

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF101218\
 Data File : BF109827.D
 Acq On : 12 Oct 2018 12:18
 Operator : JU/SJ
 Sample : PB113657BS
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB113657BS

Manual Integrations
 APPROVED

Sohil
 10/15/2018 10:28:17 AM

Quant Time: Oct 12 13:15:52 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	83445	20.00	ng	0.00
21) Naphthalene-d8	7.97	136	361925	20.00	ng	0.00
38) Acenaphthene-d10	9.73	164	175902	20.00	ng	0.00
63) Phenanthrene-d10	11.20	188	331100	20.00	ng	0.00
75) Chrysene-d12	13.83	240	229952	20.00	ng	0.00
86) Perylene-d12	15.23	264	189646	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.33	112	655127	139.36	ng	0.00
7) Phenol-d6	6.35	99	820677	130.68	ng	0.00
23) Nitrobenzene-d5	7.26	82	513478	78.21	ng	0.00
41) 2,4,6-Tribromophenol	10.52	330	233671	121.92	ng	0.00
44) 2-Fluorobiphenyl	9.05	172	1001932	78.45	ng	0.00
78) Terphenyl-d14	12.78	244	756281	63.67	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.50	88	98219	39.810	ng	98
3) Pyridine	3.22	79	214099m	42.062	ng	
4) n-Nitrosodimethylamine	3.15	42	83915	45.674	ng	93
6) Aniline	6.36	93	241239	32.976	ng	# 62
8) 2-Chlorophenol	6.49	128	252315	43.641	ng	98
9) Benzaldehyde	6.25	77	120725	29.873	ng	93
10) Phenol	6.36	94	290988	40.408	ng	86
11) bis(2-Chloroethyl)ether	6.43	93	211813	35.479	ng	99
12) 1,3-Dichlorobenzene	6.63	146	270123	40.849	ng	99
13) 1,4-Dichlorobenzene	6.71	146	296979	41.200	ng	99
14) 1,2-Dichlorobenzene	6.86	146	265384	41.922	ng	99
15) Benzyl Alcohol	6.85	79	198796	42.699	ng	99
16) 2,2'-oxybis(1-Chloropropan	6.97	45	323081	40.812	ng	98
17) 2-Methylphenol	6.96	107	200838	43.927	ng	91
18) Hexachloroethane	7.20	117	106748	41.897	ng	98
19) n-Nitroso-di-n-propylamine	7.12	70	182446	41.427	ng	98
20) 3+4-Methylphenols	7.12	107	241996	42.954	ng	97
22) Acetophenone	7.11	105	362737	41.446	ng	# 98
24) Nitrobenzene	7.28	77	268803	39.345	ng	99
25) Isophorone	7.52	82	495570	45.454	ng	97
26) 2-Nitrophenol	7.60	139	127386	39.862	ng	96
27) 2,4-Dimethylphenol	7.65	122	214564	46.496	ng	99
28) bis(2-Chloroethoxy)methane	7.73	93	310968	42.167	ng	98
29) 2,4-Dichlorophenol	7.85	162	221151	42.725	ng	98
30) 1,2,4-Trichlorobenzene	7.92	180	224135	39.116	ng	98
31) Naphthalene	8.00	128	713629	42.635	ng	100
32) Benzoic acid	7.80	122	125901m	38.159	ng	
33) 4-Chloroaniline	8.06	127	187234	25.402	ng	97
34) Hexachlorobutadiene	8.12	225	139189	39.068	ng	98
35) Caprolactam	8.43	113	62803m	40.627	ng	
36) 4-Chloro-3-methylphenol	8.55	107	232005	42.462	ng	99
37) 2-Methylnaphthalene	8.69	142	483772	44.124	ng	98
39) 1,2,4,5-Tetrachlorobenzene	8.86	216	229805	38.379	ng	99
40) Hexachlorocyclopentadiene	8.85	237	222481	84.419	ng	99

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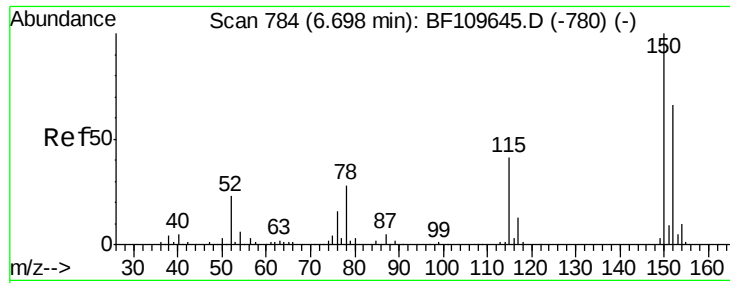
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	8.97	196	140752	39.322	nq	99
43) 2,4,5-Trichlorophenol	9.02	196	167376	40.668	nq	99
45) 1,1'-Biphenyl	9.15	154	611302	38.901	nq	100
46) 2-Chloronaphthalene	9.17	162	466244	39.603	nq	99
47) 2-Nitroaniline	9.28	65	143994	40.394	nq	92
48) Acenaphthylene	9.59	152	734847	42.815	nq	99
49) Dimethylphthalate	9.46	163	524293	40.641	nq	100
50) 2,6-Dinitrotoluene	9.52	165	112807	40.339	nq	89
51) Acenaphthene	9.76	154	414385	40.728	nq	99
52) 3-Nitroaniline	9.69	138	84221	26.867	nq	96
53) 2,4-Dinitrophenol	9.80	184	77930	86.374	nq	100
54) Dibenzofuran	9.93	168	610357	40.020	nq	100
55) 4-Nitrophenol	9.87	139	119908	69.883	nq	89
56) 2,4-Dinitrotoluene	9.93	165	143229	41.042	nq	91
57) Fluorene	10.27	166	491874	43.187	nq	99
58) 2,3,4,6-Tetrachlorophenol	10.06	232	137758	41.177	nq	99
59) Diethylphthalate	10.15	149	513462	40.170	nq	99
60) 4-Chlorophenyl-phenylether	10.26	204	234671	39.056	nq	97
61) 4-Nitroaniline	10.31	138	115399	39.751	nq	99
62) Azobenzene	10.43	77	543387	41.863	nq	97
64) 4,6-Dinitro-2-methylphenol	10.34	198	58408	36.244	nq	96
65) n-Nitrosodiphenylamine	10.39	169	444315	39.585	nq	100
66) 4-Bromophenyl-phenylether	10.75	248	147812	38.853	nq	94
67) Hexachlorobenzene	10.82	284	158133	38.386	nq	# 93
68) Atrazine	10.92	200	143654	41.010	nq	99
69) Pentachlorophenol	11.02	266	154319	66.571	nq	99
70) Phenanthrene	11.23	178	706567	42.643	nq	99
71) Anthracene	11.28	178	763439	44.572	nq	100
72) Carbazole	11.44	167	666249	40.106	nq	99
73) Di-n-butylphthalate	11.77	149	779402	40.451	nq	99
74) Fluoranthene	12.41	202	740440	42.775	nq	99
76) Benzidine	12.54	184	380810	44.580	nq	97
77) Pyrene	12.64	202	732247	43.463	nq	99
79) Butylbenzylphthalate	13.26	149	313790	42.959	nq	97
80) Benzo(a)anthracene	13.82	228	547780	43.167	nq	100
81) 3,3'-Dichlorobenzidine	13.79	252	137208	26.853	nq	98
82) Chrysene	13.86	228	580073	43.520	nq	99
83) Bis(2-ethylhexyl)phthalate	13.82	149	377557	42.367	nq	99
84) Di-n-octyl phthalate	14.42	149	603070	42.813	nq	100
85) Indeno(1,2,3-cd)pyrene	16.59	276	448289	46.988	nq	99
87) Benzo(b)fluoranthene	14.84	252	444729	42.435	nq	98
88) Benzo(k)fluoranthene	14.86	252	458646	43.556	nq	99
89) Benzo(a)pyrene	15.17	252	429851	45.198	nq	98
90) Dibenzo(a,h)anthracene	16.59	278	367806	47.090	nq	98
91) Benzo(g,h,i)perylene	16.99	276	378850	48.572	nq	99

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



#1

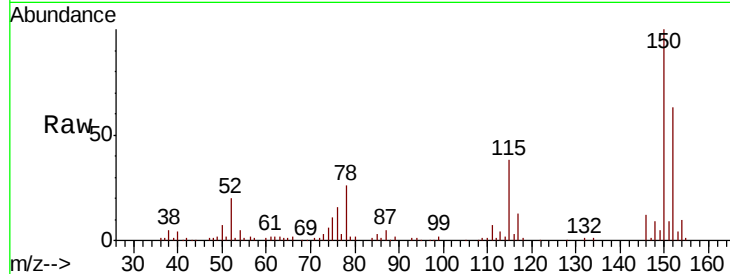
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.70 min Scan# 784
Delta R.T. 0.00 min
Lab File: BF109827.D
Acq: 12 Oct 2018 12:18

Instrument :
BNA_F
ClientSampleId :
PB113657BS

Tot Ion	Ratio	Lower	Upper
152	100		
150	159.9	122.7	184.1
115	60.5	49.1	73.7

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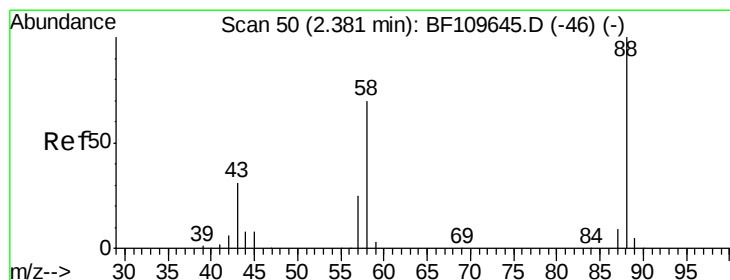
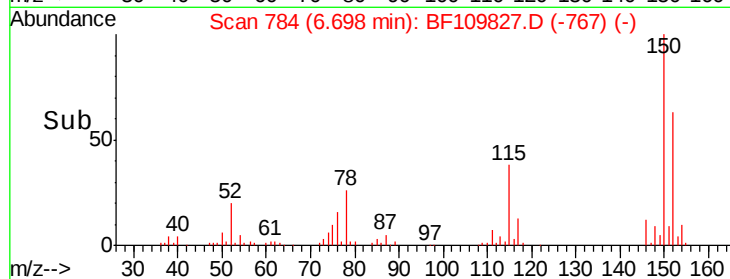
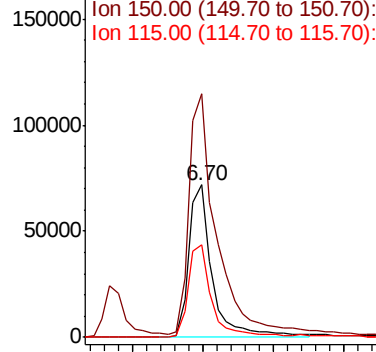


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

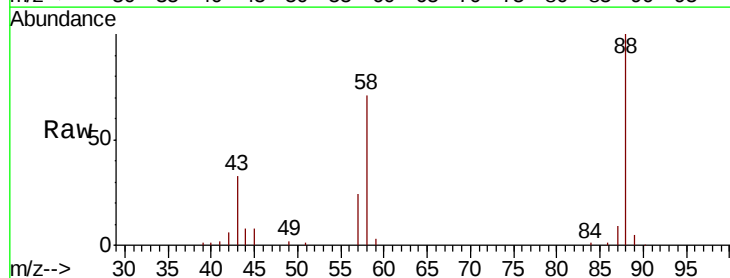
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 39.810 ng
RT: 2.50 min Scan# 70
Delta R.T. 0.12 min
Lab File: BF109827.D
Acq: 12 Oct 2018 12:18

Tgt Ion	Ratio	Lower	Upper
88	100		
58	72.0	57.1	85.7
43	32.9	24.1	36.1

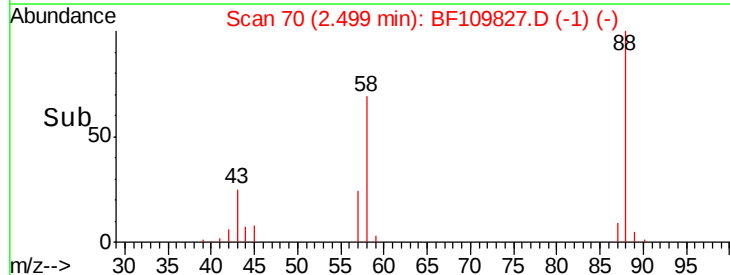
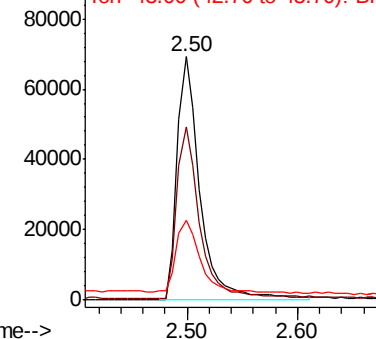


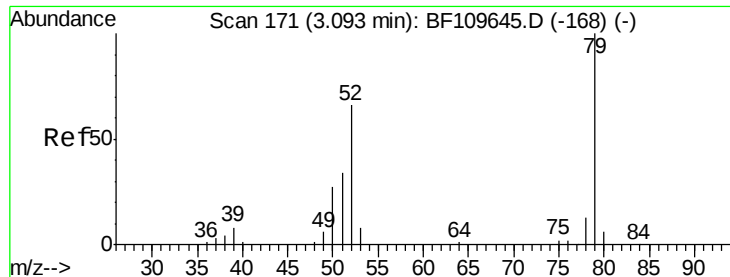
Abundance

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: 42.062 ng/ml

RT: 3.22 min Scan# 192

Delta R.T. 0.12 min

Lab File: BF109827.D

Acq: 12 Oct 2018 12:18

Instrument :

BNA_F

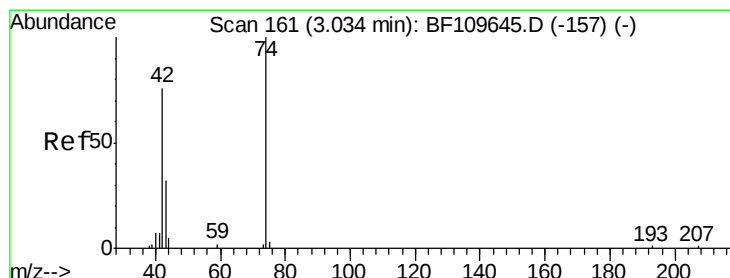
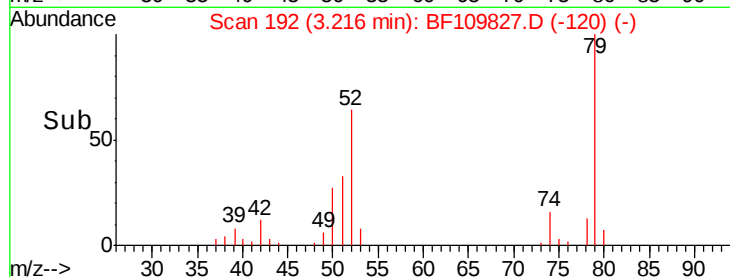
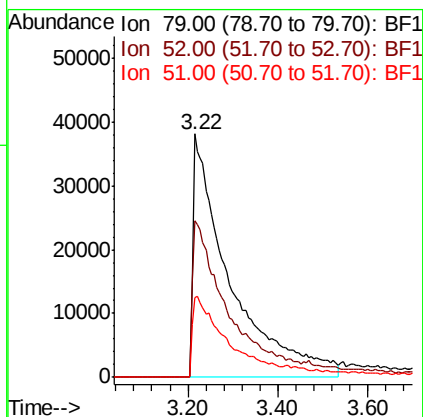
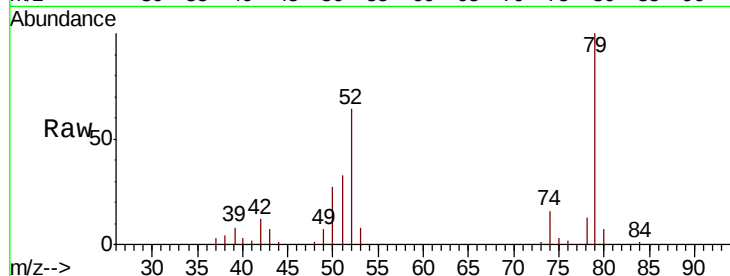
ClientSampleID :

PB113657BS

Tot Ion:	79	Resp:	214099
Ion Ratio	Lower	Upper	
79	100		
52	64.2	53.1	79.7
51	32.8	27.4	41.2

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#4

n-Nitrosodimethylamine

Concen: 45.674 ng/ml

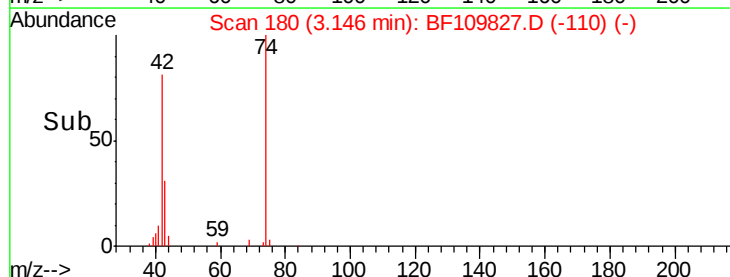
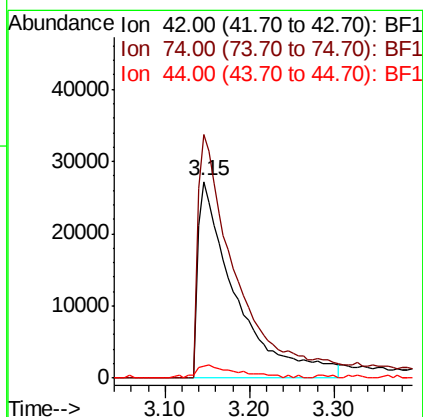
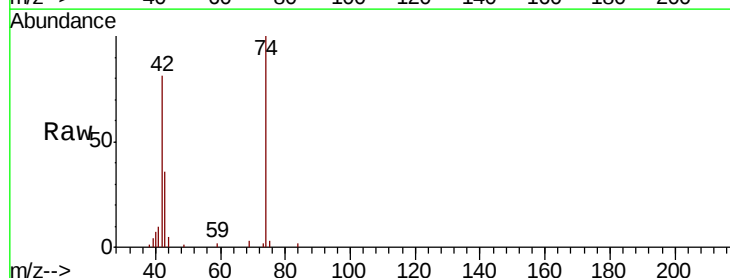
RT: 3.15 min Scan# 180

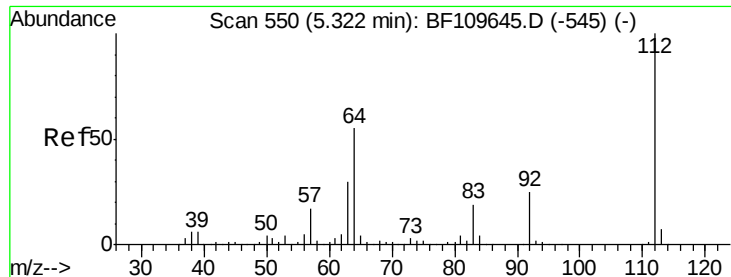
Delta R.T. 0.11 min

Lab File: BF109827.D

Acq: 12 Oct 2018 12:18

Tgt Ion:	42	Resp:	83915
Ion Ratio	Lower	Upper	
42	100		
74	123.7	105.5	158.3
44	6.2	4.9	7.3





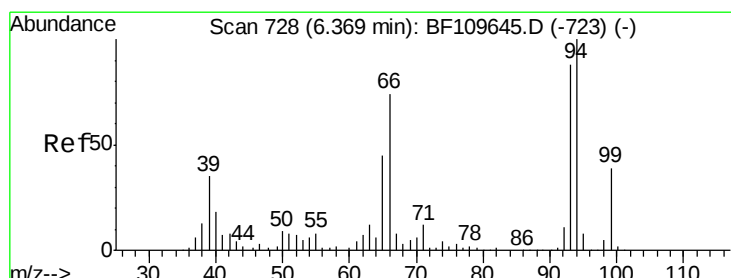
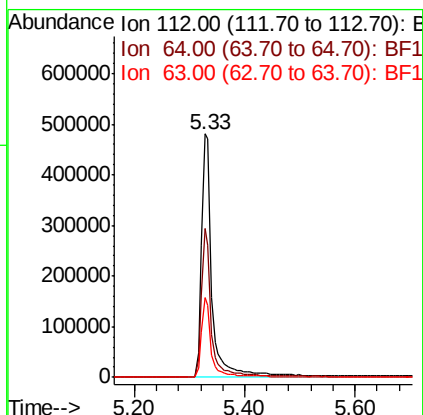
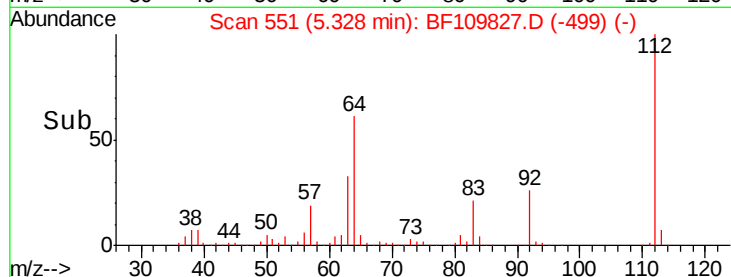
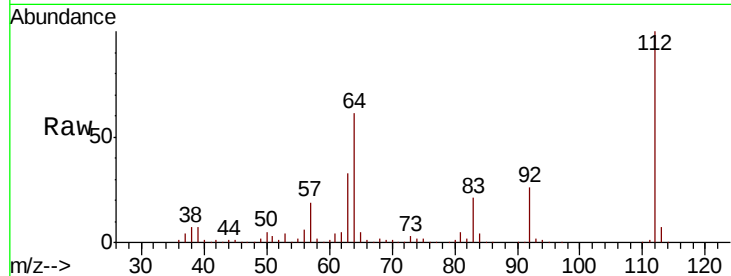
#5
2-Fluorophenol
Concen: 139.358 ng
RT: 5.33 min Scan# 551
Delta R.T. 0.01 min
Lab File: BF109827.D
Acq: 12 Oct 2018 12:18

Instrument :
BNA_F
ClientSampleId :
PB113657BS

Tot Ion	Ratio	Resp Lower	Upper
112	100		
64	61.4	44.1	66.1
63	32.6	23.7	35.5

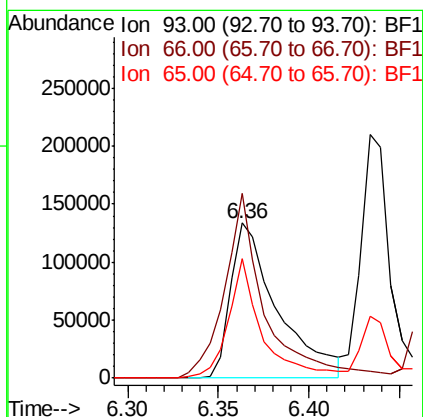
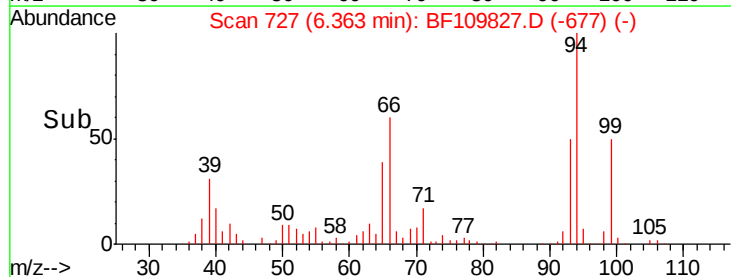
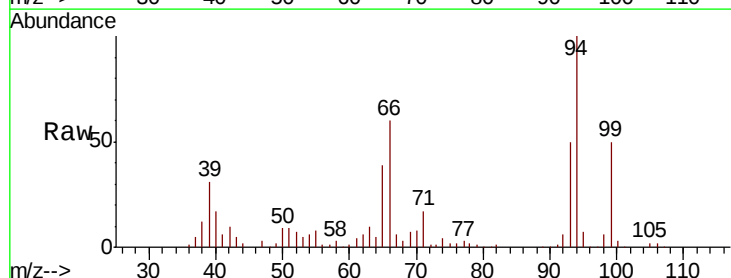
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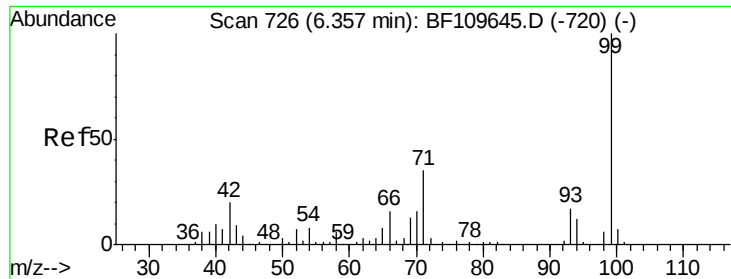
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#6
Aniline
Concen: 32.976 ng
RT: 6.36 min Scan# 727
Delta R.T. -0.01 min
Lab File: BF109827.D
Acq: 12 Oct 2018 12:18

Tgt Ion	Ratio	Resp Lower	Upper
93	100		
66	119.4	67.4	101.0#
65	77.2	41.0	61.4#





#7

Phenol-d6

Concen: 130.680 ng

RT: 6.35 min Scan# 725

Delta R.T. -0.01 min

Lab File: BF109827.D

Acq: 12 Oct 2018 12:18

Instrument :

BNA_F

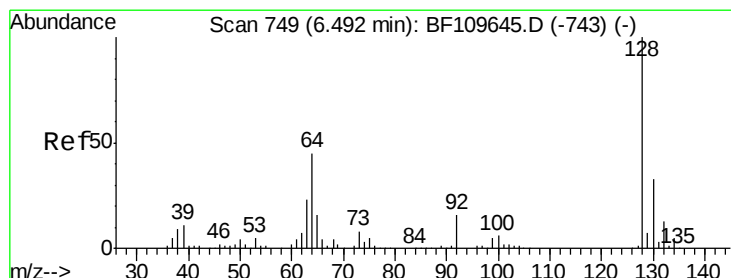
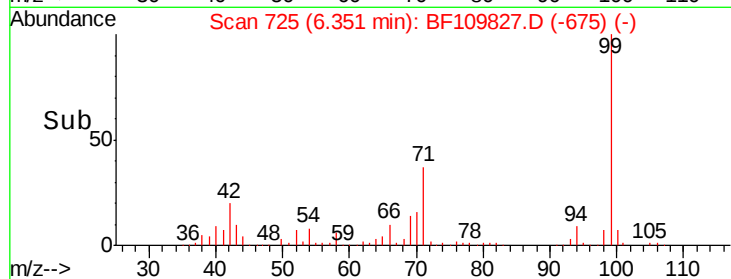
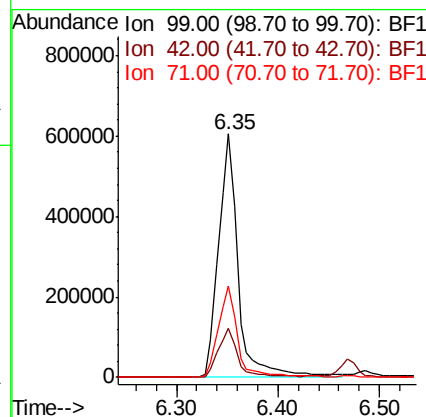
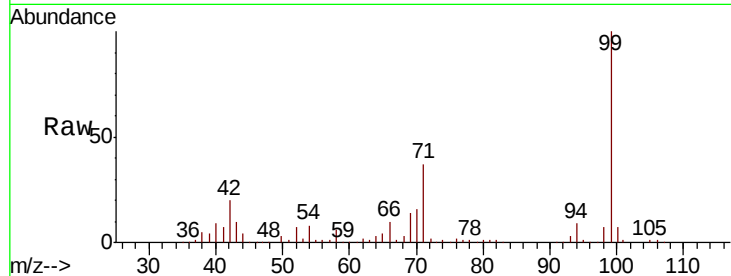
ClientSampleId :

PB113657BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
99	100		820677		
42	20.1	15.8	23.6		
71	37.3	28.0	42.0		

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#8

2-Chlorophenol

Concen: 43.641 ng

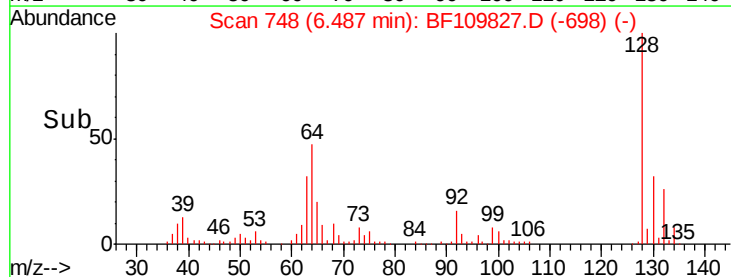
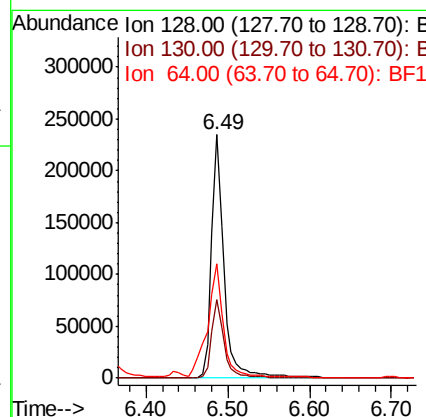
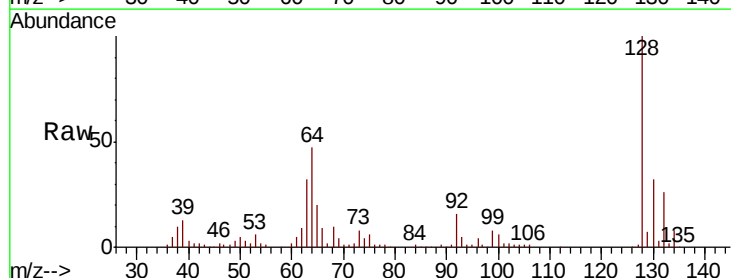
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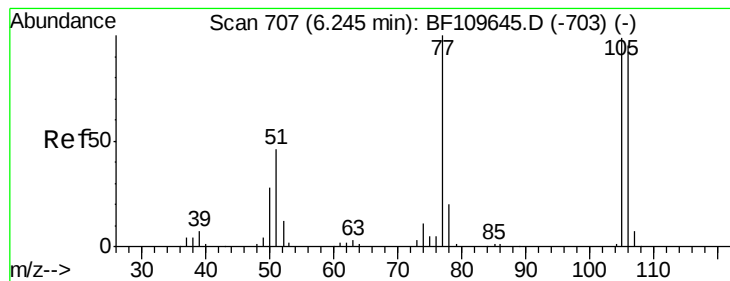
Delta R.T. -0.01 min

Lab File: BF109827.D

Acq: 12 Oct 2018 12:18

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
128	100		252315		
130	32.3	13.1	53.1		
64	47.1	26.0	66.0		





#9

Benzaldehyde

Concen: 29.873 ng

RT: 6.25 min Scan# 707

Delta R.T. 0.00 min

Lab File: BF109827.D

Acq: 12 Oct 2018 12:18

Instrument :

BNA_F

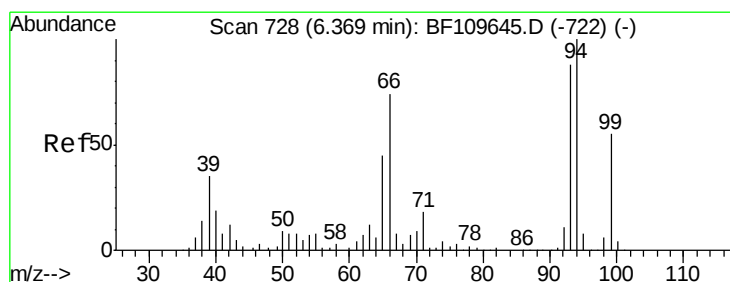
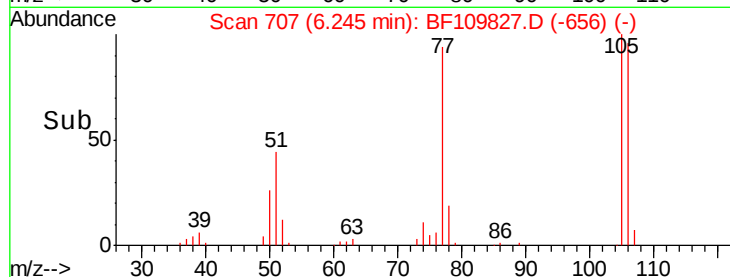
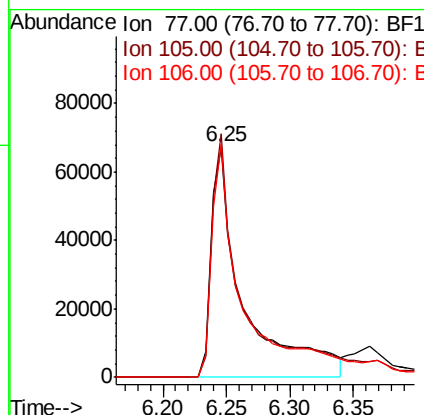
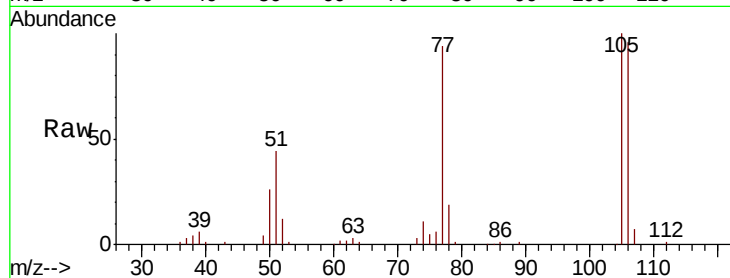
ClientSampleId :

PB113657BS

Tot Ion:	77	Resp:	120725
Ion	Ratio	Lower	Upper
77	100		
105	105.9	78.6	118.6
106	101.7	74.8	114.8

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#10

Phenol

Concen: 40.408 ng

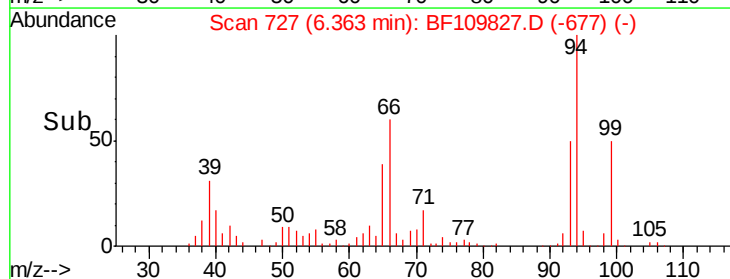
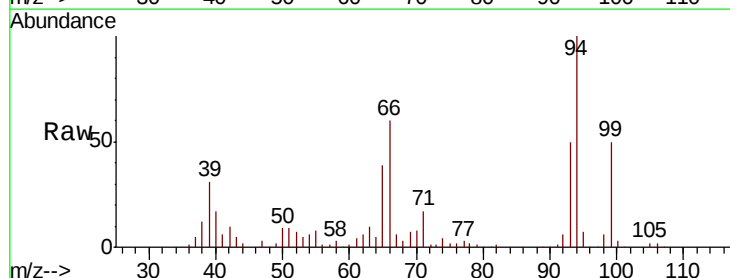
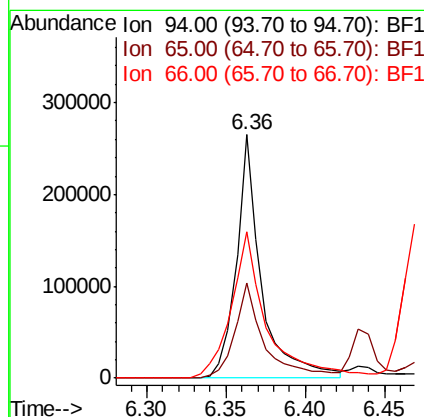
RT: 6.36 min Scan# 727

Delta R.T. -0.01 min

Lab File: BF109827.D

Acq: 12 Oct 2018 12:18

Tgt Ion:	94	Resp:	290988
Ion	Ratio	Lower	Upper
94	100		
65	38.9	25.3	65.3
66	60.2	54.5	94.5





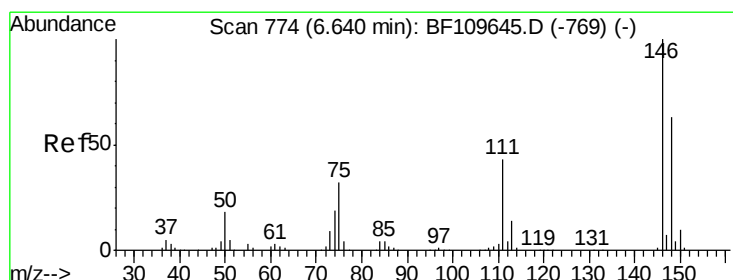
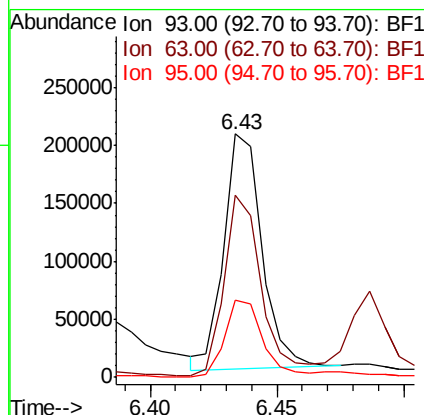
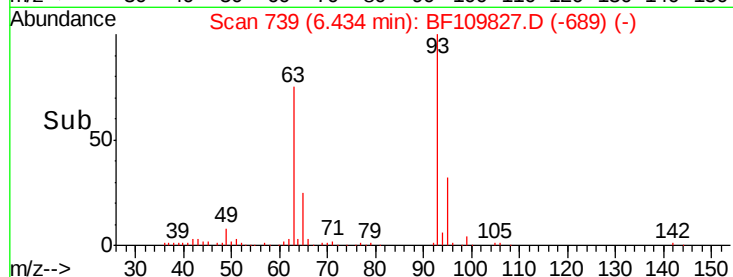
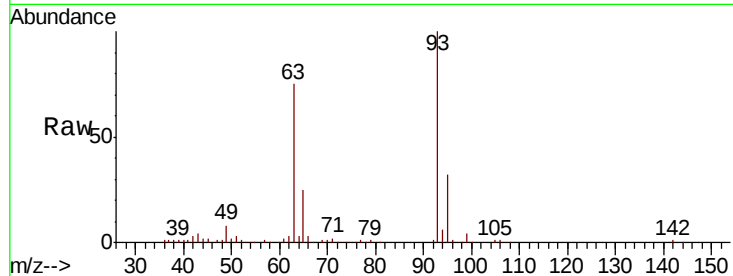
#11
bis(2-Chloroethyl)ether
Concen: 35.479 ng
RT: 6.43 min Scan# 739
Delta R.T. -0.01 min
Lab File: BF109827.D
Acq: 12 Oct 2018 12:18

Instrument :
BNA_F
ClientSampleId :
PB113657BS

Tot Ion:	93	Resp:	211813
Ion Ratio	Lower	Upper	
93	100		
63	74.9	53.4	93.4
95	31.7	12.1	52.1

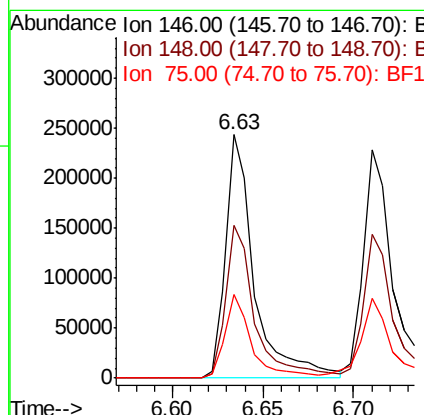
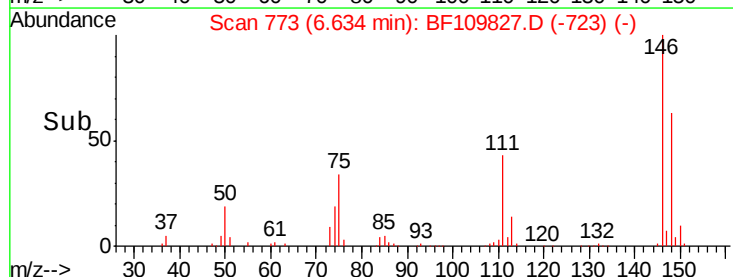
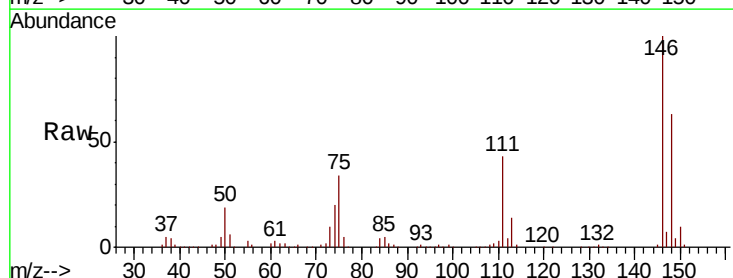
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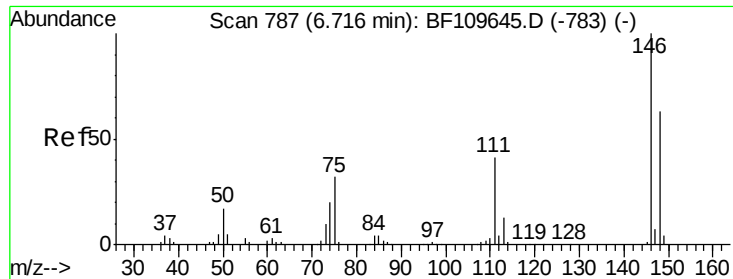
Sohil
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#12
1,3-Dichlorobenzene
Concen: 40.849 ng
RT: 6.63 min Scan# 773
Delta R.T. -0.01 min
Lab File: BF109827.D
Acq: 12 Oct 2018 12:18

Tgt Ion:	146	Resp:	270123
Ion Ratio	Lower	Upper	
146	100		
148	63.0	50.4	75.6
75	34.1	25.8	38.6





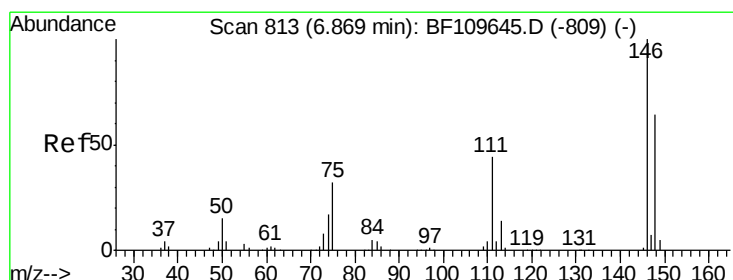
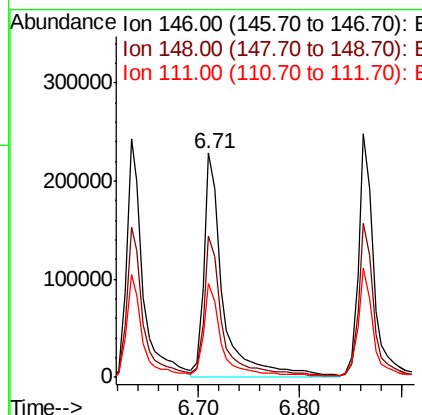
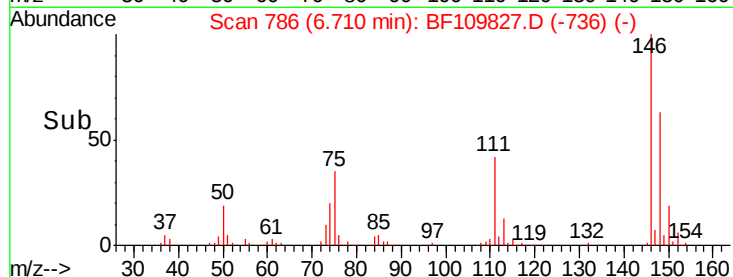
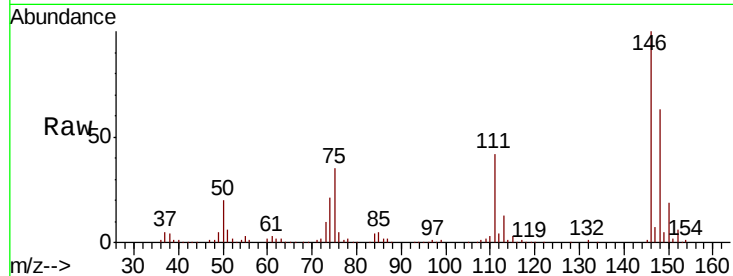
#13
 1,4-Dichlorobenzene
 Concen: 41.200 ng
 RT: 6.71 min Scan# 786
 Delta R.T. -0.01 min
 Lab File: BF109827.D
 Acq: 12 Oct 2018 12:18

Instrument :
 BNA_F
 ClientSampleId :
 PB113657BS

Tot Ion	Ratio	Lower	Upper
146	100		
148	62.8	50.3	75.5
111	42.0	32.7	49.1

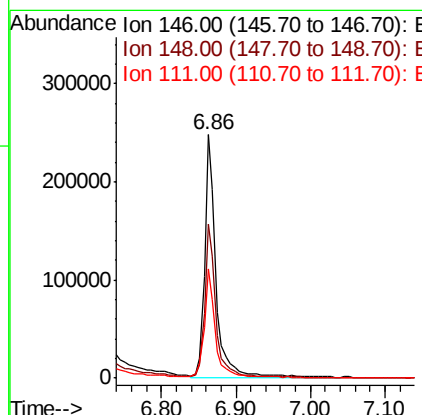
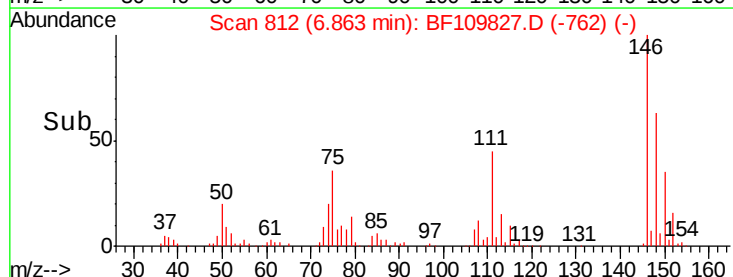
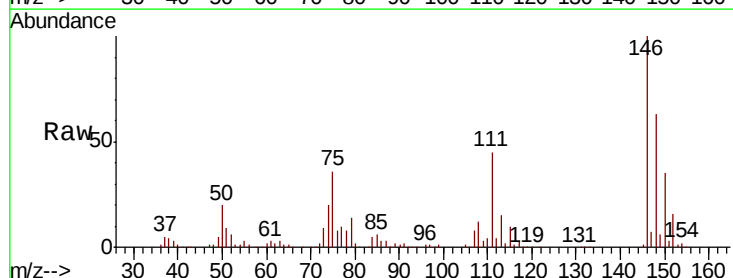
Manual Integrations
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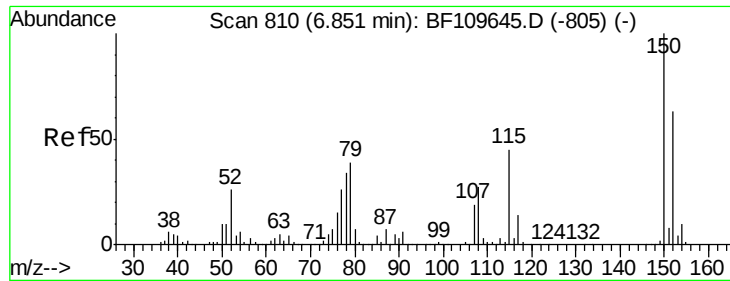
Sohil
 10/15/2018 10:28:17 AM



#14
 1,2-Dichlorobenzene
 Concen: 41.922 ng
 RT: 6.86 min Scan# 812
 Delta R.T. -0.01 min
 Lab File: BF109827.D
 Acq: 12 Oct 2018 12:18

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.5	51.1	76.7
111	45.0	35.8	53.6





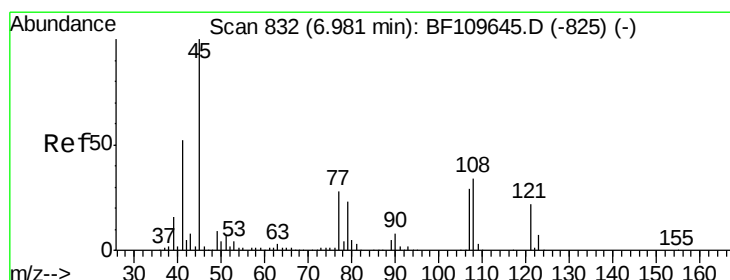
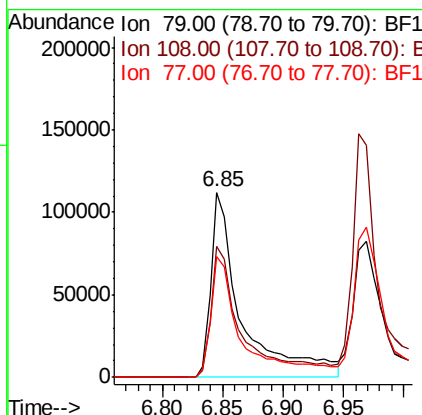
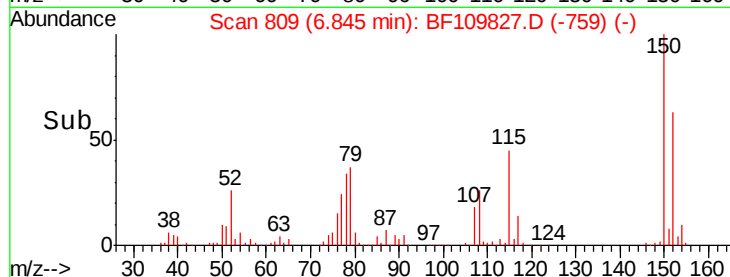
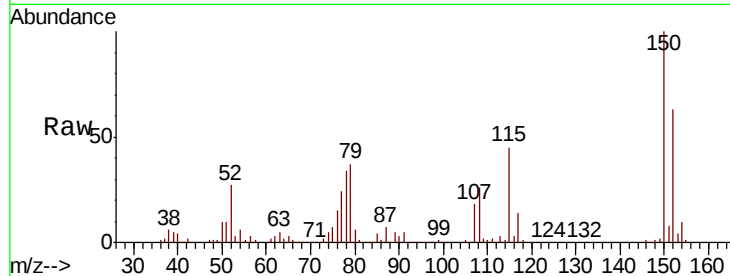
#15
Benzyl Alcohol
Concen: 42.699 ng
RT: 6.85 min Scan# 809
Delta R.T. -0.01 min
Lab File: BF109827.D
Acq: 12 Oct 2018 12:18

Instrument :
BNA_F
ClientSampled :
PB113657BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
79	100				
108	70.5	56.3	84.5		
77	65.2	52.9	79.3		

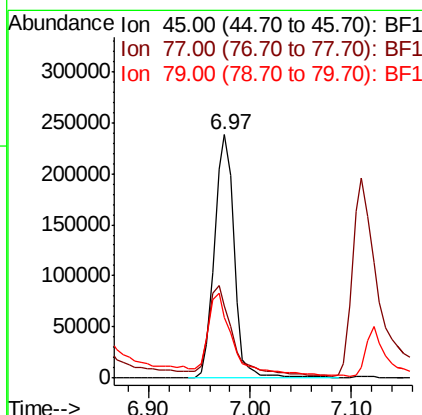
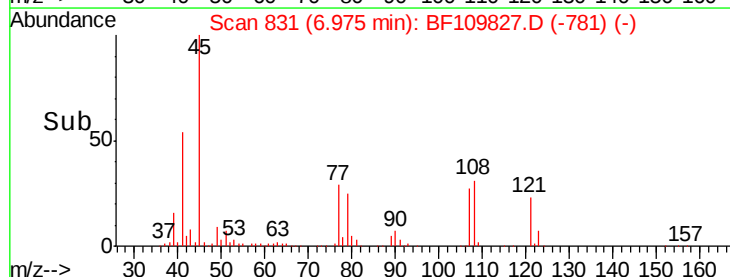
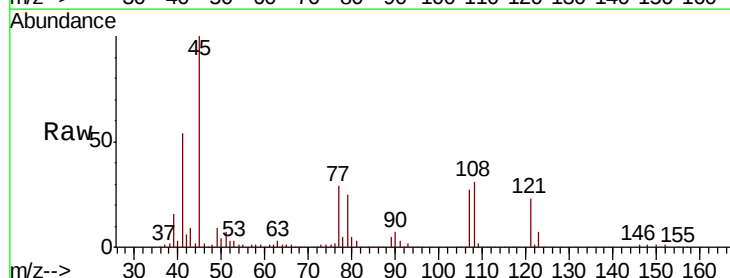
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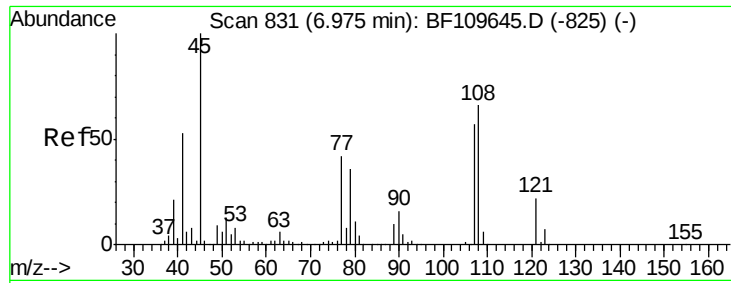
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#16
2,2'-oxybis(1-Chloropropane)
Concen: 40.812 ng
RT: 6.97 min Scan# 831
Delta R.T. -0.01 min
Lab File: BF109827.D
Acq: 12 Oct 2018 12:18

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
45	100				
77	29.4	10.0	50.0		
79	25.1	6.1	46.1		





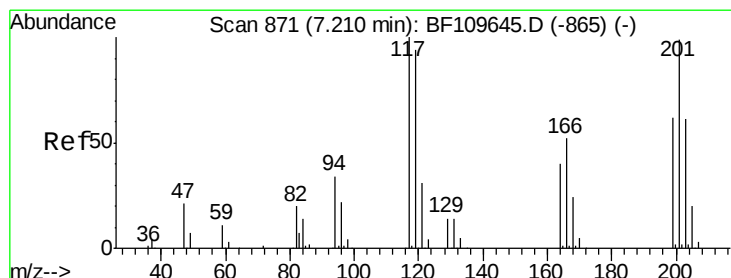
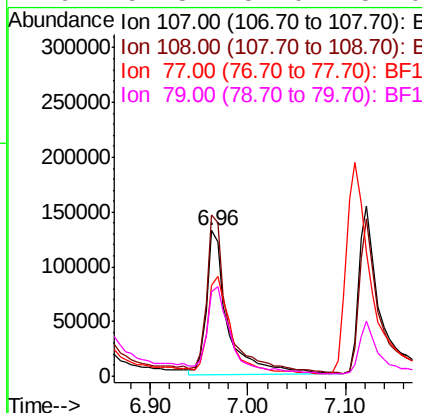
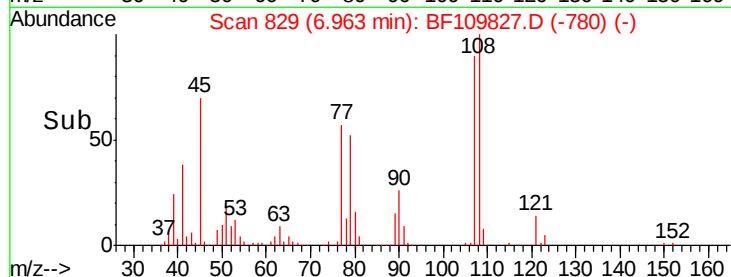
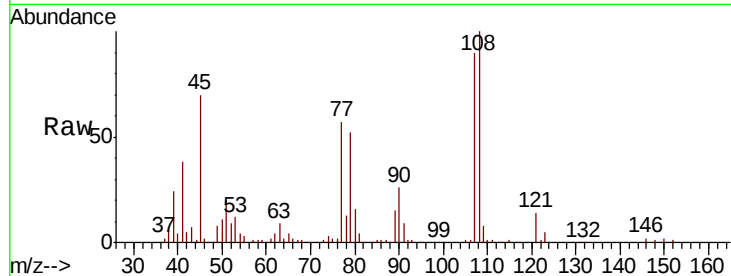
#17
2-Methylphenol
Concen: 43.927 ng
RT: 6.96 min Scan# 829
Delta R.T. -0.01 min
Lab File: BF109827.D
Acq: 12 Oct 2018 12:18

Instrument :
BNA_F
ClientSampled :
PB113657BS

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	110.8	92.6	138.8	
77	62.8	59.4	89.2	
79	57.8	54.0	81.0	

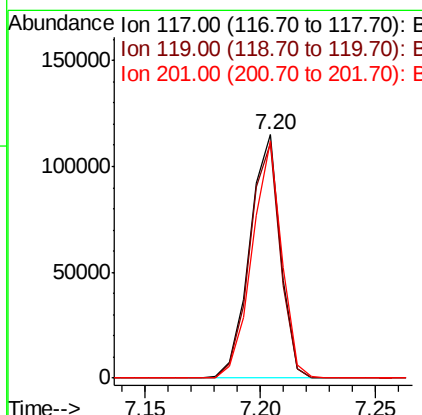
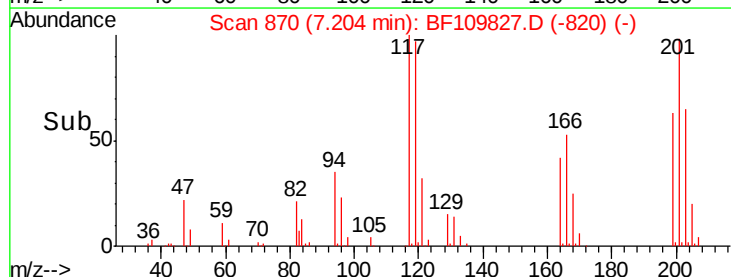
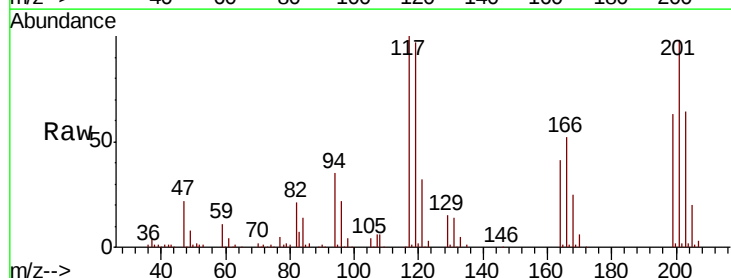
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#18
Hexachloroethane
Concen: 41.897 ng
RT: 7.20 min Scan# 870
Delta R.T. -0.01 min
Lab File: BF109827.D
Acq: 12 Oct 2018 12:18

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	96.6	75.0	112.6	
201	97.6	79.2	118.8	





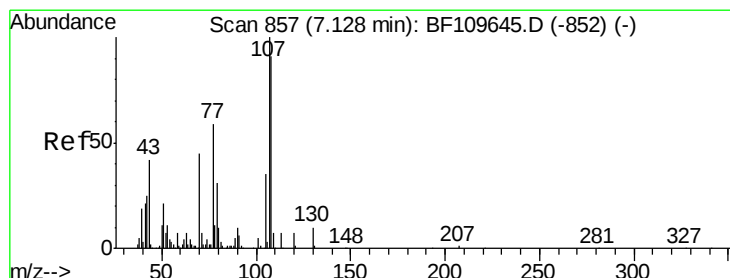
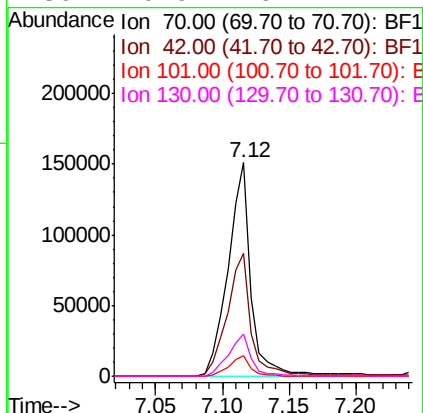
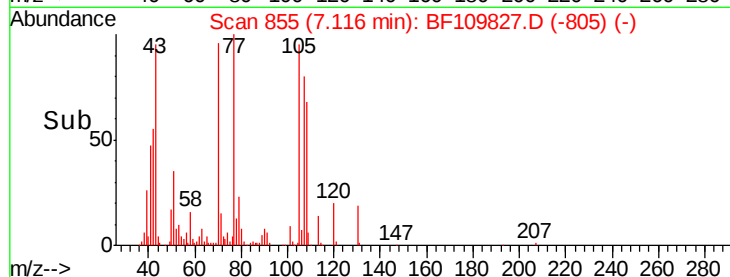
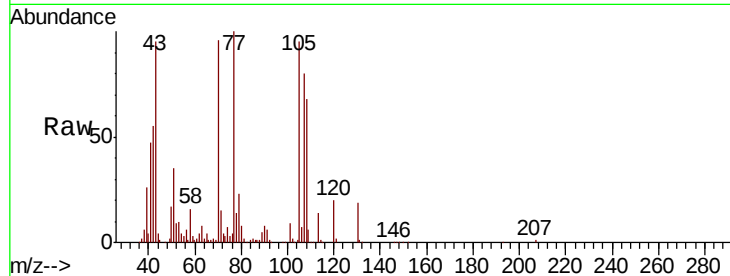
#19
n-Nitroso-di-n-propylamine
Concen: 41.427 ng
RT: 7.12 min Scan# 855
Delta R.T. -0.01 min
Lab File: BF109827.D
Acq: 12 Oct 2018 12:18

Instrument :
BNA_F
ClientSampleId :
PB113657BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
70	100				
42	57.5		47.4	71.2	
101	9.4		7.3	10.9	
130	19.9		16.2	24.2	

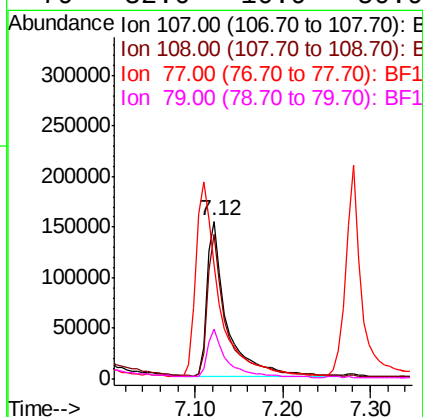
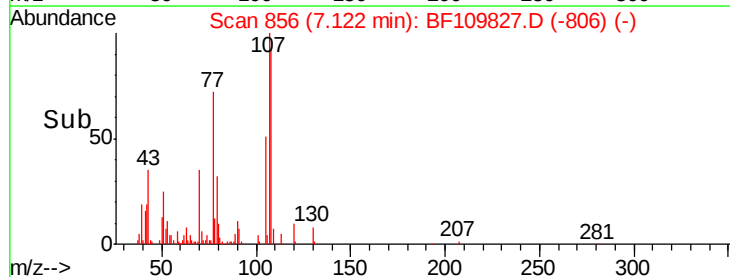
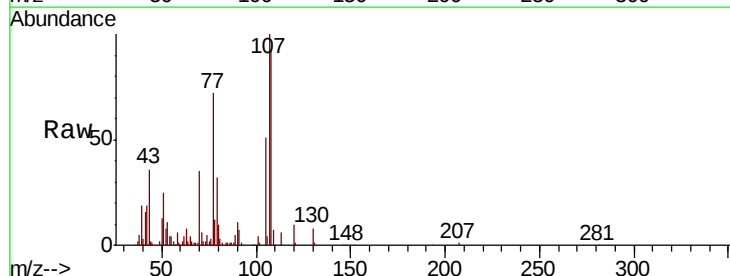
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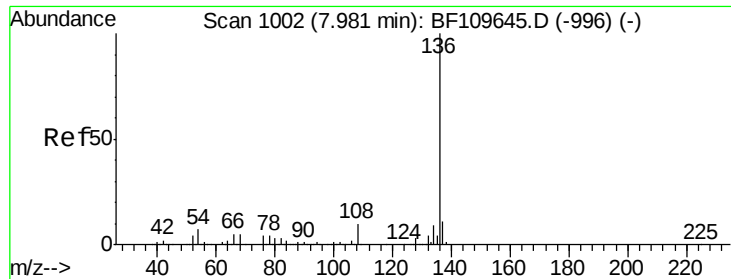
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#20
3+4-Methylphenols
Concen: 42.954 ng
RT: 7.12 min Scan# 856
Delta R.T. -0.01 min
Lab File: BF109827.D
Acq: 12 Oct 2018 12:18

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
107	100				
108	92.0		71.4	111.4	
77	72.4		47.3	87.3	
79	32.0		10.9	50.9	





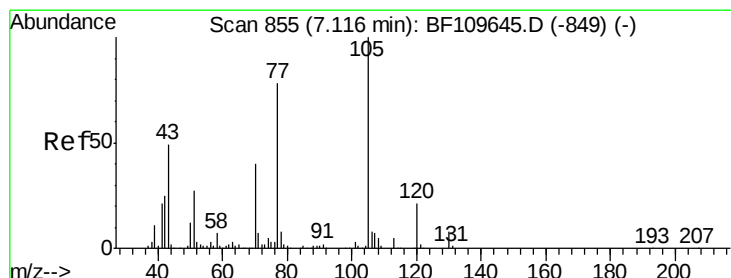
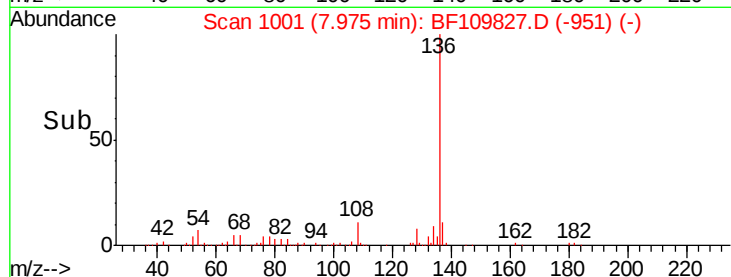
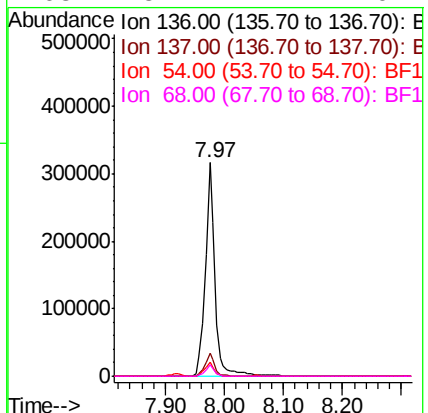
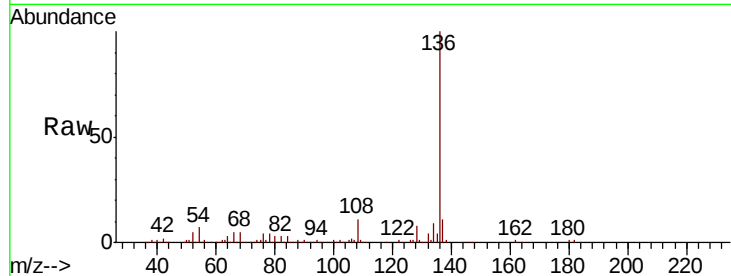
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.97 min Scan# 1001
Delta R.T. -0.01 min
Lab File: BF109827.D
Acq: 12 Oct 2018 12:18

Instrument :
BNA_F
ClientSampleId :
PB113657BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
136	100				
137	11.0		8.8	13.2	
54	6.8		5.4	8.2	
68	5.2		4.2	6.2	

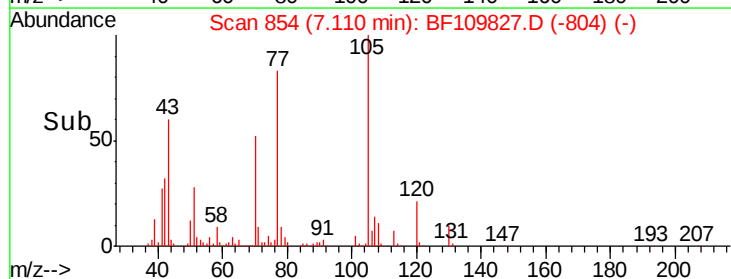
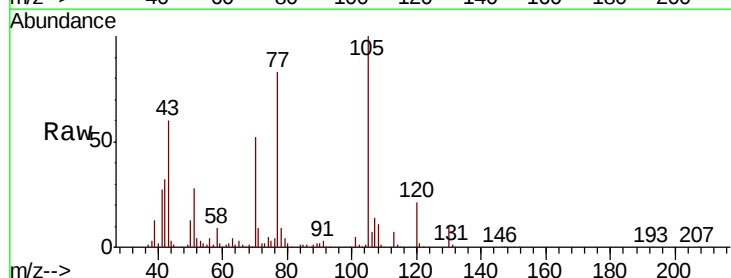
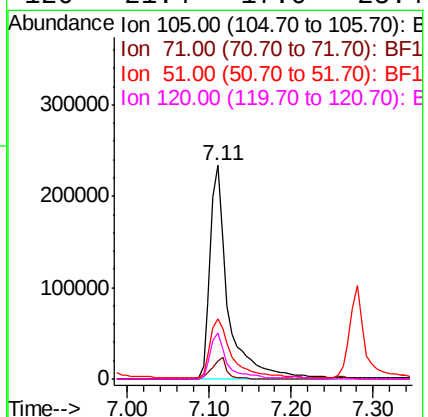
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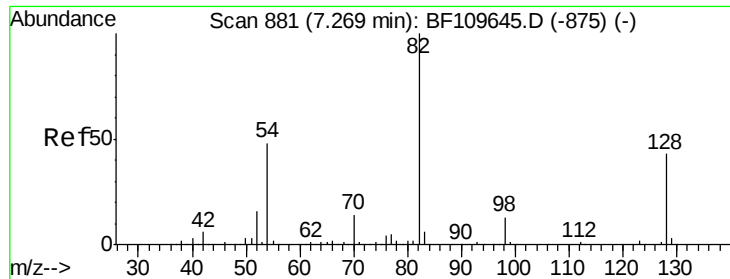
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#22
Acetophenone
Concen: 41.446 ng
RT: 7.11 min Scan# 854
Delta R.T. -0.01 min
Lab File: BF109827.D
Acq: 12 Oct 2018 12:18

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
105	100				
71	8.6		5.2	7.8#	
51	28.1		21.8	32.8	
120	21.4		17.0	25.4	





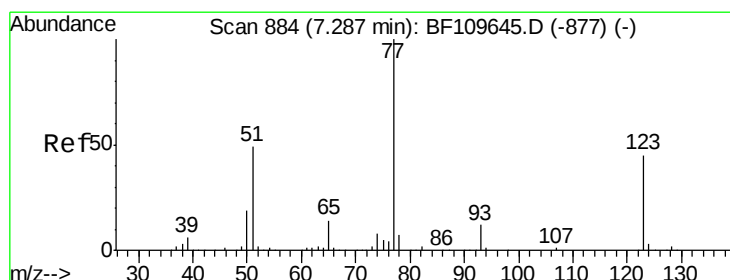
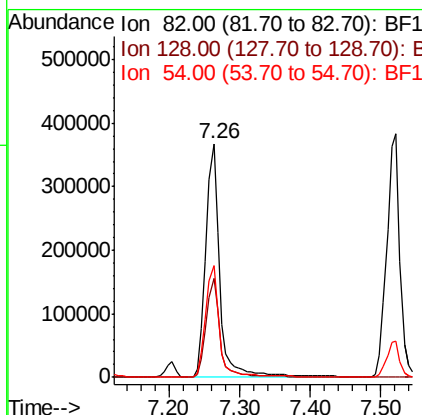
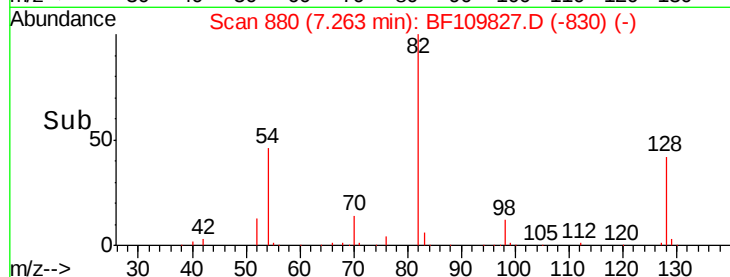
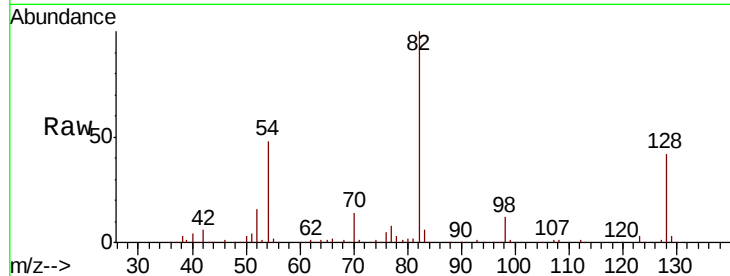
#23
Nitrobenzene-d5
Concen: 78.206 ng
RT: 7.26 min Scan# 880
Delta R.T. -0.01 min
Lab File: BF109827.D
Acq: 12 Oct 2018 12:18

Instrument :
BNA_F
ClientSampleId :
PB113657BS

Tot Ion	Ratio	Lower	Upper
82	100		
128	42.2	34.2	51.2
54	47.5	38.6	58.0

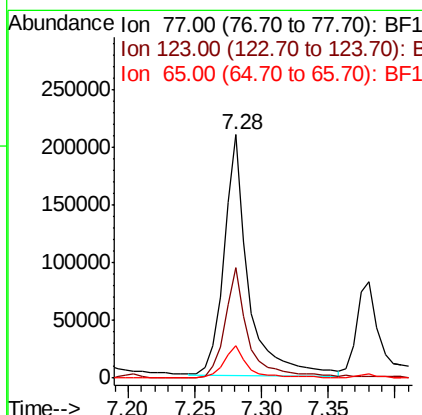
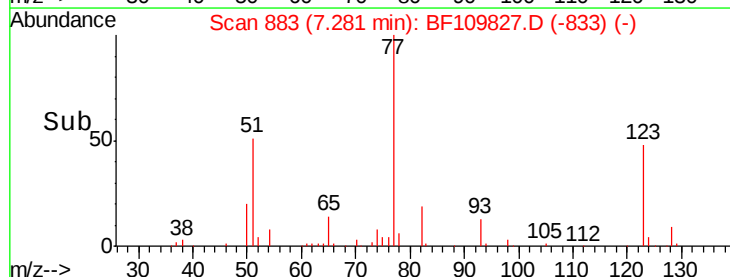
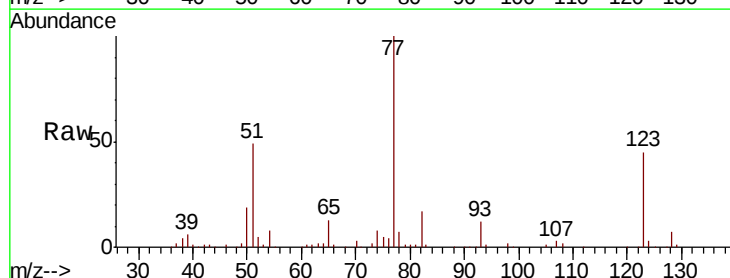
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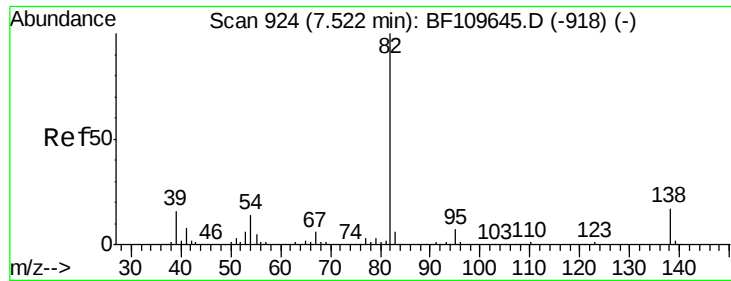
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#24
Nitrobenzene
Concen: 39.345 ng
RT: 7.28 min Scan# 883
Delta R.T. -0.01 min
Lab File: BF109827.D
Acq: 12 Oct 2018 12:18

Tgt Ion	Ratio	Lower	Upper
77	100		
123	45.2	35.7	53.5
65	13.2	10.7	16.1





#25

Isophorone

Concen: 45.454 ng

RT: 7.52 min Scan# 924

Delta R.T. 0.00 min

Lab File: BF109827.D

Acq: 12 Oct 2018 12:18

Instrument :

BNA_F

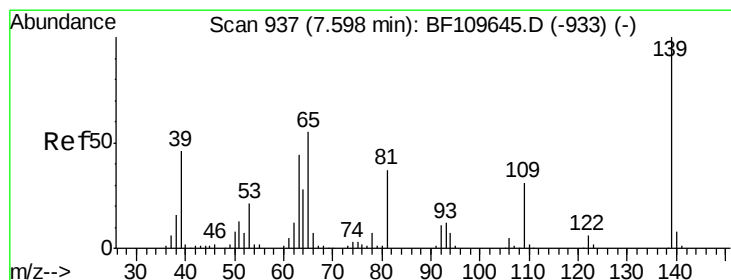
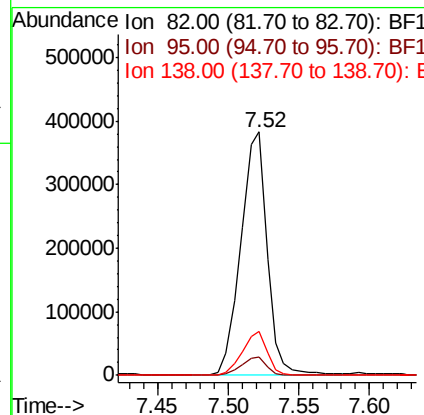
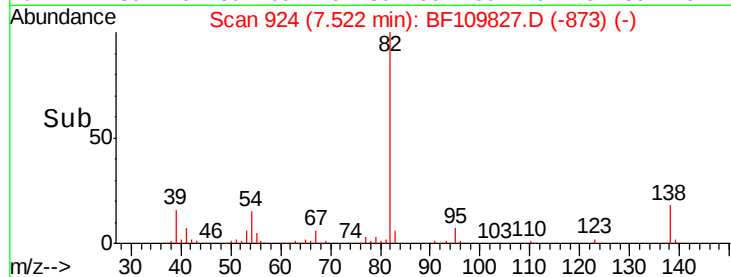
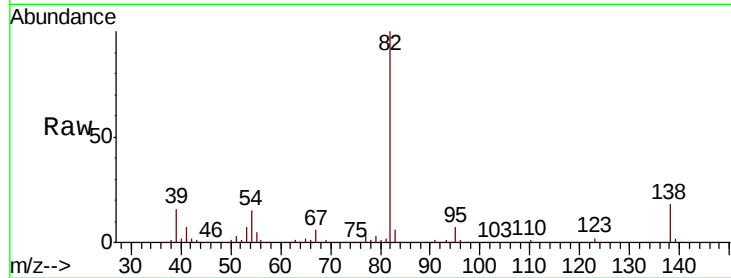
ClientSampled :

PB113657BS

Tot Ion:	82	Resp:	495570
Ion	Ratio	Lower	Upper
82	100		
95	7.5	5.7	8.5
138	17.9	13.2	19.8

Manual Integrations
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#26

2-Nitrophenol

Concen: 39.862 ng

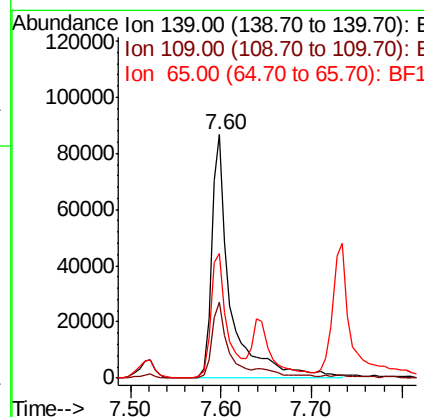
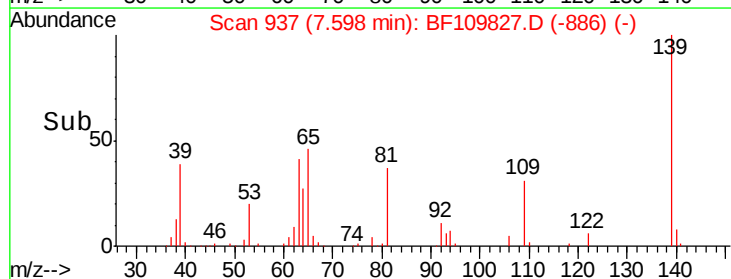
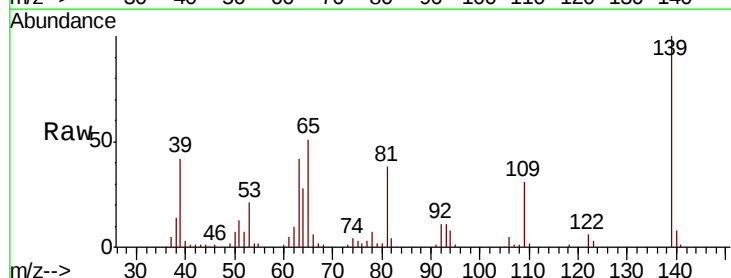
RT: 7.60 min Scan# 937

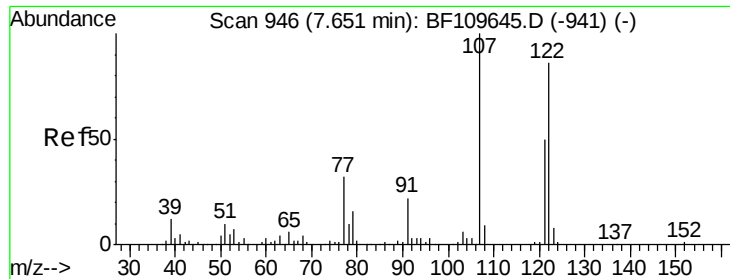
Delta R.T. 0.00 min

Lab File: BF109827.D

Acq: 12 Oct 2018 12:18

Tgt Ion:	139	Resp:	127386
Ion	Ratio	Lower	Upper
139	100		
109	31.3	25.0	37.6
65	50.9	44.0	66.0





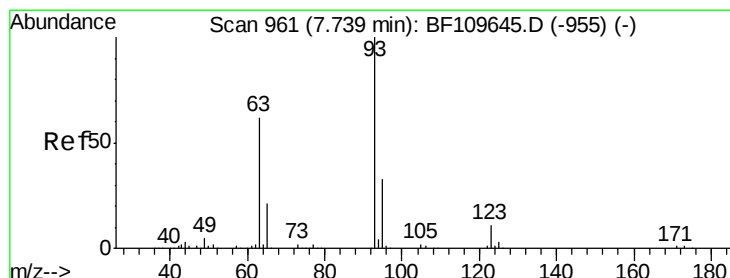
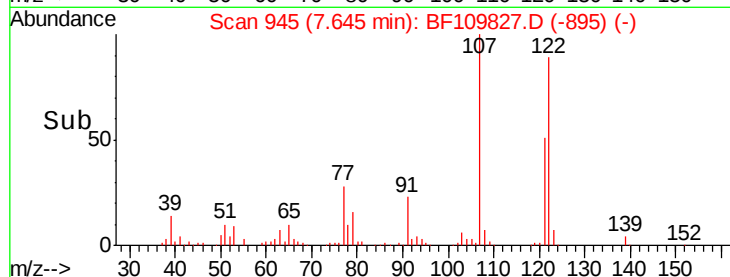
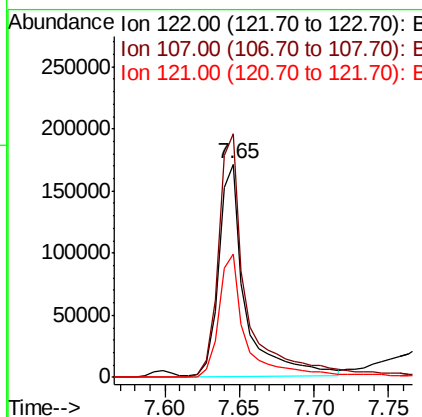
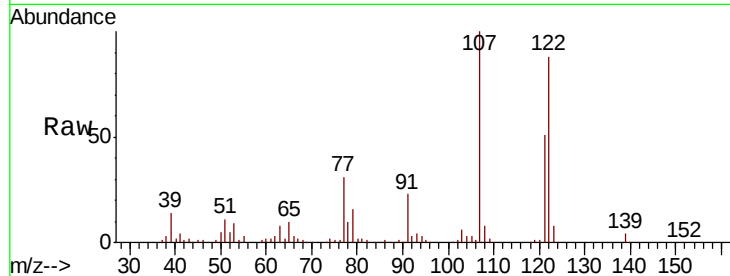
#27
 2,4-Dimethylphenol
 Concen: 46.496 ng
 RT: 7.65 min Scan# 945
 Delta R.T. -0.01 min
 Lab File: BF109827.D
 Acq: 12 Oct 2018 12:18

Instrument :
 BNA_F
 ClientSampled :
 PB113657BS

Tot Ion	Ratio	Resp	Lower	Upper
122	100	214564		
107	114.2	92.5	138.7	
121	57.7	45.8	68.8	

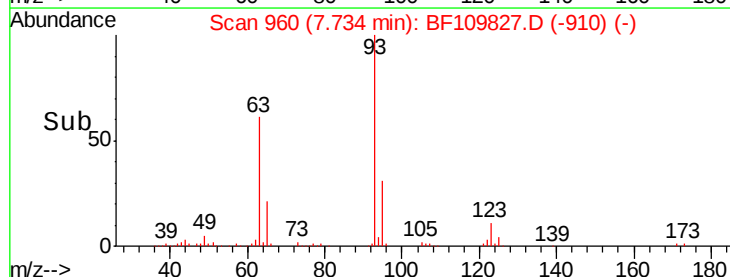
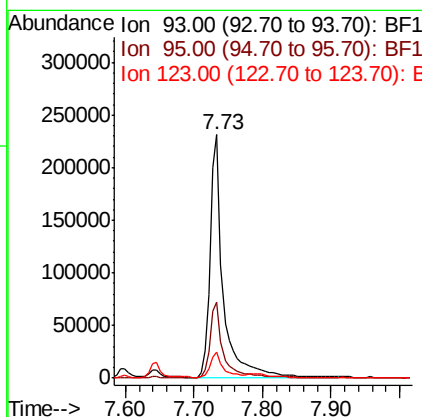
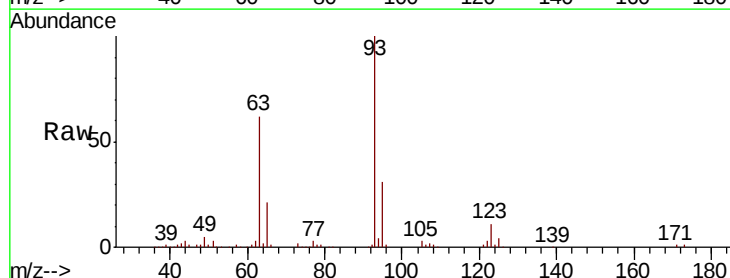
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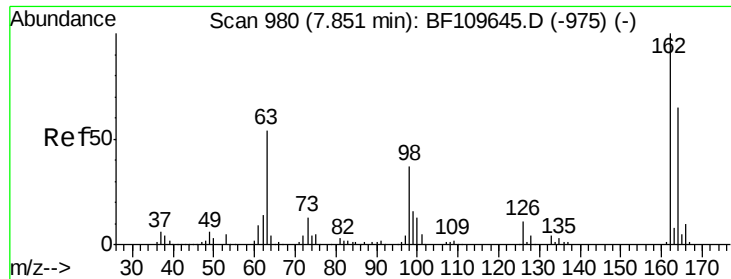
Sohil
 10/15/2018 10:28:17 AM



#28
 bis(2-Chloroethoxy)methane
 Concen: 42.167 ng
 RT: 7.73 min Scan# 960
 Delta R.T. -0.01 min
 Lab File: BF109827.D
 Acq: 12 Oct 2018 12:18

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	310968		
95	31.4	26.4	39.6	
123	10.9	9.0	13.6	





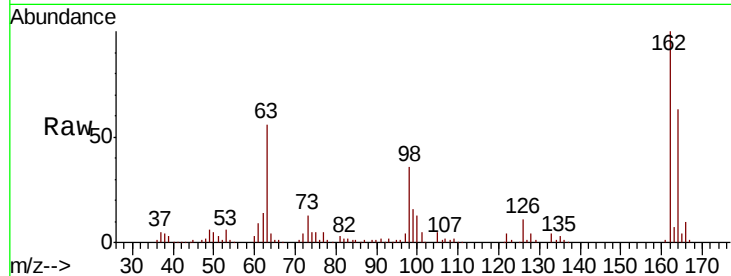
#29
2,4-Dichlorophenol
Concen: 42.725 ng
RT: 7.85 min Scan# 979
Delta R.T. -0.01 min
Lab File: BF109827.D
Acq: 12 Oct 2018 12:18

Instrument :
BNA_F
ClientSampleId :
PB113657BS

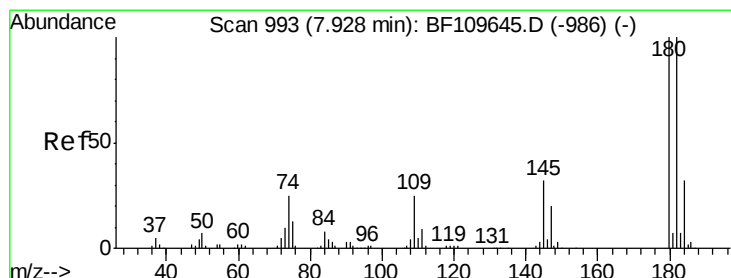
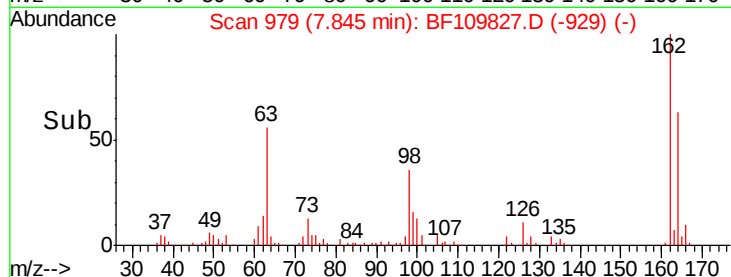
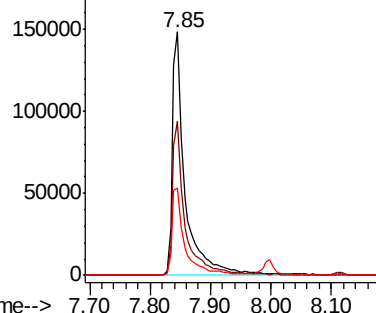
Tot Ion	Ratio	Resp	Lower	Upper
162	100	221151		
164	63.1	44.6	84.6	
98	35.7	17.4	57.4	

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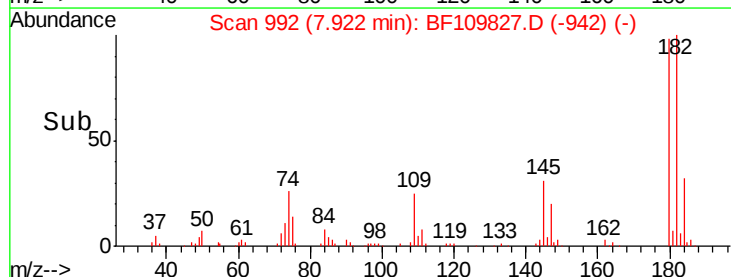
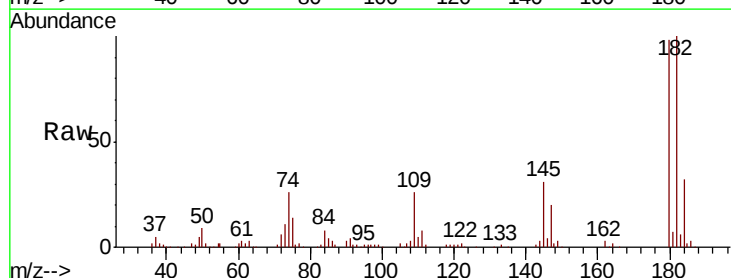
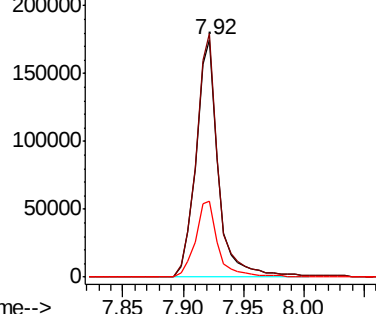
Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): BF1

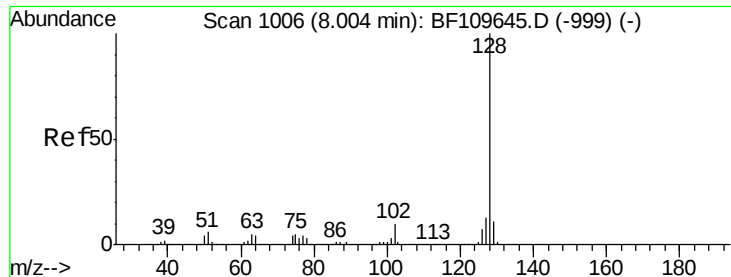


#30
1,2,4-Trichlorobenzene
Concen: 39.116 ng
RT: 7.92 min Scan# 992
Delta R.T. -0.01 min
Lab File: BF109827.D
Acq: 12 Oct 2018 12:18

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	224135		
182	102.4	80.3	120.5	
145	31.7	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





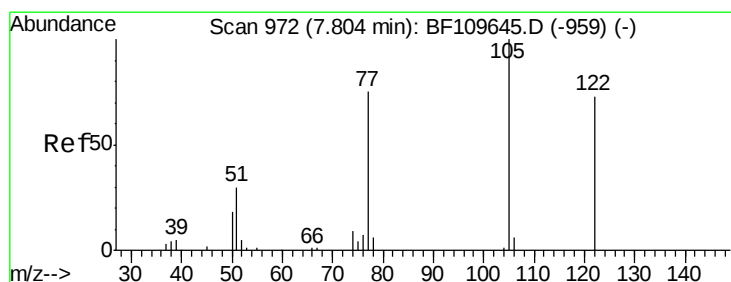
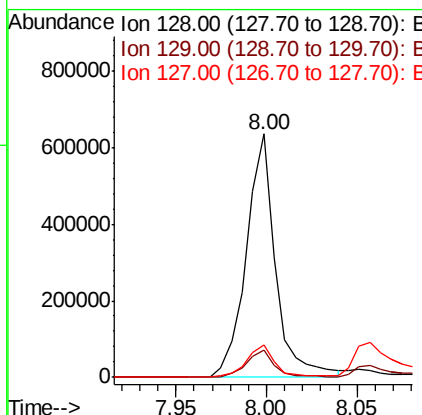
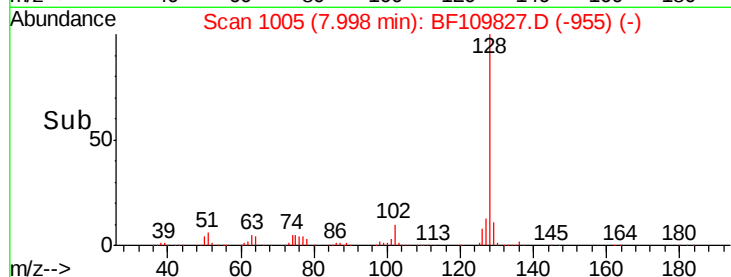
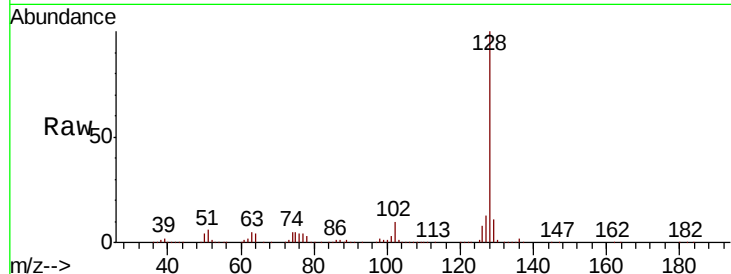
#31
Naphthalene
Concen: 42.635 ng
RT: 8.00 min Scan# 1005
Delta R.T. -0.01 min
Lab File: BF109827.D
Acq: 12 Oct 2018 12:18

Instrument :
BNA_F
ClientSampleId :
PB113657BS

Tot Ion	Ratio	Lower	Upper
128	100		
129	11.1	8.8	13.2
127	13.3	10.8	16.2

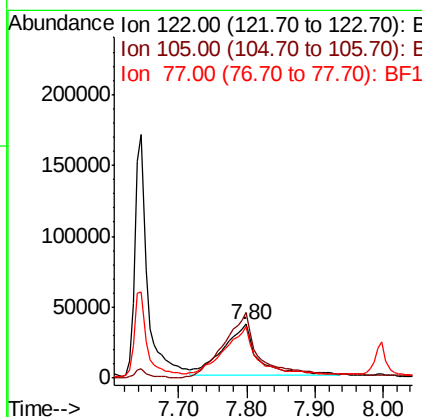
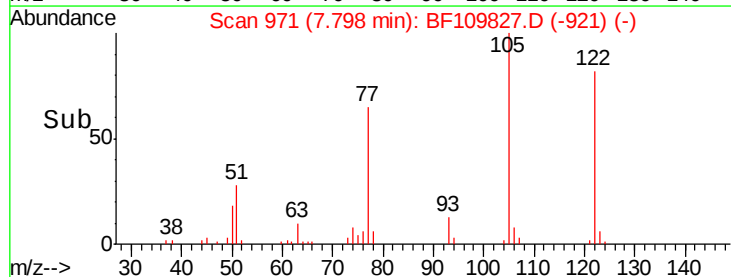
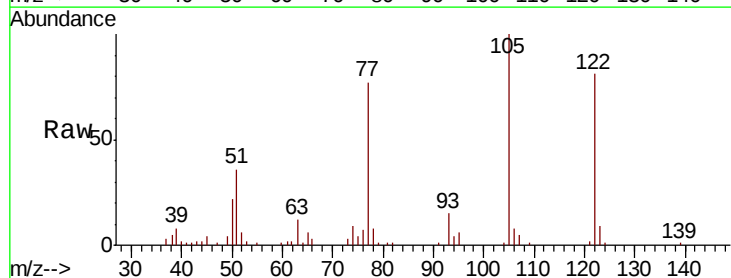
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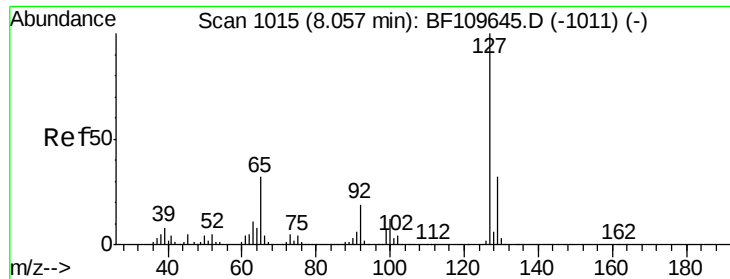
Sohil
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#32
Benzoic acid
Concen: 38.159 ng m
RT: 7.80 min Scan# 971
Delta R.T. -0.01 min
Lab File: BF109827.D
Acq: 12 Oct 2018 12:18

Tgt Ion	Ratio	Lower	Upper
122	100		
105	123.5	109.0	149.0
77	95.6	79.0	119.0





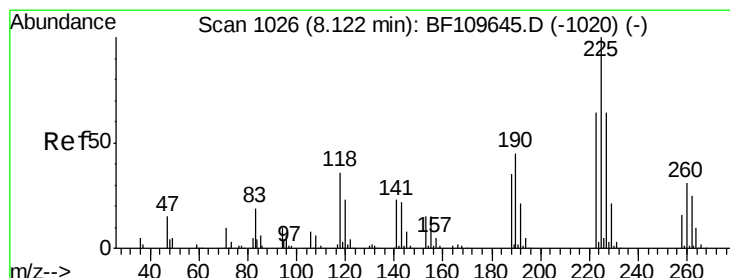
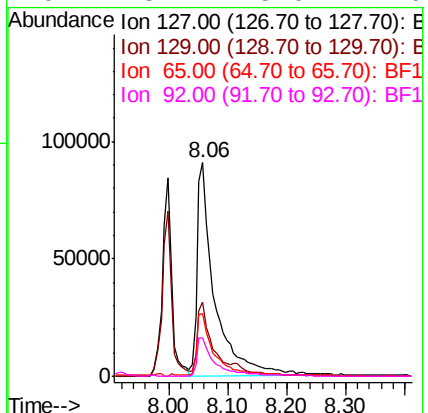
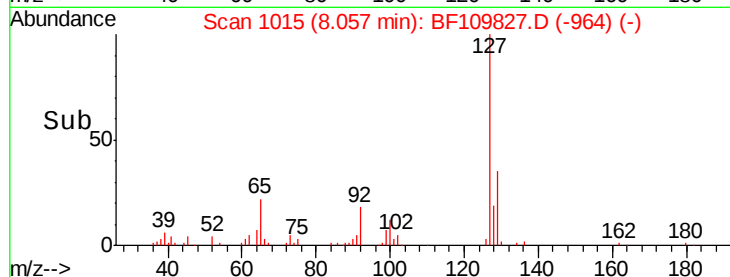
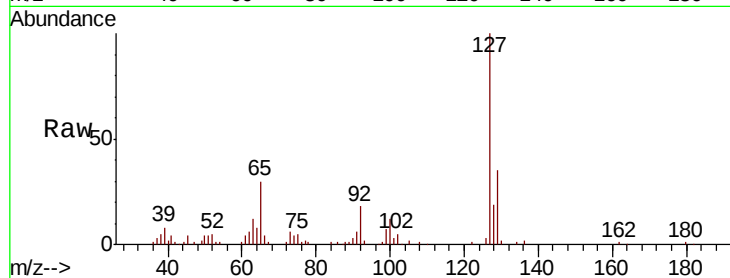
#33
4-Chloroaniline
Concen: 25.402 ng
RT: 8.06 min Scan# 1015
Delta R.T. 0.00 min
Lab File: BF109827.D
Acq: 12 Oct 2018 12:18

Instrument :
BNA_F
ClientSampleId :
PB113657BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100		187234		
129	34.5	26.0	39.0		
65	29.6	25.1	37.7		
92	18.2	15.0	22.6		

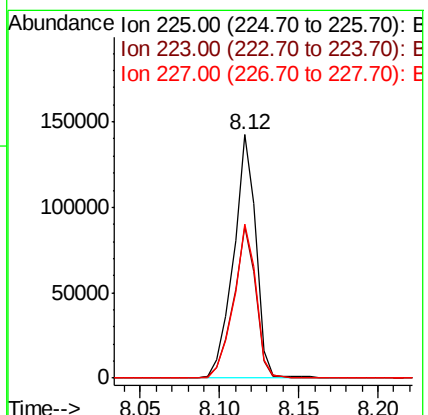
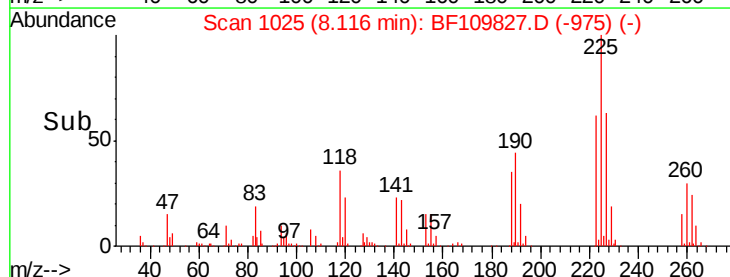
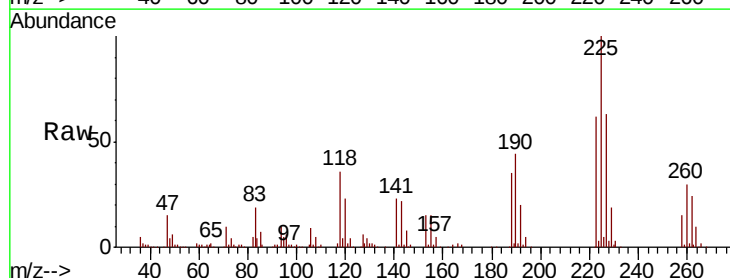
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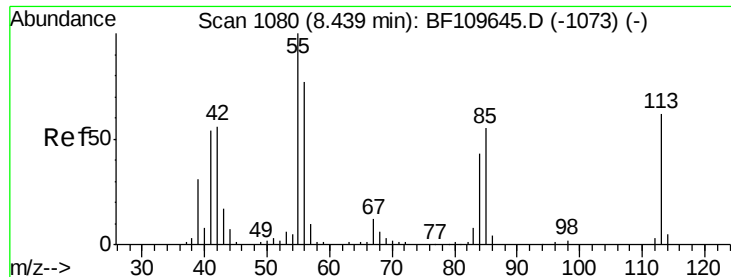
Sohil
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#34
Hexachlorobutadiene
Concen: 39.068 ng
RT: 8.12 min Scan# 1025
Delta R.T. -0.01 min
Lab File: BF109827.D
Acq: 12 Oct 2018 12:18

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100		139189		
223	62.3	51.4	77.2		
227	63.1	51.0	76.6		





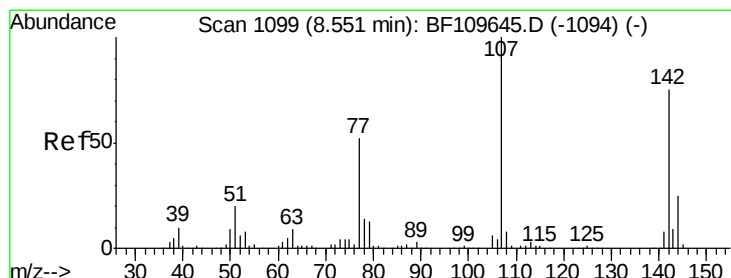
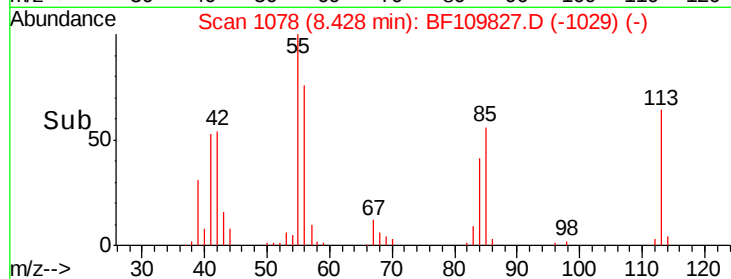
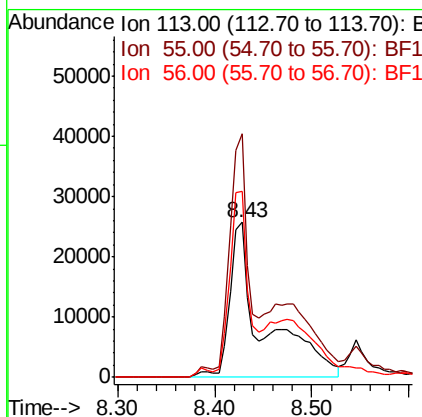
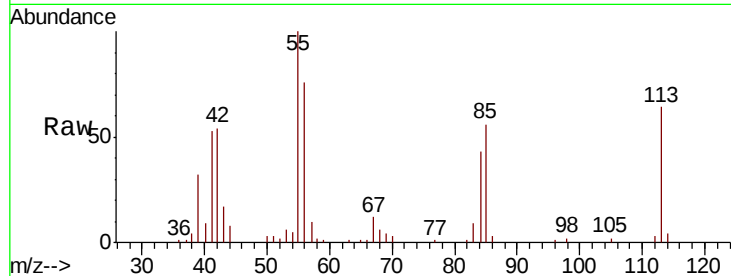
#35
Caprolactam
Concen: 40.627 ng/ml
RT: 8.43 min Scan# 1078
Delta R.T. -0.01 min
Lab File: BF109827.D
Acq: 12 Oct 2018 12:18

Instrument :
BNA_F
ClientSampleID :
PB113657BS

Tot Ion:113 Resp: 62803
Ion Ratio Lower Upper
113 100
55 157.3 142.8 182.8
56 120.0 105.0 145.0

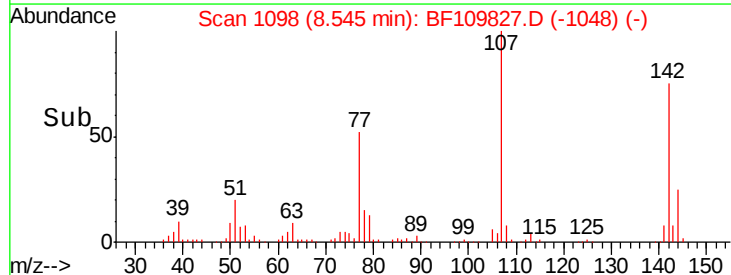
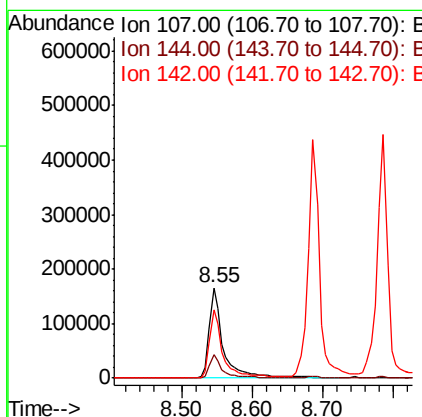
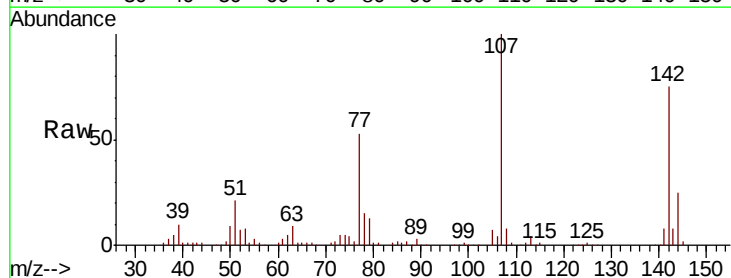
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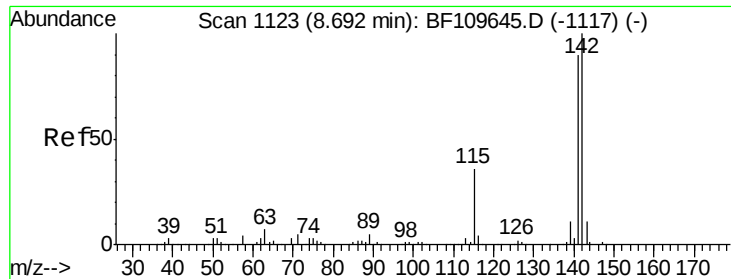
Sohil
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#36
4-Chloro-3-methylphenol
Concen: 42.462 ng/ml
RT: 8.55 min Scan# 1098
Delta R.T. -0.01 min
Lab File: BF109827.D
Acq: 12 Oct 2018 12:18

Tgt Ion:107 Resp: 232005
Ion Ratio Lower Upper
107 100
144 25.4 20.0 30.0
142 75.2 59.7 89.5





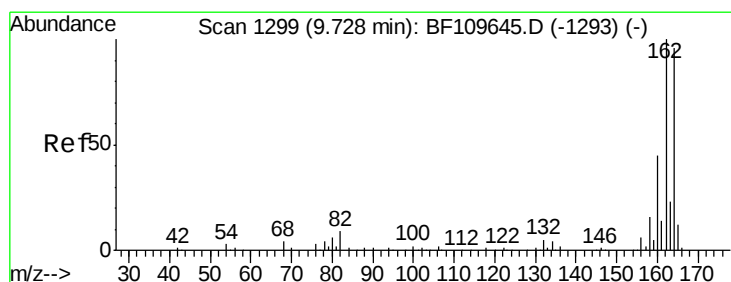
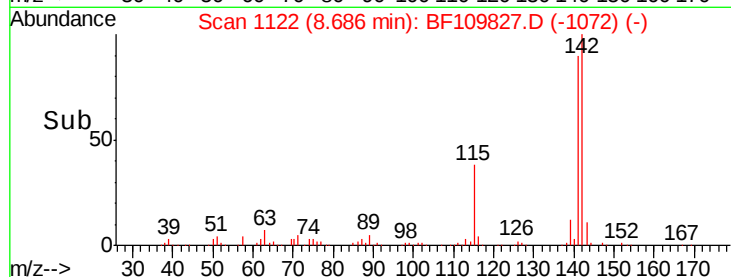
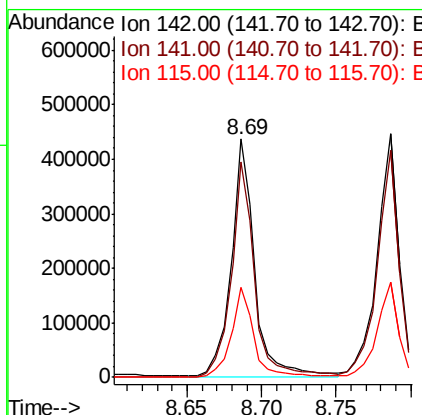
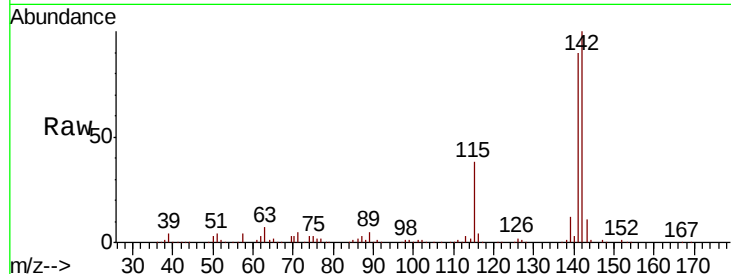
#37
2-Methylnaphthalene
Concen: 44.124 ng
RT: 8.69 min Scan# 1122
Delta R.T. -0.01 min
Lab File: BF109827.D
Acq: 12 Oct 2018 12:18

Instrument :
BNA_F
ClientSampleId :
PB113657BS

Tot Ion	Ratio	Lower	Upper
142	100		
141	90.3	71.4	107.2
115	37.7	28.7	43.1

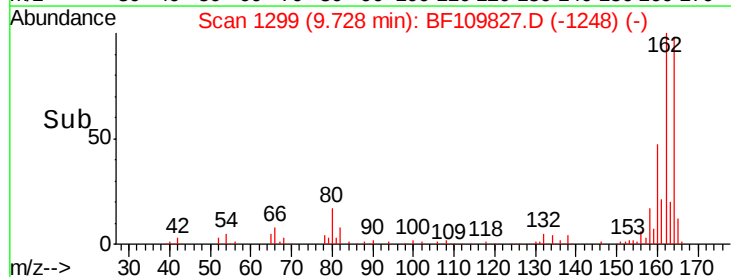
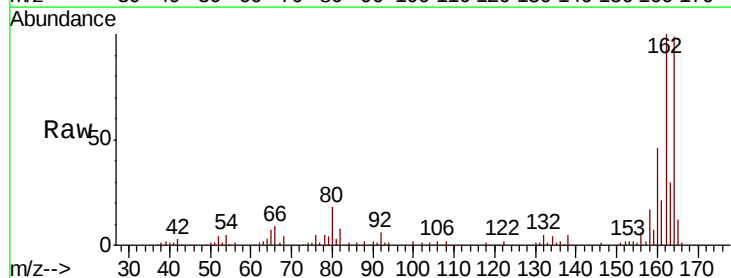
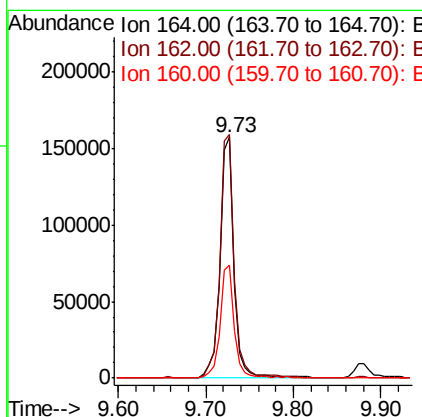
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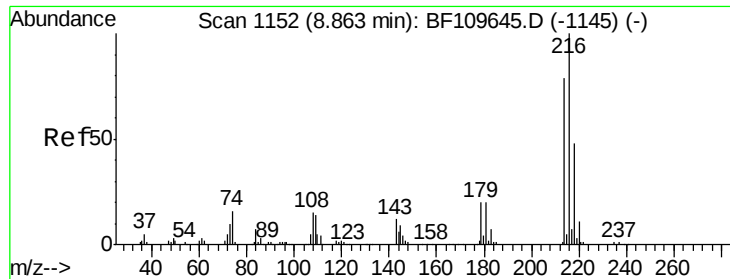
Sohil
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#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.73 min Scan# 1299
Delta R.T. 0.00 min
Lab File: BF109827.D
Acq: 12 Oct 2018 12:18

Tgt Ion	Ratio	Lower	Upper
164	100		
162	101.1	83.0	124.6
160	46.8	37.0	55.6





#39

1,2,4,5-Tetrachlorobenzene

Concen: 38.379 ng

RT: 8.86 min Scan# 1151

Delta R.T. -0.01 min

Lab File: BF109827.D

Acq: 12 Oct 2018 12:18

Instrument :

BNA_F

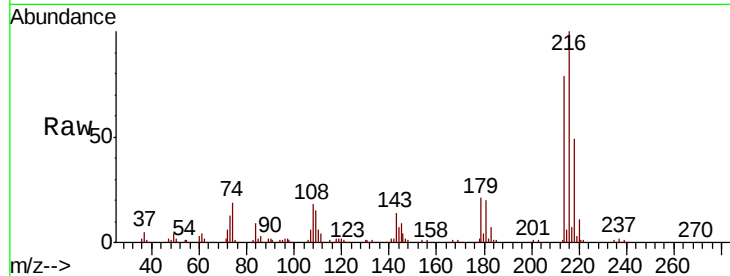
ClientSampleId :

PB113657BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
216	100		229805		
214	78.9		63.8	95.6	
179	20.9		16.6	25.0	
108	21.3		15.1	22.7	

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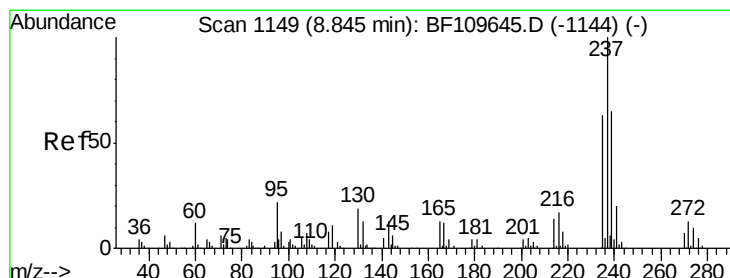
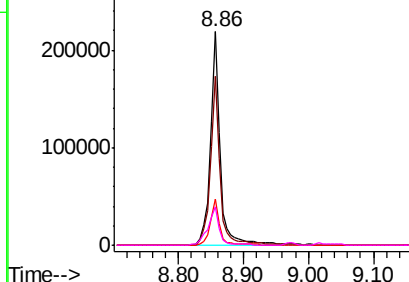
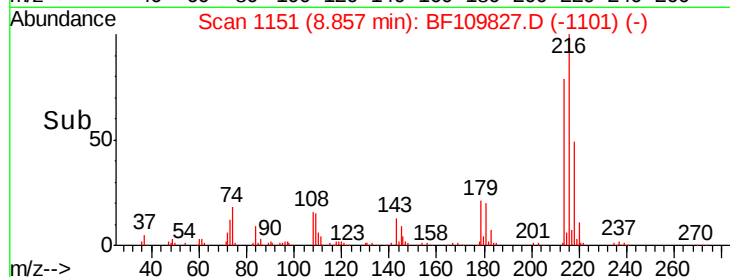
Abundance

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: 84.419 ng

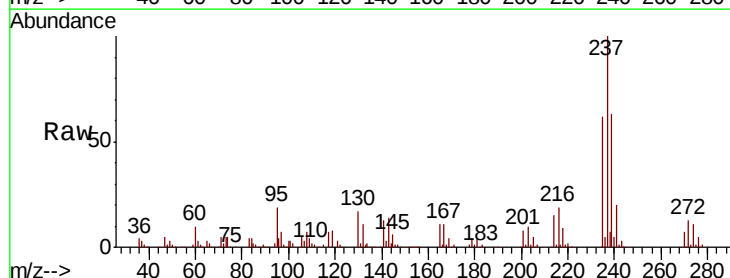
RT: 8.85 min Scan# 1149

Delta R.T. 0.00 min

Lab File: BF109827.D

Acq: 12 Oct 2018 12:18

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
237	100		222481		
235	62.1		43.1	83.1	
272	12.8		0.0	32.6	

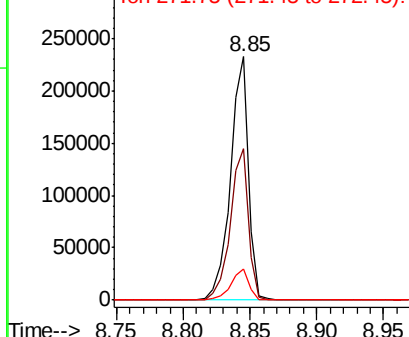
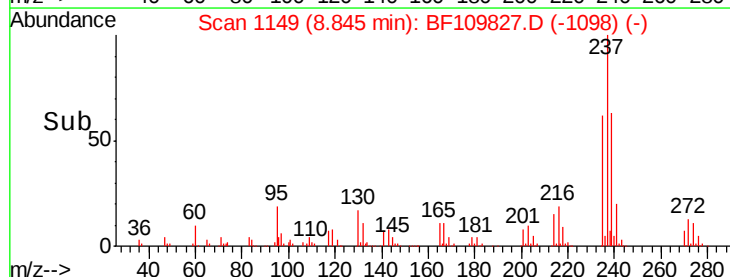


Abundance

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





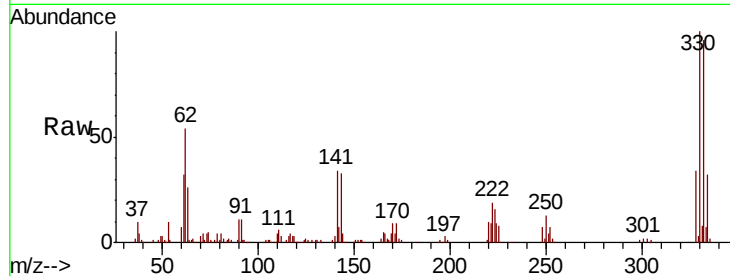
#41
 2,4,6-Tribromophenol
 Concen: 121.917 ng
 RT: 10.52 min Scan# 1433
 Delta R.T. 0.00 min
 Lab File: BF109827.D
 Acq: 12 Oct 2018 12:18

Instrument :
 BNA_F
 ClientSampled :
 PB113657BS

Tot Ion	Ratio	Resp	Lower	Upper
330	100	233671		
332	95.5	77.1	115.7	
141	32.6	27.0	40.4	

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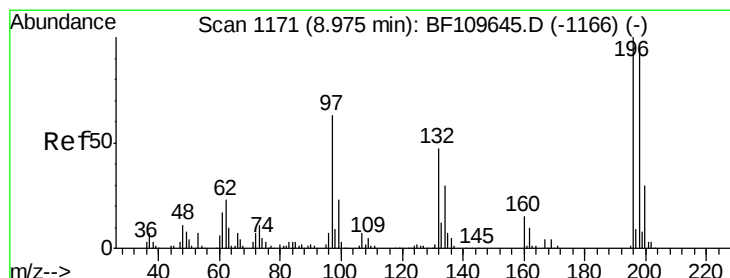
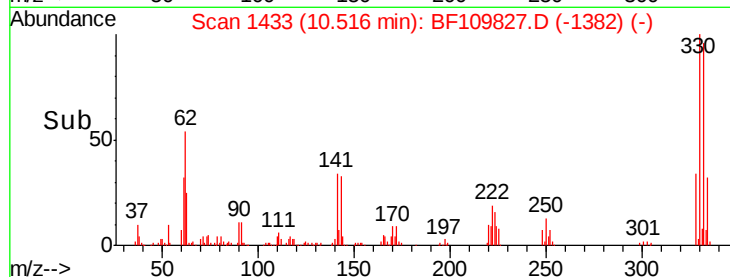
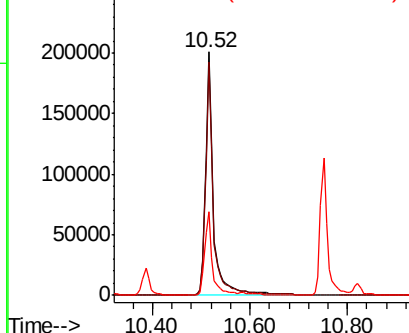


Abundance

Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#42
 2,4,6-Trichlorophenol
 Concen: 39.322 ng
 RT: 8.97 min Scan# 1171
 Delta R.T. 0.00 min
 Lab File: BF109827.D
 Acq: 12 Oct 2018 12:18

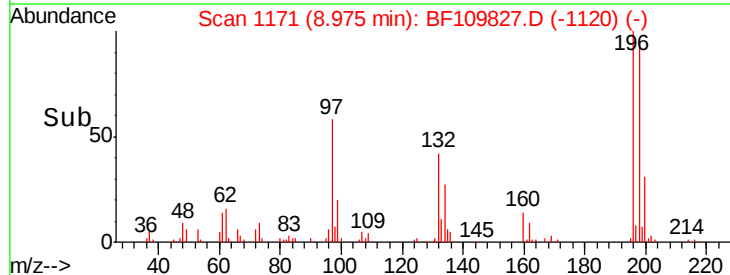
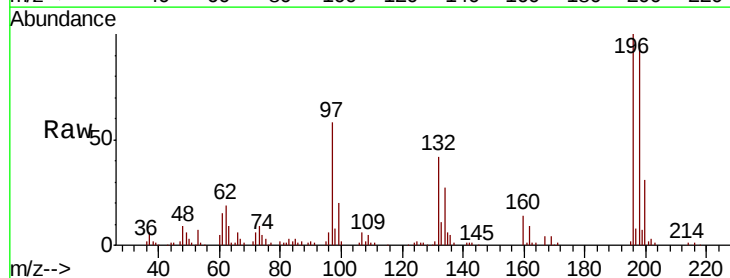
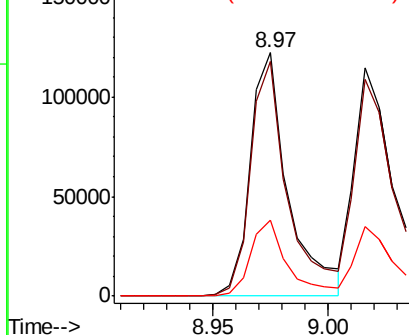
Tgt Ion	Ratio	Resp	Lower	Upper
196	100	140752		
198	96.3	76.2	114.4	
200	31.0	24.4	36.6	

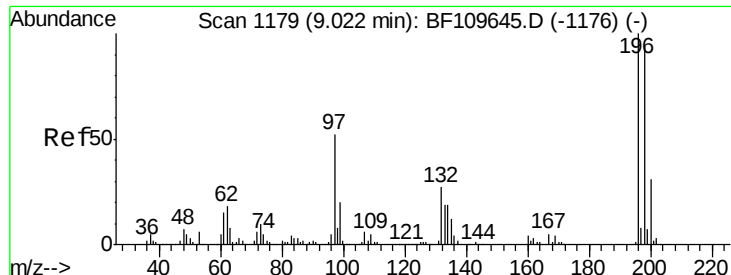
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 200.00 (199.70 to 200.70): E





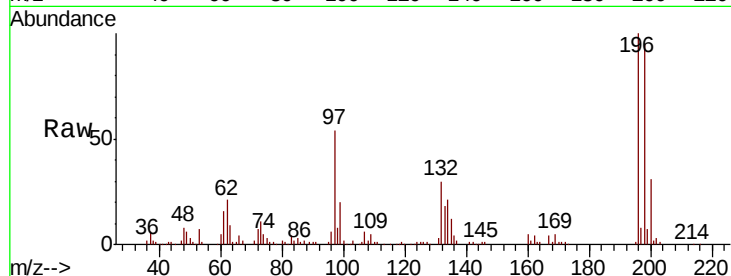
#43
 2,4,5-Trichlorophenol
 Concen: 40.668 ng
 RT: 9.02 min Scan# 1178
 Delta R.T. -0.01 min
 Lab File: BF109827.D
 Acq: 12 Oct 2018 12:18

Instrument :
 BNA_F
 ClientSampleId :
 PB113657BS

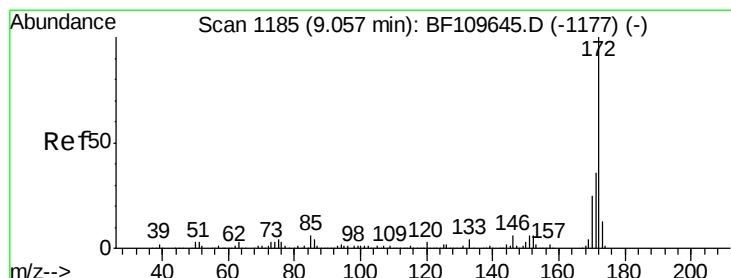
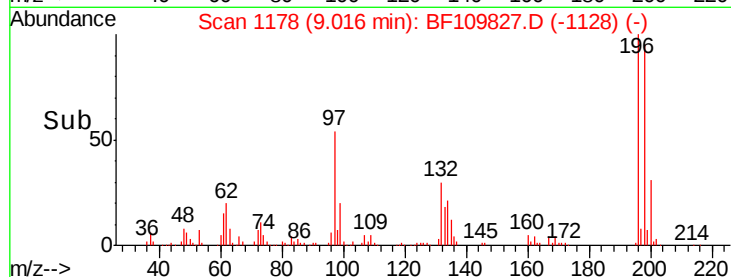
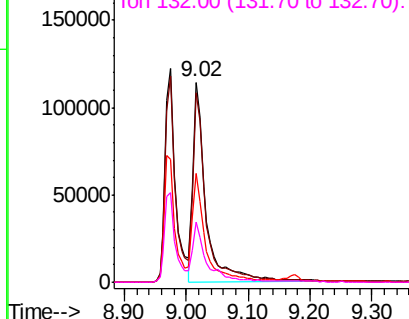
Tot Ion	Ratio	Resp	Lower	Upper
196	100	167376		
198	94.8	75.8	113.6	
97	54.1	42.4	63.6	
132	30.2	22.8	34.2	

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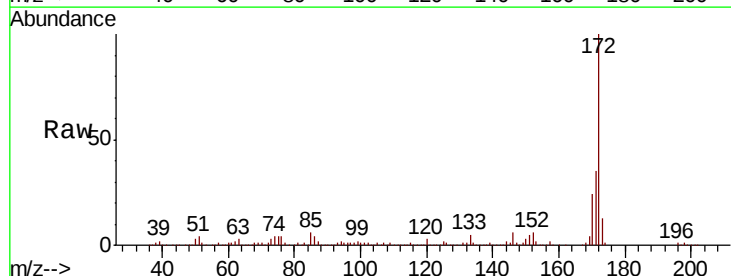


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF1
 Ion 132.00 (131.70 to 132.70): E

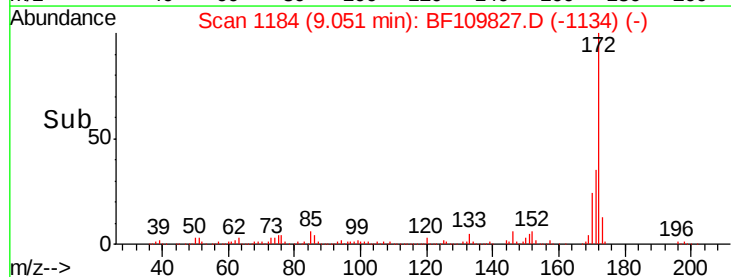
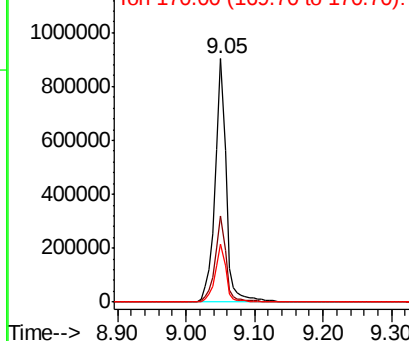


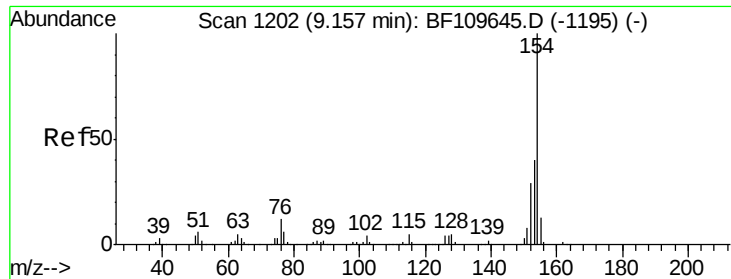
#44
 2-Fluorobiphenyl
 Concen: 78.448 ng
 RT: 9.05 min Scan# 1184
 Delta R.T. -0.01 min
 Lab File: BF109827.D
 Acq: 12 Oct 2018 12:18

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	1001932		
171	35.5	28.6	43.0	
170	23.8	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





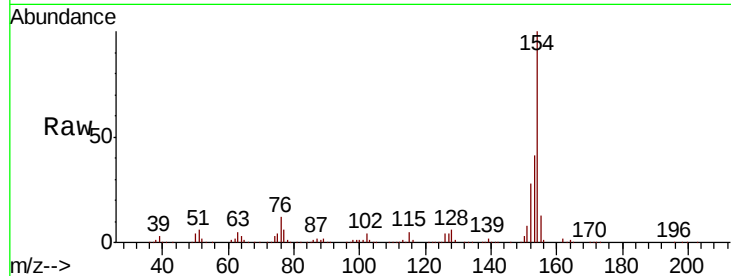
#45
1,1'-Biphenyl
Concen: 38.901 ng
RT: 9.15 min Scan# 1201
Delta R.T. -0.01 min
Lab File: BF109827.D
Acq: 12 Oct 2018 12:18

Instrument :
BNA_F
ClientSampleId :
PB113657BS

Tot Ion	Ratio	Resp	Lower	Upper
154	100	611302		
153	40.6		20.4	60.4
76	11.9		0.0	31.9

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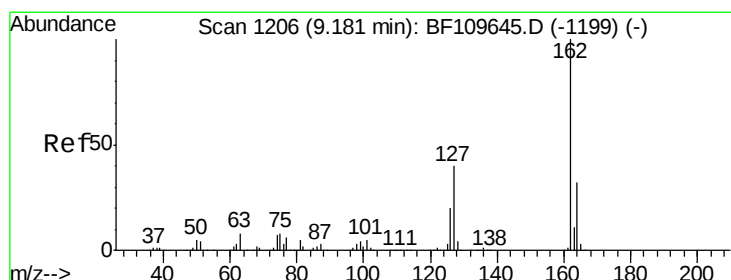
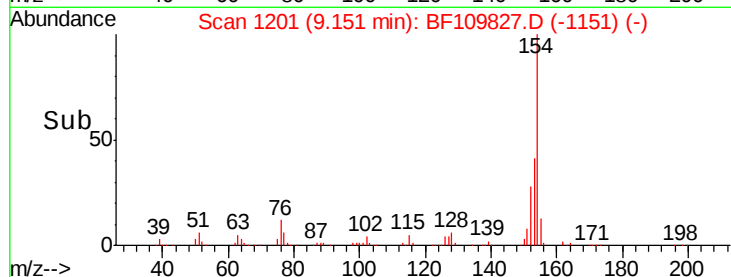
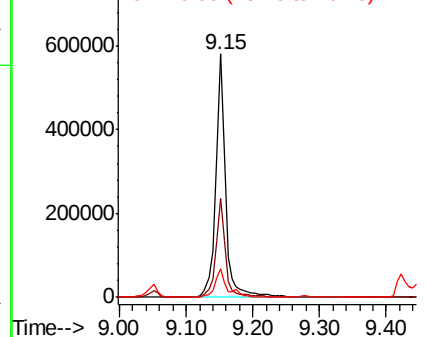


Abundance

Ion 154.00 (153.70 to 154.70): E

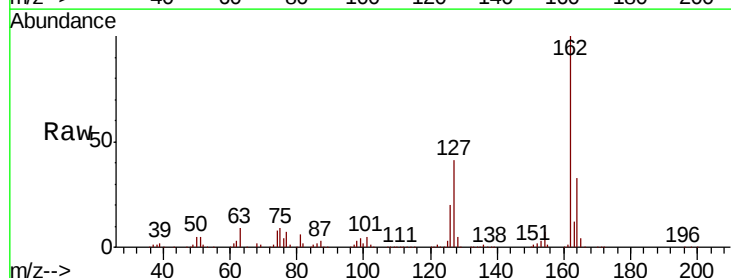
Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF1



#46
2-Chloronaphthalene
Concen: 39.603 ng
RT: 9.17 min Scan# 1205
Delta R.T. -0.01 min
Lab File: BF109827.D
Acq: 12 Oct 2018 12:18

Tgt Ion	Ratio	Resp	Lower	Upper
162	100	466244		
127	41.2		32.6	48.8
164	32.7		25.9	38.9

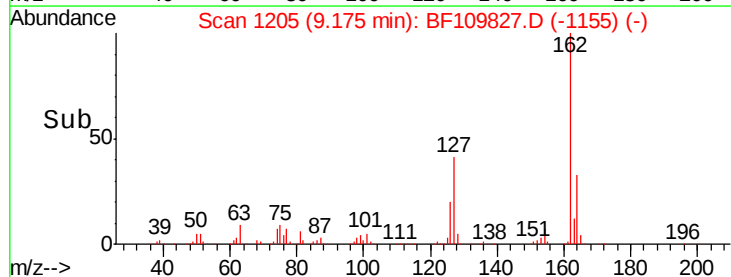
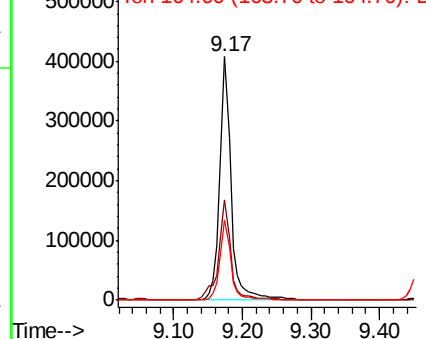


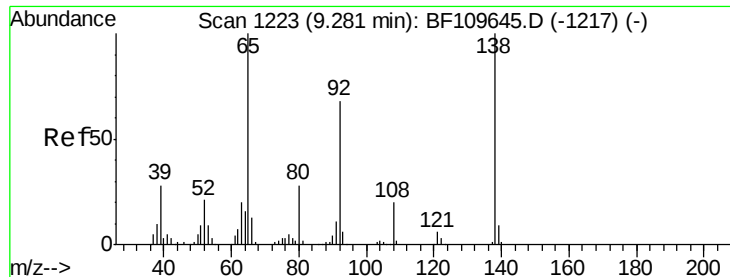
Abundance

Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E





#47

2-Nitroaniline

Concen: 40.394 ng

RT: 9.28 min Scan# 1223

Delta R.T. 0.00 min

Lab File: BF109827.D

Acq: 12 Oct 2018 12:18

Instrument :

BNA_F

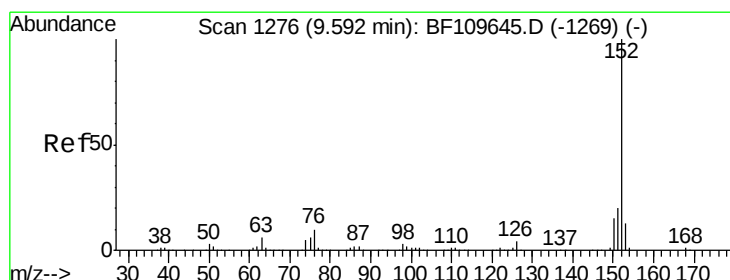
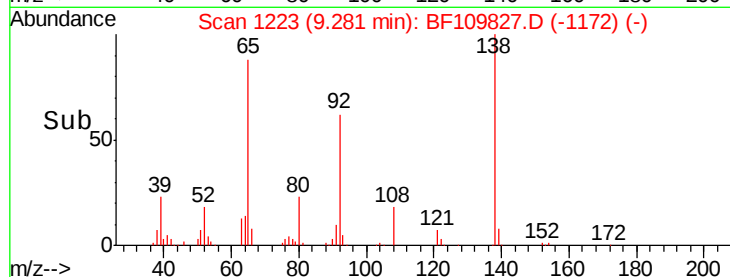
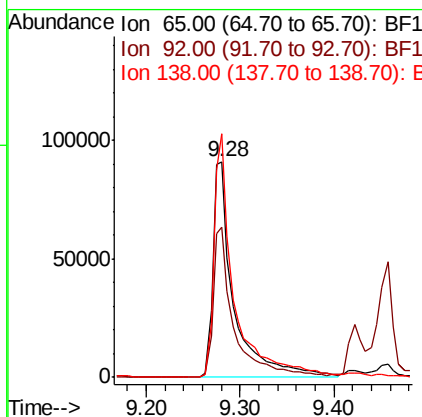
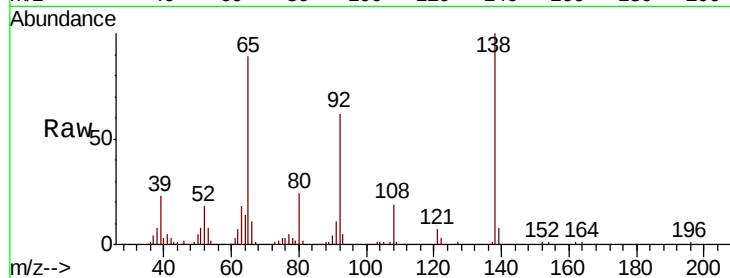
ClientSampleId :

PB113657BS

Tot Ion:	65	Resp:	143994
Ion Ratio	Lower	Upper	
65	100		
92	69.7	54.6	81.8
138	112.9	80.3	120.5

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#48

Acenaphthylene

Concen: 42.815 ng

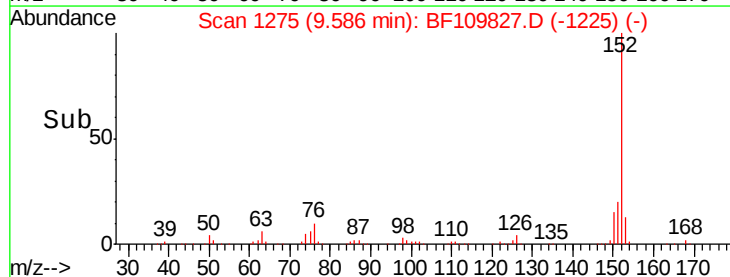
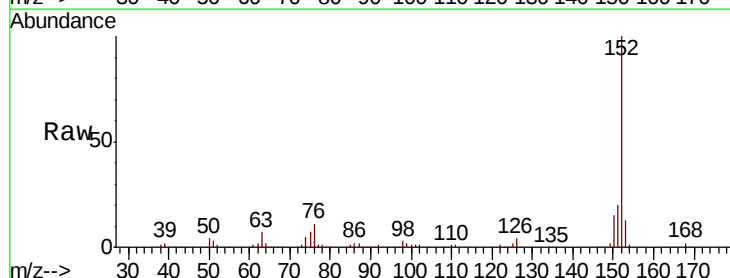
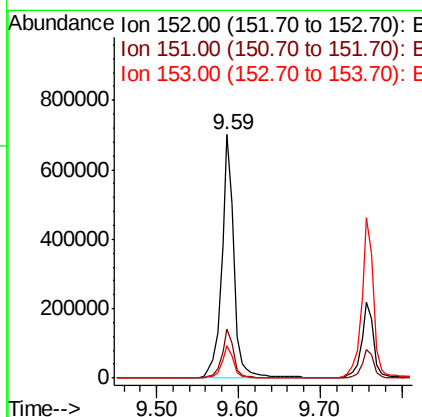
RT: 9.59 min Scan# 1275

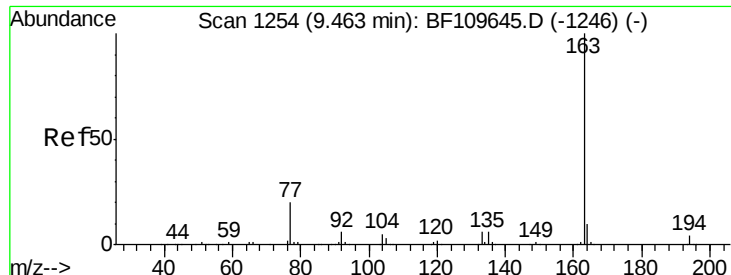
Delta R.T. -0.01 min

Lab File: BF109827.D

Acq: 12 Oct 2018 12:18

Tgt Ion:	152	Resp:	734847
Ion Ratio	Lower	Upper	
152	100		
151	20.1	15.8	23.8
153	13.3	10.4	15.6





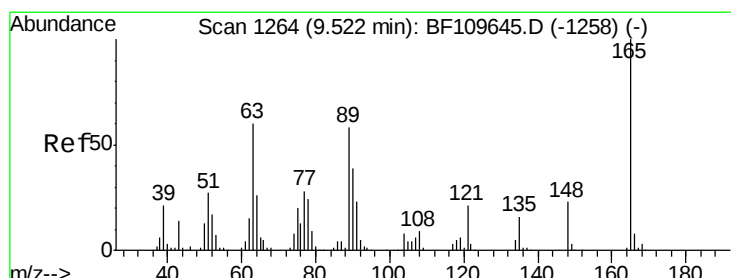
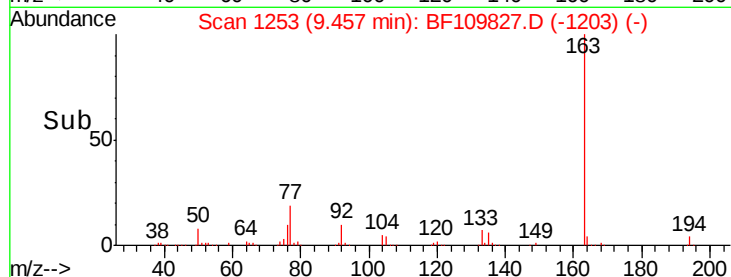
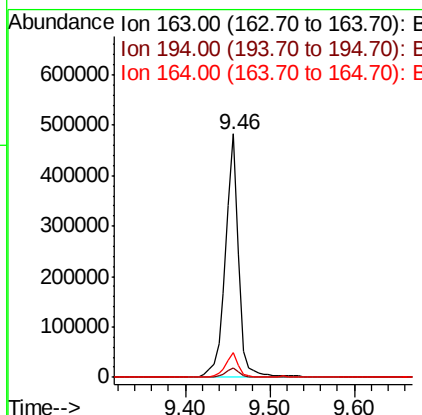
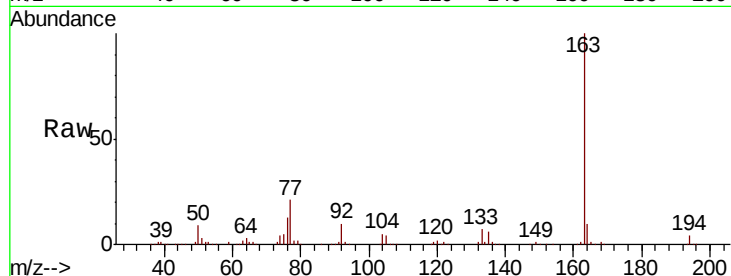
#49
Dimethylphthalate
Concen: 40.641 ng
RT: 9.46 min Scan# 1253
Delta R.T. -0.01 min
Lab File: BF109827.D
Acq: 12 Oct 2018 12:18

Instrument :
BNA_F
ClientSampleId :
PB113657BS

Tot Ion	Ratio	Resp	Lower	Upper
163	100	524293		
194	3.8		3.2	4.8
164	10.2		8.1	12.1

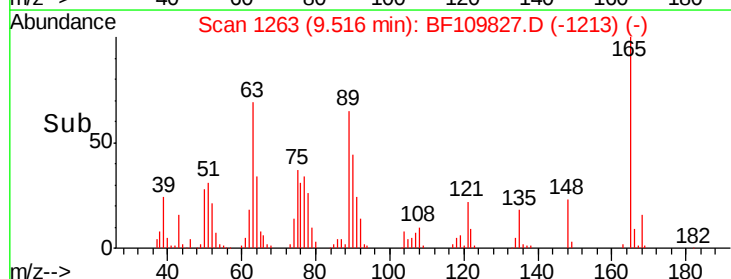
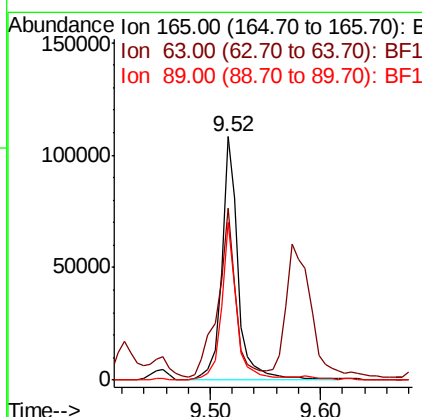
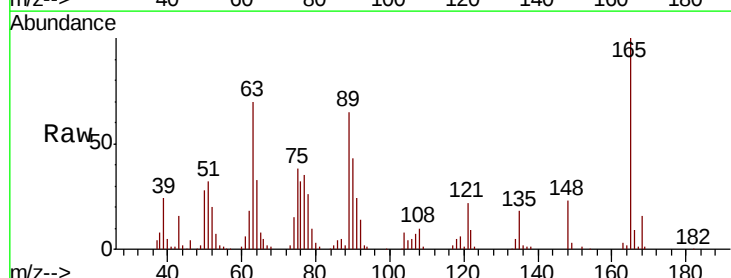
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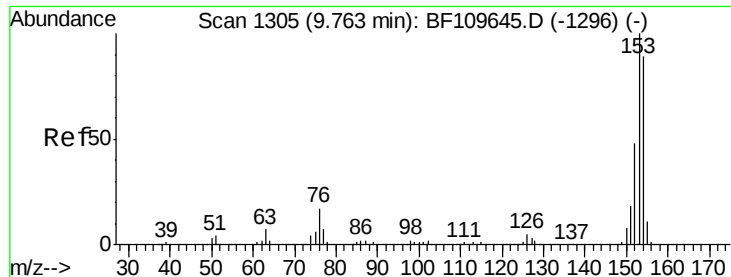
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#50
2,6-Dinitrotoluene
Concen: 40.339 ng
RT: 9.52 min Scan# 1263
Delta R.T. -0.01 min
Lab File: BF109827.D
Acq: 12 Oct 2018 12:18

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	112807		
63	70.4		48.9	73.3
89	65.0		46.6	69.8





#51

Acenaphthene

Concen: 40.728 ng

RT: 9.76 min Scan# 1304

Delta R.T. -0.01 min

Lab File: BF109827.D

Acq: 12 Oct 2018 12:18

Instrument :

BNA_F

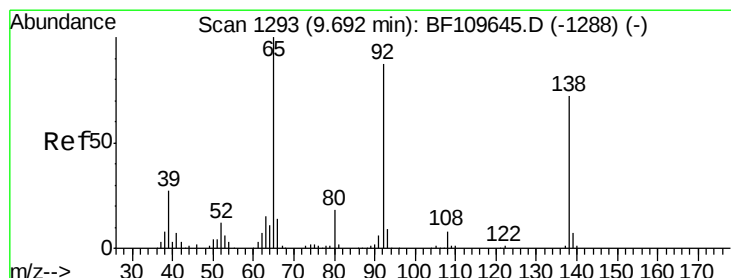
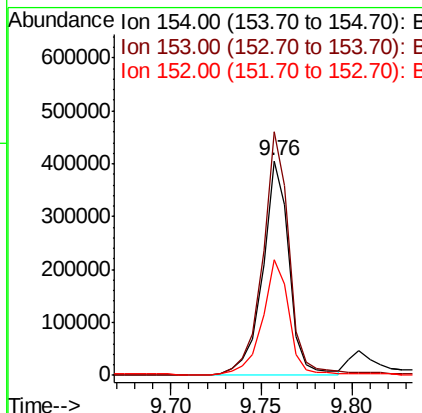
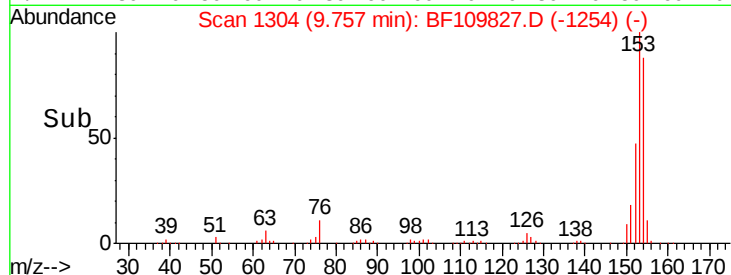
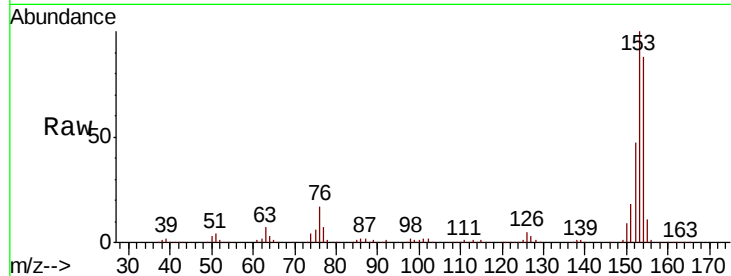
ClientSampleId :

PB113657BS

Tot Ion:	154	Resp:	414385
Ion Ratio	Lower	Upper	
154	100		
153	113.4	90.1	135.1
152	53.8	43.4	65.2

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#52

3-Nitroaniline

Concen: 26.867 ng

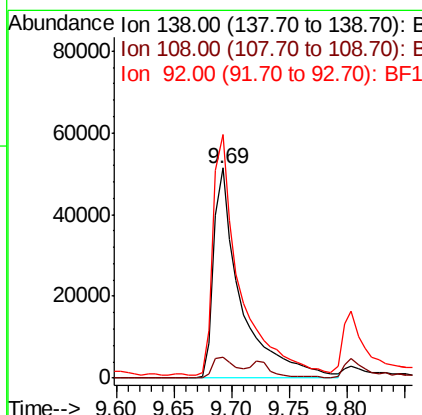
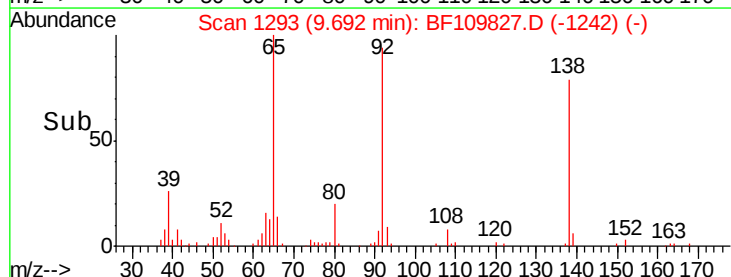
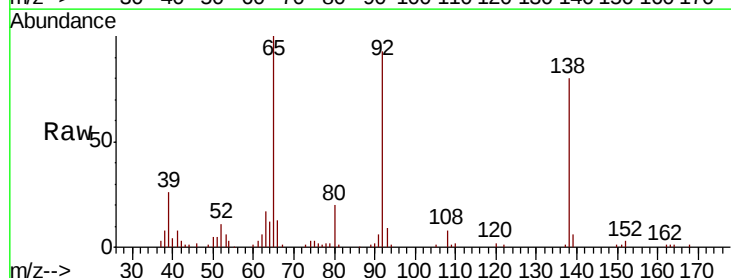
RT: 9.69 min Scan# 1293

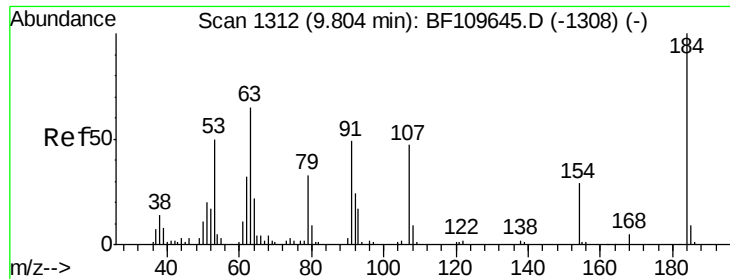
Delta R.T. 0.00 min

Lab File: BF109827.D

Acq: 12 Oct 2018 12:18

Tgt Ion:	138	Resp:	84221
Ion Ratio	Lower	Upper	
138	100		
108	10.1	8.7	13.1
92	115.9	97.0	145.4





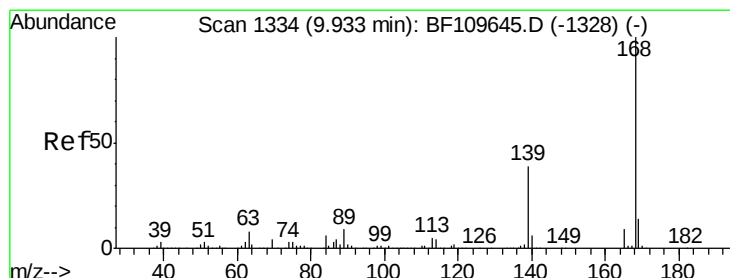
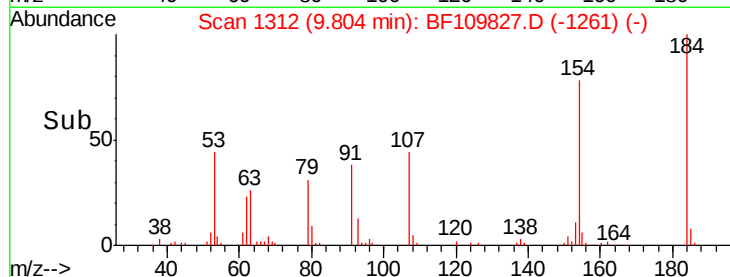
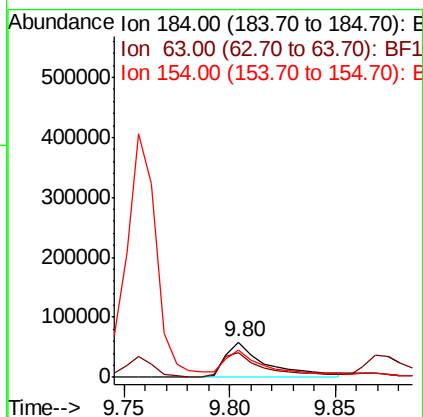
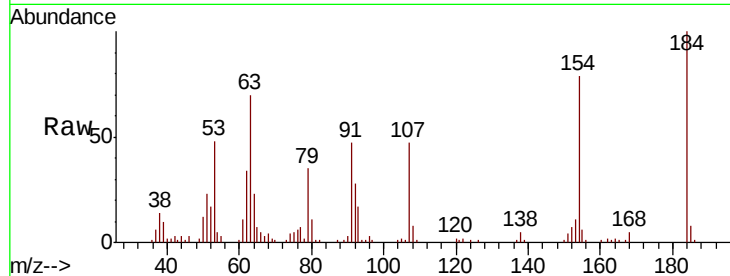
#53
 2,4-Dinitrophenol
 Concen: 86.374 ng
 RT: 9.80 min Scan# 1312
 Delta R.T. 0.00 min
 Lab File: BF109827.D
 Acq: 12 Oct 2018 12:18

Instrument :
 BNA_F
 ClientSampled :
 PB113657BS

Tot Ion	Ratio	Resp	Lower	Upper
184	100			
63	69.5	55.8	83.6	
154	79.1	63.2	94.8	

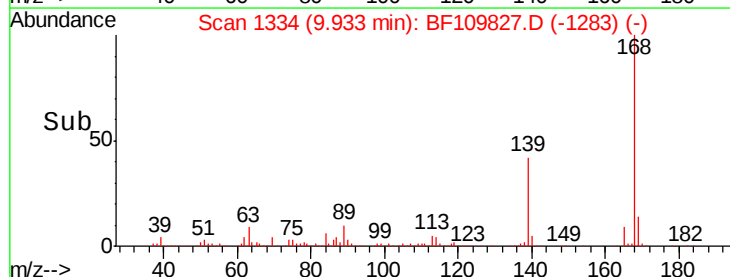
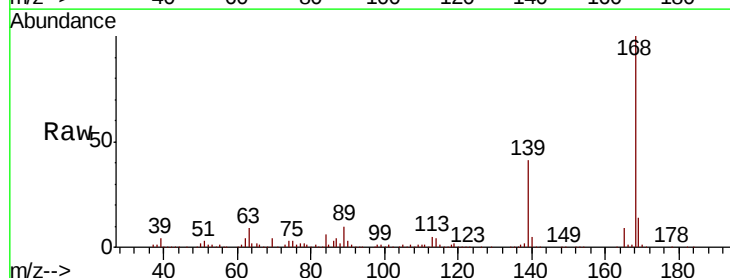
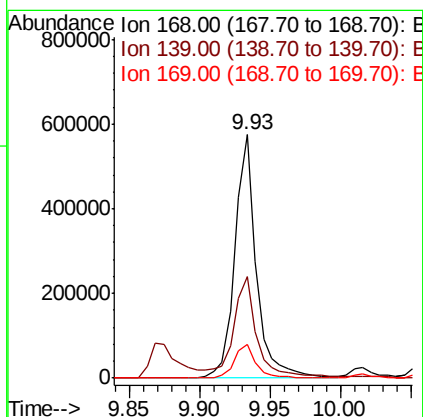
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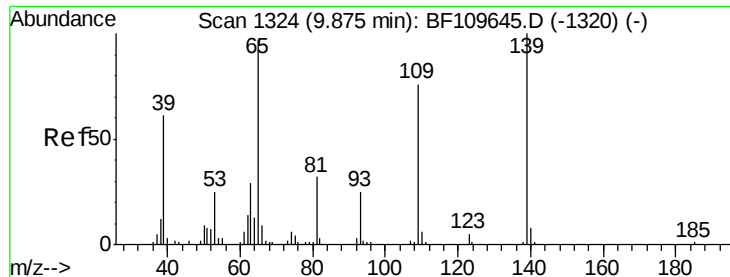
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#54
 Dibenzofuran
 Concen: 40.020 ng
 RT: 9.93 min Scan# 1334
 Delta R.T. 0.00 min
 Lab File: BF109827.D
 Acq: 12 Oct 2018 12:18

Tgt Ion	Ratio	Resp	Lower	Upper
168	100			
139	41.5	33.0	49.6	
169	14.0	11.3	16.9	





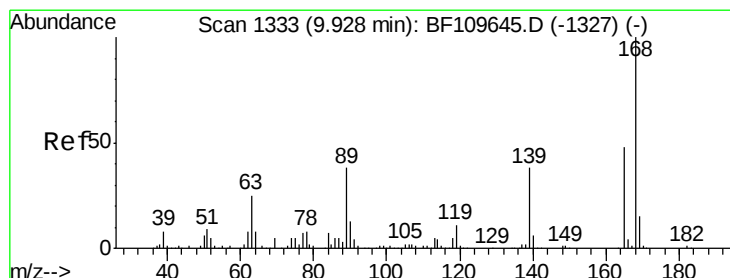
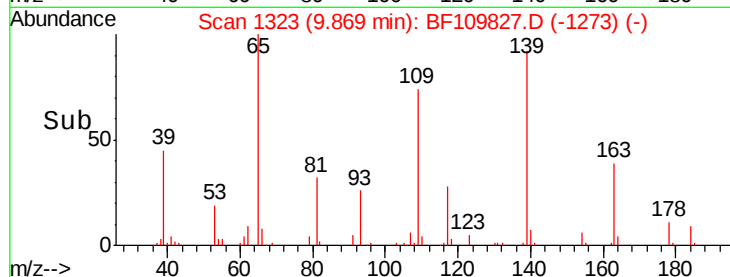
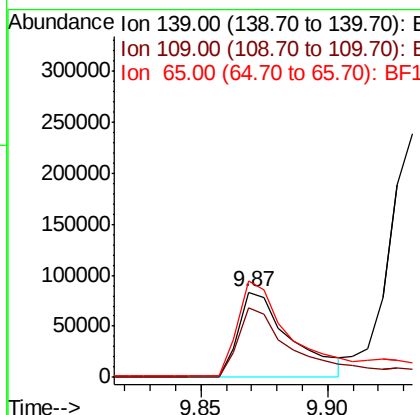
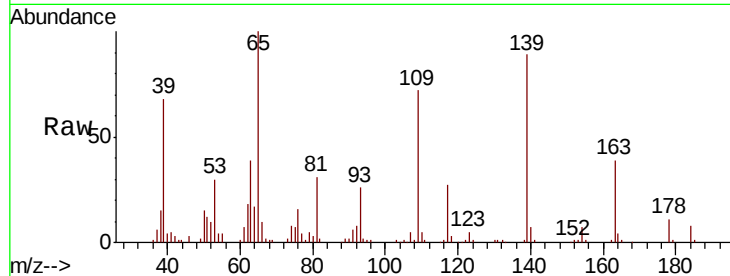
#55
4-Nitrophenol
Concen: 69.883 ng
RT: 9.87 min Scan# 1323
Delta R.T. -0.01 min
Lab File: BF109827.D
Acq: 12 Oct 2018 12:18

Instrument :
BNA_F
ClientSampleId :
PB113657BS

Tot Ion	Ratio	Resp	Lower	Upper
139	100			
109	81.4	55.8	95.8	
65	112.8	77.9	117.9	

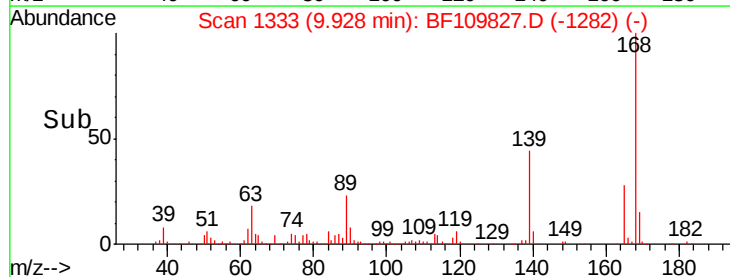
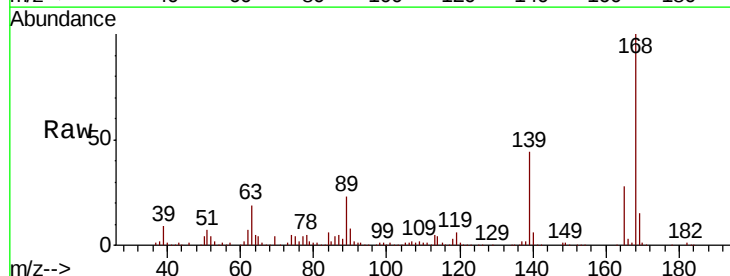
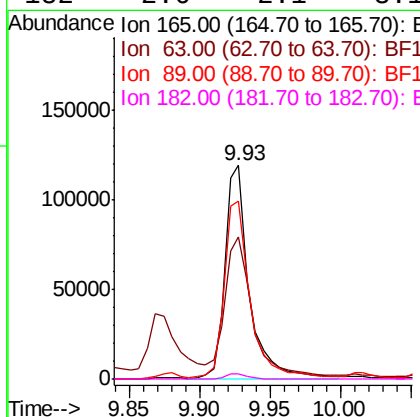
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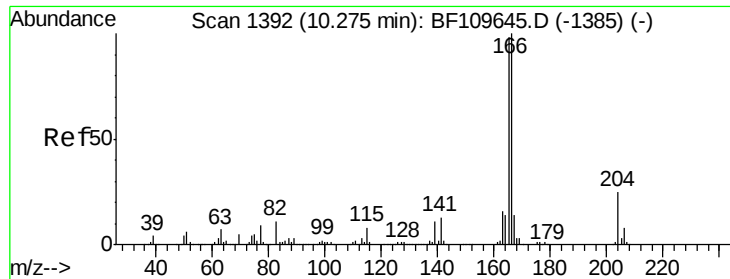
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#56
2,4-Dinitrotoluene
Concen: 41.042 ng
RT: 9.93 min Scan# 1333
Delta R.T. 0.00 min
Lab File: BF109827.D
Acq: 12 Oct 2018 12:18

Tgt Ion	Ratio	Resp	Lower	Upper
165	100			
63	66.7	44.8	67.2	
89	83.1	62.2	93.4	
182	2.6	2.1	3.1	





#57

Fluorene

Concen: 43.187 ng

RT: 10.27 min Scan# 1392

Delta R.T. 0.00 min

Lab File: BF109827.D

Acq: 12 Oct 2018 12:18

Instrument :

BNA_F

ClientSampleId :

PB113657BS

Tot Ion:166 Resp: 491874

Ion Ratio Lower Upper

166 100

165 99.2 78.6 117.8

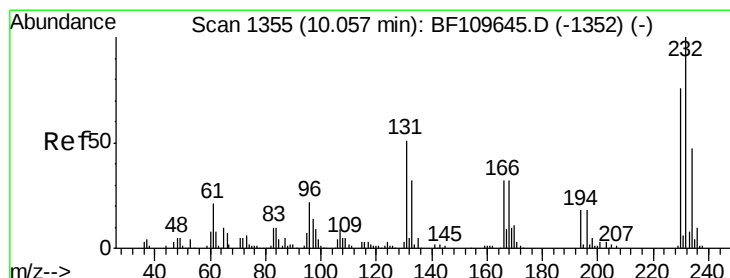
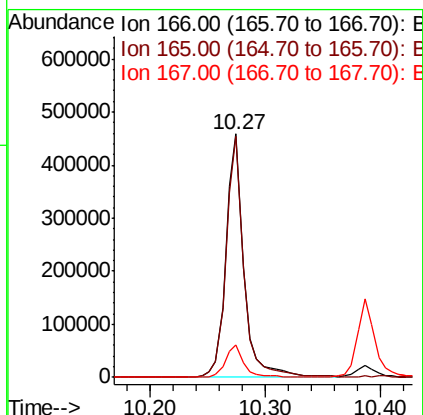
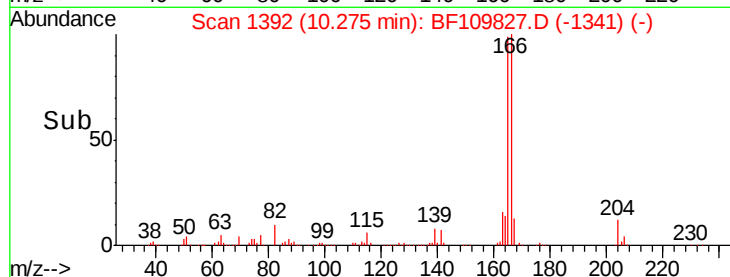
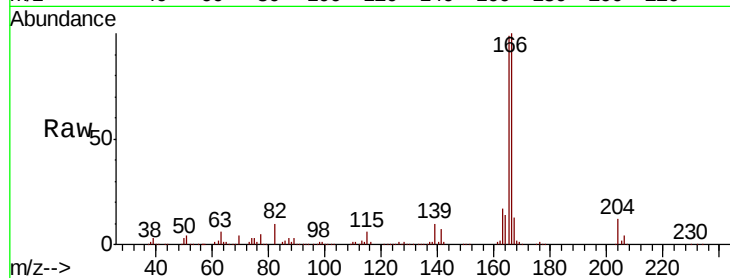
167 13.3 10.8 16.2

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#58

2,3,4,6-Tetrachlorophenol

Concen: 41.177 ng

RT: 10.06 min Scan# 1355

Delta R.T. 0.00 min

Lab File: BF109827.D

Acq: 12 Oct 2018 12:18

Tgt Ion:232 Resp: 137758

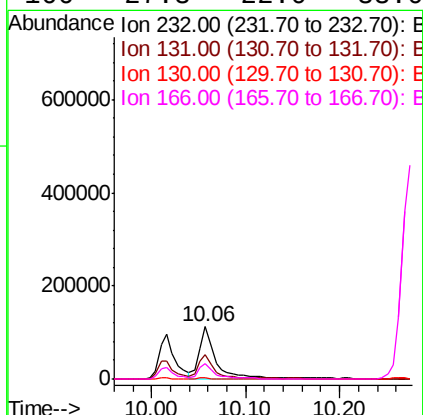
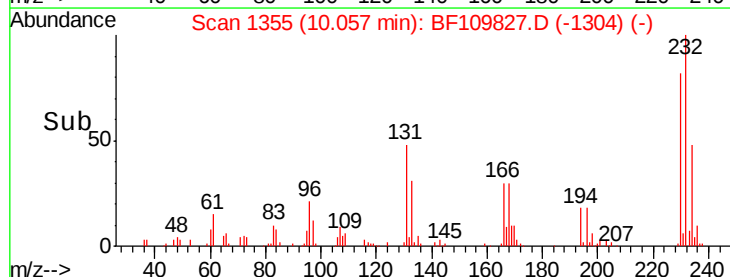
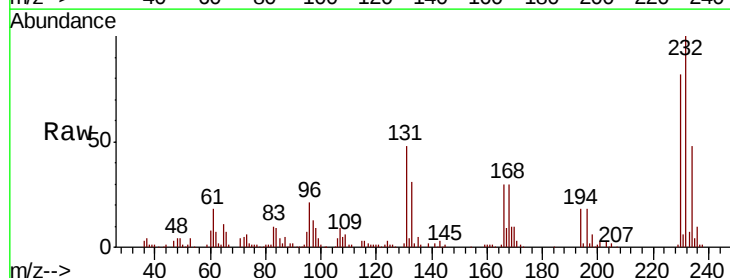
Ion Ratio Lower Upper

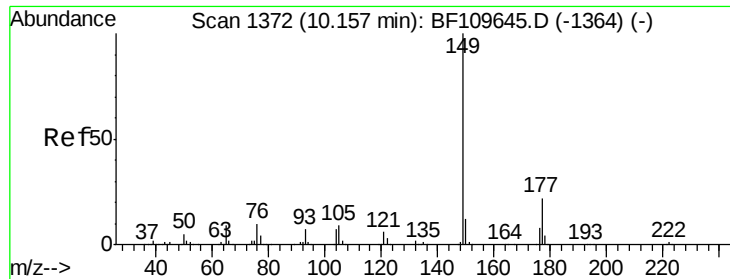
232 100

131 47.5 37.0 55.4

130 2.3 1.8 2.6

166 27.3 22.0 33.0





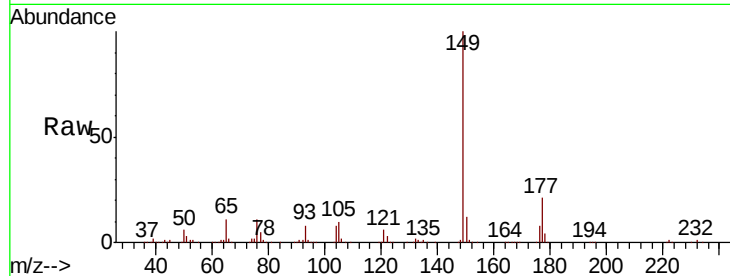
#59
Diethylphthalate
Concen: 40.170 ng
RT: 10.15 min Scan# 1371
Delta R.T. -0.01 min
Lab File: BF109827.D
Acq: 12 Oct 2018 12:18

Instrument :
BNA_F
ClientSampleId :
PB113657BS

Tot Ion	Ratio	Lower	Upper
149	100		
177	21.1	17.4	26.2
150	12.3	9.8	14.8

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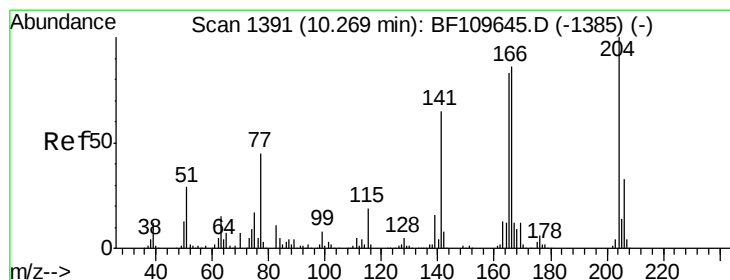
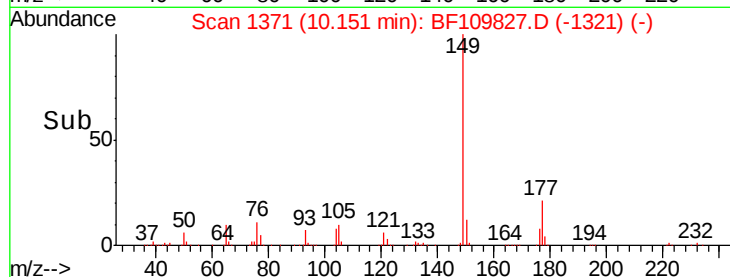
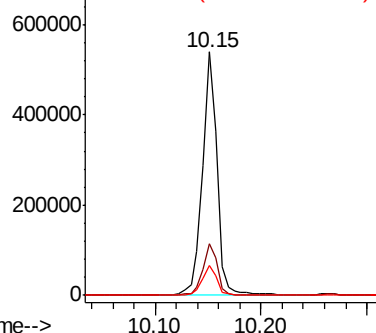


Abundance

Ion 149.00 (148.70 to 149.70): E

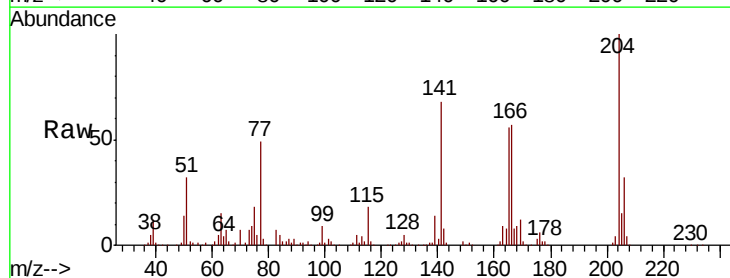
Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E



#60
4-Chlorophenyl-phenylether
Concen: 39.056 ng
RT: 10.26 min Scan# 1390
Delta R.T. -0.01 min
Lab File: BF109827.D
Acq: 12 Oct 2018 12:18

Tgt Ion	Ratio	Lower	Upper
204	100		
206	32.1	26.5	39.7
141	68.2	51.8	77.8

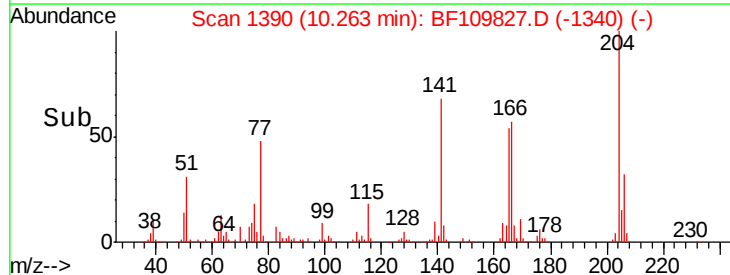
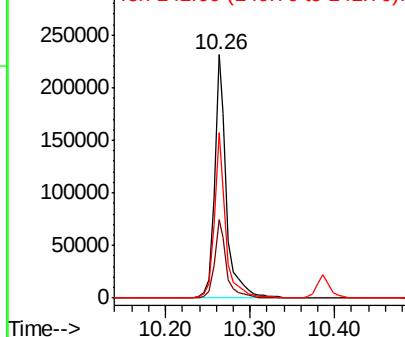


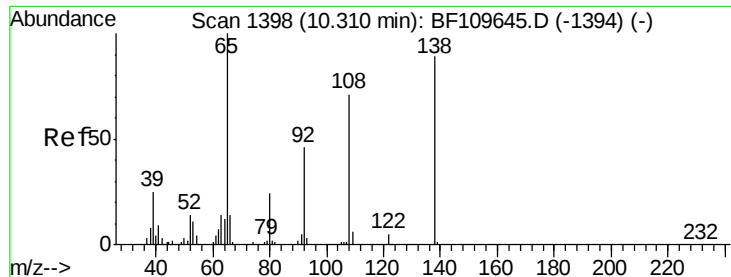
Abundance

Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E





#61

4-Nitroaniline

Concen: 39.751 ng

RT: 10.31 min Scan# 1398

Delta R.T. 0.00 min

Lab File: BF109827.D

Acq: 12 Oct 2018 12:18

Instrument :

BNA_F

ClientSampleId :

PB113657BS

Tot Ion:138 Resp: 115399

Ion Ratio Lower Upper

138 100

92 51.7 31.7 71.7

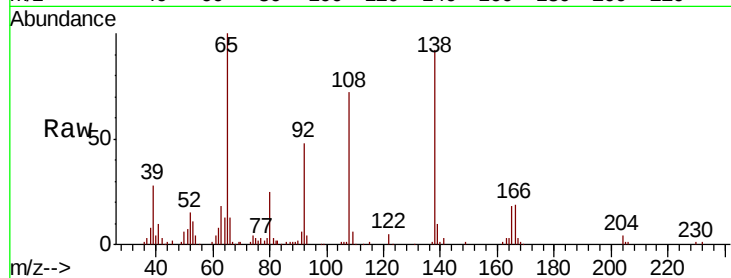
108 78.0 59.3 99.3

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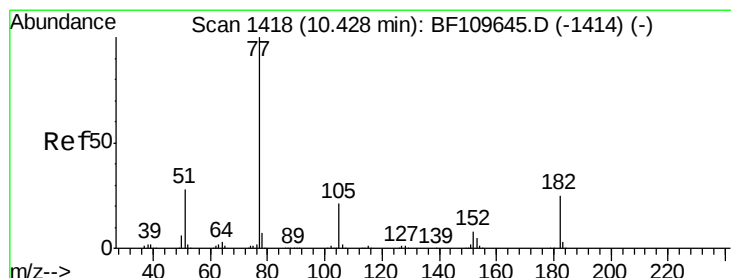
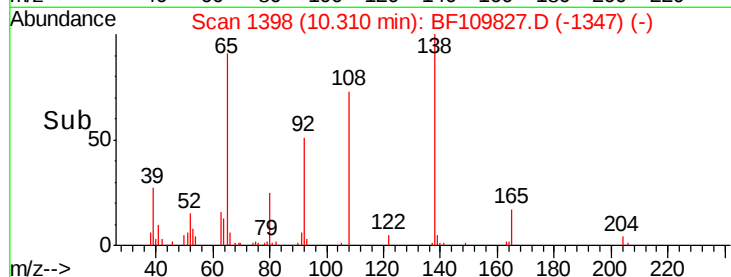
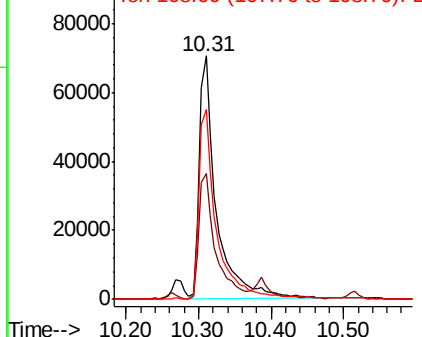
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Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BF1

Ion 108.00 (107.70 to 108.70): E



#62

Azobenzene

Concen: 41.863 ng

RT: 10.43 min Scan# 1418

Delta R.T. 0.00 min

Lab File: BF109827.D

Acq: 12 Oct 2018 12:18

Tgt Ion: 77 Resp: 543387

Ion Ratio Lower Upper

77 100

182 26.8 4.3 44.3

105 21.5 1.3 41.3

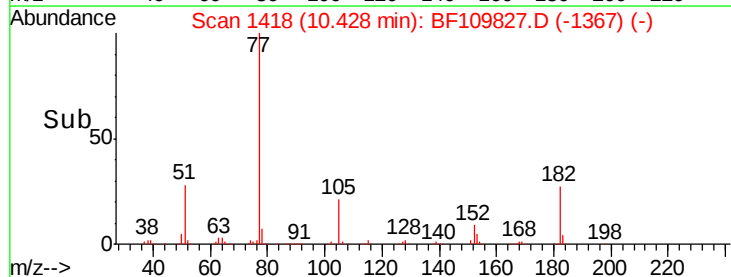
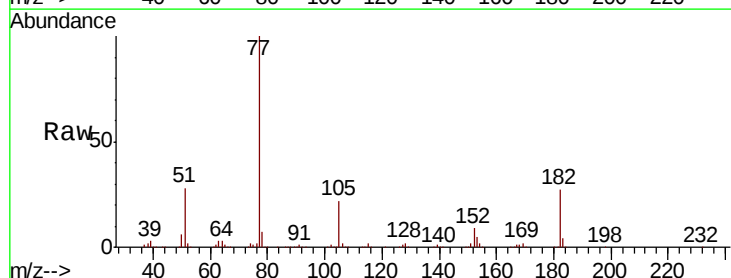
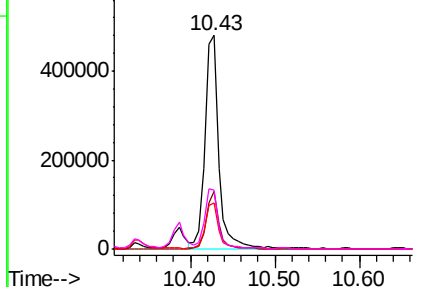
51 27.8 9.0 49.0

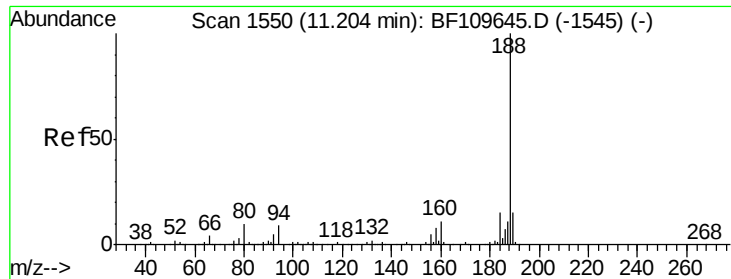
Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF1





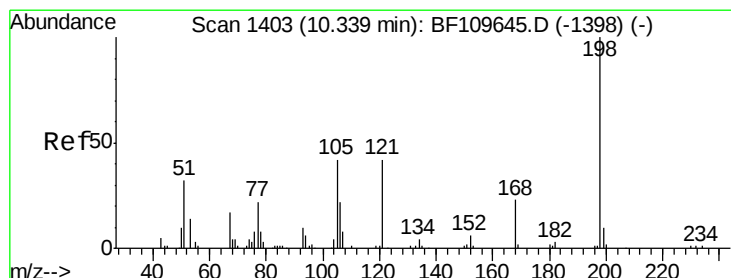
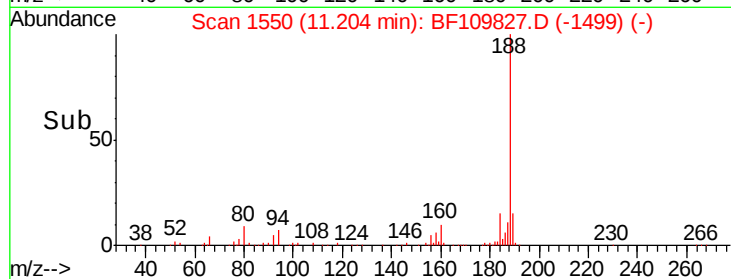
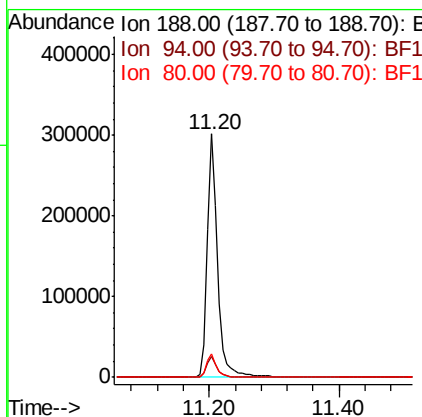
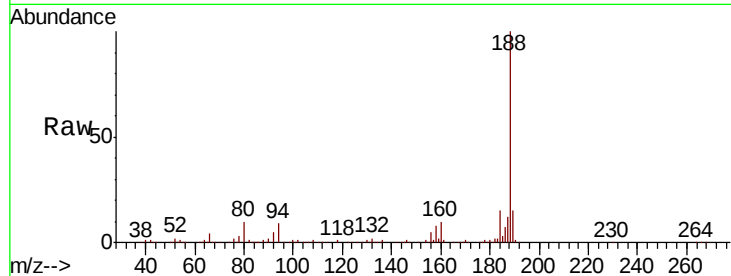
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.20 min Scan# 1550
Delta R.T. 0.00 min
Lab File: BF109827.D
Acq: 12 Oct 2018 12:18

Instrument :
BNA_F
ClientSampleId :
PB113657BS

Tot Ion	Ratio	Resp	Lower	Upper
188	100	331100		
94	8.8		7.2	10.8
80	9.6		7.9	11.9

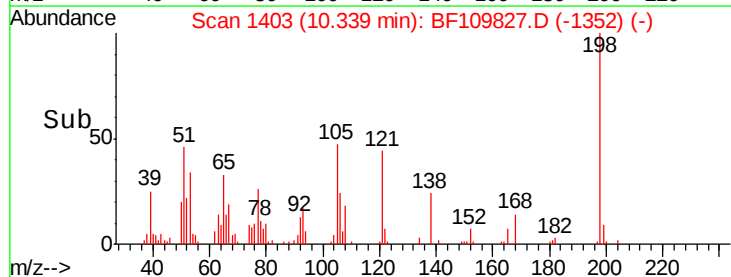
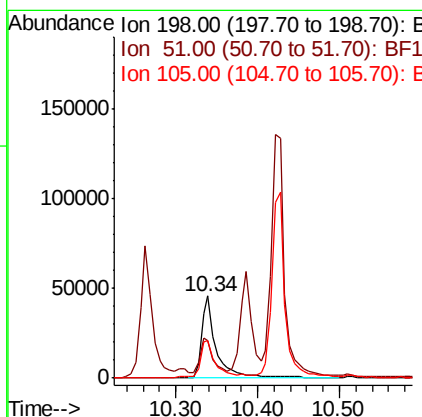
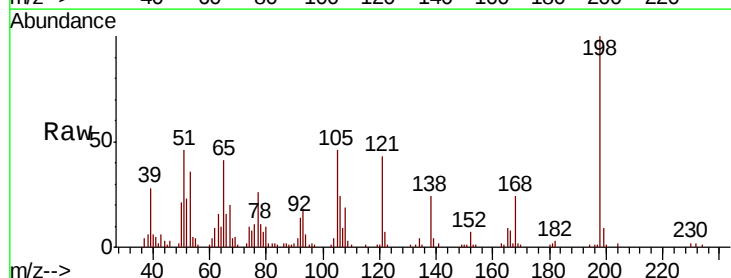
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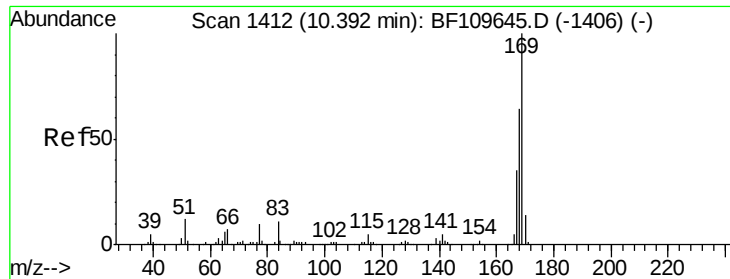
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#64
4,6-Dinitro-2-methylphenol
Concen: 36.244 ng
RT: 10.34 min Scan# 1403
Delta R.T. 0.00 min
Lab File: BF109827.D
Acq: 12 Oct 2018 12:18

Tgt Ion	Ratio	Resp	Lower	Upper
198	100	58408		
51	45.8		22.8	62.8
105	45.6		23.6	63.6





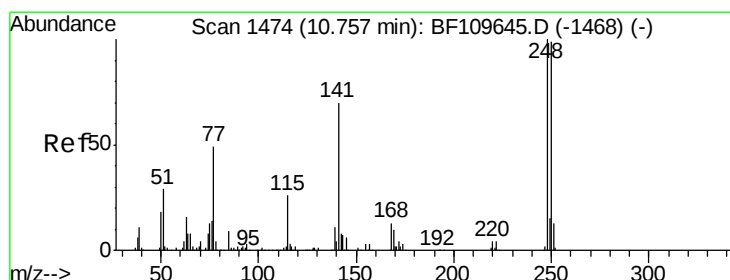
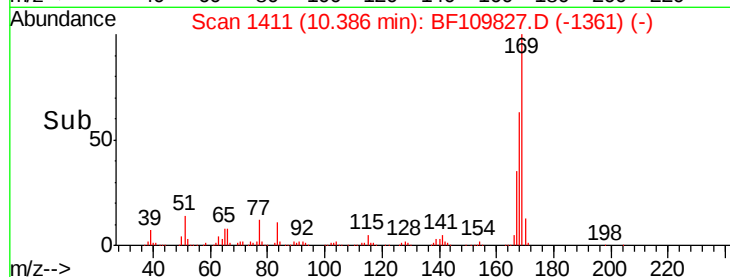
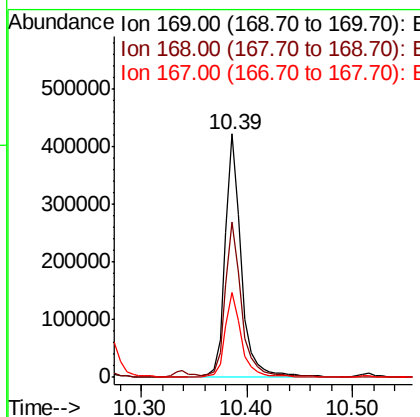
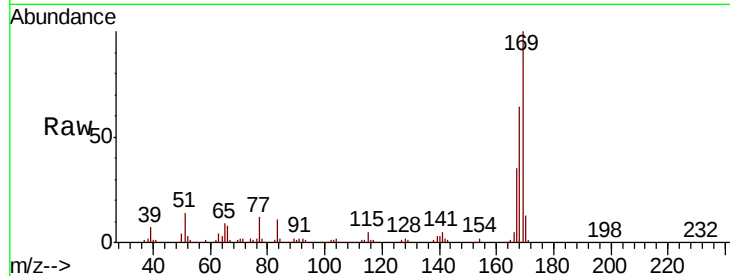
#65
n-Nitrosodiphenylamine
Concen: 39.585 ng
RT: 10.39 min Scan# 1411
Delta R.T. -0.01 min
Lab File: BF109827.D
Acq: 12 Oct 2018 12:18

Instrument :
BNA_F
ClientSampleId :
PB113657BS

Tot Ion	Ratio	Lower	Upper
169	100		
168	64.0	51.2	76.8
167	35.0	27.8	41.6

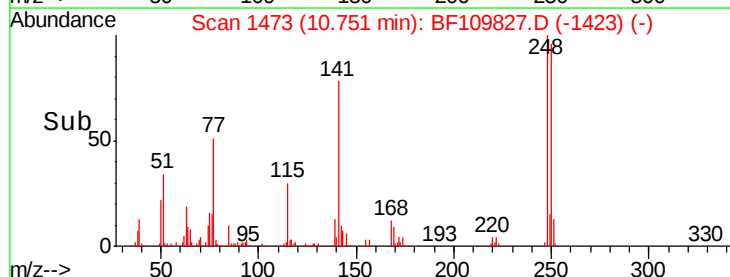
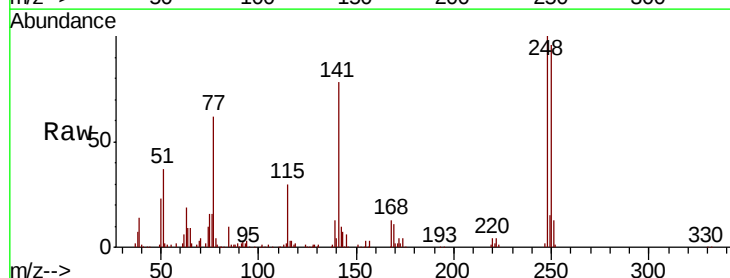
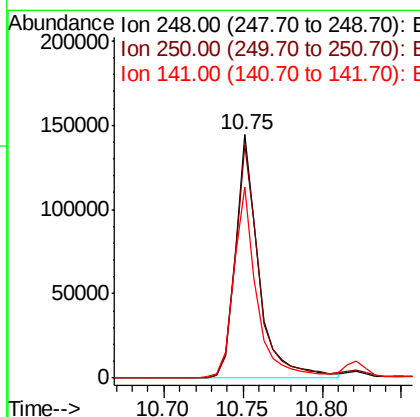
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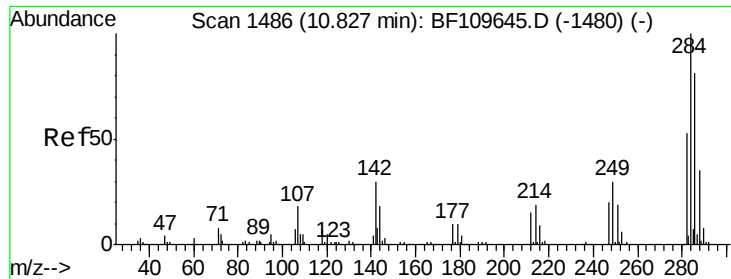
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#66
4-Bromophenyl-phenylether
Concen: 38.853 ng
RT: 10.75 min Scan# 1473
Delta R.T. -0.01 min
Lab File: BF109827.D
Acq: 12 Oct 2018 12:18

Tgt Ion	Ratio	Lower	Upper
248	100		
250	96.1	79.4	119.2
141	78.3	55.9	83.9





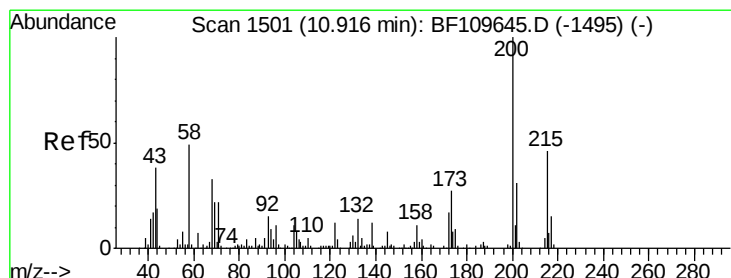
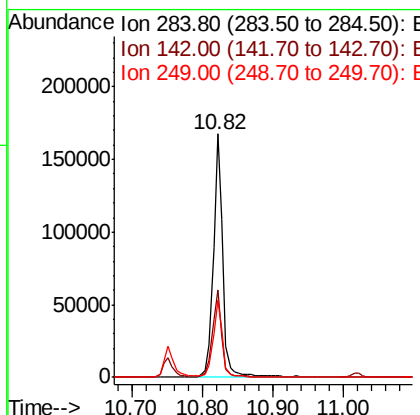
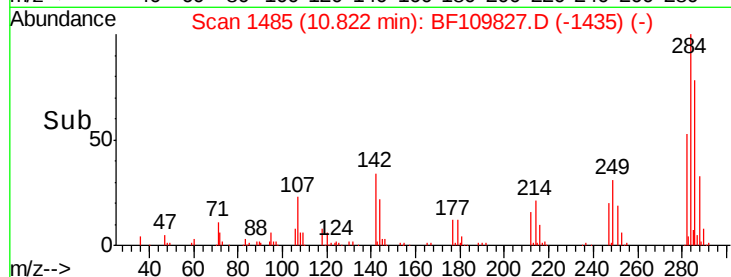
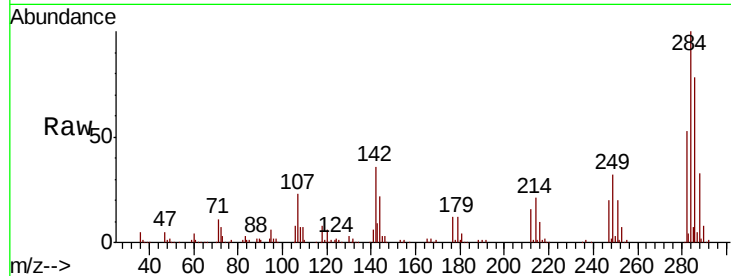
#67
Hexachlorobenzene
Concen: 38.386 ng
RT: 10.82 min Scan# 1485
Delta R.T. -0.01 min
Lab File: BF109827.D
Acq: 12 Oct 2018 12:18

Instrument :
BNA_F
ClientSampleId :
PB113657BS

Tot Ion	Ratio	Resp	Lower	Upper
284	100	158133		
142	35.9	23.9	35.9	
249	31.9	24.2	36.2	

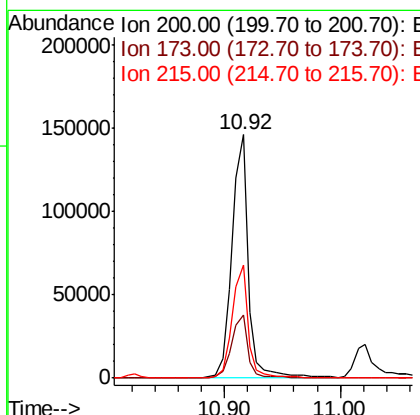
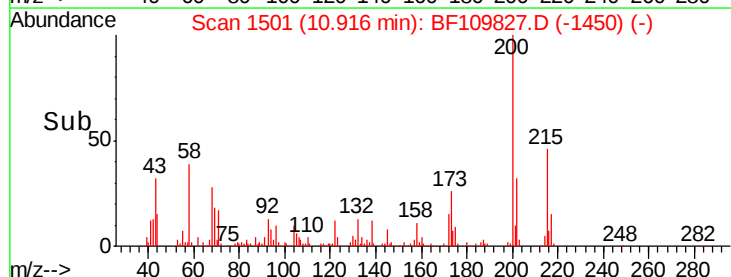
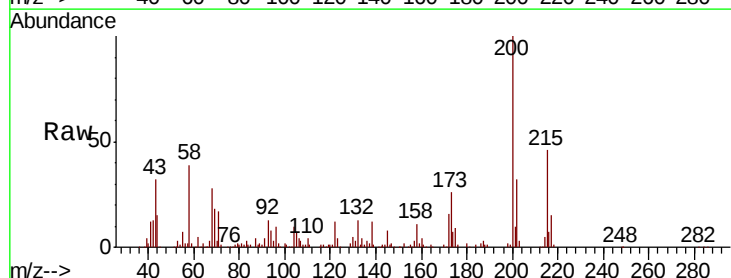
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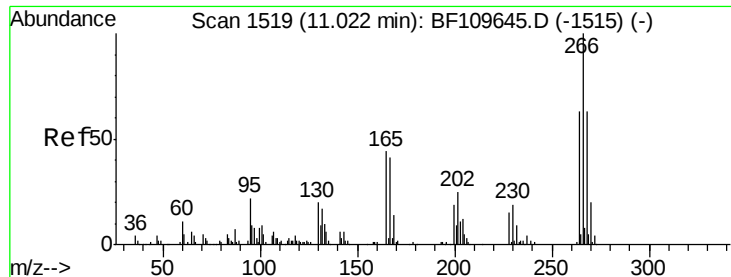
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#68
Atrazine
Concen: 41.010 ng
RT: 10.92 min Scan# 1501
Delta R.T. 0.00 min
Lab File: BF109827.D
Acq: 12 Oct 2018 12:18

Tgt Ion	Ratio	Resp	Lower	Upper
200	100	143654		
173	26.0	6.6	46.6	
215	46.2	26.3	66.3	





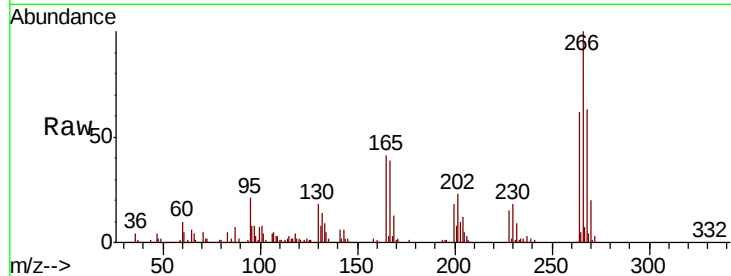
#69
 Pentachlorophenol
 Concen: 66.571 ng
 RT: 11.02 min Scan# 1519
 Delta R.T. 0.00 min
 Lab File: BF109827.D
 Acq: 12 Oct 2018 12:18

Instrument :
 BNA_F
 ClientSampleId :
 PB113657BS

Tot Ion	Ratio	Resp	Lower	Upper
266	100	154319		
268	63.0		50.6	75.8
264	61.7		50.6	75.8

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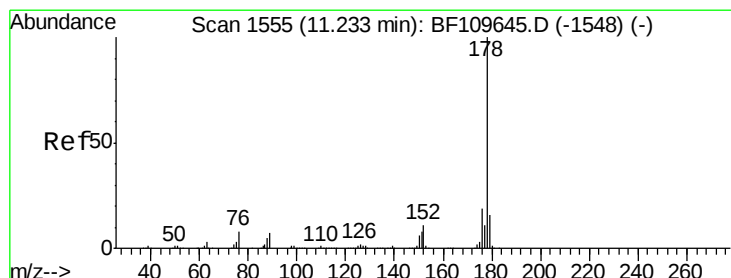
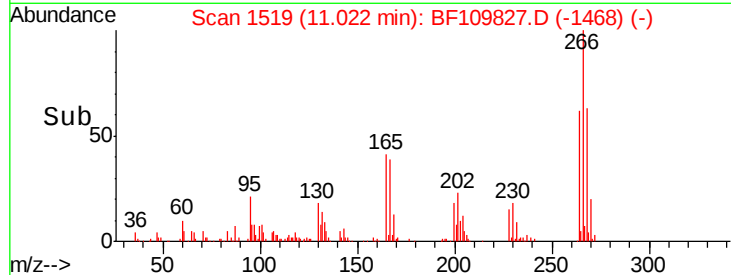
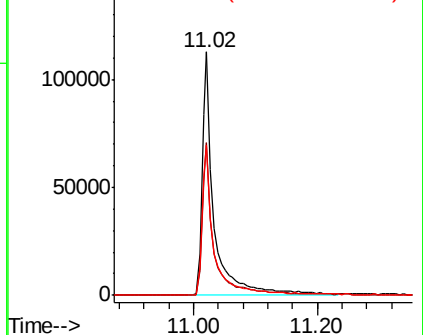


Abundance

Ion 265.70 (265.40 to 266.40): E

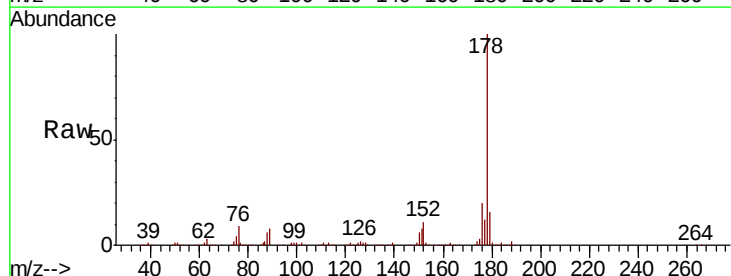
Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E



#70
 Phenanthrene
 Concen: 42.643 ng
 RT: 11.23 min Scan# 1554
 Delta R.T. -0.01 min
 Lab File: BF109827.D
 Acq: 12 Oct 2018 12:18

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	706567		
176	20.0		15.5	23.3
179	15.5		12.5	18.7

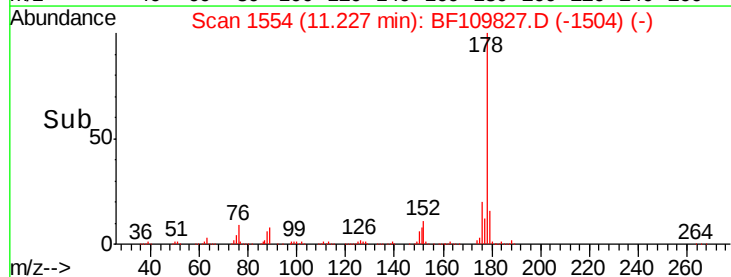
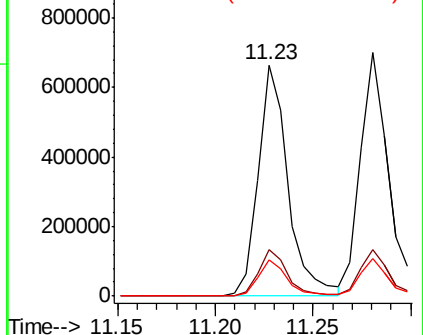


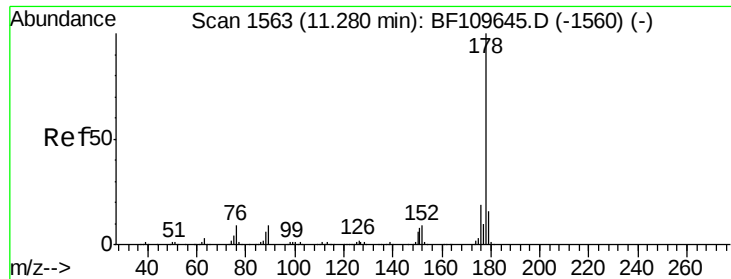
Abundance

Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





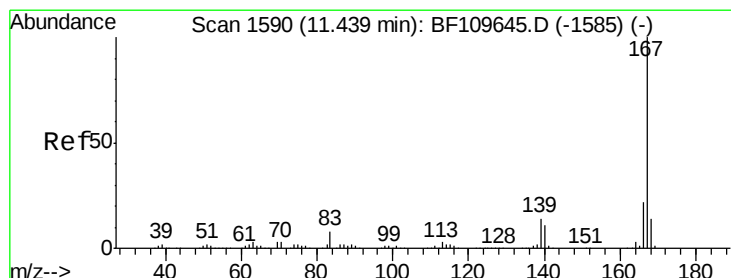
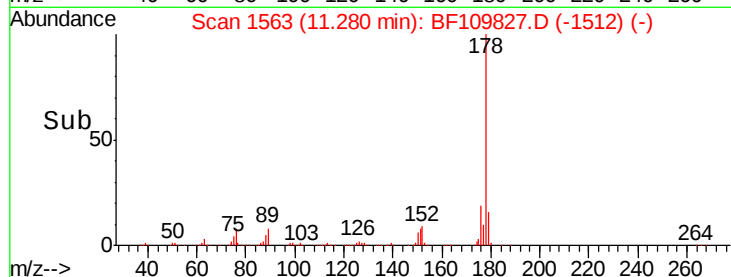
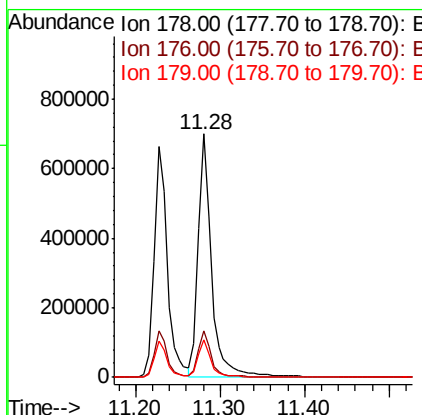
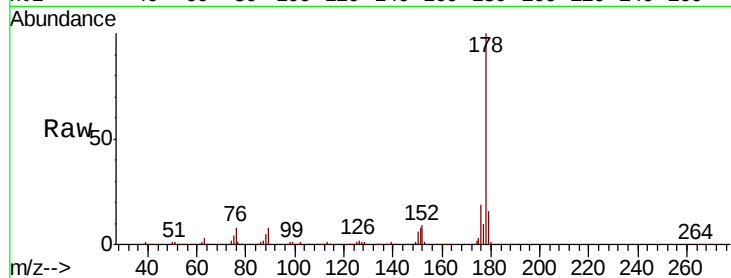
#71
 Anthracene
 Concen: 44.572 ng
 RT: 11.28 min Scan# 1563
 Delta R.T. 0.00 min
 Lab File: BF109827.D
 Acq: 12 Oct 2018 12:18

Instrument :
 BNA_F
 ClientSampleId :
 PB113657BS

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.1	15.4	23.2
179	15.6	12.6	18.8

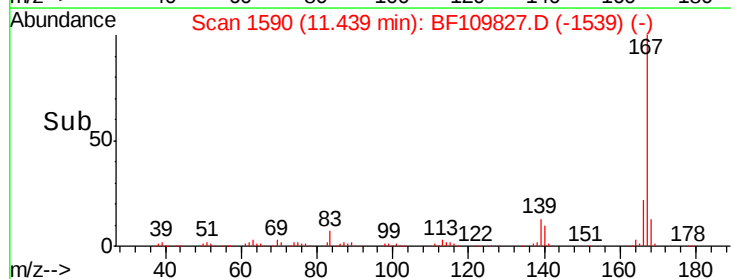
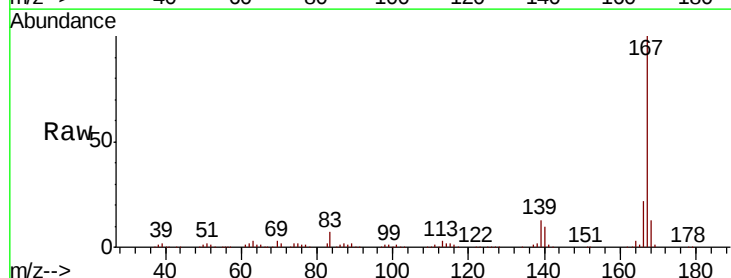
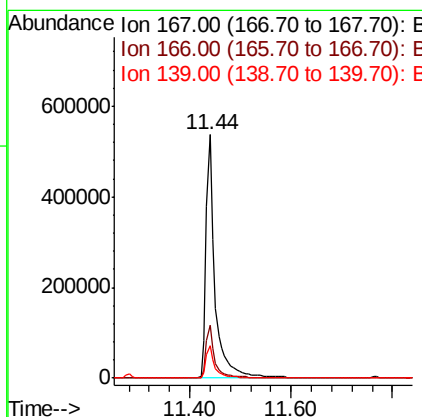
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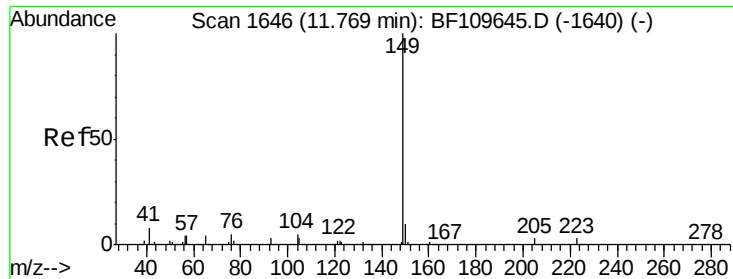
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#72
 Carbazole
 Concen: 40.106 ng
 RT: 11.44 min Scan# 1590
 Delta R.T. 0.00 min
 Lab File: BF109827.D
 Acq: 12 Oct 2018 12:18

Tgt Ion	Ratio	Lower	Upper
167	100		
166	21.8	17.4	26.0
139	13.1	10.9	16.3





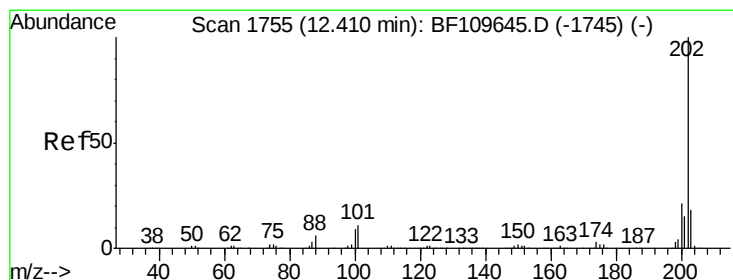
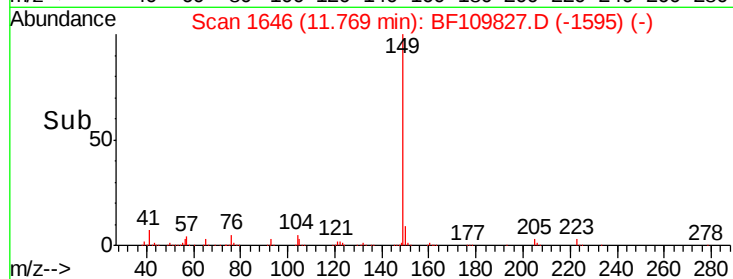
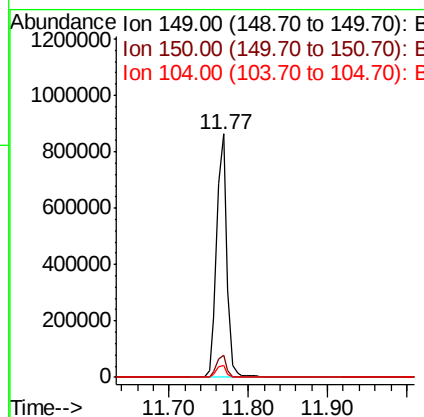
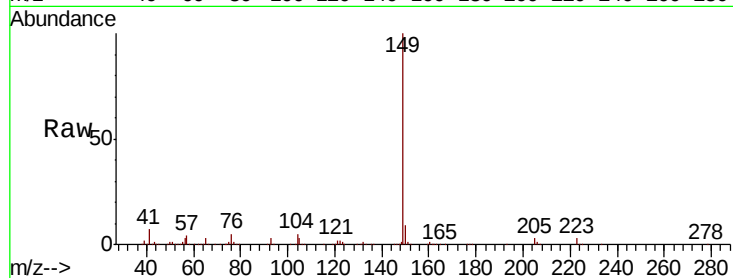
#73
Di-n-butylphthalate
Concen: 40.451 ng
RT: 11.77 min Scan# 1646
Delta R.T. 0.00 min
Lab File: BF109827.D
Acq: 12 Oct 2018 12:18

Instrument :
BNA_F
ClientSampleId :
PB113657BS

Tot Ion	Ratio	Resp	Lower	Upper
149	100	779402		
150	9.1		7.7	11.5
104	5.2		4.2	6.4

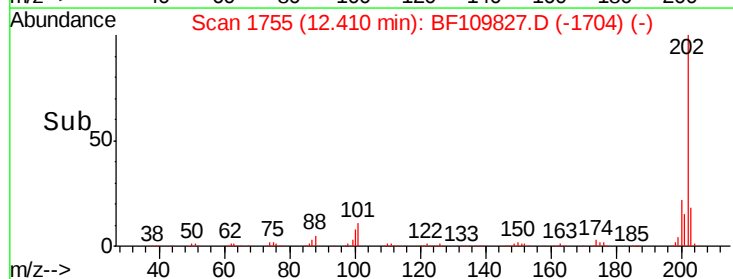
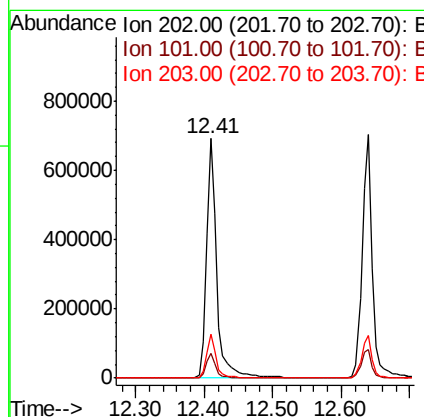
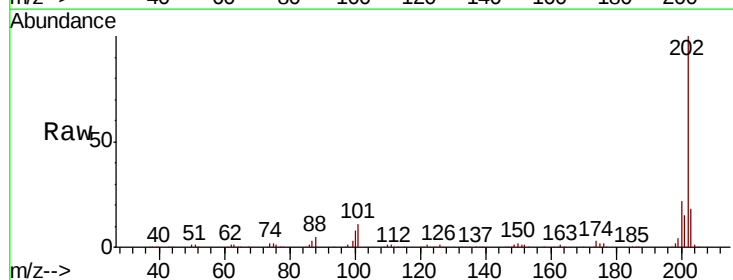
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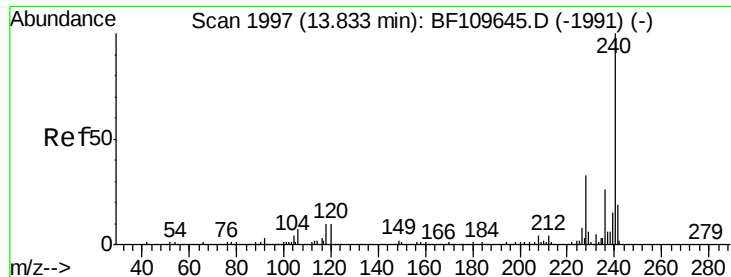
Sohil
10/15/2018 10:28:17 AM



#74
Fluoranthene
Concen: 42.775 ng
RT: 12.41 min Scan# 1755
Delta R.T. 0.00 min
Lab File: BF109827.D
Acq: 12 Oct 2018 12:18

Tgt Ion	Ratio	Resp	Lower	Upper
202	100	740440		
101	10.6		0.0	31.4
203	18.1		0.0	37.7





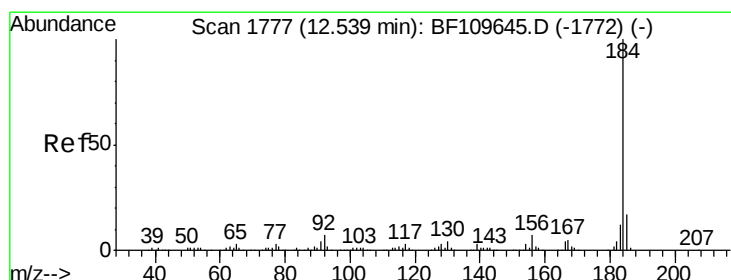
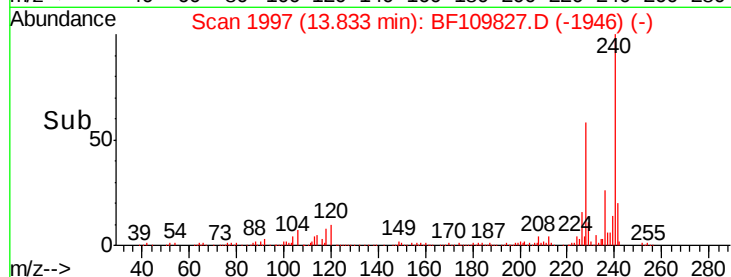
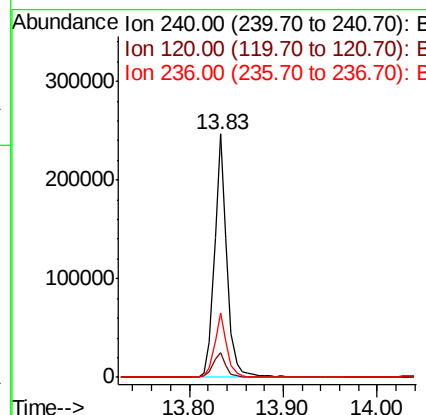
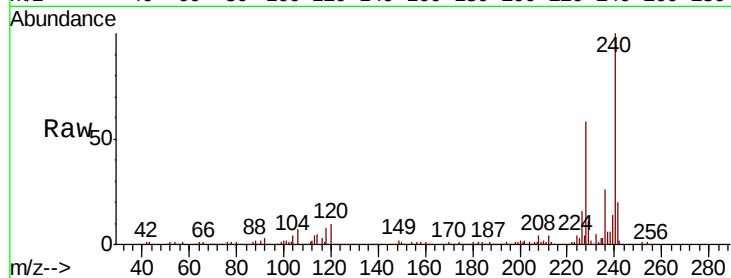
#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.83 min Scan# 1997
Delta R.T. 0.00 min
Lab File: BF109827.D
Acq: 12 Oct 2018 12:18

Instrument :
BNA_F
ClientSampleId :
PB113657BS

Tot Ion	Ratio	Lower	Upper
240	100		
120	10.2	8.3	12.5
236	26.2	21.2	31.8

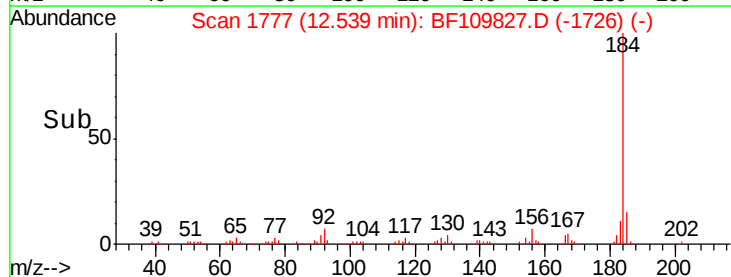
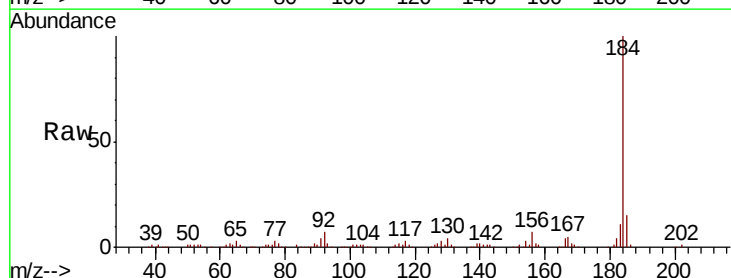
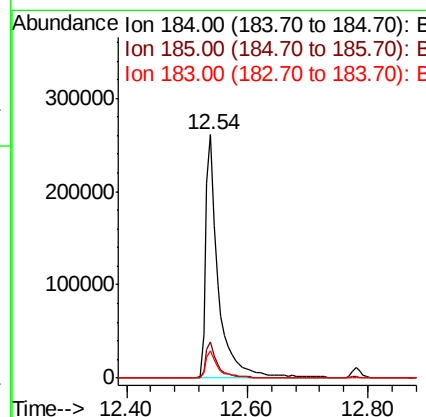
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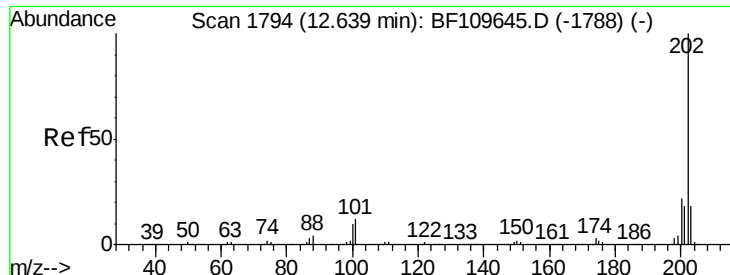
Sohil
10/15/2018 10:28:17 AM



#76
Benzidine
Concen: 44.580 ng
RT: 12.54 min Scan# 1777
Delta R.T. 0.00 min
Lab File: BF109827.D
Acq: 12 Oct 2018 12:18

Tgt Ion	Ratio	Lower	Upper
184	100		
185	14.7	13.4	20.2
183	11.4	9.4	14.2





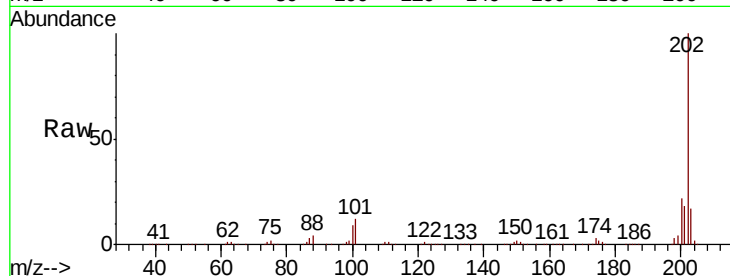
#77
Pvrene
Concen: 43.463 ng
RT: 12.64 min Scan# 1794
Delta R.T. 0.00 min
Lab File: BF109827.D
Acq: 12 Oct 2018 12:18

Instrument :
BNA_F
ClientSampleId :
PB113657BS

Tot Ion	Ratio	Lower	Upper
202	100		
200	21.6	17.8	26.6
203	17.4	14.2	21.4

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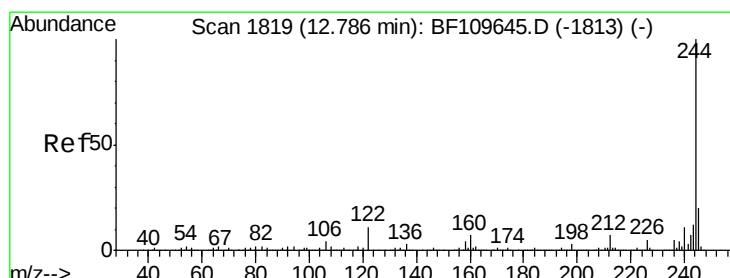
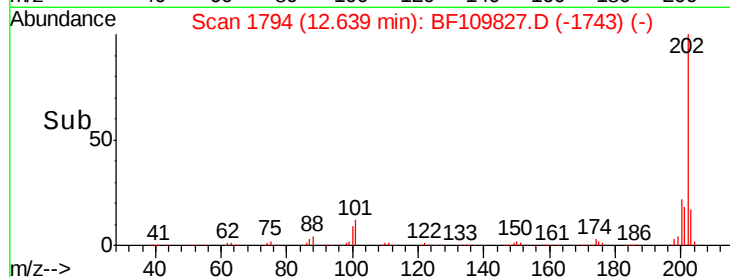
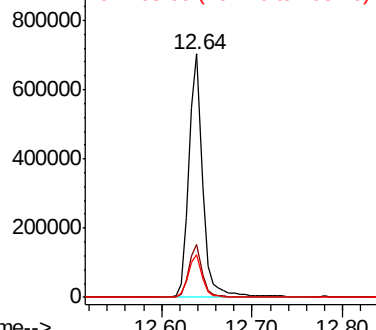


Abundance

Ion 202.00 (201.70 to 202.70): E

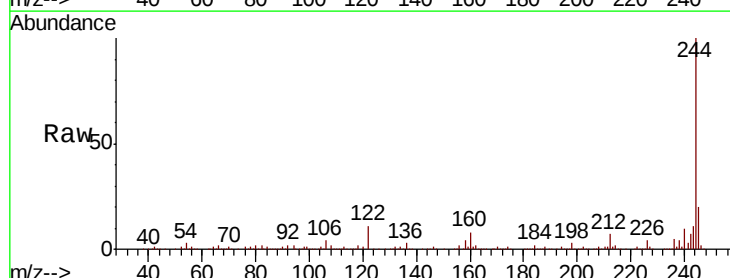
Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#78
Terphenyl-d14
Concen: 63.667 ng
RT: 12.78 min Scan# 1818
Delta R.T. -0.01 min
Lab File: BF109827.D
Acq: 12 Oct 2018 12:18

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.2	5.8	8.8
122	11.0	8.7	13.1

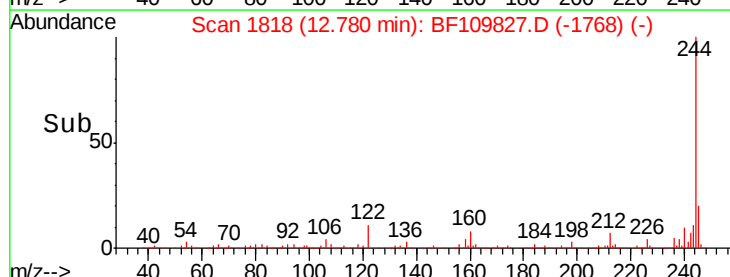
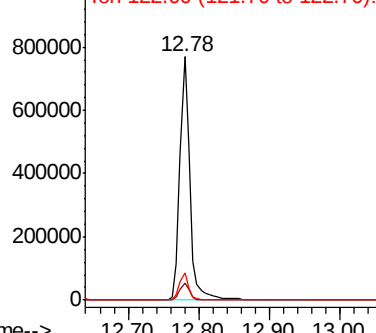


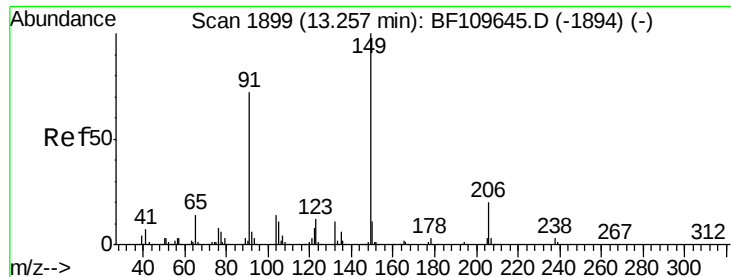
Abundance

Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





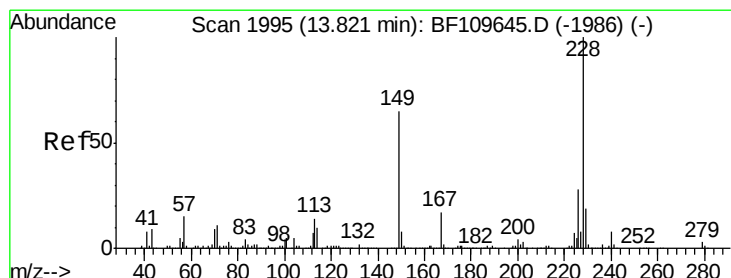
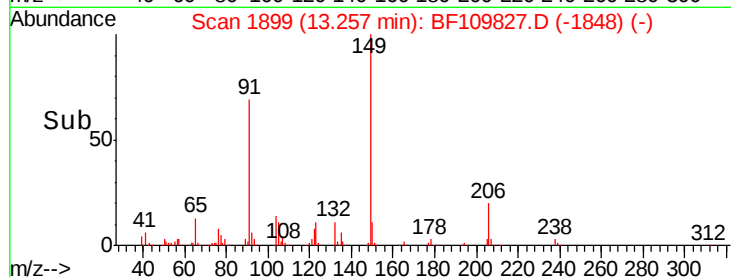
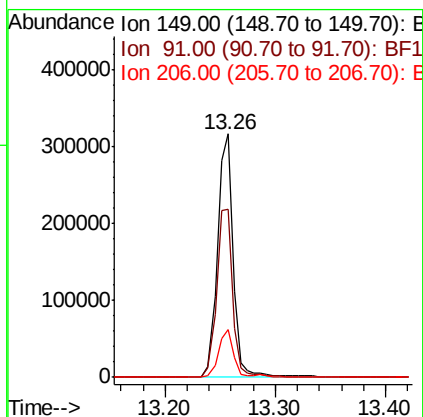
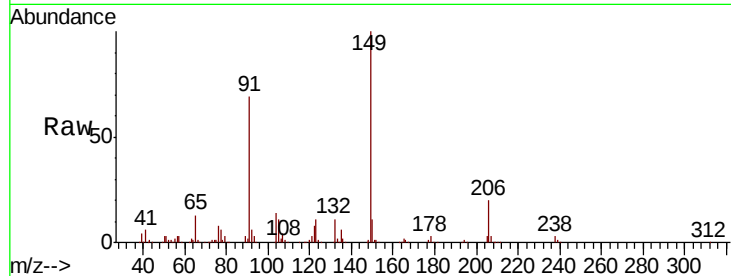
#79
Butylbenzylphthalate
Concen: 42.959 ng
RT: 13.26 min Scan# 1899
Delta R.T. 0.00 min
Lab File: BF109827.D
Acq: 12 Oct 2018 12:18

Instrument :
BNA_F
ClientSampleId :
PB113657BS

Tot Ion	Ratio	Lower	Upper
149	100		
91	68.8	57.2	85.8
206	19.6	15.7	23.5

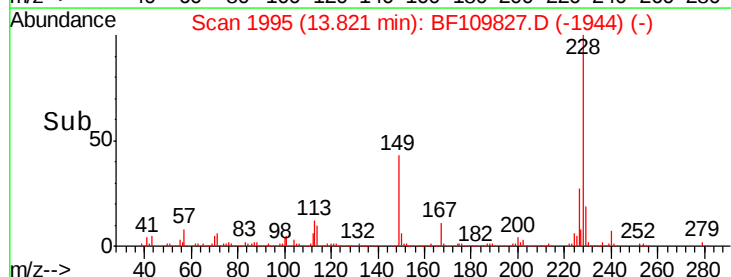
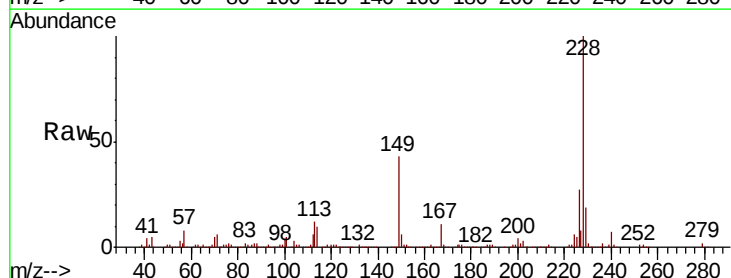
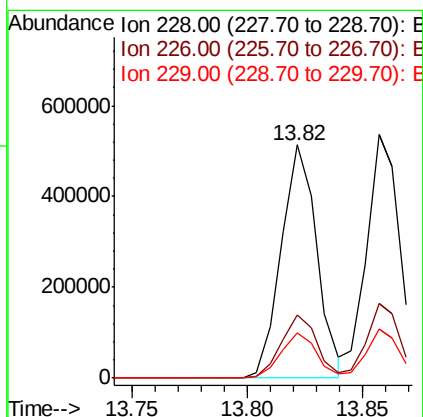
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#80
Benzo(a)anthracene
Concen: 43.167 ng
RT: 13.82 min Scan# 1995
Delta R.T. 0.00 min
Lab File: BF109827.D
Acq: 12 Oct 2018 12:18

Tgt Ion	Ratio	Lower	Upper
228	100		
226	27.3	22.1	33.1
229	19.4	15.6	23.4





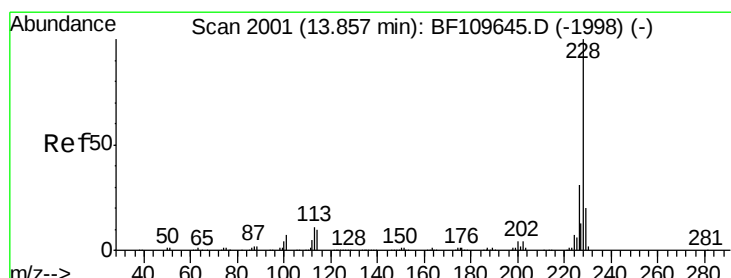
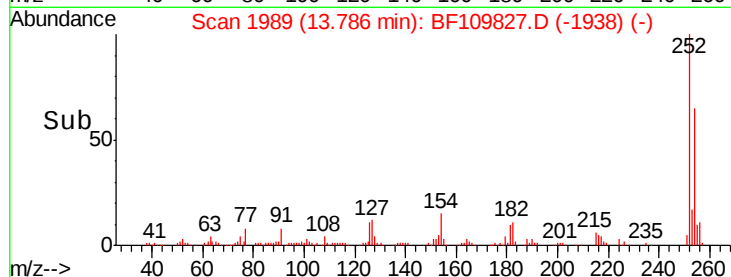
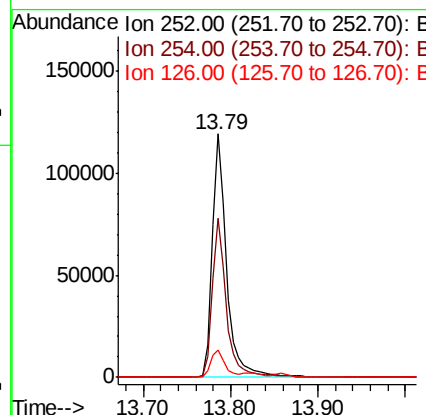
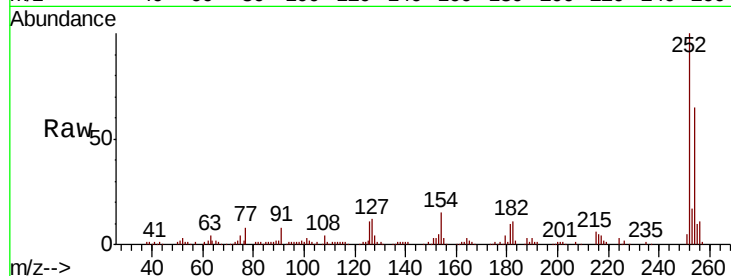
#81
 3,3'-Dichlorobenzidine
 Concen: 26.853 ng
 RT: 13.79 min Scan# 1989
 Delta R.T. 0.00 min
 Lab File: BF109827.D
 Acq: 12 Oct 2018 12:18

Instrument :
 BNA_F
 ClientSampleId :
 PB113657BS

Tot Ion	Ratio	Resp	Lower	Upper
252	100	137208		
254	65.5	51.3	76.9	
126	11.4	9.4	14.2	

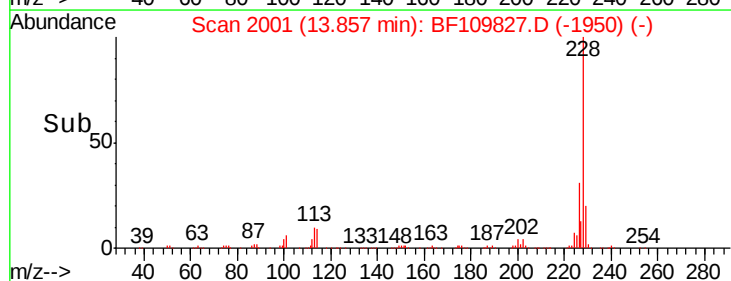
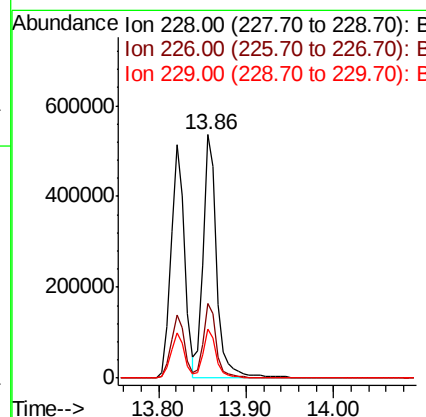
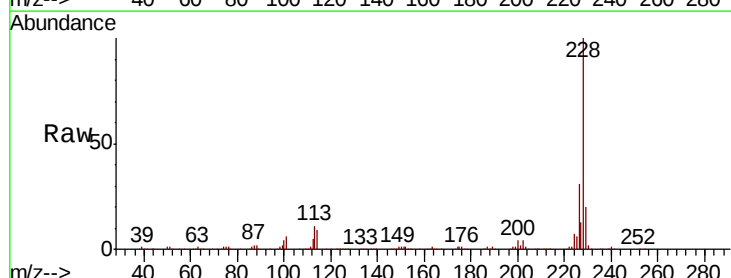
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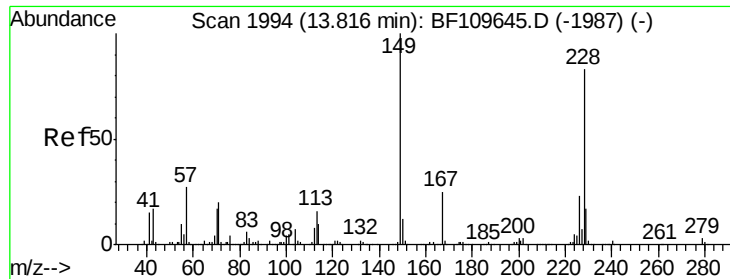
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#82
 Chrysene
 Concen: 43.520 ng
 RT: 13.86 min Scan# 2001
 Delta R.T. 0.00 min
 Lab File: BF109827.D
 Acq: 12 Oct 2018 12:18

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	580073		
226	30.5	24.7	37.1	
229	20.3	15.9	23.9	





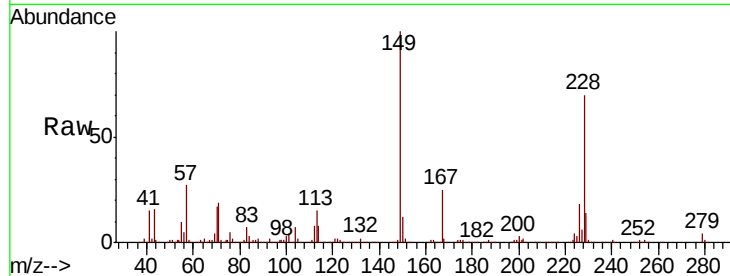
#83
Bis(2-ethylhexyl)phthalate
Concen: 42.367 ng
RT: 13.82 min Scan# 1994
Delta R.T. 0.00 min
Lab File: BF109827.D
Acq: 12 Oct 2018 12:18

Instrument :
BNA_F
ClientSampleId :
PB113657BS

Tot Ion	Ratio	Lower	Upper
149	100		
167	25.2	19.8	29.8
279	3.5	2.7	4.1

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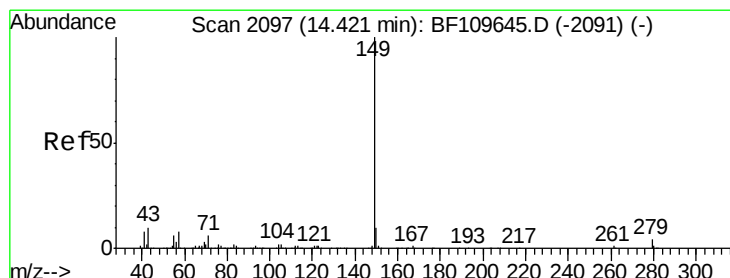
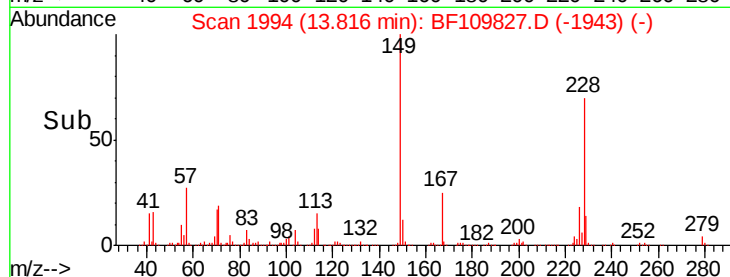
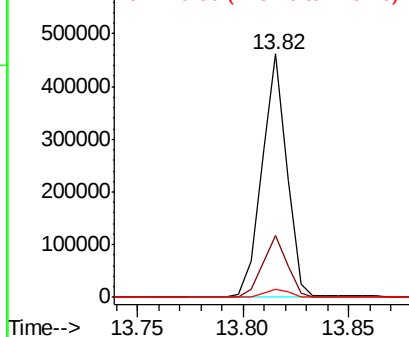


Abundance

Ion 149.00 (148.70 to 149.70): E

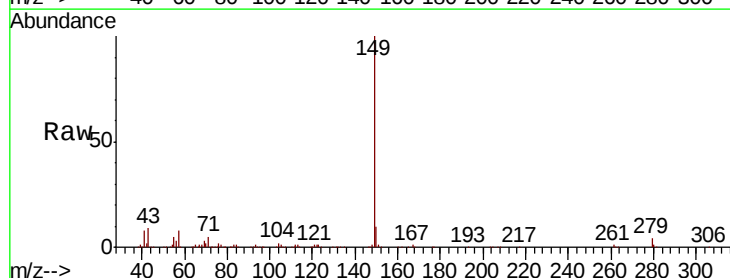
Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#84
Di-n-octyl phthalate
Concen: 42.813 ng
RT: 14.42 min Scan# 2097
Delta R.T. 0.00 min
Lab File: BF109827.D
Acq: 12 Oct 2018 12:18

Tgt Ion	Ratio	Lower	Upper
149	100		
167	1.4	1.1	1.7
43	9.7	7.8	11.8

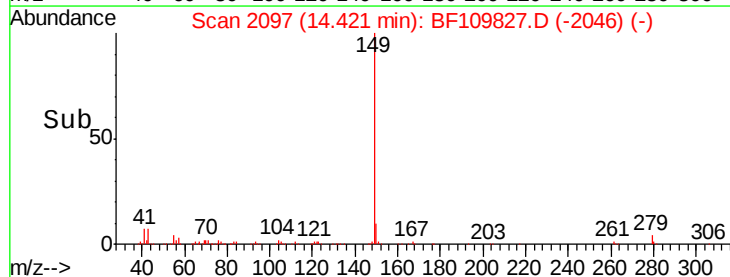
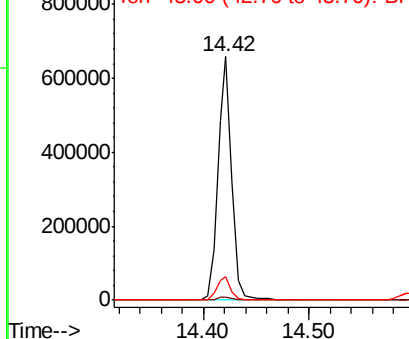


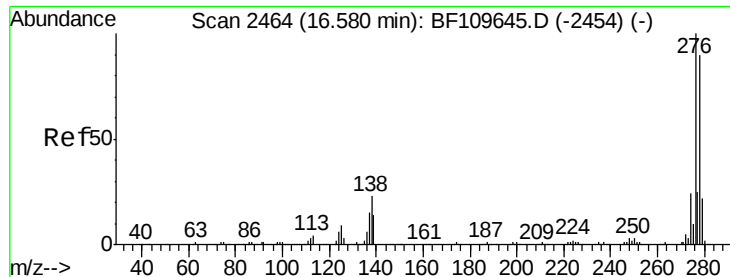
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF1





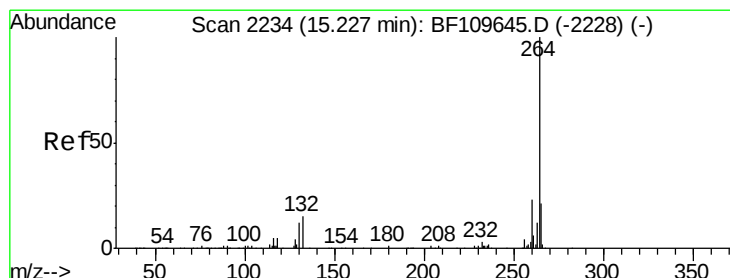
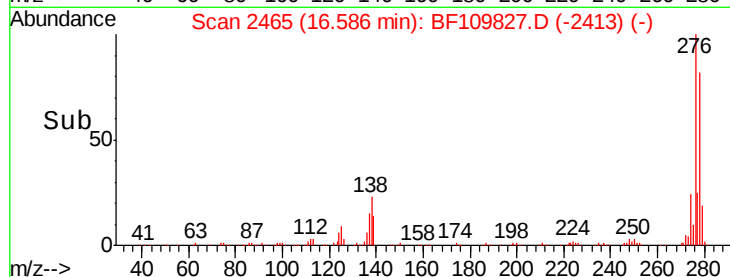
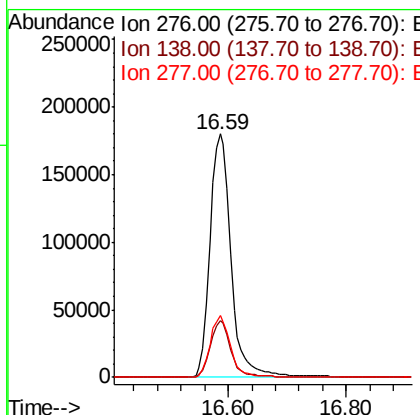
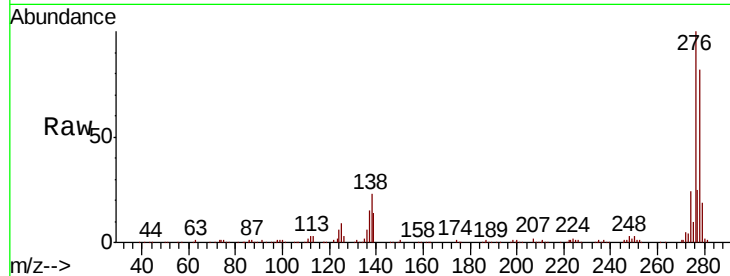
#85
Indeno(1,2,3-cd)pyrene
Concen: 46.988 ng
RT: 16.59 min Scan# 2465
Delta R.T. 0.01 min
Lab File: BF109827.D
Acq: 12 Oct 2018 12:18

Instrument :
BNA_F
ClientSampleId :
PB113657BS

Tot Ion	Ratio	Lower	Upper
276	100		
138	22.9	18.5	27.7
277	24.5	20.0	30.0

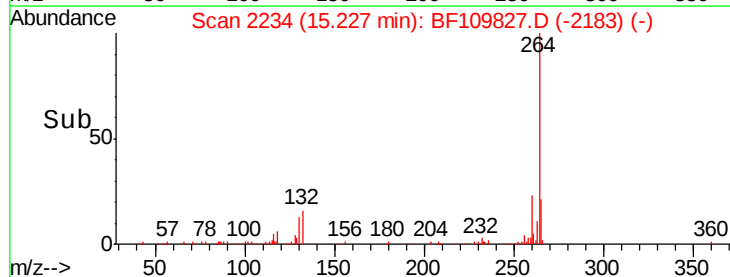
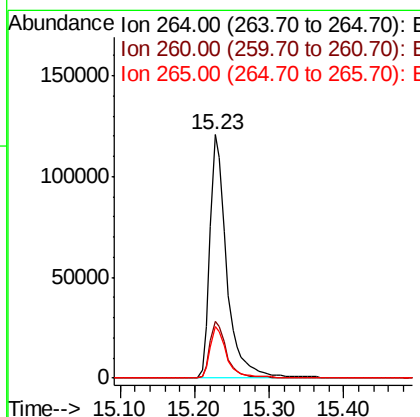
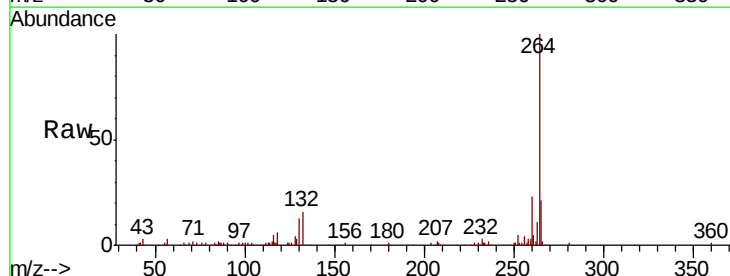
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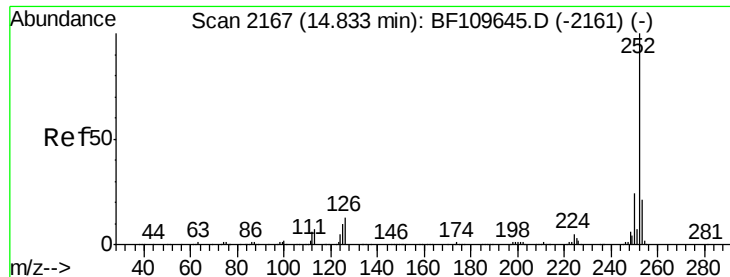
Sohil
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#86
Perylene-d12
Concen: 20.000 ng
RT: 15.23 min Scan# 2234
Delta R.T. 0.00 min
Lab File: BF109827.D
Acq: 12 Oct 2018 12:18

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.2	18.7	28.1
265	21.3	16.7	25.1





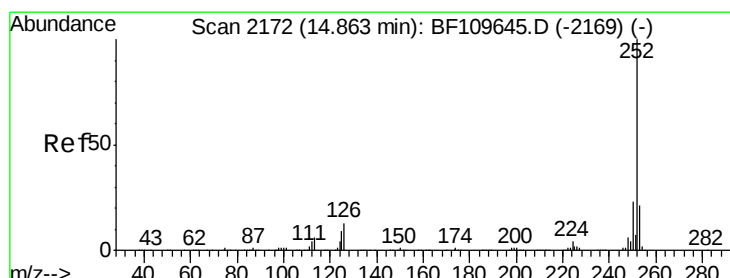
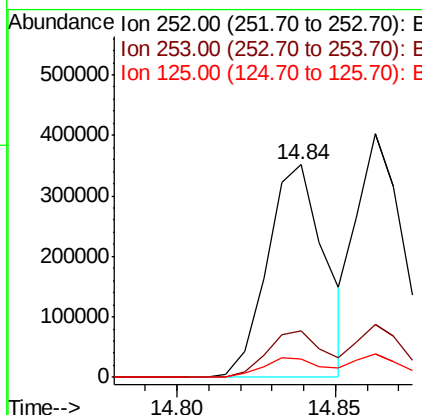
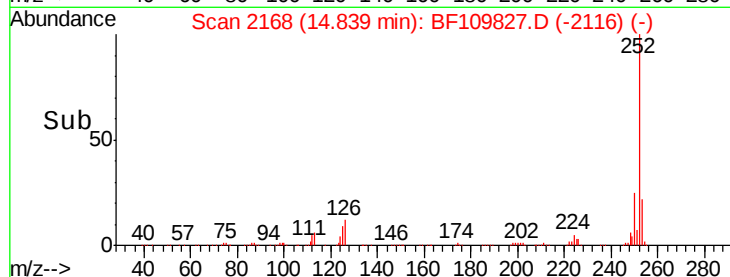
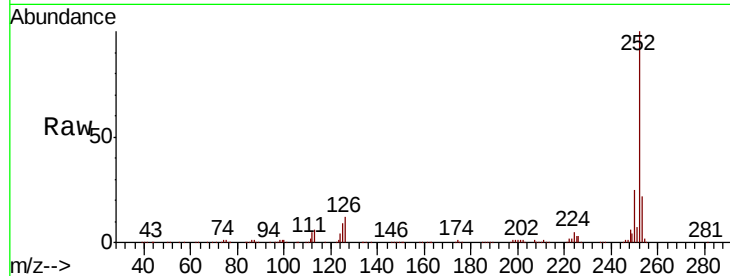
#87
Benzo(b)fluoranthene
Concen: 42.435 ng
RT: 14.84 min Scan# 2168
Delta R.T. 0.01 min
Lab File: BF109827.D
Acq: 12 Oct 2018 12:18

Instrument :
BNA_F
ClientSampleId :
PB113657BS

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.1	17.2	25.8
125	8.7	8.2	12.4

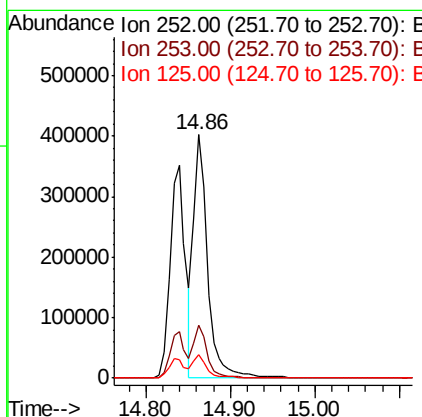
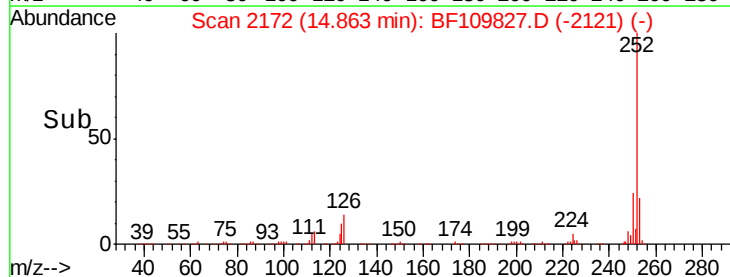
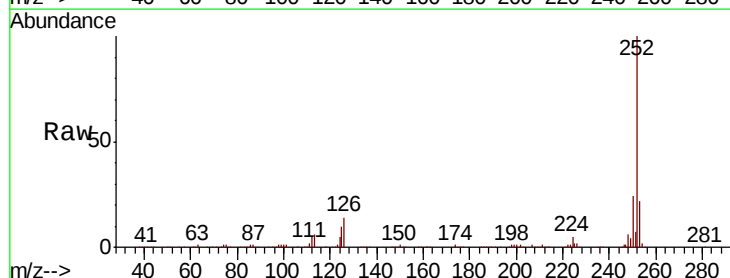
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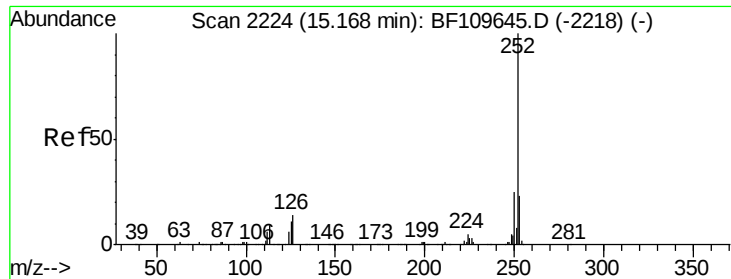
Sohil
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#88
Benzo(k)fluoranthene
Concen: 43.556 ng
RT: 14.86 min Scan# 2172
Delta R.T. 0.00 min
Lab File: BF109827.D
Acq: 12 Oct 2018 12:18

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.8	17.2	25.8
125	9.6	7.4	11.0





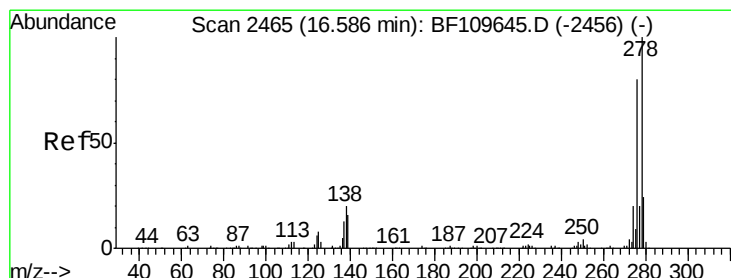
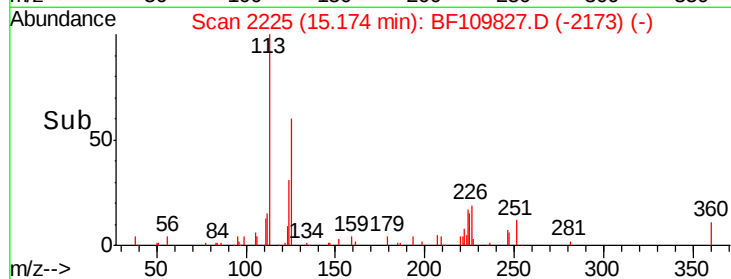
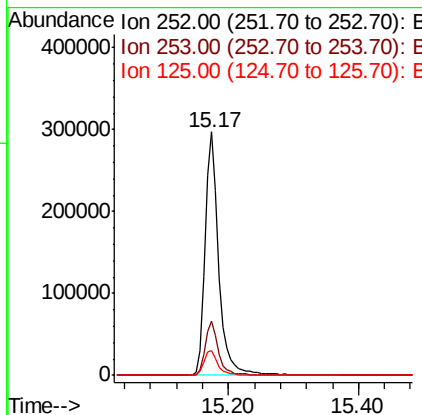
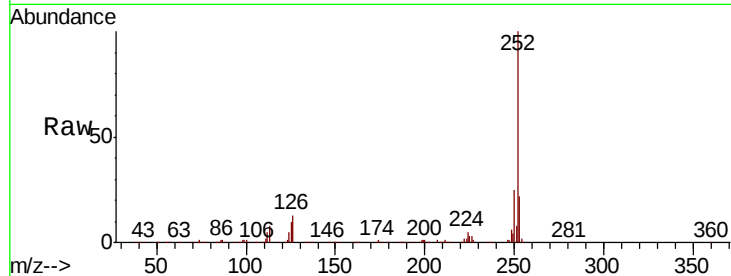
#89
Benzo(a)pyrene
Concen: 45.198 ng
RT: 15.17 min Scan# 2225
Delta R.T. 0.01 min
Lab File: BF109827.D
Acq: 12 Oct 2018 12:18

Instrument :
BNA_F
ClientSampleId :
PB113657BS

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.3	18.2	27.4
125	10.2	9.0	13.6

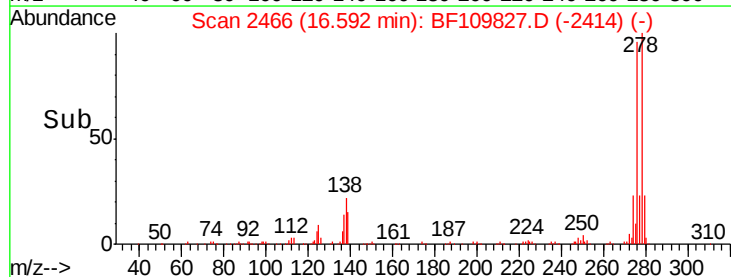
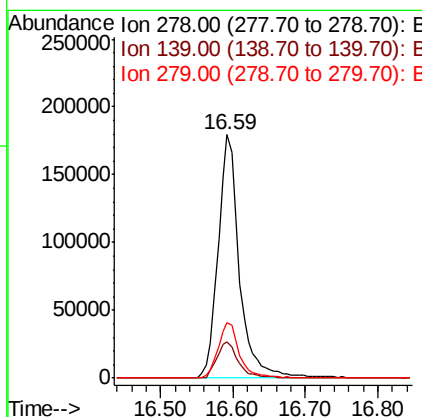
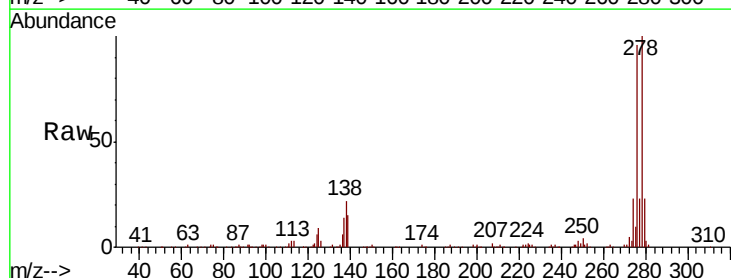
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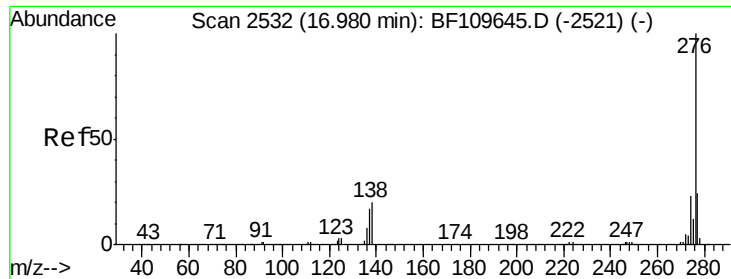
Sohil
10/15/2018 10:28:17 AM



#90
Dibenzo(a,h)anthracene
Concen: 47.090 ng
RT: 16.59 min Scan# 2466
Delta R.T. 0.01 min
Lab File: BF109827.D
Acq: 12 Oct 2018 12:18

Tgt Ion	Ratio	Lower	Upper
278	100		
139	14.8	12.7	19.1
279	22.9	19.0	28.4





#91
 Benzo(a,h,i)perylene
 Concen: 48.572 ng
 RT: 16.99 min Scan# 2533
 Delta R.T. 0.01 min
 Lab File: BF109827.D
 Acq: 12 Oct 2018 12:18

Instrument :
 BNA_F
 ClientSampleId :
 PB113657BS

Tot Ion:	276	Resp:	378850
Ion Ratio		Lower	Upper
276	100		
277	23.7	18.8	28.2
138	19.7	16.0	24.0

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 10/15/2018 10:28:17 AM

