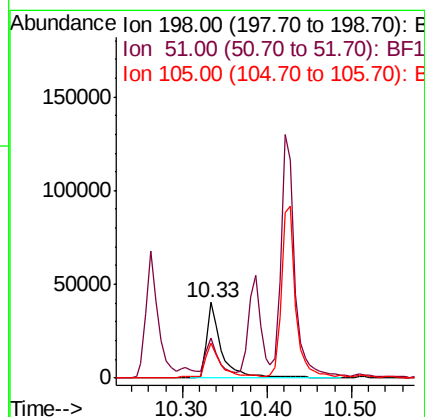
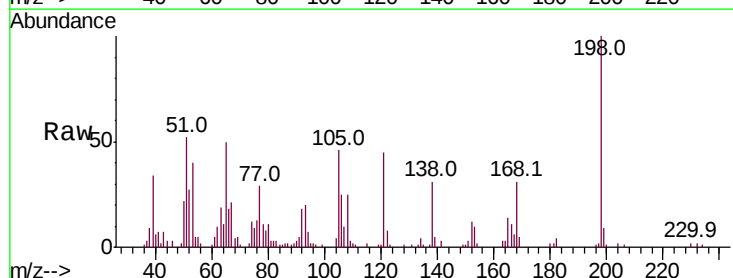
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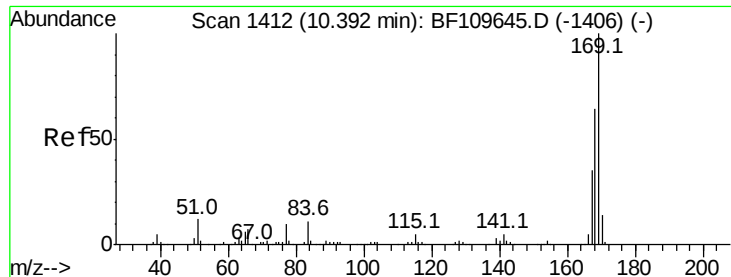
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#64
4,6-Dinitro-2-methylphenol
Concen: 35.196 ng
RT: 10.33 min Scan# 1402
Delta R.T. -0.01 min
Lab File: BF109753.D
Acq: 10 Oct 2018 20:16

Tgt Ion	Ratio	Resp Lower	Upper
198	100		
51	52.3	22.8	62.8
105	45.7	23.6	63.6





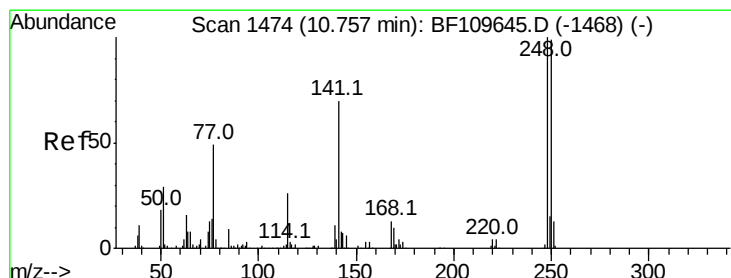
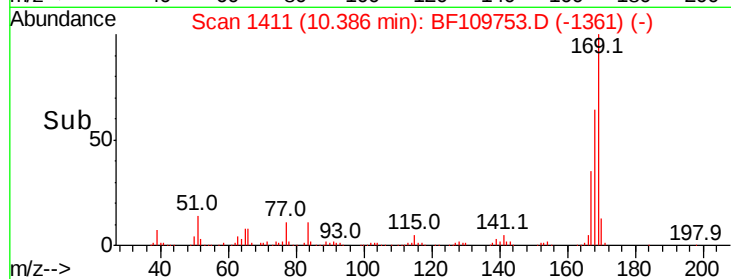
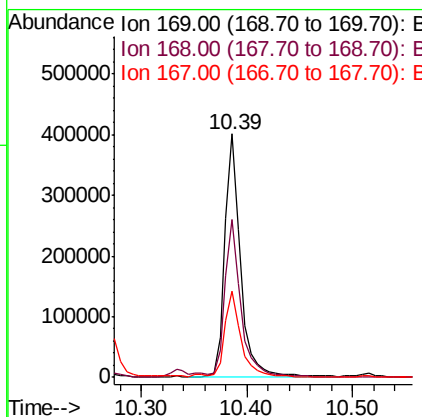
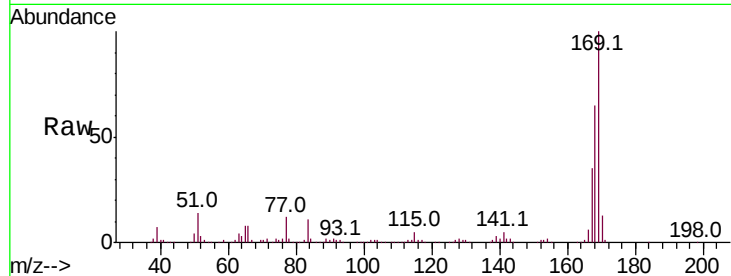
#65
 n-Nitrosodiphenylamine
 Concen: 41.913 ng
 RT: 10.39 min Scan# 1411
 Delta R.T. -0.01 min
 Lab File: BF109753.D
 Acq: 10 Oct 2018 20:16

Instrument :
 BNA_F
 ClientSampleId :
 RBR200035MS

Tot Ion	Ratio	Lower	Upper
169	100		
168	64.8	51.2	76.8
167	35.3	27.8	41.6

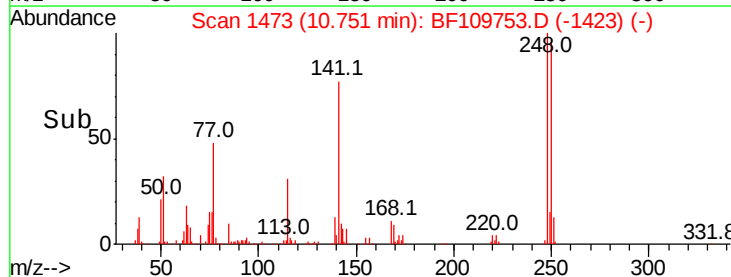
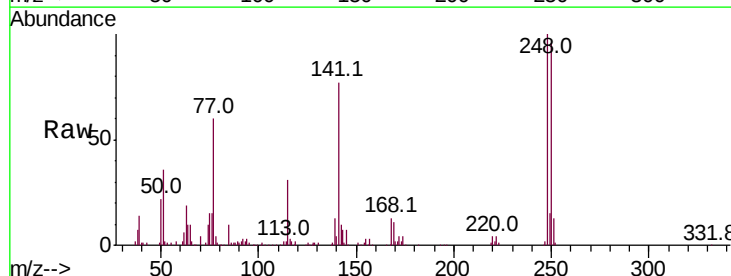
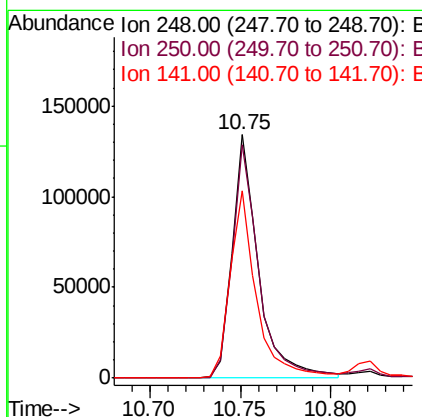
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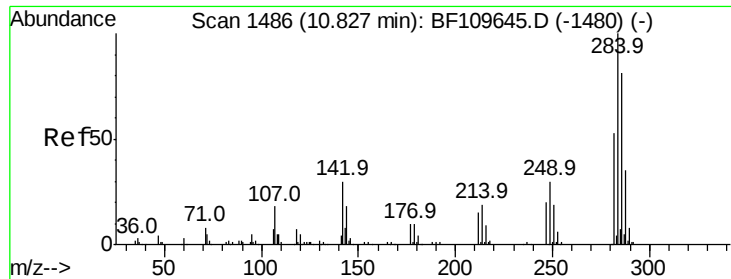
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#66
 4-Bromophenyl-phenylether
 Concen: 40.553 ng
 RT: 10.75 min Scan# 1473
 Delta R.T. -0.01 min
 Lab File: BF109753.D
 Acq: 10 Oct 2018 20:16

Tgt Ion	Ratio	Lower	Upper
248	100		
250	96.1	79.4	119.2
141	77.1	55.9	83.9





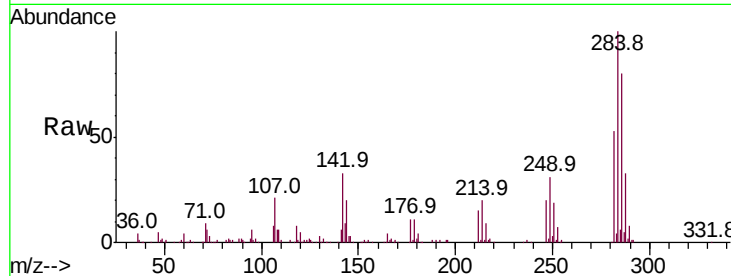
#67
Hexachlorobenzene
Concen: 39.984 ng
RT: 10.82 min Scan# 1485
Delta R.T. -0.01 min
Lab File: BF109753.D
Acq: 10 Oct 2018 20:16

Instrument :
BNA_F
ClientSampleId :
RBR200035MS

Tot Ion	Ratio	Resp	Lower	Upper
284	100			
142	32.8	23.9	35.9	
249	30.6	24.2	36.2	

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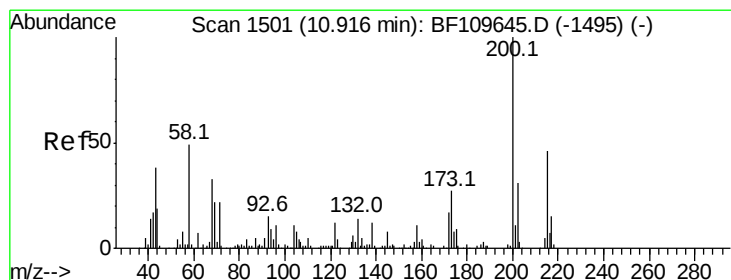
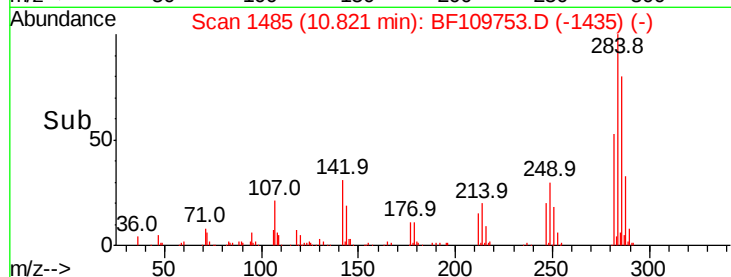
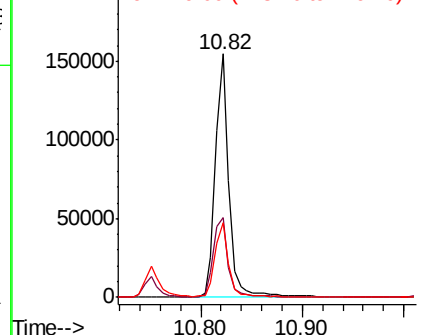


Abundance

Ion 283.80 (283.50 to 284.50): E

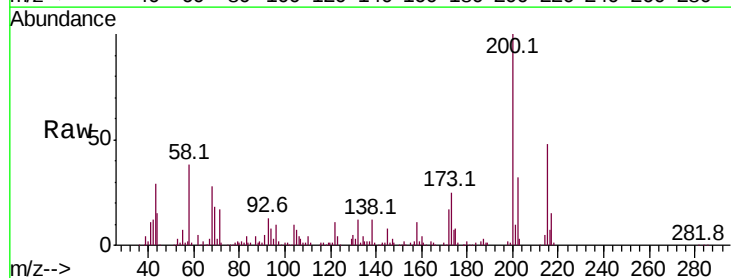
Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E



#68
Atrazine
Concen: 44.687 ng
RT: 10.92 min Scan# 1501
Delta R.T. -0.00 min
Lab File: BF109753.D
Acq: 10 Oct 2018 20:16

Tgt Ion	Ratio	Resp	Lower	Upper
200	100			
173	25.4	6.6	46.6	
215	47.9	26.3	66.3	

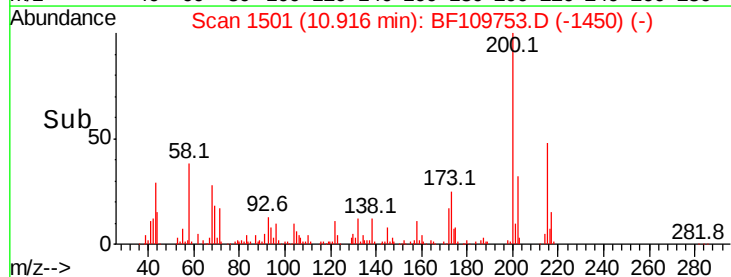
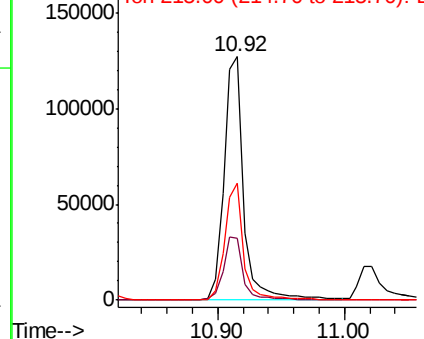


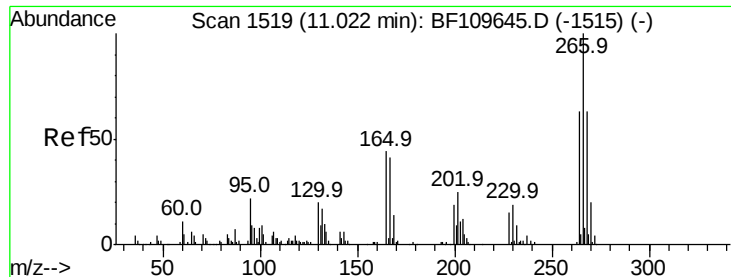
Abundance

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





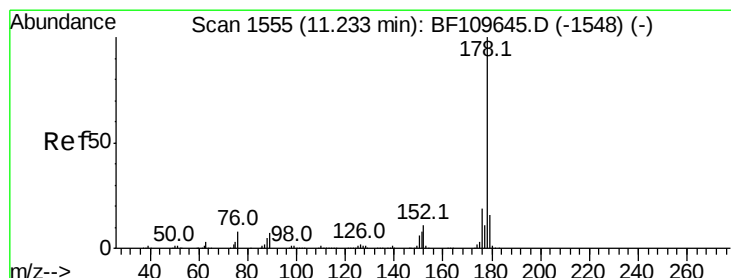
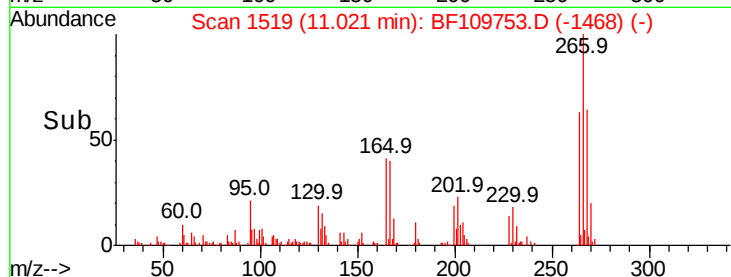
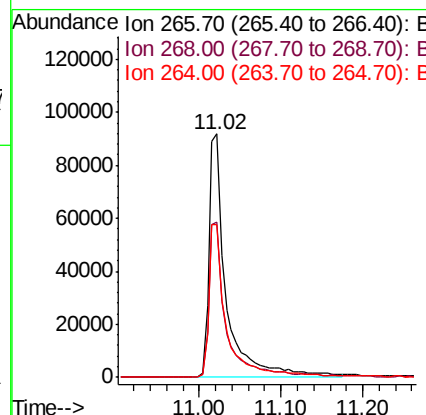
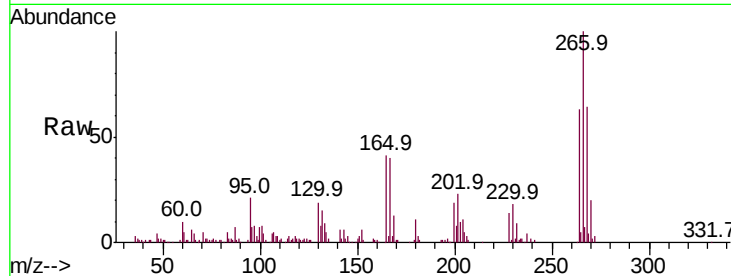
#69
 Pentachlorophenol
 Concen: 66.644 ng
 RT: 11.02 min Scan# 1519
 Delta R.T. -0.00 min
 Lab File: BF109753.D
 Acq: 10 Oct 2018 20:16

Instrument :
 BNA_F
 ClientSampleId :
 RBR200035MS

Tot Ion	Ratio	Lower	Upper
266	100		
268	63.9	50.6	75.8
264	62.6	50.6	75.8

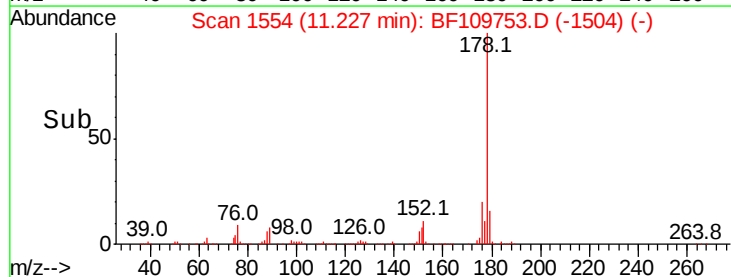
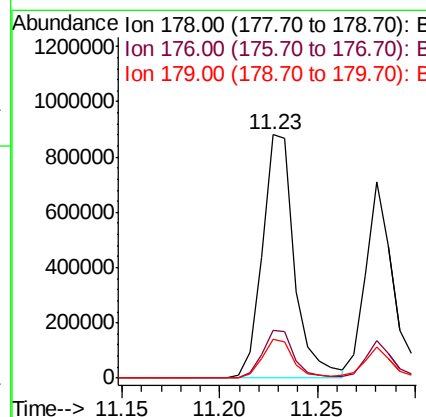
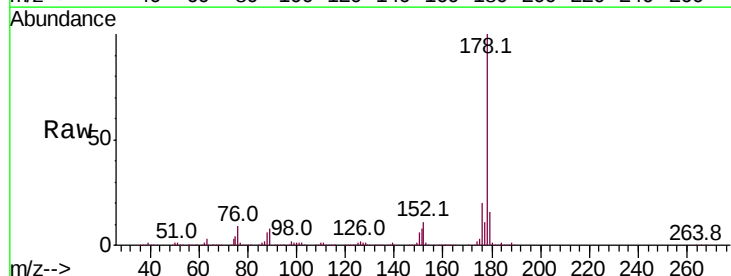
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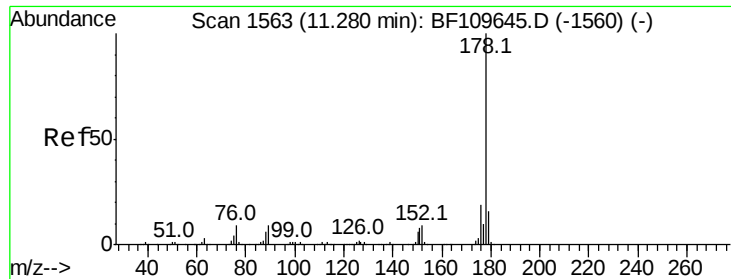
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#70
 Phenanthrene
 Concen: 68.955 ng
 RT: 11.23 min Scan# 1554
 Delta R.T. -0.01 min
 Lab File: BF109753.D
 Acq: 10 Oct 2018 20:16

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.5	15.5	23.3
179	15.9	12.5	18.7





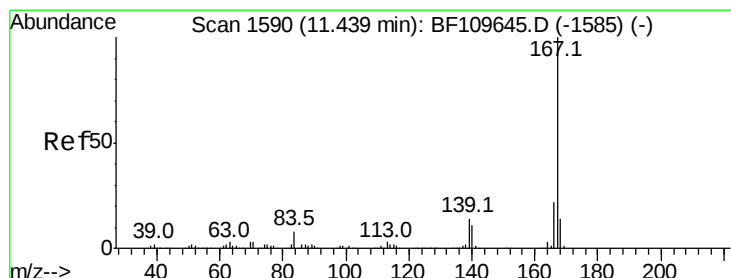
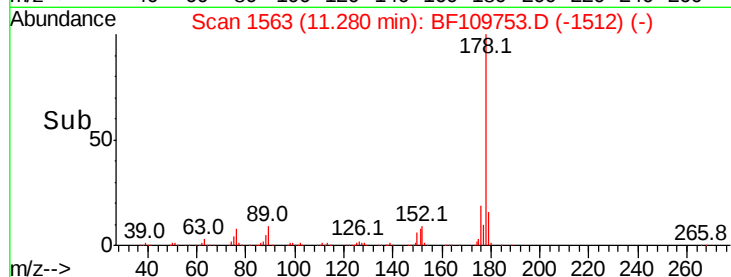
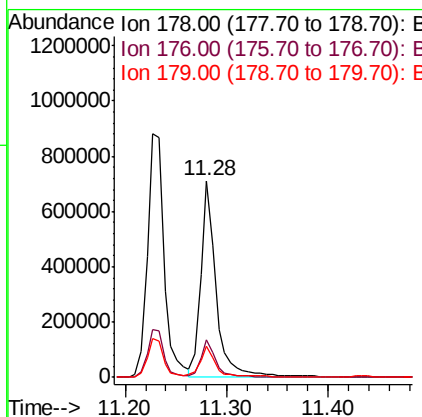
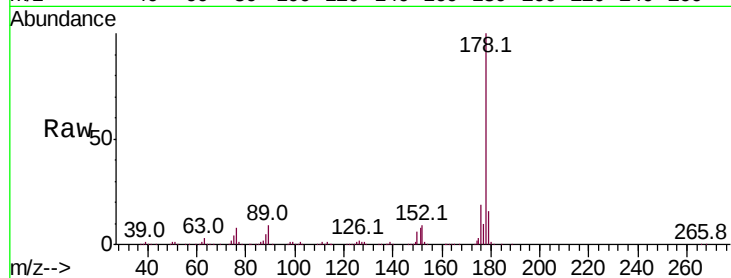
#71
 Anthracene
 Concen: 49.175 ng
 RT: 11.28 min Scan# 1563
 Delta R.T. -0.00 min
 Lab File: BF109753.D
 Acq: 10 Oct 2018 20:16

Instrument :
 BNA_F
 ClientSampleId :
 RBR200035MS

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.1	15.4	23.2
179	15.8	12.6	18.8

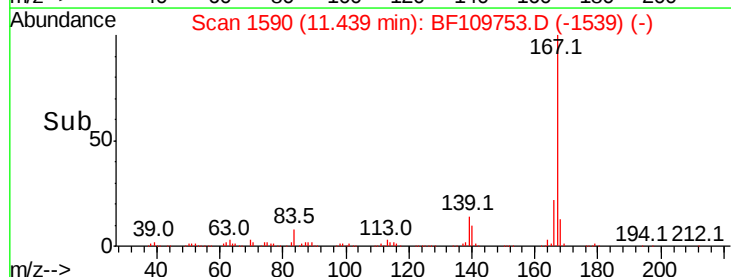
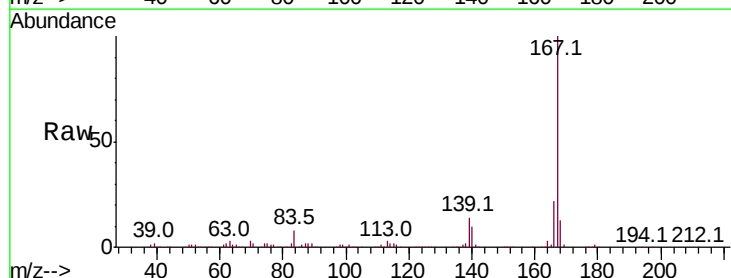
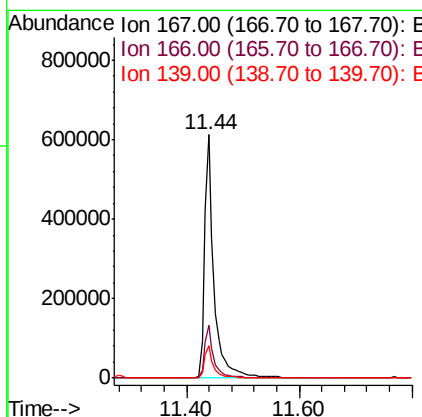
Manual Integrations
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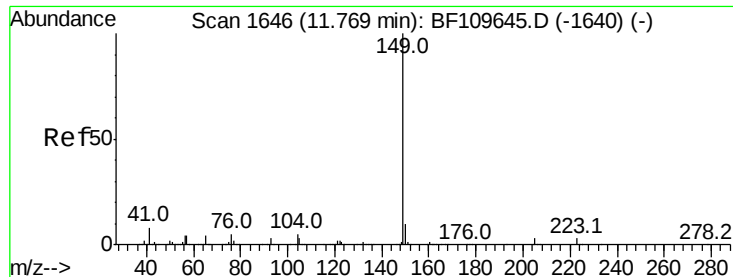
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#72
 Carbazole
 Concen: 49.107 ng
 RT: 11.44 min Scan# 1590
 Delta R.T. -0.00 min
 Lab File: BF109753.D
 Acq: 10 Oct 2018 20:16

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





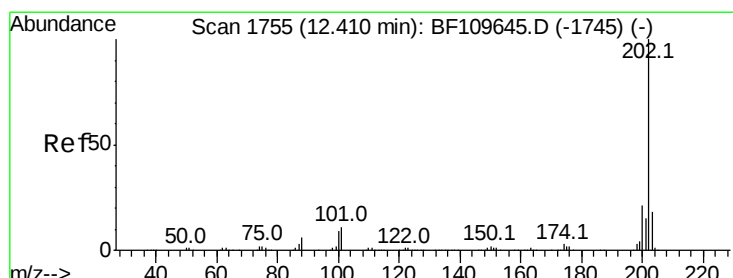
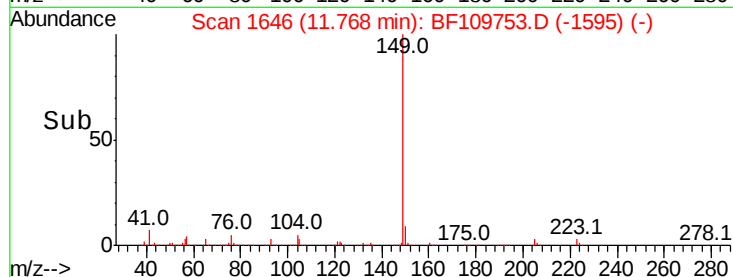
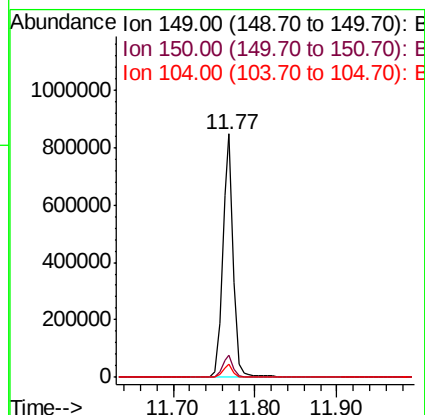
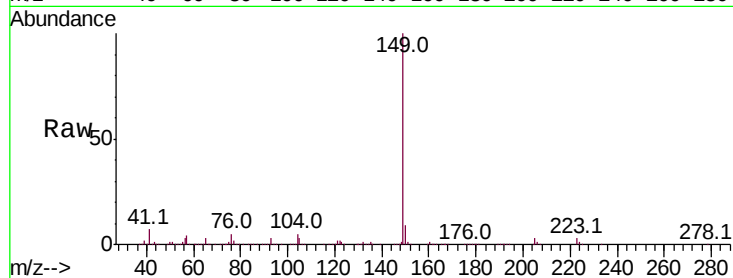
#73
Di-n-butylphthalate
Concen: 44.709 ng
RT: 11.77 min Scan# 1646
Delta R.T. -0.00 min
Lab File: BF109753.D
Acq: 10 Oct 2018 20:16

Instrument :
BNA_F
ClientSampleId :
RBR200035MS

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

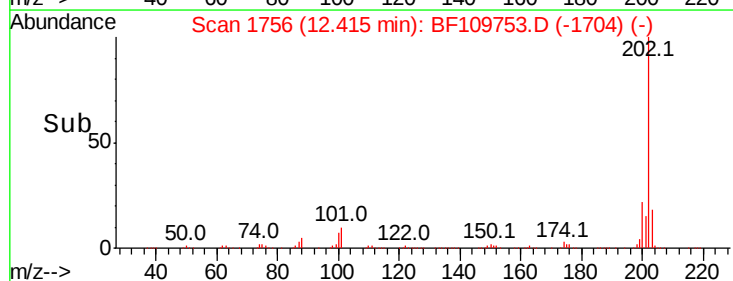
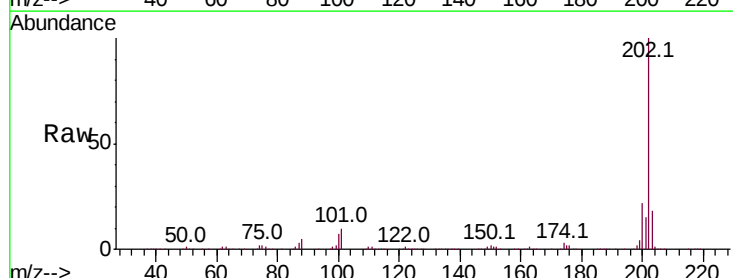
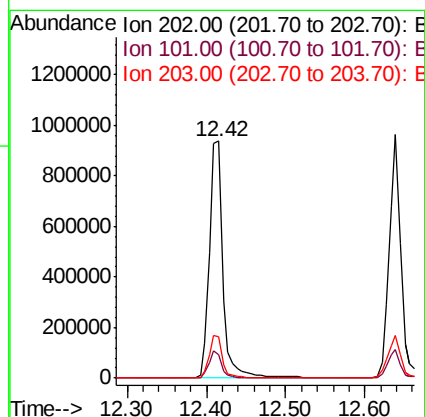
Manual Integrations
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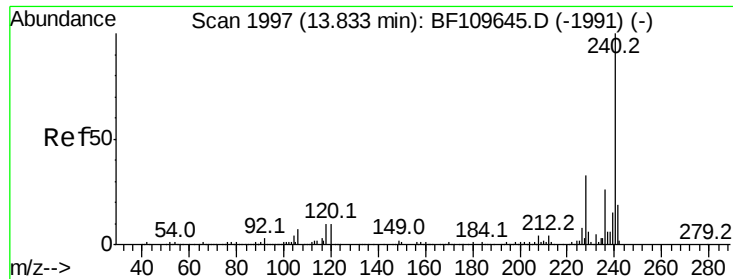
Sohil
10/11/2018 2:02:46 PM



#74
Fluoranthene
Concen: 73.182 ng
RT: 12.42 min Scan# 1756
Delta R.T. 0.01 min
Lab File: BF109753.D
Acq: 10 Oct 2018 20:16

Tgt Ion	Ratio	Lower	Upper
202	100		
101	9.7	0.0	31.4
203	17.8	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: BF109753.D

Acq: 10 Oct 2018 20:16

Instrument :

BNA_F

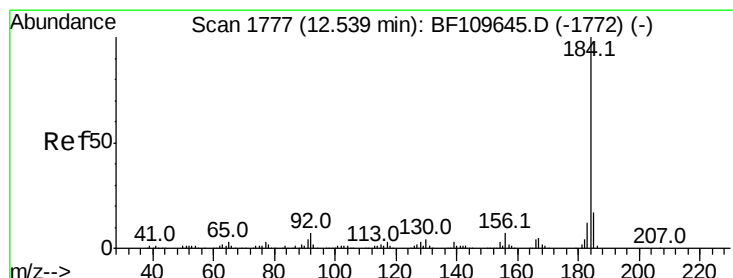
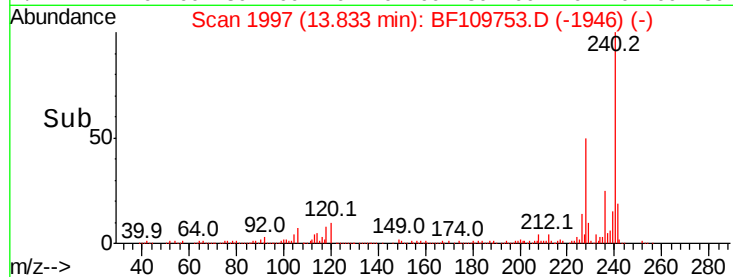
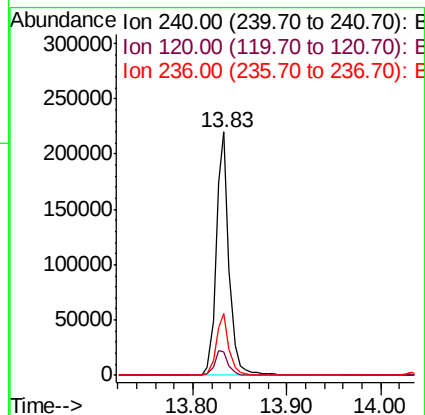
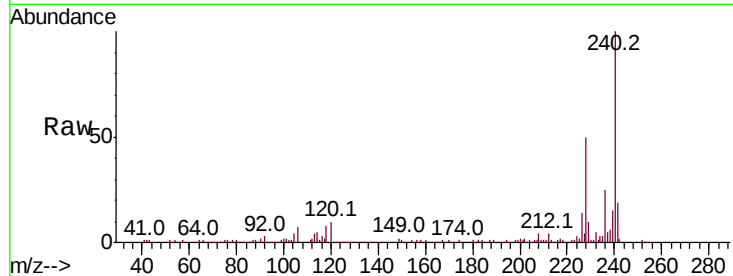
ClientSampleId :

RBR200035MS

Tot Ion	Ratio	Resp	Lower	Upper
240	100	212444		
120	9.6	8.3	12.5	
236	25.3	21.2	31.8	

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#76

Benzidine

Concen: 22.023 ng

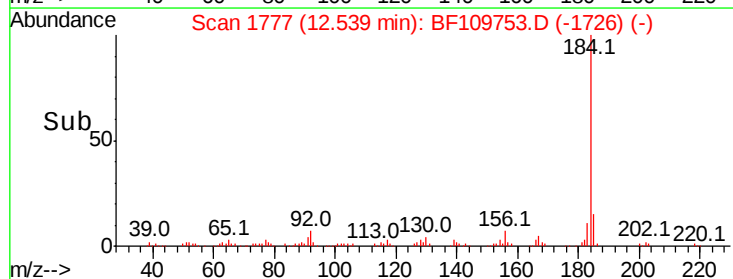
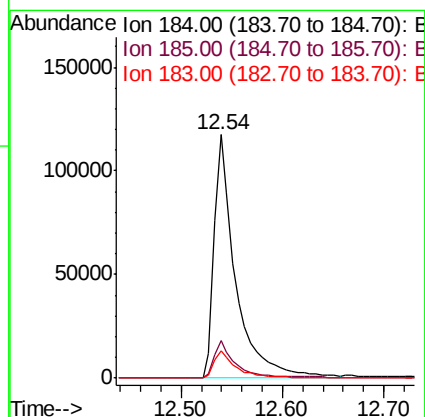
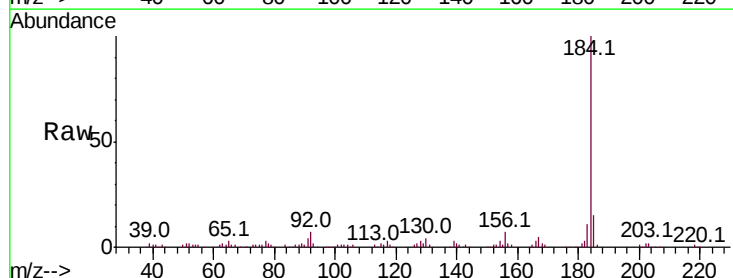
RT: 12.54 min Scan# 1777

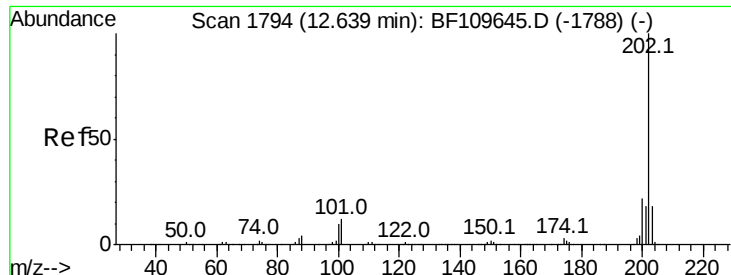
Delta R.T. -0.00 min

Lab File: BF109753.D

Acq: 10 Oct 2018 20:16

Tgt Ion	Ratio	Resp	Lower	Upper
184	100	173804		
185	15.2	13.4	20.2	
183	11.4	9.4	14.2	





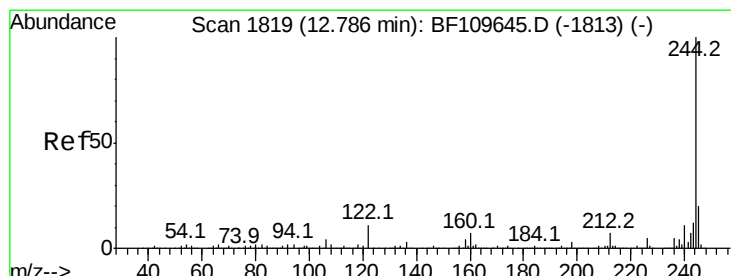
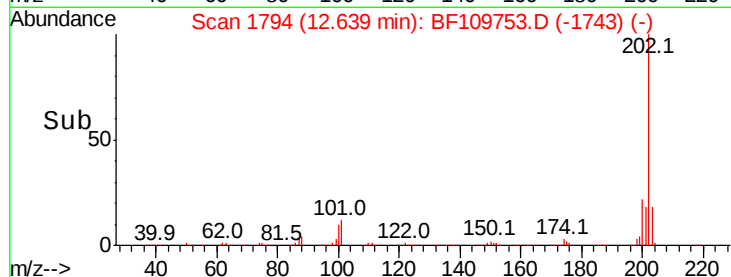
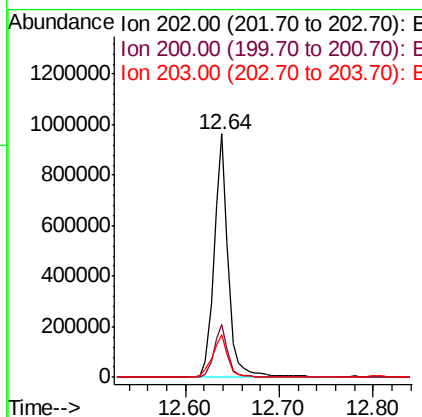
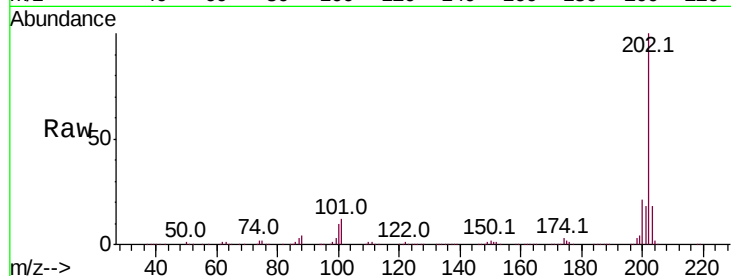
#77
Pvrene
Concen: 64.981 ng
RT: 12.64 min Scan# 1794
Delta R.T. -0.00 min
Lab File: BF109753.D
Acq: 10 Oct 2018 20:16

Instrument :
BNA_F
ClientSampleId :
RBR200035MS

Tot Ion	Ratio	Lower	Upper
202	100		
200	21.5	17.8	26.6
203	17.7	14.2	21.4

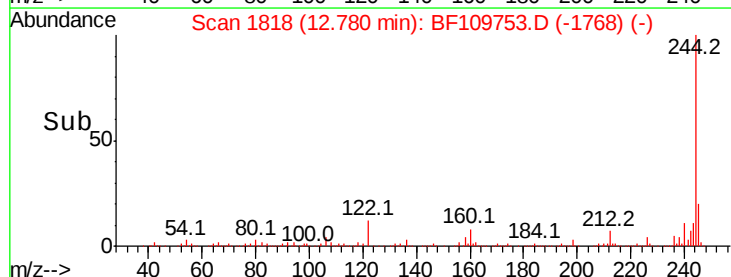
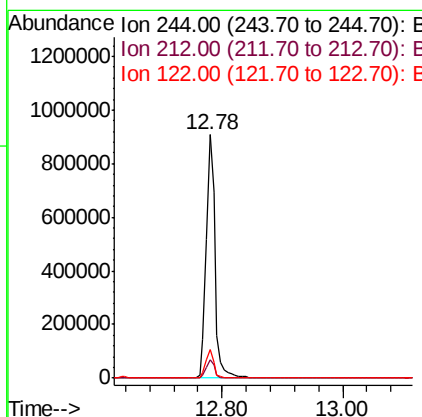
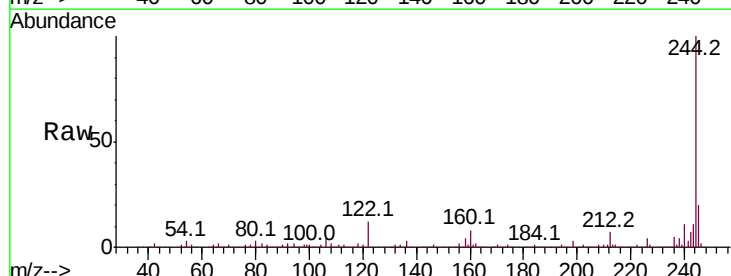
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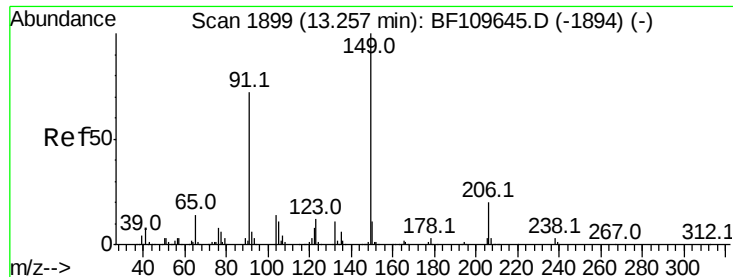
Sohil
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#78
Terphenyl-d14
Concen: 84.409 ng
RT: 12.78 min Scan# 1818
Delta R.T. -0.01 min
Lab File: BF109753.D
Acq: 10 Oct 2018 20:16

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.3	5.8	8.8
122	11.6	8.7	13.1





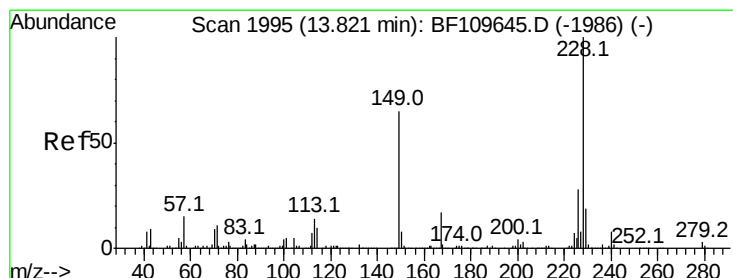
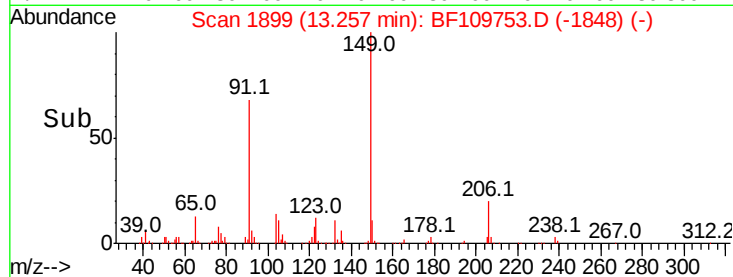
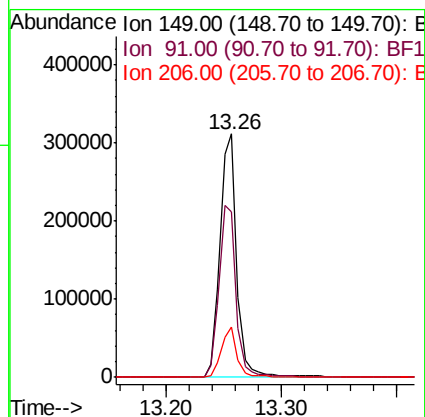
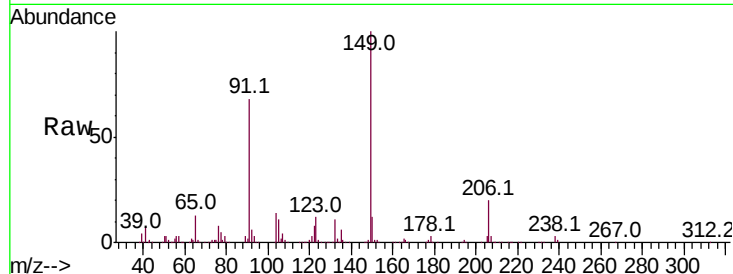
#79
Butylbenzylphthalate
Concen: 46.789 ng
RT: 13.26 min Scan# 1899
Delta R.T. -0.00 min
Lab File: BF109753.D
Acq: 10 Oct 2018 20:16

Instrument :
BNA_F
ClientSampleId :
RBR200035MS

Tot Ion	Ratio	Lower	Upper
149	100		
91	67.8	57.2	85.8
206	20.5	15.7	23.5

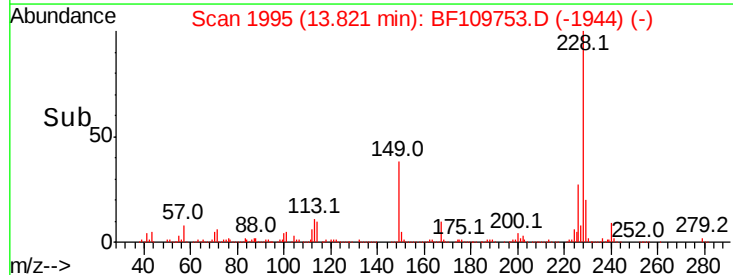
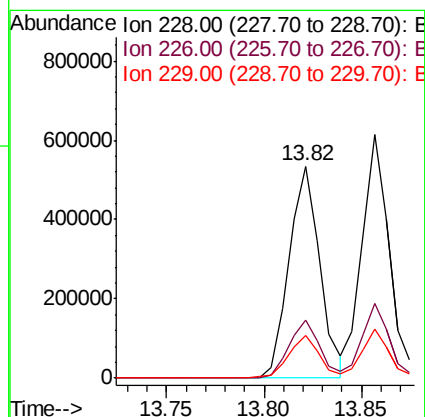
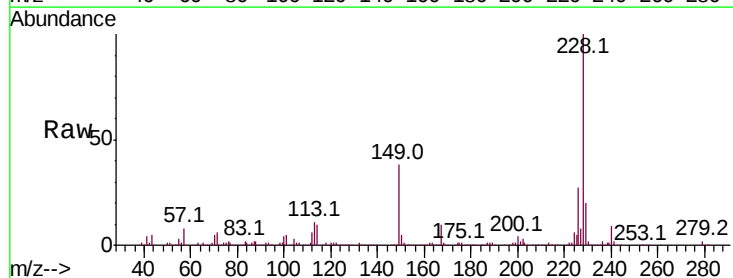
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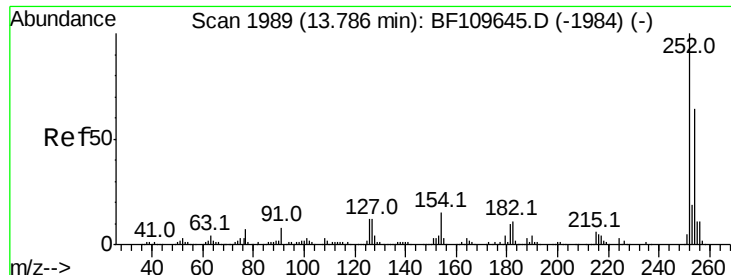
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#80
Benzo(a)anthracene
Concen: 49.887 ng
RT: 13.82 min Scan# 1995
Delta R.T. -0.00 min
Lab File: BF109753.D
Acq: 10 Oct 2018 20:16

Tgt Ion	Ratio	Lower	Upper
228	100		
226	27.3	22.1	33.1
229	20.0	15.6	23.4





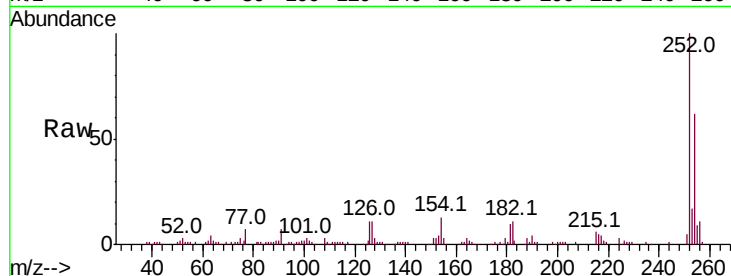
#81
 3,3'-Dichlorobenzidine
 Concen: 23.477 ng
 RT: 13.79 min Scan# 1989
 Delta R.T. -0.00 min
 Lab File: BF109753.D
 Acq: 10 Oct 2018 20:16

Instrument :
 BNA_F
 ClientSampleId :
 RBR200035MS

Tot Ion	Ratio	Resp	Lower	Upper
252	100			
254	62.3	51.3	76.9	
126	10.6	9.4	14.2	

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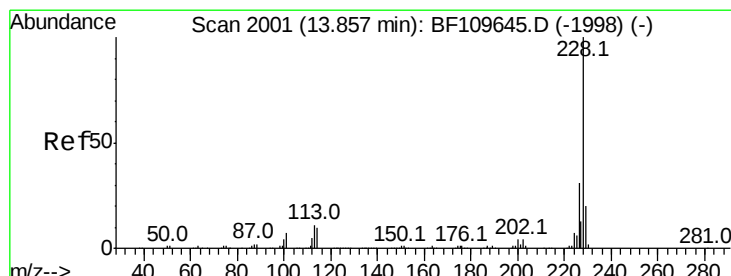
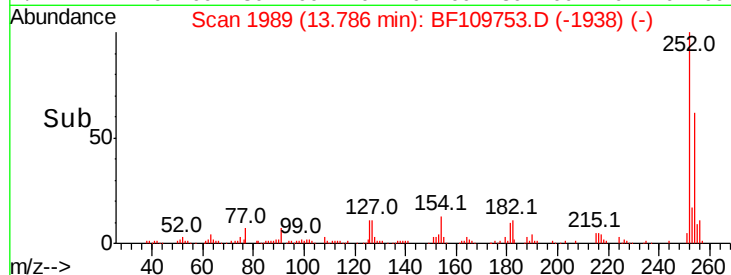
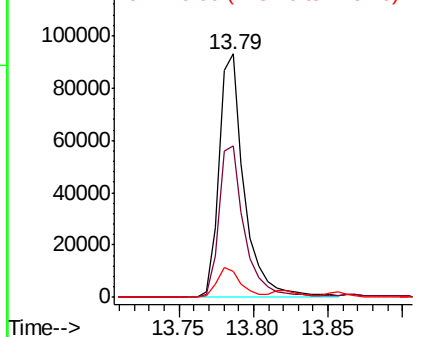


Abundance

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: 48.871 ng
 RT: 13.86 min Scan# 2001
 Delta R.T. -0.00 min
 Lab File: BF109753.D
 Acq: 10 Oct 2018 20:16

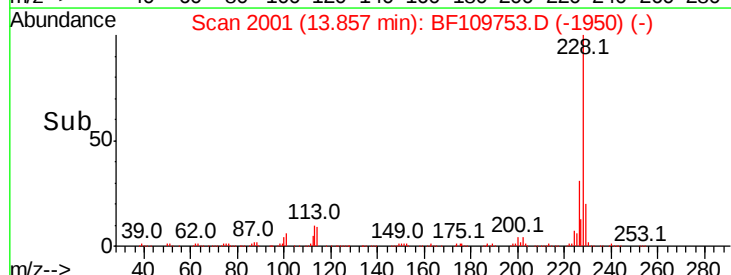
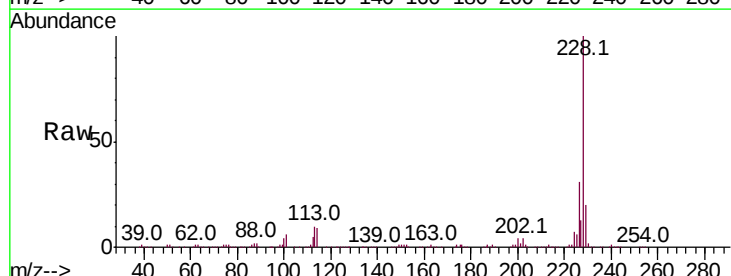
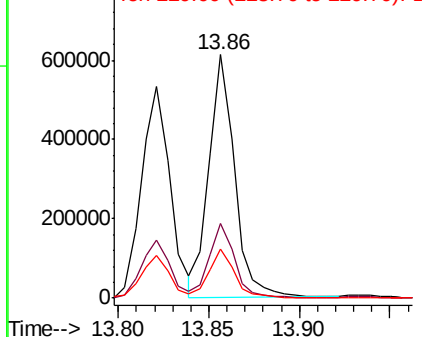
Tgt Ion	Ratio	Resp	Lower	Upper
228	100			
226	30.8	24.7	37.1	
229	20.1	15.9	23.9	

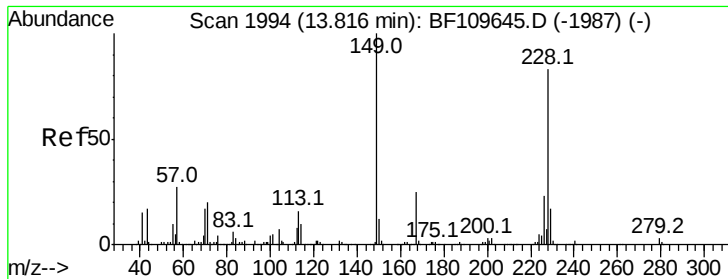
Abundance

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





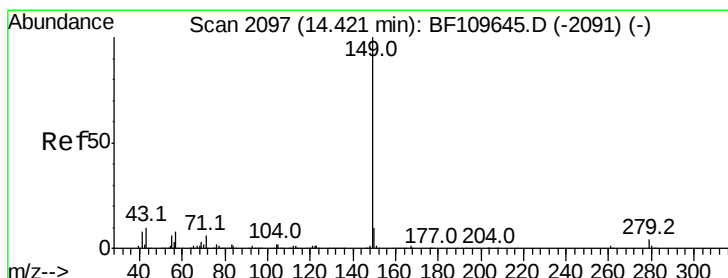
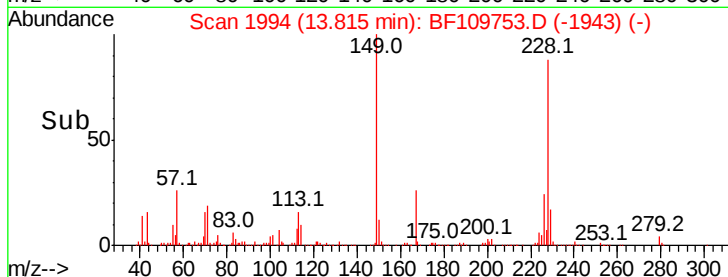
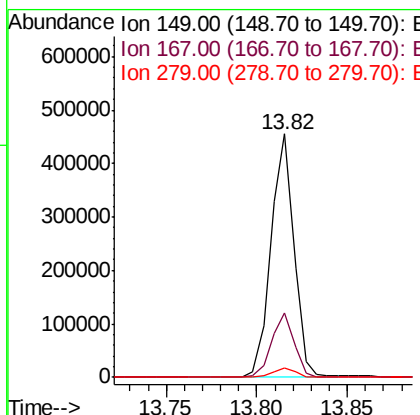
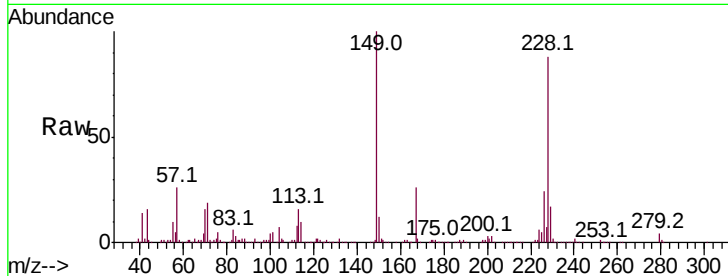
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 48.765 ng
 RT: 13.82 min Scan# 1994
 Delta R.T. -0.00 min
 Lab File: BF109753.D
 Acq: 10 Oct 2018 20:16

Instrument :
 BNA_F
 ClientSampleId :
 RBR200035MS

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

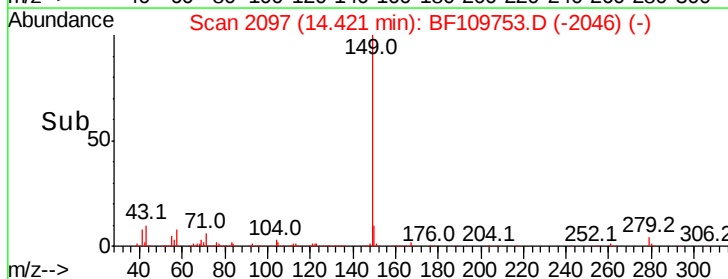
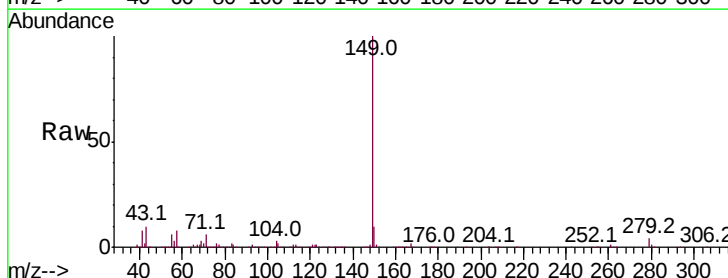
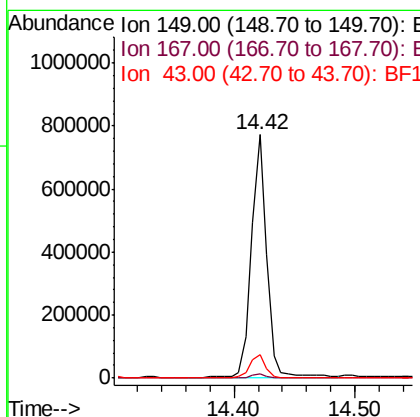
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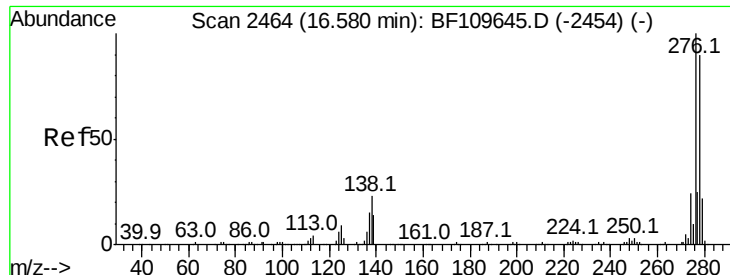
Sohil
 10/11/2018 2:02:46 PM



#84
 Di-n-octyl phthalate
 Concen: 52.855 ng
 RT: 14.42 min Scan# 2097
 Delta R.T. -0.00 min
 Lab File: BF109753.D
 Acq: 10 Oct 2018 20:16

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





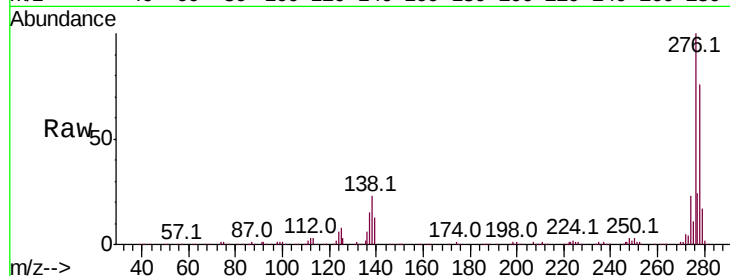
#85
Indeno(1,2,3-cd)pyrene
Concen: 66.996 ng
RT: 16.58 min Scan# 2464
Delta R.T. -0.00 min
Lab File: BF109753.D
Acq: 10 Oct 2018 20:16

Instrument :
BNA_F
ClientSampleId :
RBR200035MS

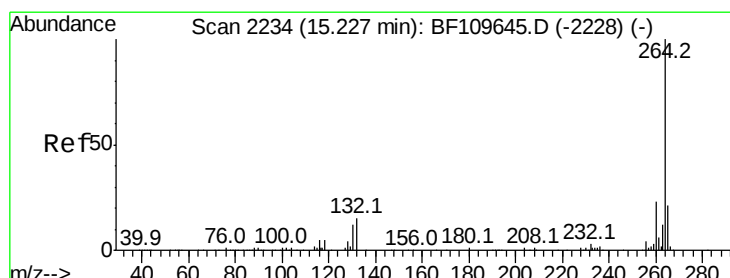
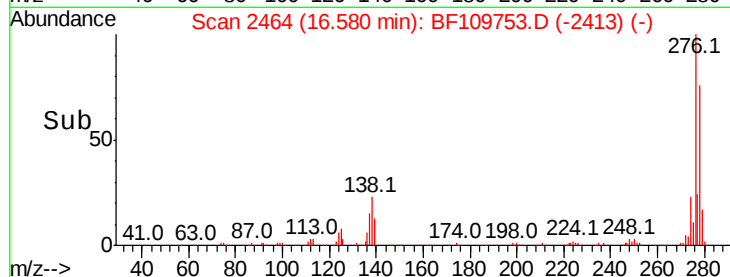
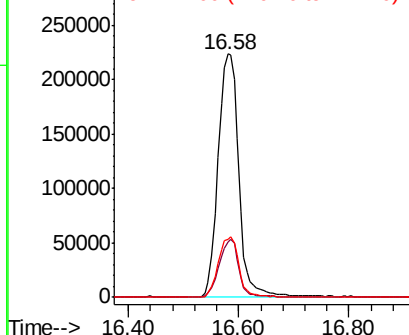
Tot Ion	Ratio	Lower	Upper
276	100		
138	22.7	18.5	27.7
277	24.8	20.0	30.0

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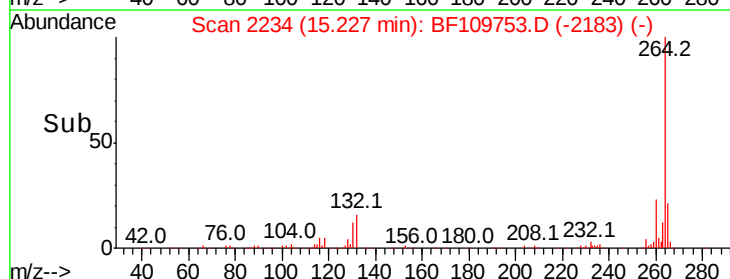
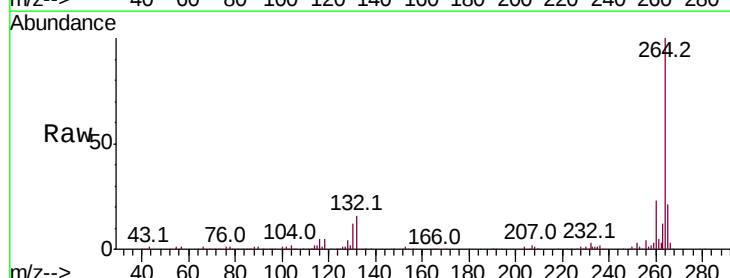
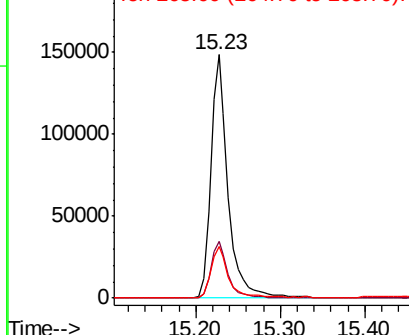
Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E

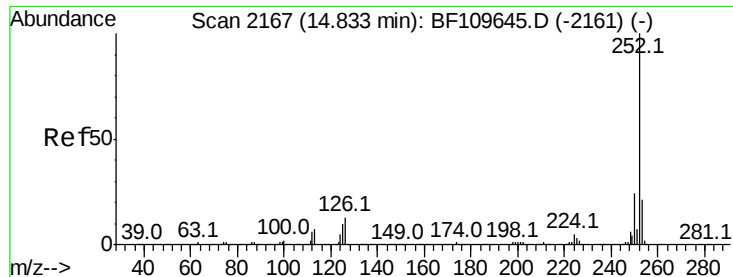


#86
Perylene-d12
Concen: 20.000 ng
RT: 15.23 min Scan# 2234
Delta R.T. -0.00 min
Lab File: BF109753.D
Acq: 10 Oct 2018 20:16

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.4	18.7	28.1
265	21.5	16.7	25.1

Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E





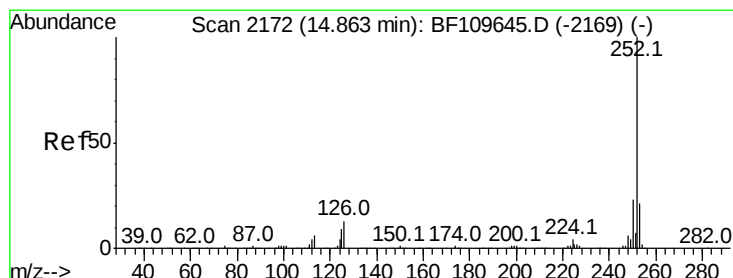
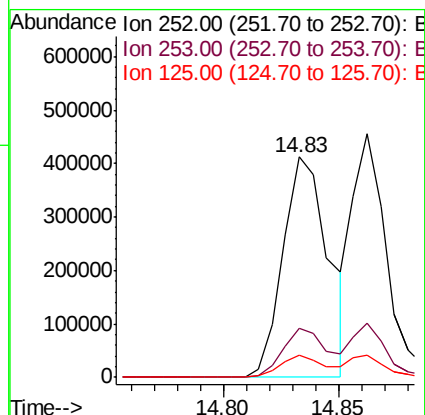
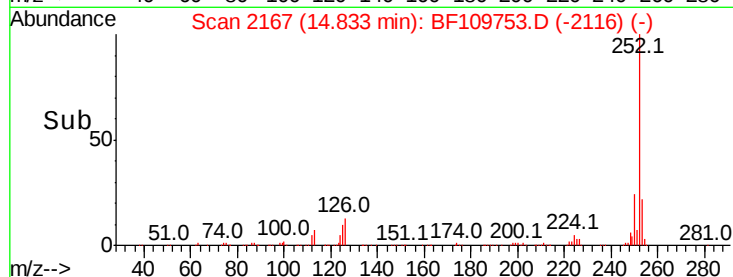
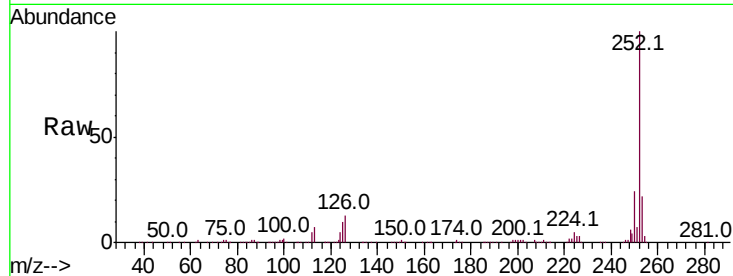
#87
Benzo(b)fluoranthene
Concen: 47.905 ng
RT: 14.83 min Scan# 2167
Delta R.T. -0.00 min
Lab File: BF109753.D
Acq: 10 Oct 2018 20:16

Instrument :
BNA_F
ClientSampleId :
RBR200035MS

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.4	17.2	25.8
125	9.9	8.2	12.4

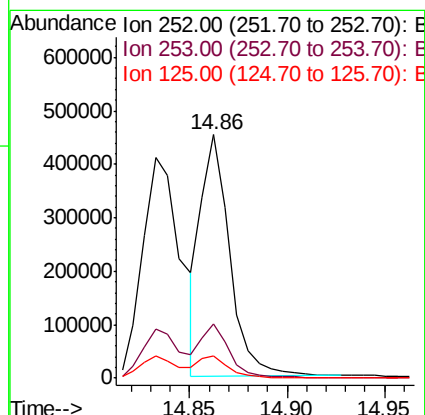
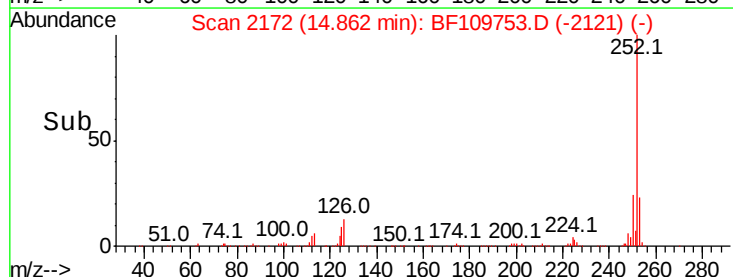
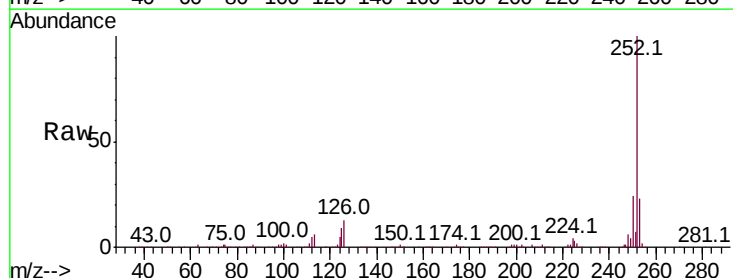
Manual Integrations
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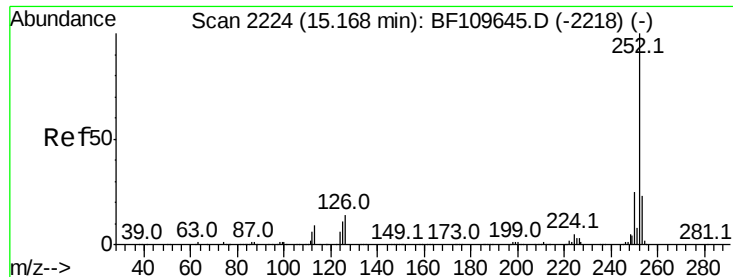
Sohil
10/11/2018 2:02:46 PM



#88
Benzo(k)fluoranthene
Concen: 39.572 ng
RT: 14.86 min Scan# 2172
Delta R.T. -0.00 min
Lab File: BF109753.D
Acq: 10 Oct 2018 20:16

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.5	17.2	25.8
125	9.3	7.4	11.0





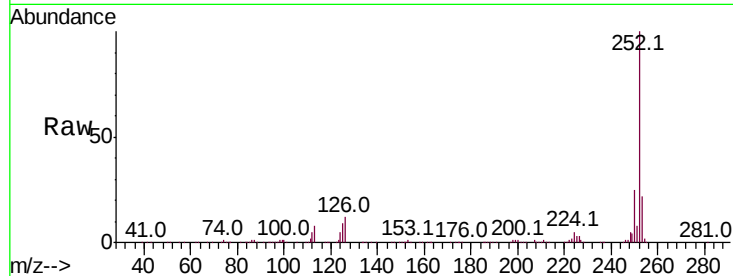
#89
Benzo(a)pyrene
Concen: 46.298 ng
RT: 15.17 min Scan# 2225
Delta R.T. 0.01 min
Lab File: BF109753.D
Acq: 10 Oct 2018 20:16

Instrument :
BNA_F
ClientSampleId :
RBR200035MS

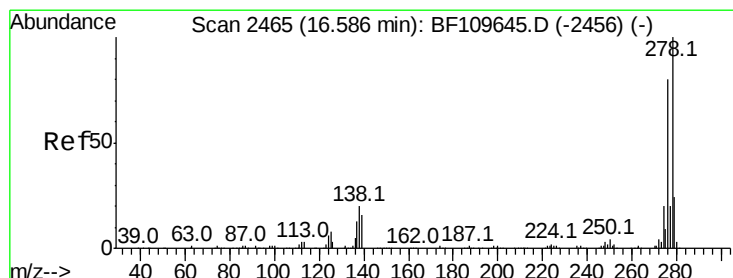
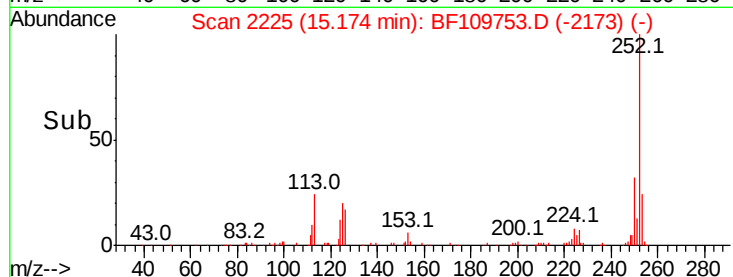
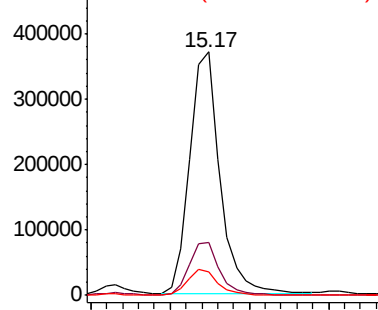
Tot Ion	Ratio	Lower	Upper
252	100		
253	21.8	18.2	27.4
125	9.4	9.0	13.6

Manual Integrations
APPROVED

Sohil
10/11/2018 2:02:46 PM

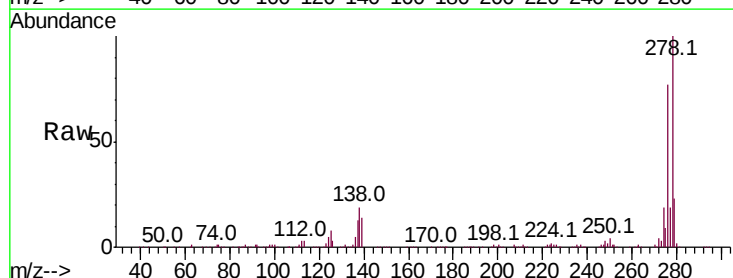


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

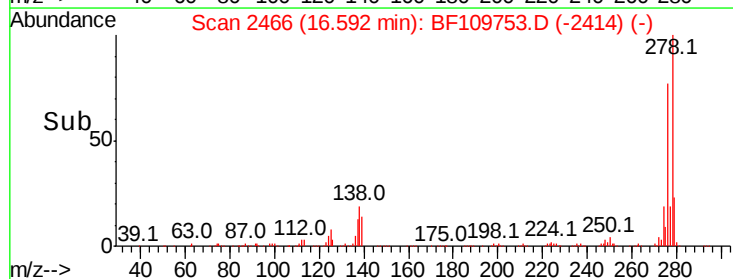
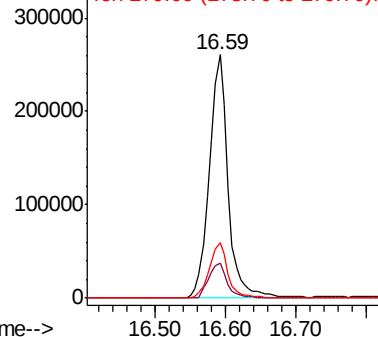


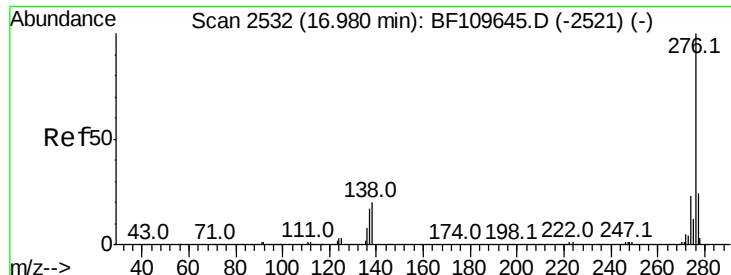
#90
Dibenzo(a,h)anthracene
Concen: 55.277 ng
RT: 16.59 min Scan# 2466
Delta R.T. 0.01 min
Lab File: BF109753.D
Acq: 10 Oct 2018 20:16

Tgt Ion	Ratio	Lower	Upper
278	100		
139	14.3	12.7	19.1
279	22.7	19.0	28.4



Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E





#91
 Benzo(a,h,i)perylene
 Concen: 57.252 ng
 RT: 16.99 min Scan# 2533
 Delta R.T. 0.01 min
 Lab File: BF109753.D
 Acq: 10 Oct 2018 20:16

Instrument :
 BNA_F
 ClientSampleId :
 RBR200035MS

Tot Ion:	276	Resp:	500129
Ion Ratio	Lower	Upper	
276	100		
277	23.4	18.8	28.2
138	19.7	16.0	24.0

Manual Integrations
 APPROVED

Sohil
 10/11/2018 2:02:46 PM

