

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF101218\
 Data File : BF109871.D
 Acq On : 13 Oct 2018 8:42
 Operator : JU/SJ
 Sample : PB113699BS
 Misc :
 ALS Vial : 45 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB113699BS

Manual Integrations
 APPROVED

Sohil
 10/15/2018 10:28:52 AM

Quant Time: Oct 15 08:02:57 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	104181	20.00	ng	0.00
21) Naphthalene-d8	7.97	136	392213	20.00	ng	0.00
38) Acenaphthene-d10	9.72	164	169754	20.00	ng	0.00
63) Phenanthrene-d10	11.20	188	264334	20.00	ng	0.00
75) Chrysene-d12	13.83	240	190437	20.00	ng	0.00
86) Perylene-d12	15.23	264	156869	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.33	112	579350	98.71	ng	0.00
7) Phenol-d6	6.35	99	743684	94.85	ng	0.00
23) Nitrobenzene-d5	7.26	82	729154	102.48	ng	0.00
41) 2,4,6-Tribromophenol	10.52	330	161484	87.31	ng	0.00
44) 2-Fluorobiphenyl	9.05	172	1241917	100.76	ng	0.00
78) Terphenyl-d14	12.78	244	880154	89.47	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	2.48	88	99713	32.371	ng	99
3) Pyridine	3.18	79	247777	38.989	ng	99
4) n-Nitrosodimethylamine	3.14	42	122444	53.380	ng	97
6) Aniline	6.36	93	241843	26.478	ng	# 24
8) 2-Chlorophenol	6.49	128	338038	46.830	ng	97
9) Benzaldehyde	6.24	77	140400	27.827	ng	98
10) Phenol	6.36	94	384327	42.747	ng	80
11) bis(2-Chloroethyl)ether	6.43	93	284445	38.161	ng	99
12) 1,3-Dichlorobenzene	6.63	146	356227	43.148	ng	99
13) 1,4-Dichlorobenzene	6.71	146	387391	43.046	ng	98
14) 1,2-Dichlorobenzene	6.87	146	336757	42.608	ng	98
15) Benzyl Alcohol	6.85	79	264363	45.480	ng	99
16) 2,2'-oxybis(1-Chloropropan	6.97	45	424511	42.951	ng	93
17) 2-Methylphenol	6.97	107	256416	44.920	ng	98
18) Hexachloroethane	7.20	117	131701	41.402	ng	98
19) n-Nitroso-di-n-propylamine	7.12	70	238997	43.466	ng	99
20) 3+4-Methylphenols	7.12	107	311831	44.333	ng	93
22) Acetophenone	7.11	105	482247	50.846	ng	# 99
24) Nitrobenzene	7.28	77	343621	46.412	ng	97
25) Isophorone	7.52	82	645811	54.659	ng	98
26) 2-Nitrophenol	7.60	139	162689	46.978	ng	98
27) 2,4-Dimethylphenol	7.65	122	277380	55.466	ng	100
28) bis(2-Chloroethoxy)methane	7.73	93	400973	50.173	ng	99
29) 2,4-Dichlorophenol	7.85	162	268091	47.794	ng	99
30) 1,2,4-Trichlorobenzene	7.92	180	289610	46.639	ng	98
31) Naphthalene	8.00	128	948293	52.280	ng	99
32) Benzoic acid	7.81	122	136561	38.194	ng	96
33) 4-Chloroaniline	8.06	127	86277	10.801	ng	95
34) Hexachlorobutadiene	8.12	225	179765	46.560	ng	99
35) Caprolactam	8.44	113	79657m	47.551	ng	
36) 4-Chloro-3-methylphenol	8.55	107	287009	48.472	ng	98
37) 2-Methylnaphthalene	8.69	142	599252	50.435	ng	99
39) 1,2,4,5-Tetrachlorobenzene	8.86	216	280833	48.600	ng	100
40) Hexachlorocyclopentadiene	8.84	237	77761	35.169	ng	99

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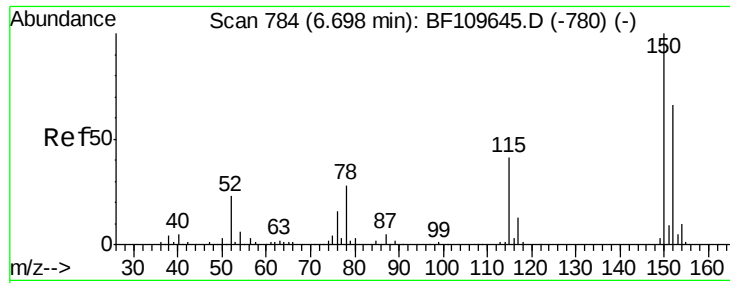
Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	8.97	196	169230	48.990	nq	99
43) 2,4,5-Trichlorophenol	9.02	196	192515	48.471	nq	98
45) 1,1'-Biphenyl	9.15	154	724781	47.793	nq	99
46) 2-Chloronaphthalene	9.17	162	546773	48.125	nq	99
47) 2-Nitroaniline	9.28	65	171627	49.889	nq	97
48) Acenaphthylene	9.59	152	827355	49.951	nq	99
49) Dimethylphthalate	9.46	163	658745	52.912	nq	99
50) 2,6-Dinitrotoluene	9.52	165	137136	50.815	nq	95
51) Acenaphthene	9.76	154	464239	47.280	nq	99
52) 3-Nitroaniline	9.69	138	78113	25.821	nq	98
53) 2,4-Dinitrophenol	9.80	184	36757	42.215	nq #	87
54) Dibenzofuran	9.93	168	686240	46.625	nq	99
55) 4-Nitrophenol	9.87	139	126755	76.549	nq	93
56) 2,4-Dinitrotoluene	9.93	165	156533	46.478	nq #	89
57) Fluorene	10.27	166	531577	48.363	nq	99
58) 2,3,4,6-Tetrachlorophenol	10.06	232	158570	49.114	nq	93
59) Diethylphthalate	10.15	149	624769	50.648	nq	99
60) 4-Chlorophenyl-phenylether	10.26	204	265814	45.841	nq	98
61) 4-Nitroaniline	10.30	138	106399	37.978	nq	96
62) Azobenzene	10.42	77	597221	47.677	nq	98
64) 4,6-Dinitro-2-methylphenol	10.34	198	34944	27.160	nq	95
65) n-Nitrosodiphenylamine	10.39	169	502277	56.052	nq	99
66) 4-Bromophenyl-phenylether	10.75	248	157616	51.895	nq	95
67) Hexachlorobenzene	10.82	284	156345	47.537	nq #	93
68) Atrazine	10.92	200	155302	55.533	nq	98
69) Pentachlorophenol	11.02	266	144882	78.287	nq	97
70) Phenanthrene	11.23	178	680917	51.474	nq	100
71) Anthracene	11.28	178	742968	54.333	nq	99
72) Carbazole	11.44	167	631813	47.639	nq	99
73) Di-n-butylphthalate	11.76	149	838588	54.516	nq	99
74) Fluoranthene	12.41	202	656558	47.510	nq	98
76) Benzidine	12.54	184	349574	49.415	nq	96
77) Pyrene	12.63	202	640182	45.882	nq	99
79) Butylbenzylphthalate	13.25	149	299721	49.547	nq	96
80) Benzo(a)anthracene	13.82	228	543265	51.695	nq	100
81) 3,3'-Dichlorobenzidine	13.79	252	198128	46.822	nq	98
82) Chrysene	13.86	228	579151	52.466	nq	100
83) Bis(2-ethylhexyl)phthalate	13.81	149	389140	52.727	nq	99
84) Di-n-octyl phthalate	14.42	149	691474	59.275	nq	99
85) Indeno(1,2,3-cd)pyrene	16.58	276	391058	49.495	nq	99
87) Benzo(b)fluoranthene	14.83	252	487231	56.205	nq	99
88) Benzo(k)fluoranthene	14.86	252	465517	53.446	nq	99
89) Benzo(a)pyrene	15.17	252	427997	54.406	nq	97
90) Dibenzo(a,h)anthracene	16.59	278	327756	50.730	nq	98
91) Benzo(g,h,i)perylene	16.98	276	317617	49.230	nq	99

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



#1

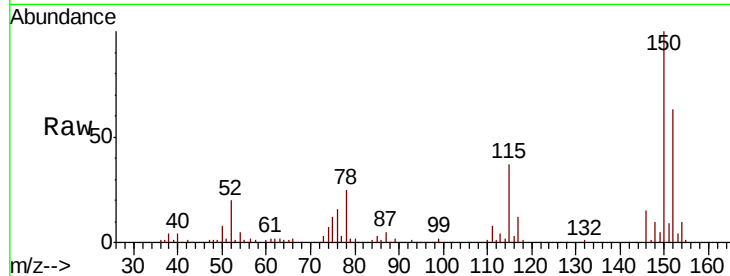
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.70 min Scan# 784
Delta R.T. 0.00 min
Lab File: BF109871.D
Acq: 13 Oct 2018 8:42

Instrument :
BNA_F
ClientSampleId :
PB113699BS

Tot Ion	Ratio	Lower	Upper
152	100		
150	157.6	122.7	184.1
115	58.4	49.1	73.7

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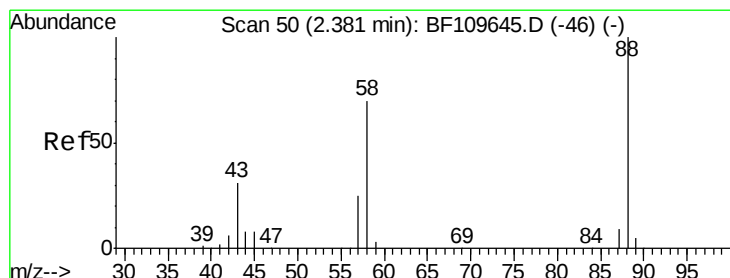
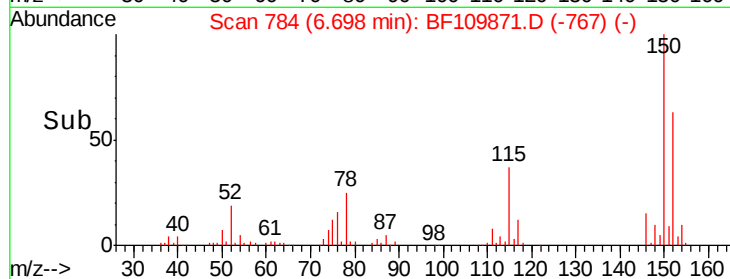
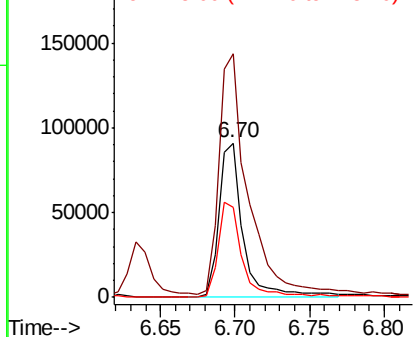


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

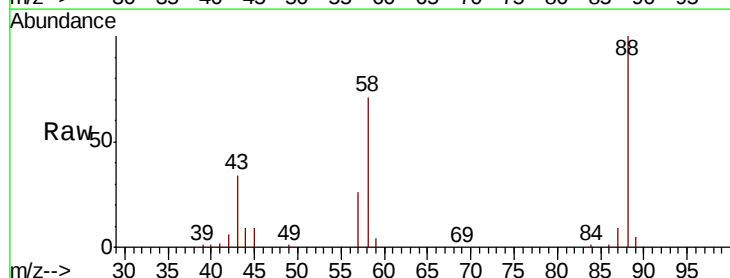
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 32.371 ng
RT: 2.48 min Scan# 67
Delta R.T. 0.10 min
Lab File: BF109871.D
Acq: 13 Oct 2018 8:42

Tgt Ion	Ratio	Lower	Upper
88	100		
58	70.3	57.1	85.7
43	30.0	24.1	36.1

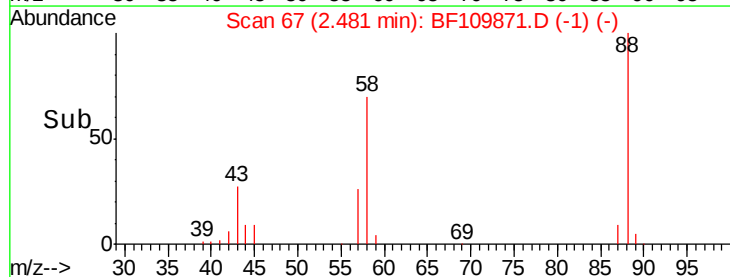
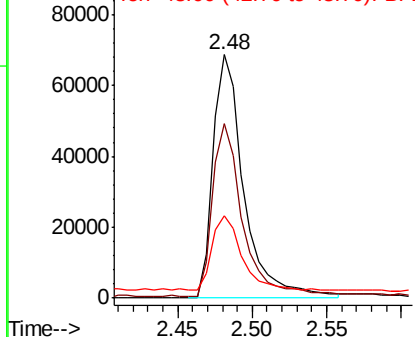


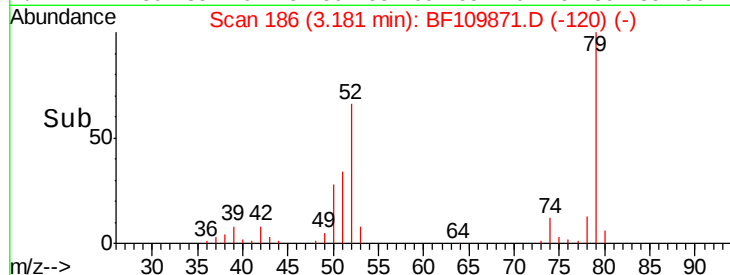
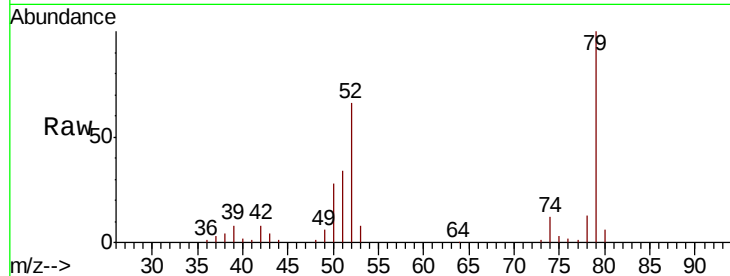
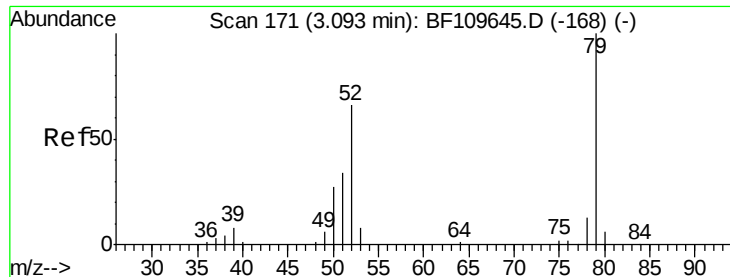
Abundance

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





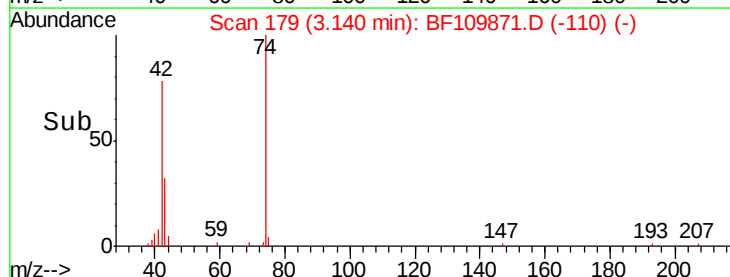
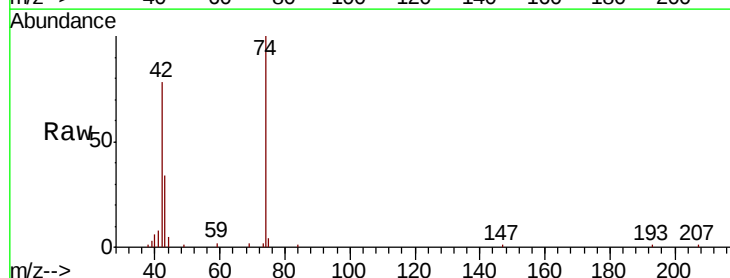
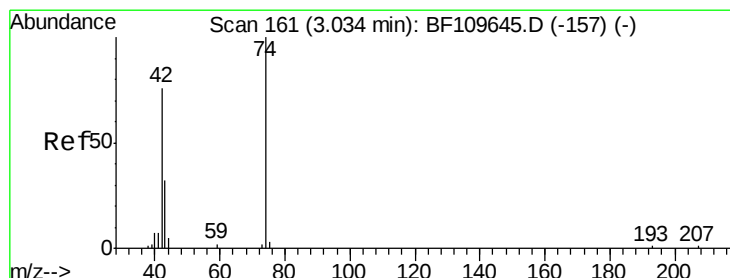
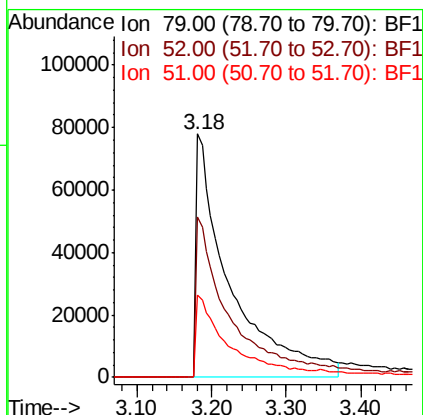
#3
Pvridine
Concen: 38.989 ng
RT: 3.18 min Scan# 186
Delta R.T. 0.09 min
Lab File: BF109871.D
Acq: 13 Oct 2018 8:42

Tot Ion	Ratio	Lower	Upper
79	100		
52	65.9	53.1	79.7
51	34.0	27.4	41.2

Instrument :
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ClientSampleId :
PB113699BS

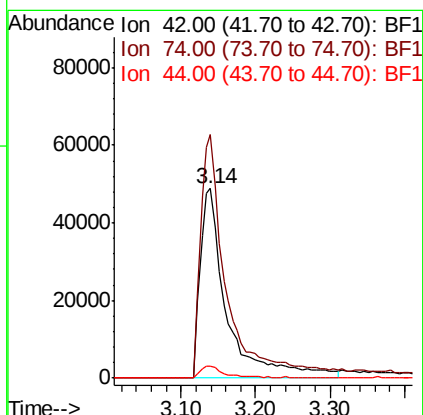
Manual Integrations
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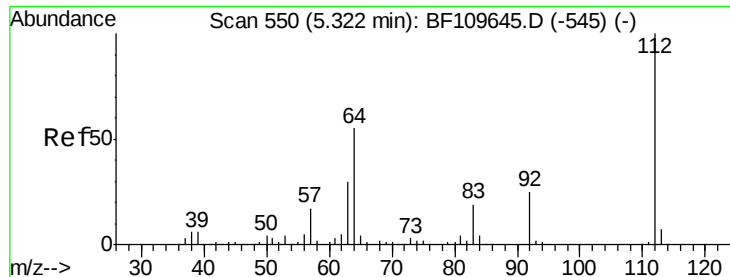
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#4
n-Nitrosodimethylamine
Concen: 53.380 ng
RT: 3.14 min Scan# 179
Delta R.T. 0.11 min
Lab File: BF109871.D
Acq: 13 Oct 2018 8:42

Tgt Ion	Ratio	Lower	Upper
42	100		
74	128.5	105.5	158.3
44	6.2	4.9	7.3





#5

2-Fluorophenol

Concen: 98.709 ng

RT: 5.33 min Scan# 551

Delta R.T. 0.01 min

Lab File: BF109871.D

Acq: 13 Oct 2018 8:42

Instrument :

BNA_F

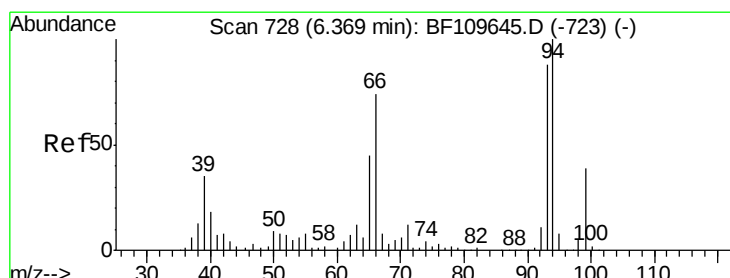
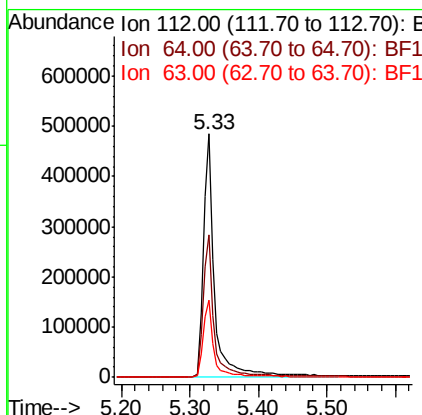
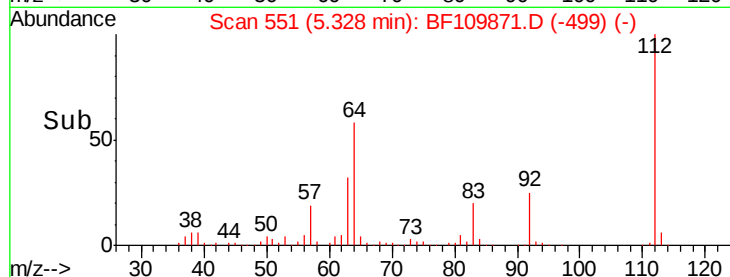
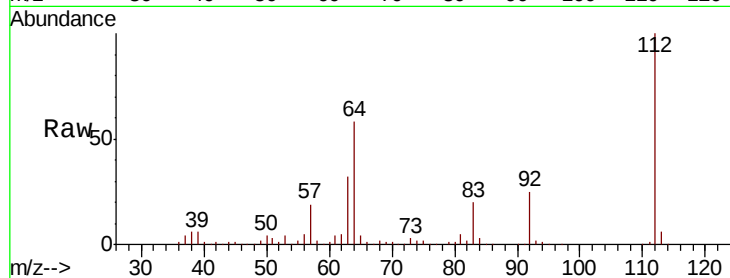
ClientSampleId :

PB113699BS

Tot Ion:	112	Resp:	579350
Ion Ratio	Lower	Upper	
112	100		
64	58.4	44.1	66.1
63	31.8	23.7	35.5

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#6

Aniline

Concen: 26.478 ng

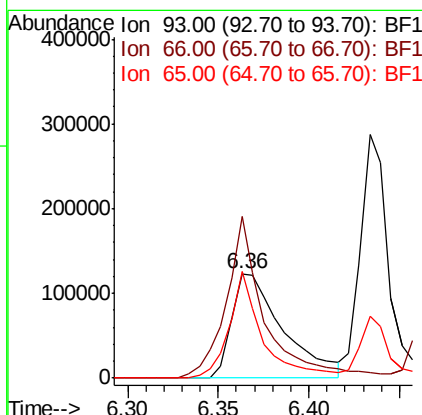
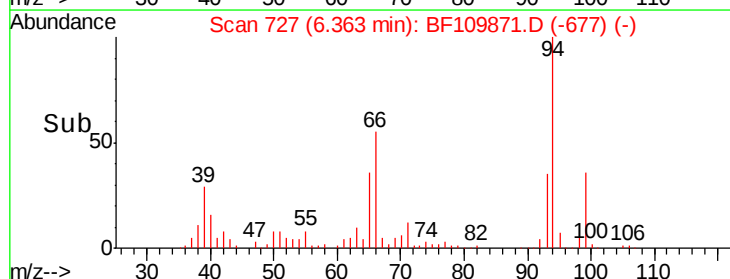
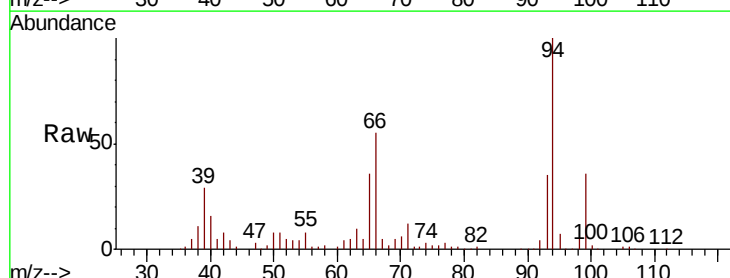
RT: 6.36 min Scan# 727

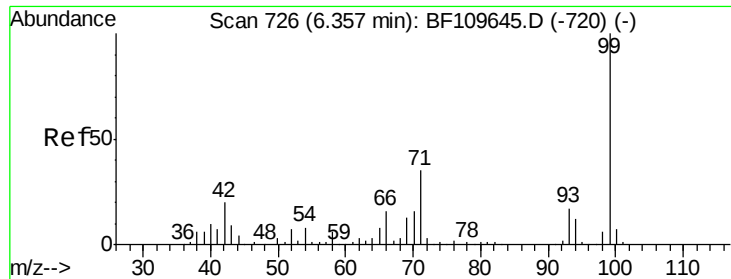
Delta R.T. -0.01 min

Lab File: BF109871.D

Acq: 13 Oct 2018 8:42

Tgt Ion:	93	Resp:	241843
Ion Ratio	Lower	Upper	
93	100		
66	154.9	67.4	101.0#
65	102.4	41.0	61.4#





#7

Phenol-d6

Concen: 94.850 ng

RT: 6.35 min Scan# 725

Delta R.T. -0.01 min

Lab File: BF109871.D

Acq: 13 Oct 2018 8:42

Instrument :

BNA_F

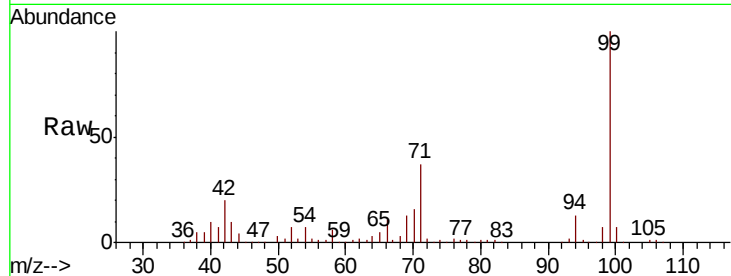
ClientSampleId :

PB113699BS

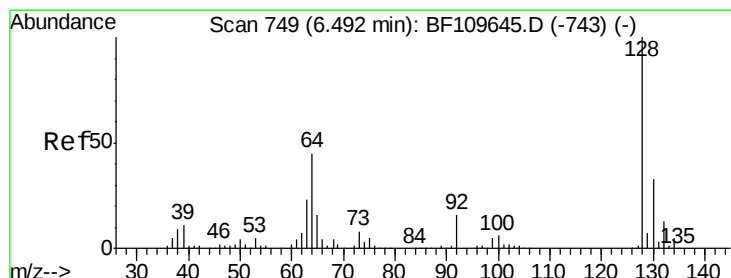
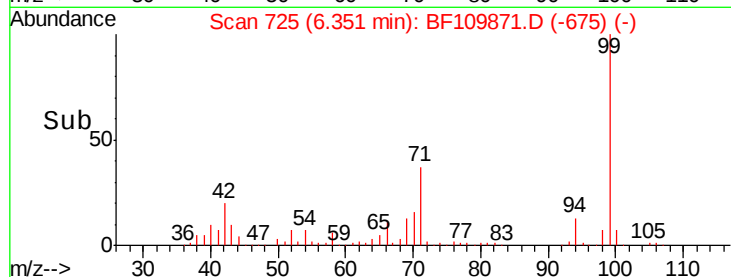
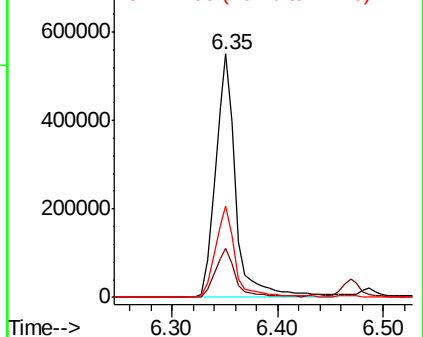
Tot Ion:	99	Resp:	743684
Ion Ratio	Lower	Upper	
99	100		
42	20.1	15.8	23.6
71	37.4	28.0	42.0

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



#8

2-Chlorophenol

Concen: 46.830 ng

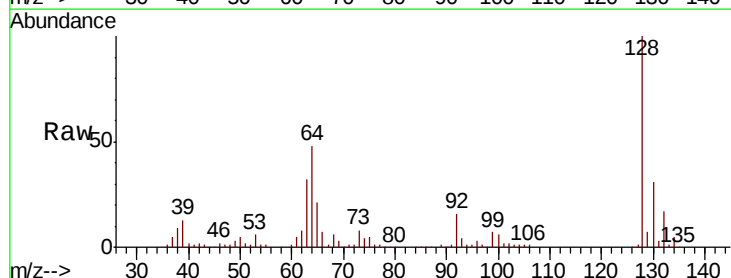
RT: 6.49 min Scan# 748

Delta R.T. -0.01 min

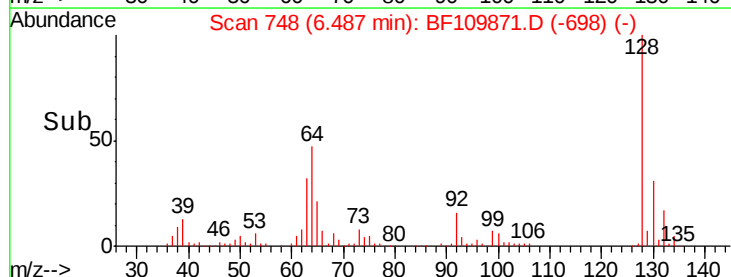
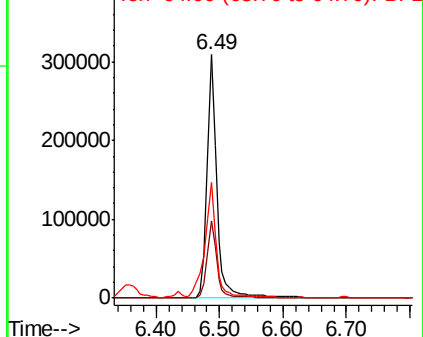
Lab File: BF109871.D

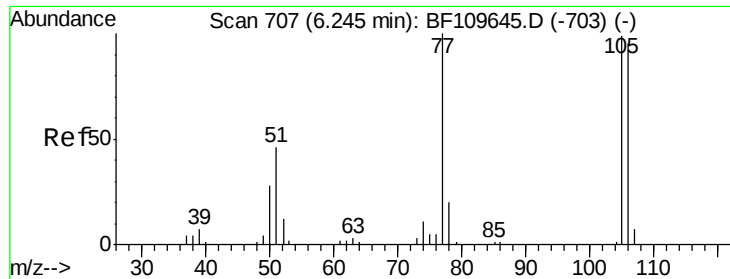
Acq: 13 Oct 2018 8:42

Tgt Ion:	128	Resp:	338038
Ion Ratio	Lower	Upper	
128	100		
130	31.5	13.1	53.1
64	47.6	26.0	66.0



Abundance Ion 128.00 (127.70 to 128.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 64.00 (63.70 to 64.70): BF1





#9

Benzaldehyde

Concen: 27.827 ng

RT: 6.24 min Scan# 706

Delta R.T. -0.01 min

Lab File: BF109871.D

Acq: 13 Oct 2018 8:42

Instrument :

BNA_F

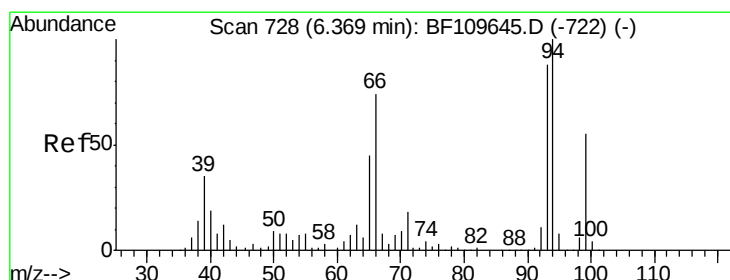
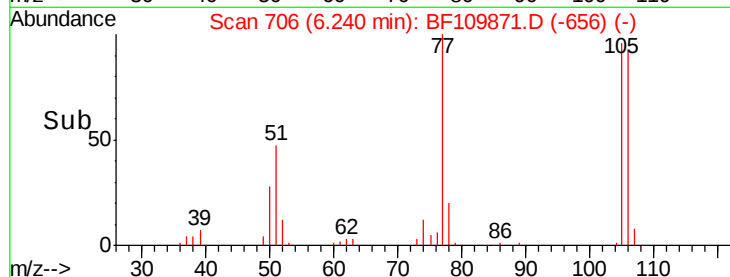
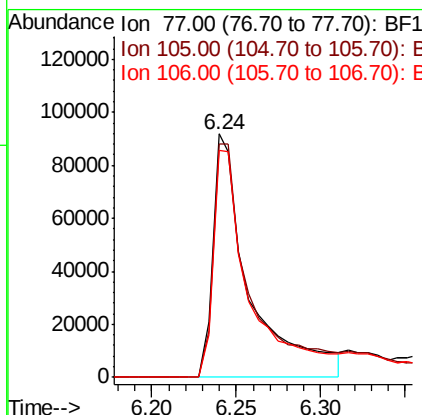
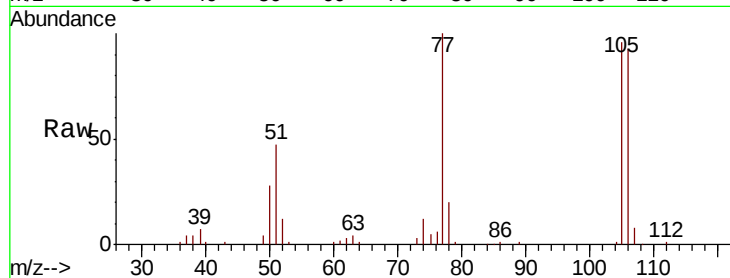
ClientSampleId :

PB113699BS

Tot Ion:	77	Resp:	140400
Ion	Ratio	Lower	Upper
77	100		
105	95.9	78.6	118.6
106	93.3	74.8	114.8

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#10

Phenol

Concen: 42.747 ng

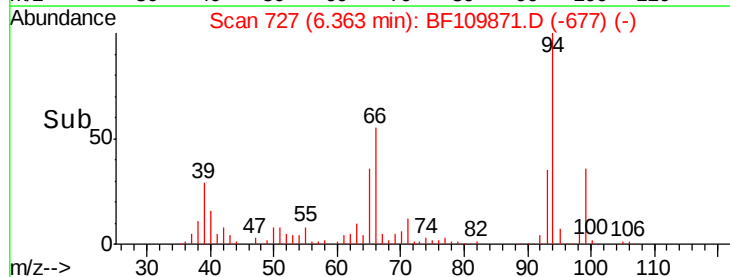
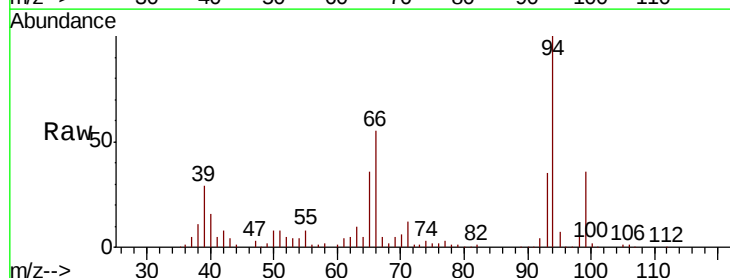
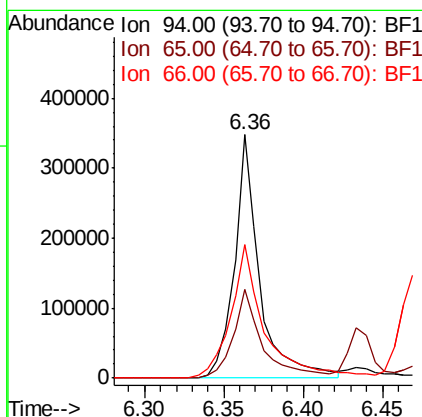
RT: 6.36 min Scan# 727

Delta R.T. -0.01 min

Lab File: BF109871.D

Acq: 13 Oct 2018 8:42

Tgt Ion:	94	Resp:	384327
Ion	Ratio	Lower	Upper
94	100		
65	36.2	25.3	65.3
66	54.8	54.5	94.5





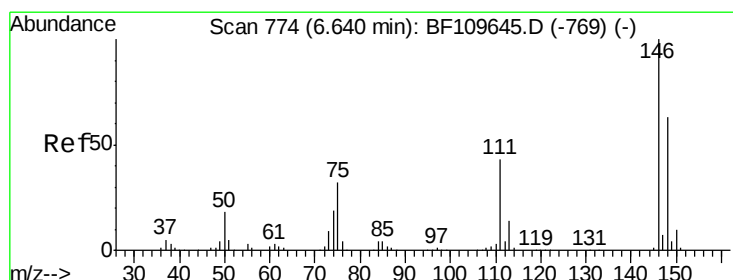
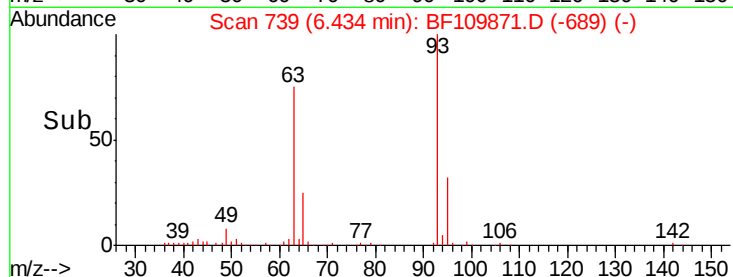
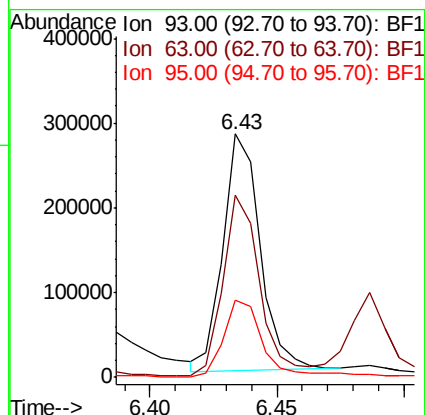
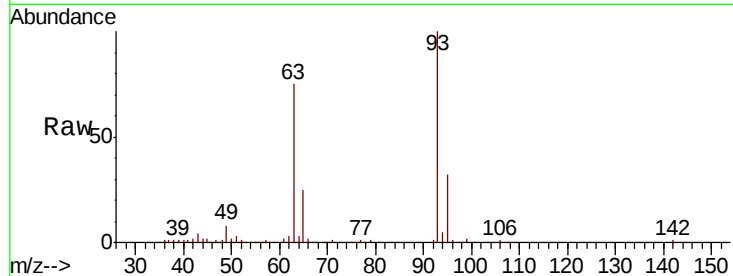
#11
bis(2-Chloroethyl)ether
Concen: 38.161 ng
RT: 6.43 min Scan# 739
Delta R.T. -0.01 min
Lab File: BF109871.D
Acq: 13 Oct 2018 8:42

Instrument :
BNA_F
ClientSampleId :
PB113699BS

Tot Ion:	93	Resp:	284445
Ion Ratio	Lower	Upper	
93	100		
63	75.0	53.4	93.4
95	31.9	12.1	52.1

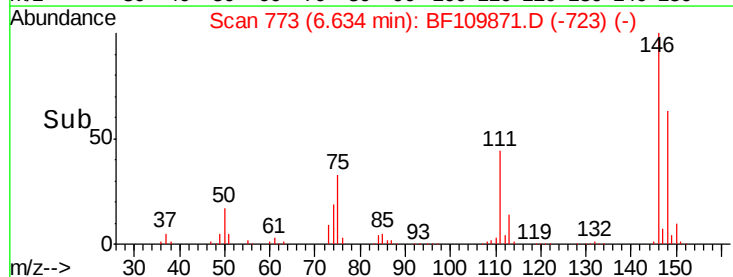
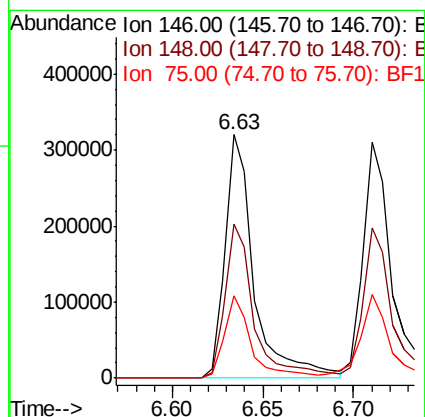
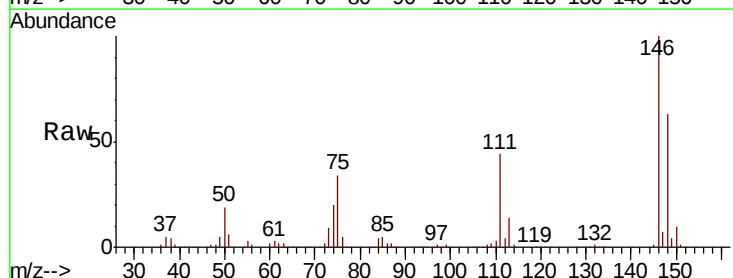
Manual Integrations
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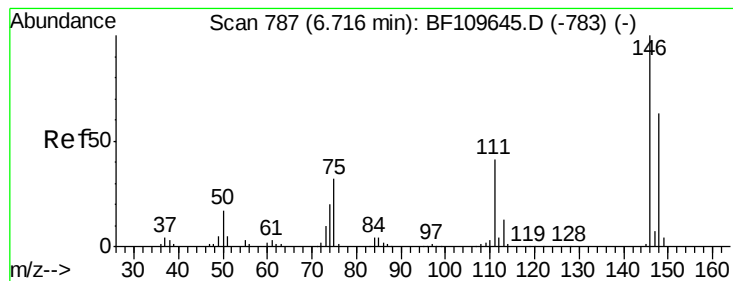
Sohil
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#12
1,3-Dichlorobenzene
Concen: 43.148 ng
RT: 6.63 min Scan# 773
Delta R.T. -0.01 min
Lab File: BF109871.D
Acq: 13 Oct 2018 8:42

Tgt Ion:	146	Resp:	356227
Ion Ratio	Lower	Upper	
146	100		
148	63.4	50.4	75.6
75	33.7	25.8	38.6





#13

1,4-Dichlorobenzene

Concen: 43.046 ng

RT: 6.71 min Scan# 786

Delta R.T. -0.01 min

Lab File: BF109871.D

Acq: 13 Oct 2018 8:42

Instrument :

BNA_F

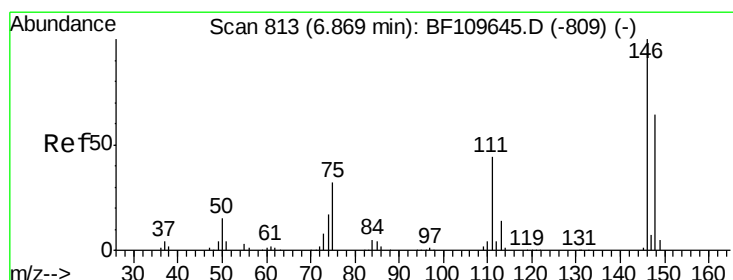
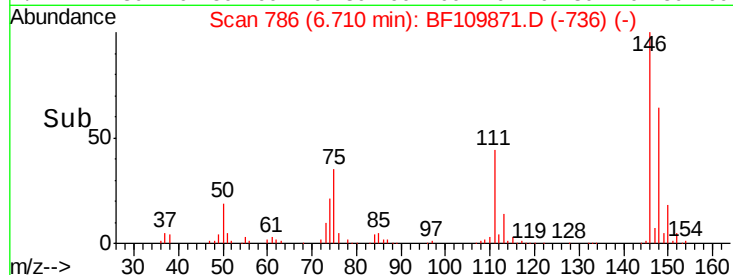
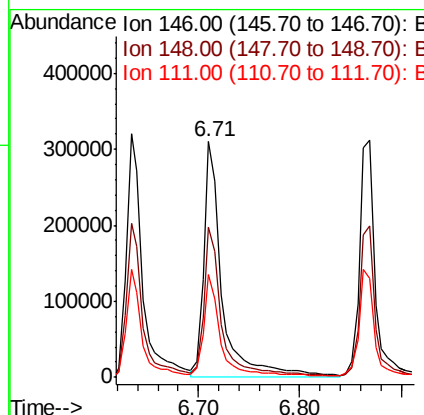
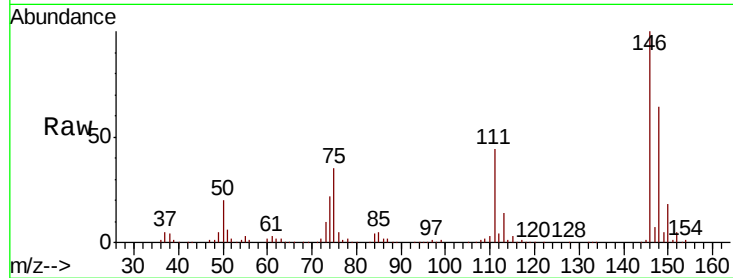
ClientSampleId :

PB113699BS

Tot Ion:	146	Resp:	387391
Ion Ratio	Lower	Upper	
146	100		
148	63.6	50.3	75.5
111	43.8	32.7	49.1

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#14

1,2-Dichlorobenzene

Concen: 42.608 ng

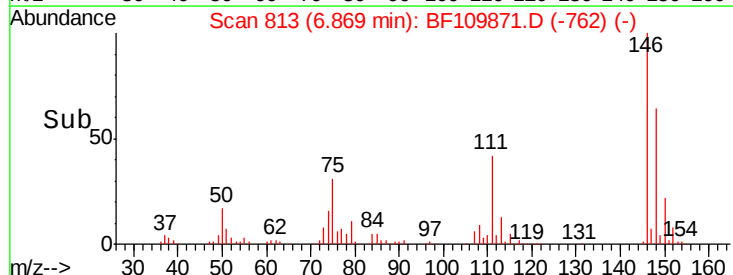
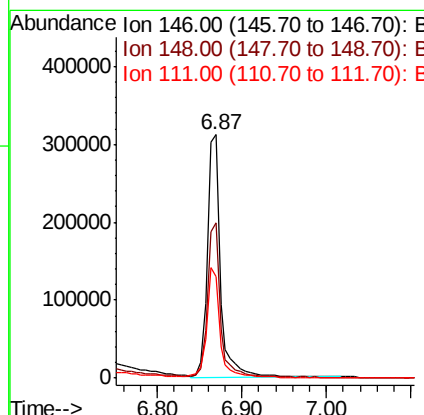
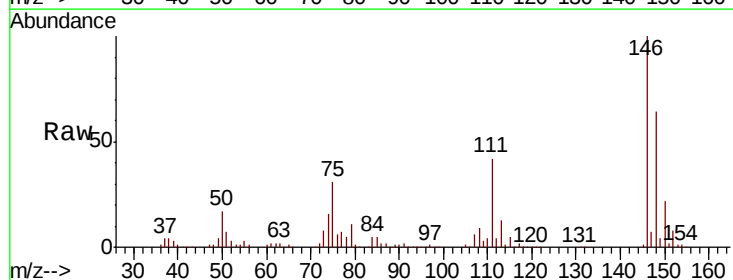
RT: 6.87 min Scan# 813

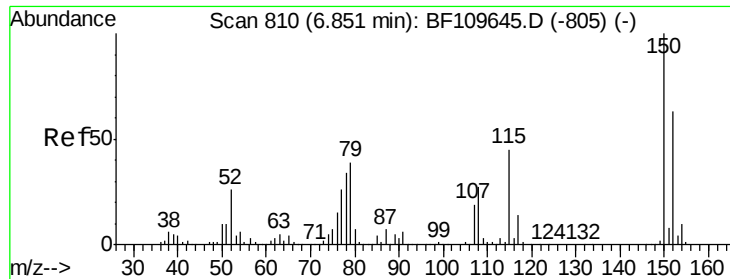
Delta R.T. 0.00 min

Lab File: BF109871.D

Acq: 13 Oct 2018 8:42

Tgt Ion:	146	Resp:	336757
Ion Ratio	Lower	Upper	
146	100		
148	64.0	51.1	76.7
111	41.9	35.8	53.6





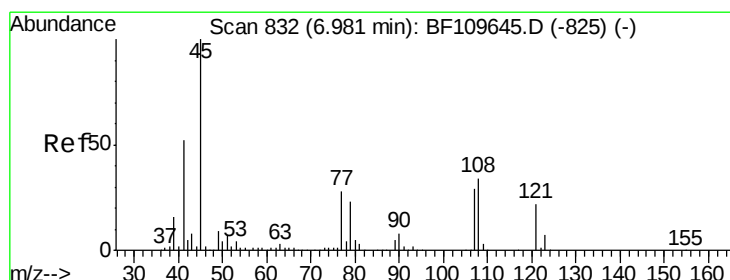
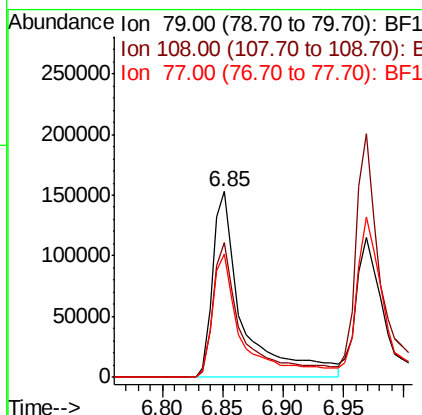
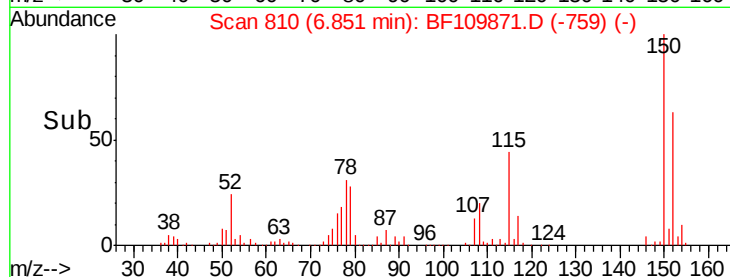
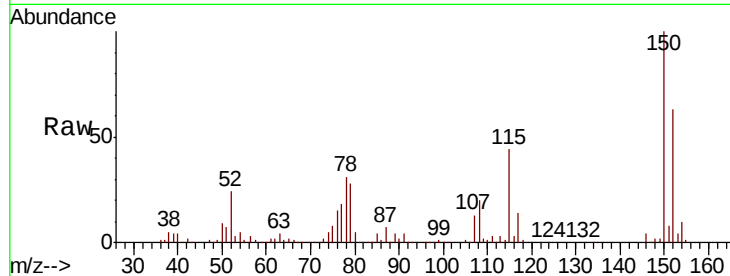
#15
Benzyl Alcohol
Concen: 45.480 ng
RT: 6.85 min Scan# 810
Delta R.T. 0.00 min
Lab File: BF109871.D
Acq: 13 Oct 2018 8:42

Instrument :
BNA_F
ClientSampled :
PB113699BS

Tot Ion	Ratio	Lower	Upper
79	100		
108	72.3	56.3	84.5
77	66.2	52.9	79.3

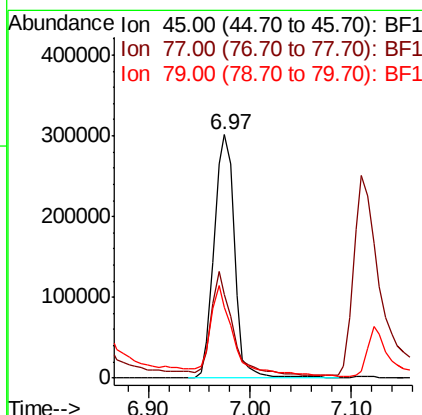
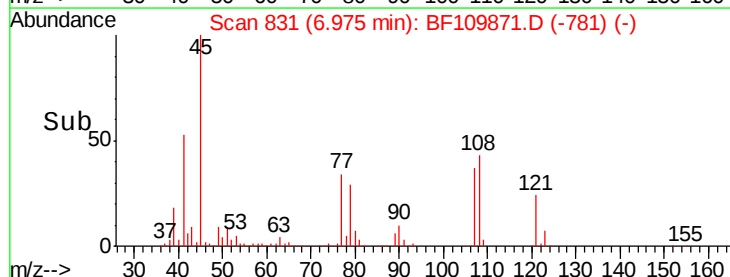
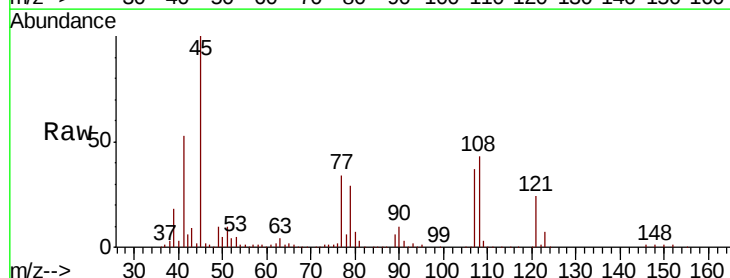
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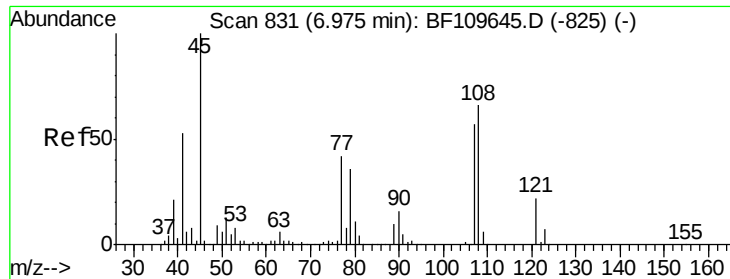
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#16
2,2'-oxybis(1-Chloropropane)
Concen: 42.951 ng
RT: 6.97 min Scan# 831
Delta R.T. -0.01 min
Lab File: BF109871.D
Acq: 13 Oct 2018 8:42

Tgt Ion	Ratio	Lower	Upper
45	100		
77	34.3	10.0	50.0
79	29.3	6.1	46.1





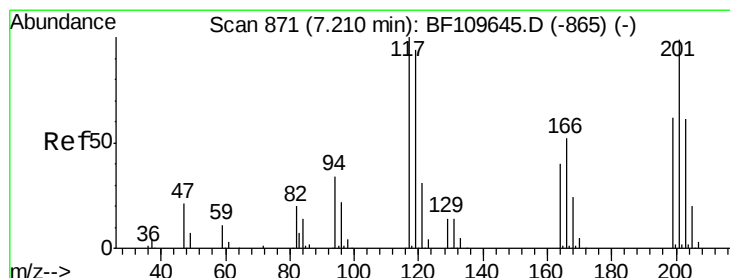
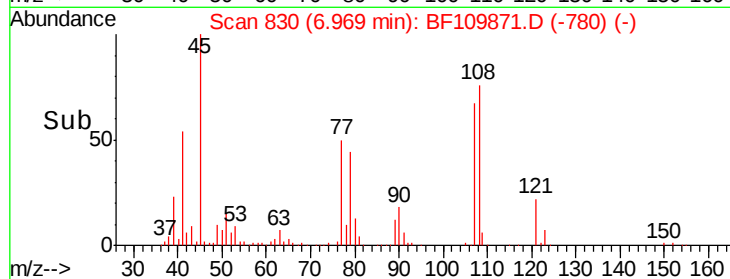
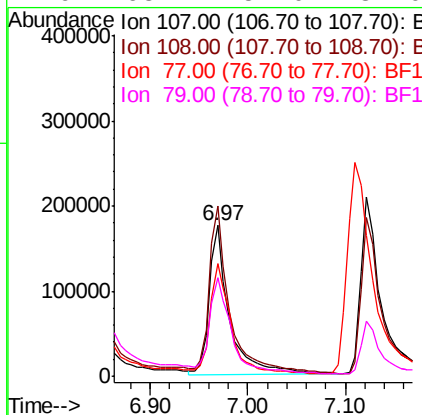
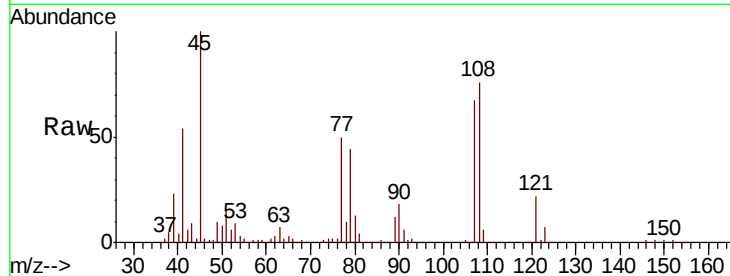
#17
2-Methylphenol
Concen: 44.920 ng
RT: 6.97 min Scan# 830
Delta R.T. -0.01 min
Lab File: BF109871.D
Acq: 13 Oct 2018 8:42

Instrument :
BNA_F
ClientSampleId :
PB113699BS

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	113.2	92.6	138.8	
77	74.4	59.4	89.2	
79	65.1	54.0	81.0	

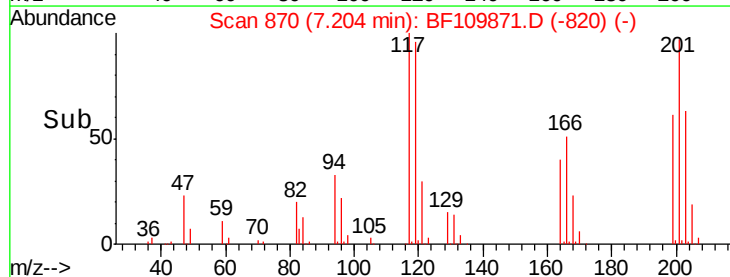
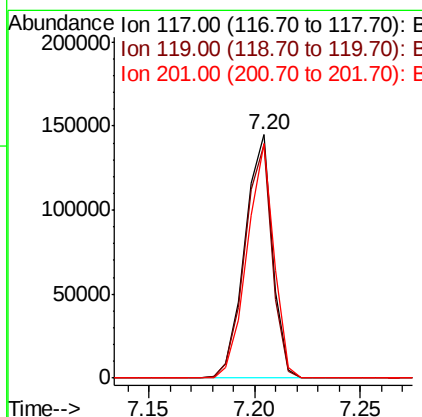
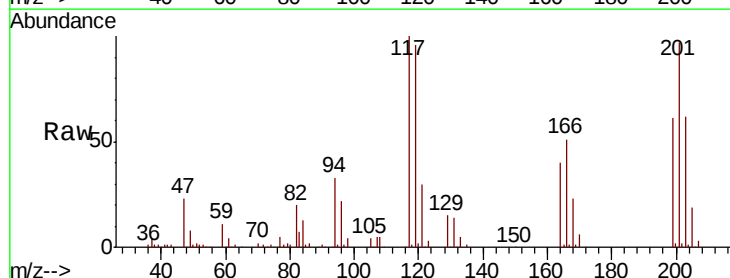
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#18
Hexachloroethane
Concen: 41.402 ng
RT: 7.20 min Scan# 870
Delta R.T. -0.01 min
Lab File: BF109871.D
Acq: 13 Oct 2018 8:42

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	95.6	75.0	112.6	
201	96.6	79.2	118.8	





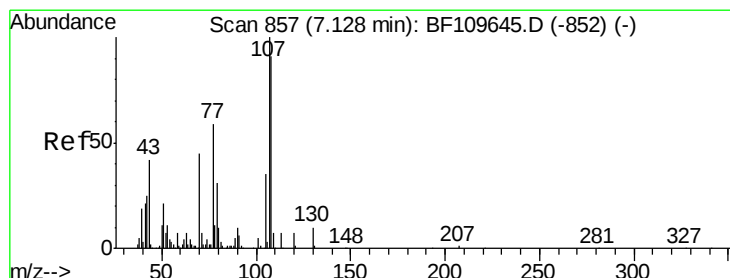
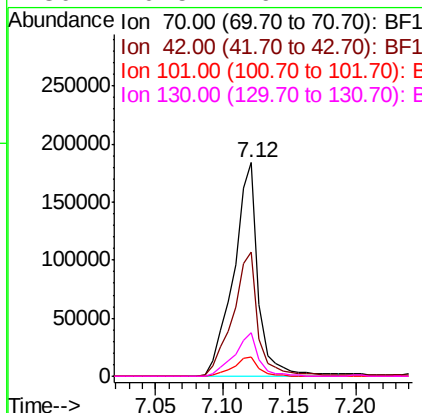
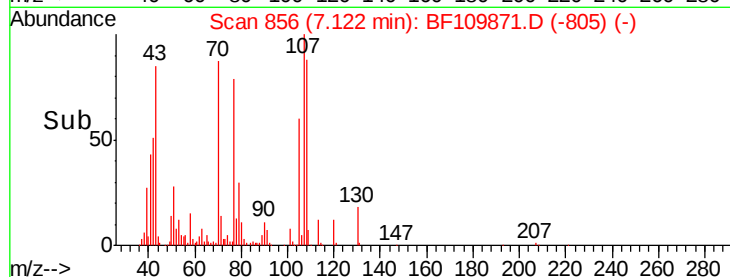
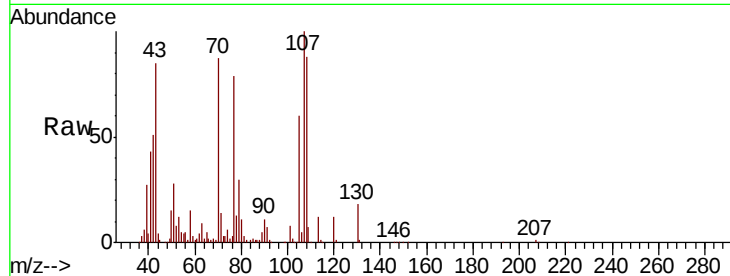
#19
n-Nitroso-di-n-propylamine
Concen: 43.466 ng
RT: 7.12 min Scan# 856
Delta R.T. 0.00 min
Lab File: BF109871.D
Acq: 13 Oct 2018 8:42

Instrument :
BNA_F
ClientSampleId :
PB113699BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
70	100		238997		
42	58.4	47.4	71.2		
101	9.1	7.3	10.9		
130	20.5	16.2	24.2		

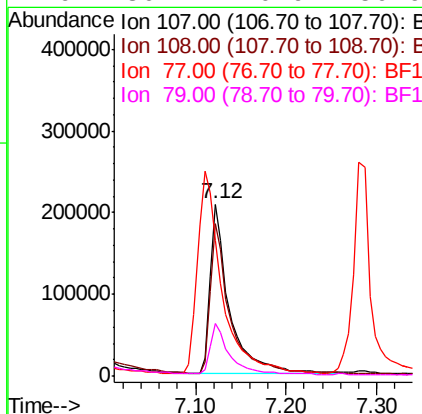
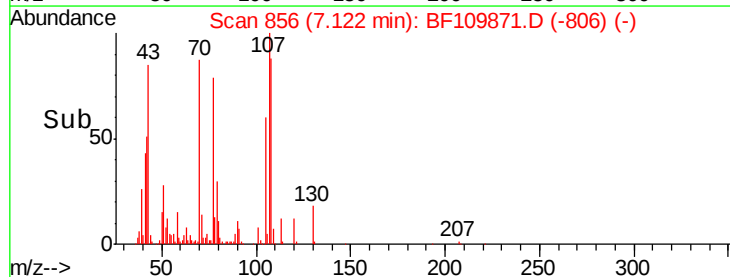
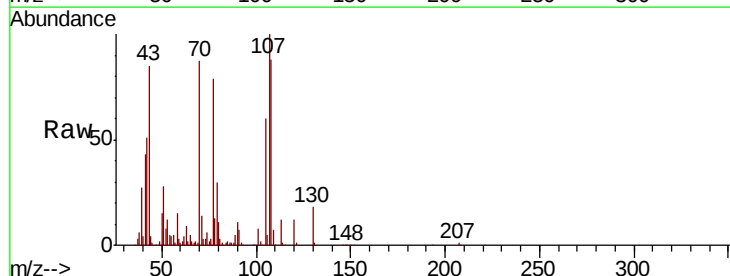
Manual Integrations
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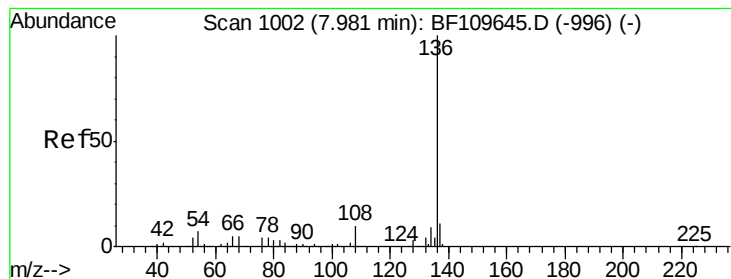
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#20
3+4-Methylphenols
Concen: 44.333 ng
RT: 7.12 min Scan# 856
Delta R.T. -0.01 min
Lab File: BF109871.D
Acq: 13 Oct 2018 8:42

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
107	100		311831		
108	88.4	71.4	111.4		
77	79.0	47.3	87.3		
79	30.4	10.9	50.9		





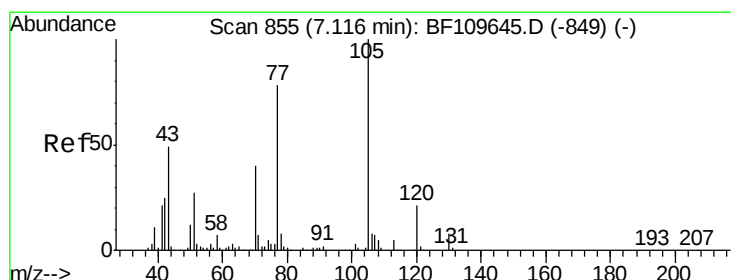
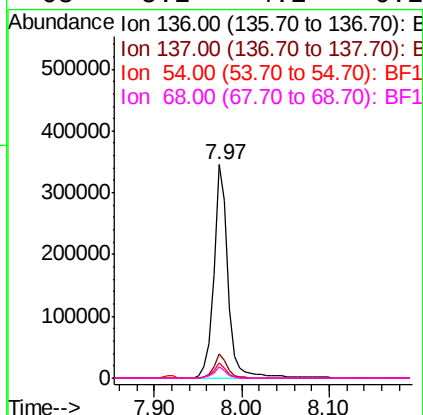
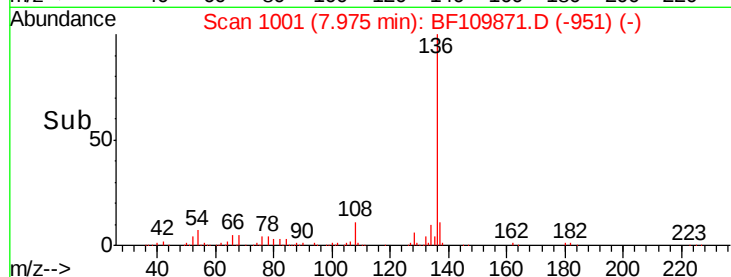
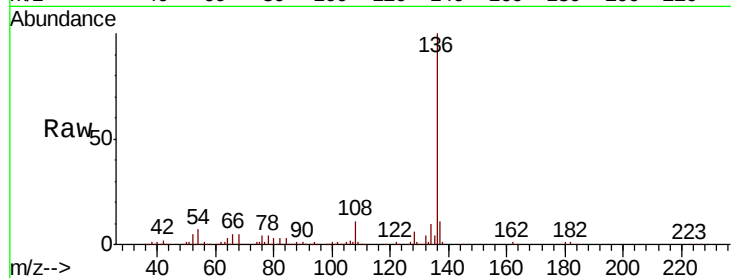
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.97 min Scan# 1001
Delta R.T. -0.01 min
Lab File: BF109871.D
Acq: 13 Oct 2018 8:42

Instrument :
BNA_F
ClientSampleId :
PB113699BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
136	100		392213		
137	11.2		8.8	13.2	
54	7.2		5.4	8.2	
68	5.2		4.2	6.2	

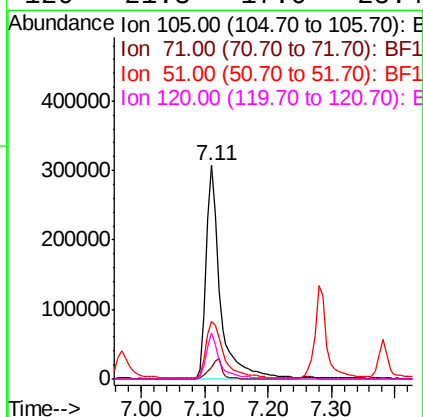
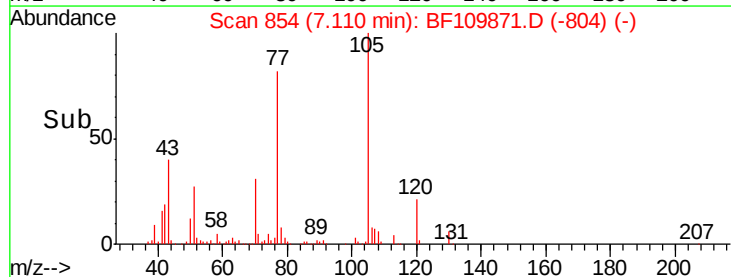
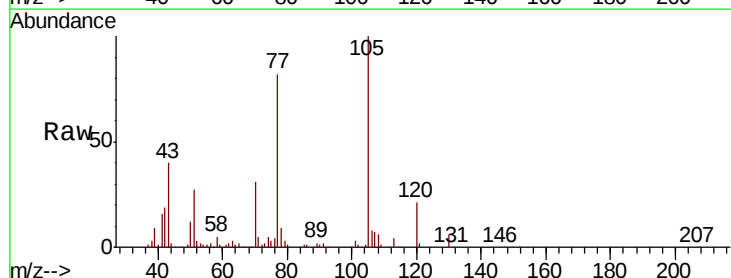
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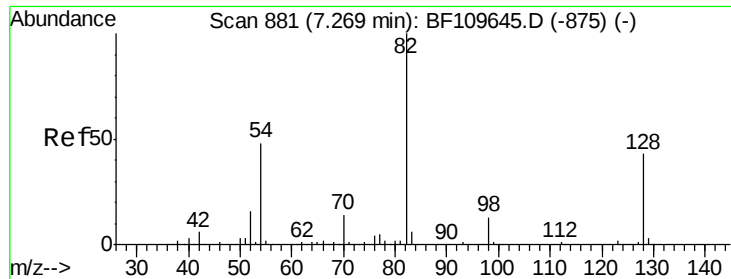
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#22
Acetophenone
Concen: 50.846 ng
RT: 7.11 min Scan# 854
Delta R.T. -0.01 min
Lab File: BF109871.D
Acq: 13 Oct 2018 8:42

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
105	100		482247		
71	5.2		5.2	7.8#	
51	26.8		21.8	32.8	
120	21.3		17.0	25.4	





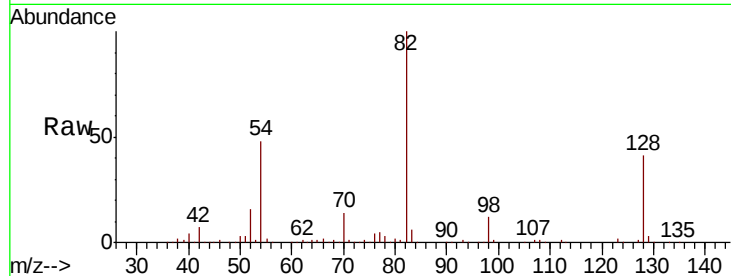
#23
 Nitrobenzene-d5
 Concen: 102.479 ng
 RT: 7.26 min Scan# 880
 Delta R.T. -0.01 min
 Lab File: BF109871.D
 Acq: 13 Oct 2018 8:42

Instrument :
 BNA_F
 ClientSampleId :
 PB113699BS

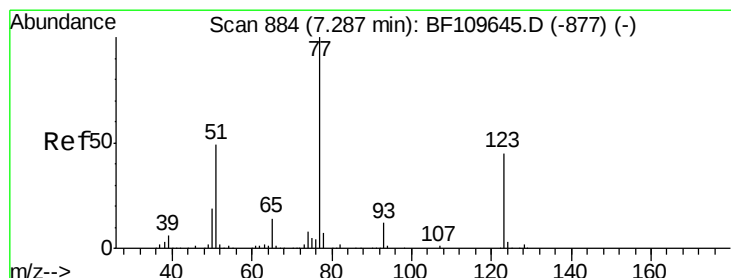
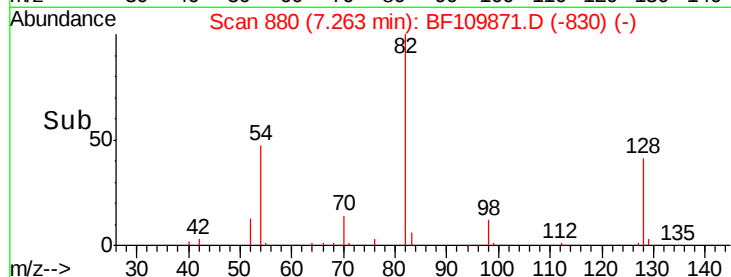
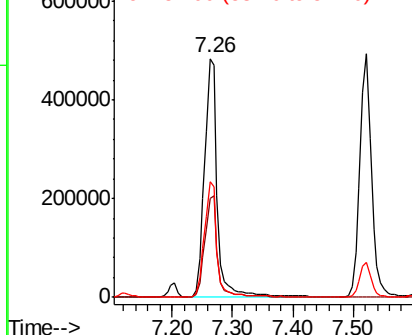
Tot Ion	Ratio	Resp	Lower	Upper
82	100	729154		
128	41.3		34.2	51.2
54	48.2		38.6	58.0

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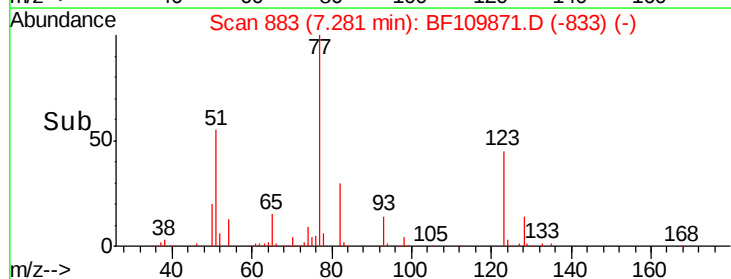
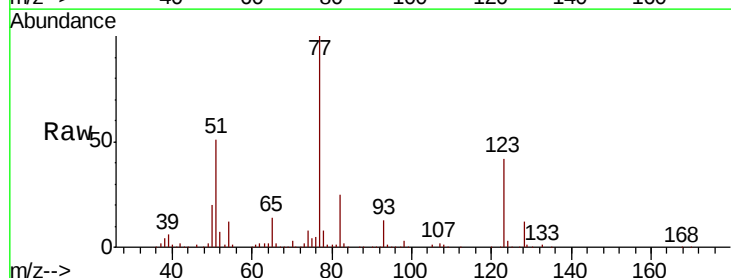
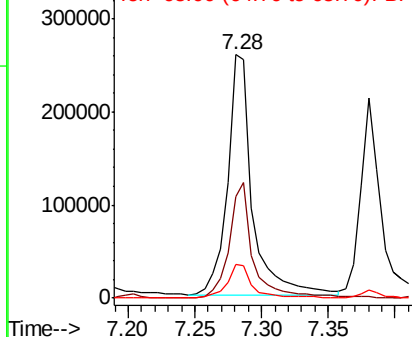
Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1



#24
 Nitrobenzene
 Concen: 46.412 ng
 RT: 7.28 min Scan# 883
 Delta R.T. -0.01 min
 Lab File: BF109871.D
 Acq: 13 Oct 2018 8:42

Tgt Ion	Ratio	Resp	Lower	Upper
77	100	343621		
123	41.9		35.7	53.5
65	13.7		10.7	16.1

Abundance Ion 77.00 (76.70 to 77.70): BF1
 Ion 123.00 (122.70 to 123.70): BF1
 Ion 65.00 (64.70 to 65.70): BF1





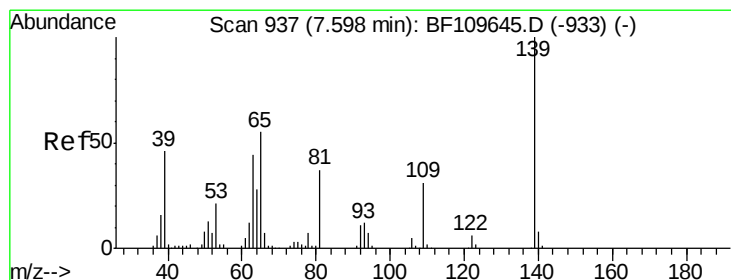
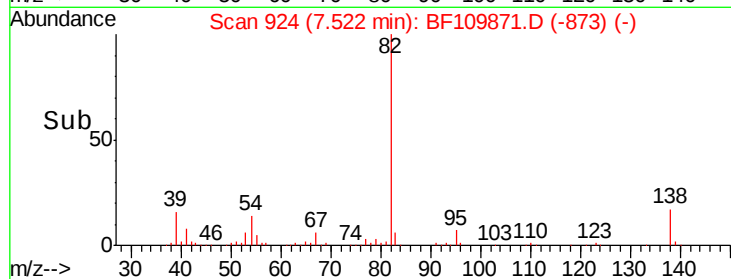
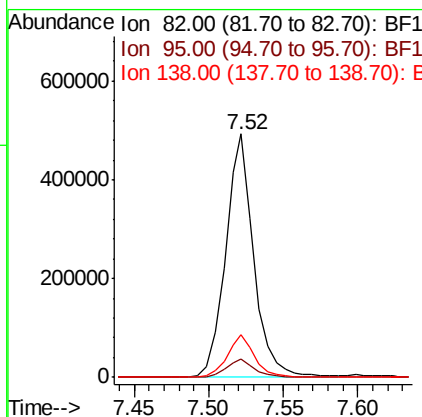
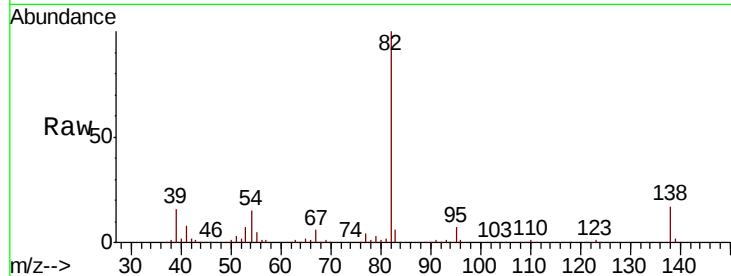
#25
Isophorone
Concen: 54.659 ng
RT: 7.52 min Scan# 924
Delta R.T. 0.00 min
Lab File: BF109871.D
Acq: 13 Oct 2018 8:42

Instrument :
BNA_F
ClientSampleId :
PB113699BS

Tot Ion	Ratio	Resp	Lower	Upper
82	100			
95	7.3	5.7	8.5	
138	17.3	13.2	19.8	

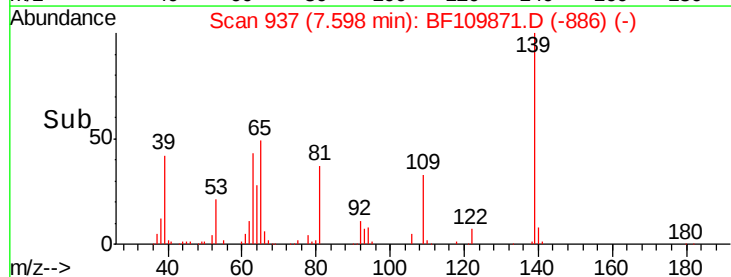
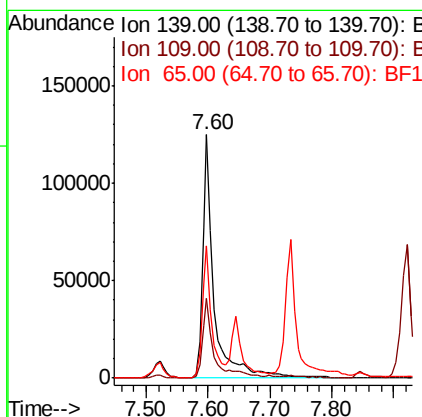
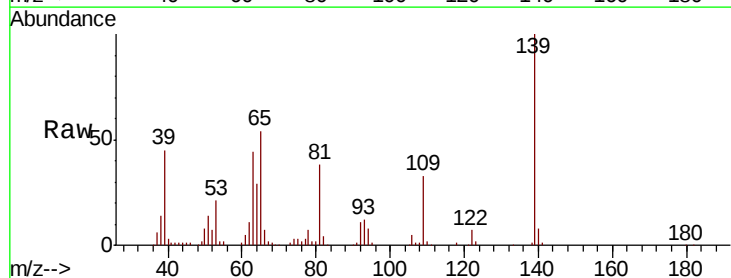
Manual Integrations
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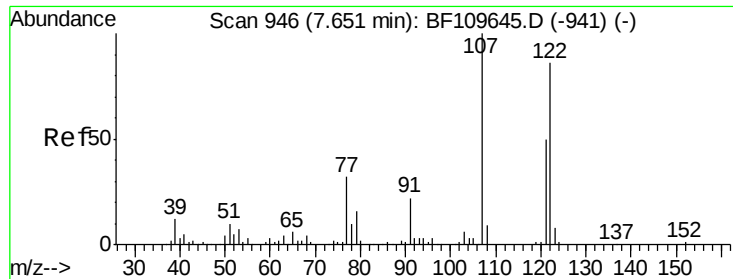
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#26
2-Nitrophenol
Concen: 46.978 ng
RT: 7.60 min Scan# 937
Delta R.T. 0.00 min
Lab File: BF109871.D
Acq: 13 Oct 2018 8:42

Tgt Ion	Ratio	Resp	Lower	Upper
139	100			
109	32.7	25.0	37.6	
65	54.1	44.0	66.0	





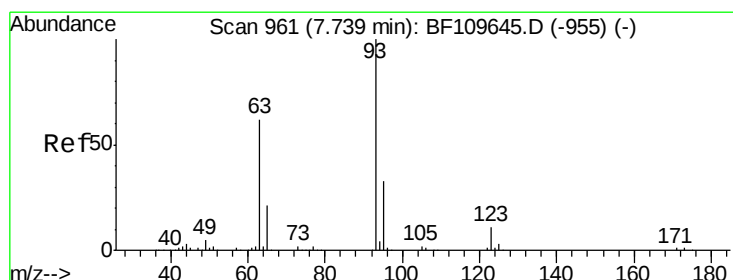
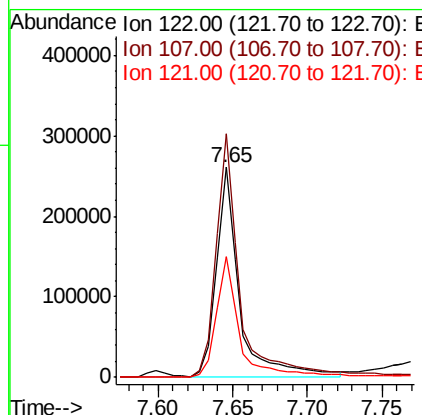
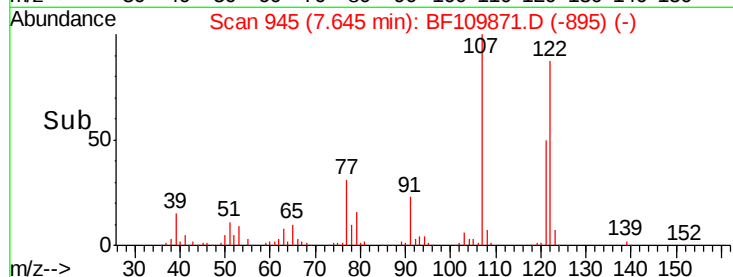
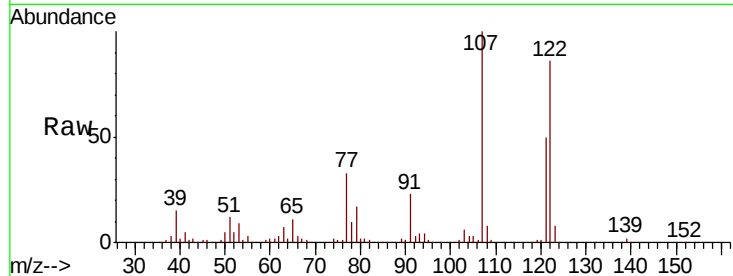
#27
2,4-Dimethylphenol
Concen: 55.466 ng
RT: 7.65 min Scan# 945
Delta R.T. -0.01 min
Lab File: BF109871.D
Acq: 13 Oct 2018 8:42

Instrument :
BNA_F
ClientSampleId :
PB113699BS

Tot Ion	Ratio	Lower	Upper
122	100		
107	115.8	92.5	138.7
121	57.7	45.8	68.8

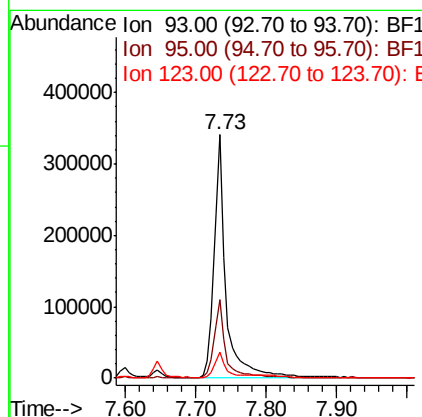
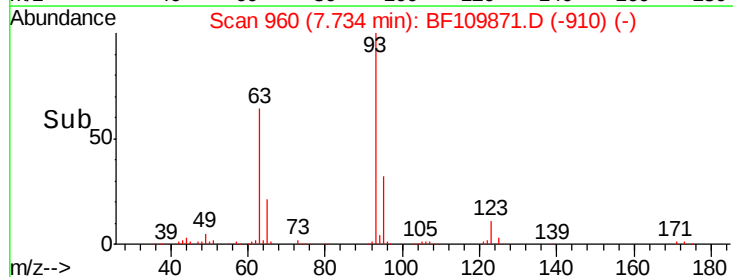
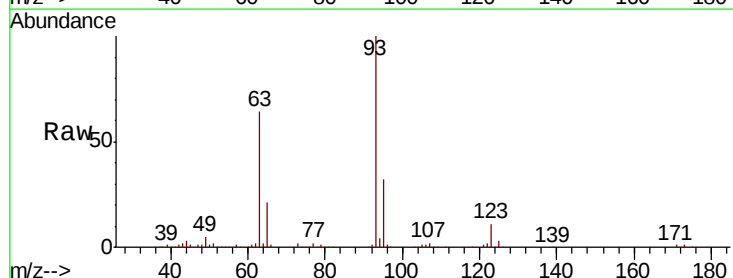
Manual Integrations
APPROVED

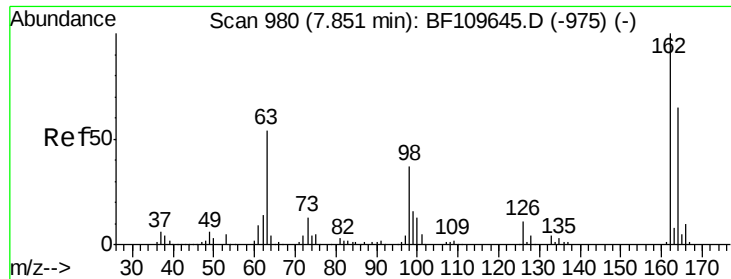
Sohil
10/15/2018 10:28:52 AM



#28
bis(2-Chloroethoxy)methane
Concen: 50.173 ng
RT: 7.73 min Scan# 960
Delta R.T. -0.01 min
Lab File: BF109871.D
Acq: 13 Oct 2018 8:42

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





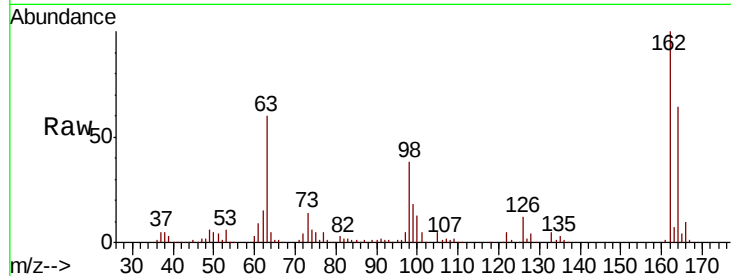
#29
2,4-Dichlorophenol
Concen: 47.794 ng
RT: 7.85 min Scan# 979
Delta R.T. -0.01 min
Lab File: BF109871.D
Acq: 13 Oct 2018 8:42

Instrument :
BNA_F
ClientSampleId :
PB113699BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
162	100		268091		
164	63.6	44.6	84.6		
98	38.1	17.4	57.4		

Manual Integrations
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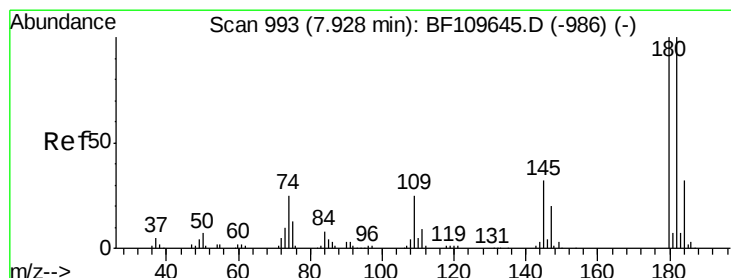
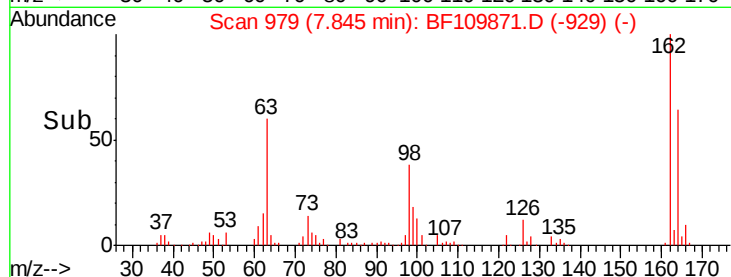
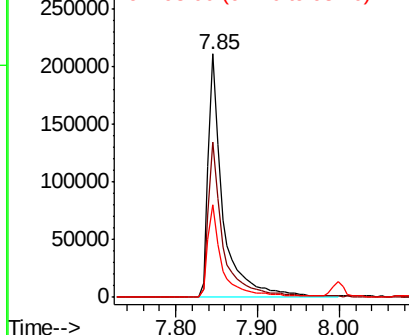


Abundance

Ion 162.00 (161.70 to 162.70): E

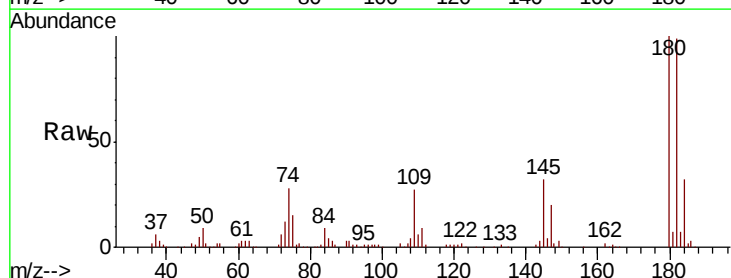
Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BF1



#30
1,2,4-Trichlorobenzene
Concen: 46.639 ng
RT: 7.92 min Scan# 992
Delta R.T. -0.01 min
Lab File: BF109871.D
Acq: 13 Oct 2018 8:42

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
180	100		289610		
182	98.6	80.3	120.5		
145	32.4	25.4	38.0		

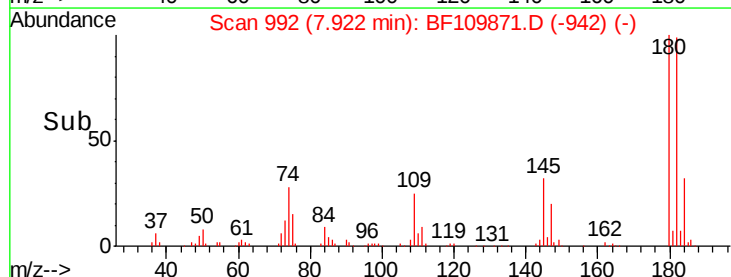
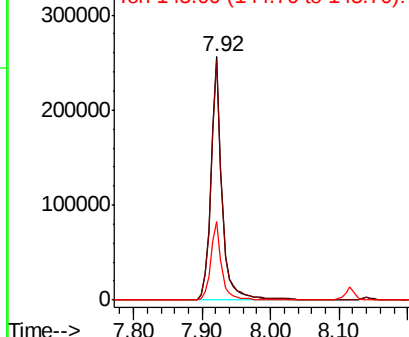


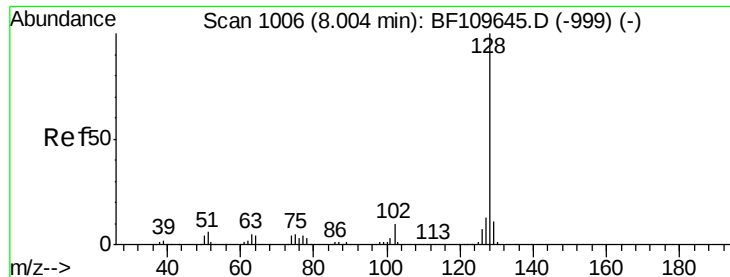
Abundance

Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E





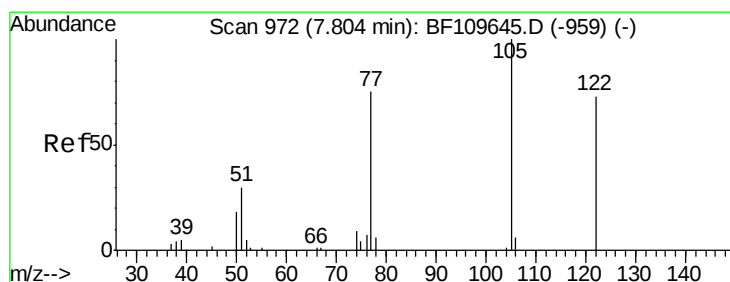
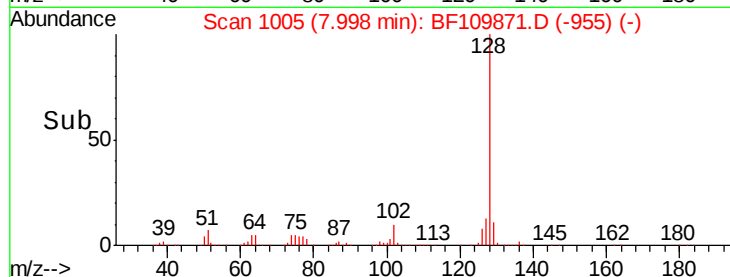
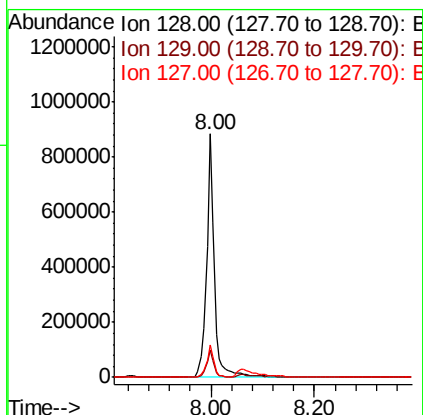
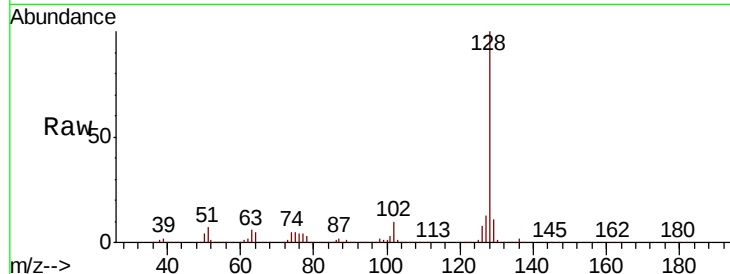
#31
Naphthalene
Concen: 52.280 ng
RT: 8.00 min Scan# 1005
Delta R.T. -0.01 min
Lab File: BF109871.D
Acq: 13 Oct 2018 8:42

Instrument :
BNA_F
ClientSampleId :
PB113699BS

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

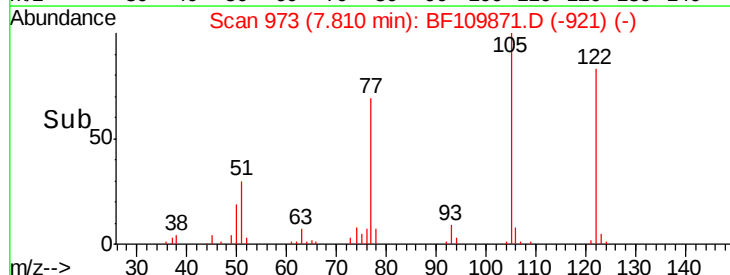
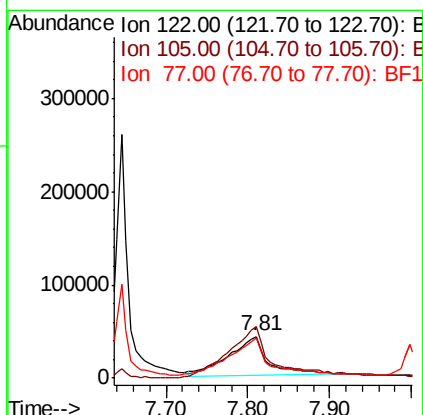
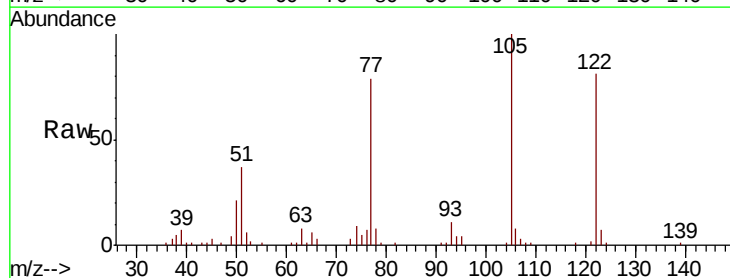
Manual Integrations
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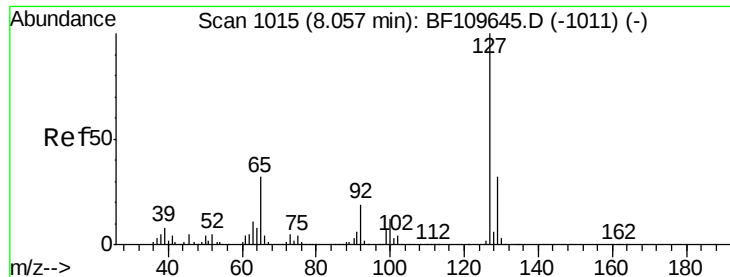
Sohil
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#32
Benzoic acid
Concen: 38.194 ng
RT: 7.81 min Scan# 973
Delta R.T. 0.01 min
Lab File: BF109871.D
Acq: 13 Oct 2018 8:42

Tgt Ion	Ratio	Resp	Lower	Upper
122	100			
105	122.9	109.0	149.0	
77	97.1	79.0	119.0	





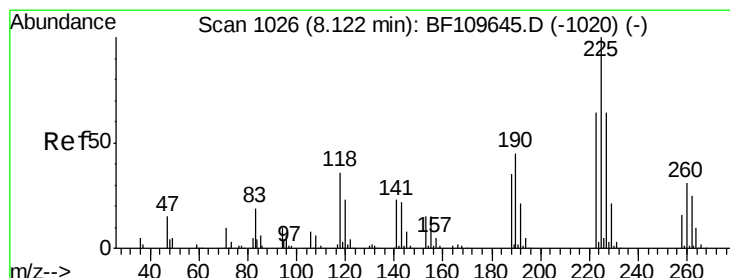
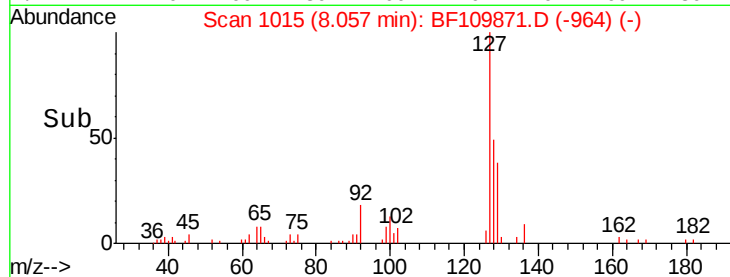
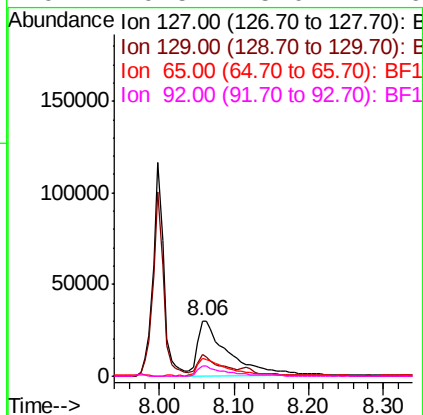
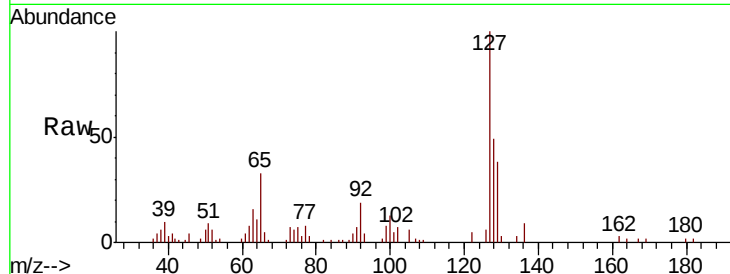
#33
4-Chloroaniline
Concen: 10.801 ng
RT: 8.06 min Scan# 1015
Delta R.T. 0.00 min
Lab File: BF109871.D
Acq: 13 Oct 2018 8:42

Instrument :
BNA_F
ClientSampleId :
PB113699BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100		86277		
129	38.4	26.0	39.0		
65	32.7	25.1	37.7		
92	19.5	15.0	22.6		

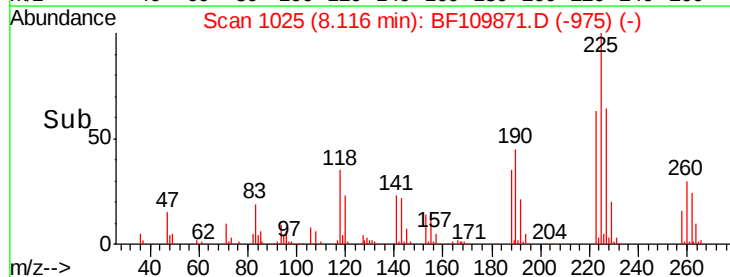
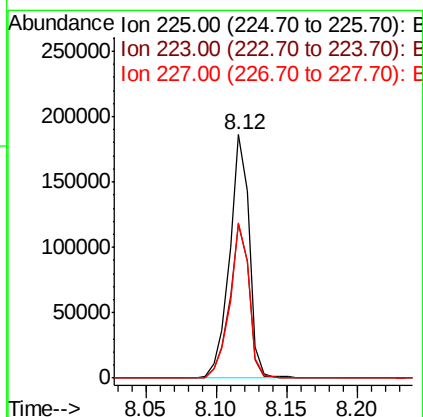
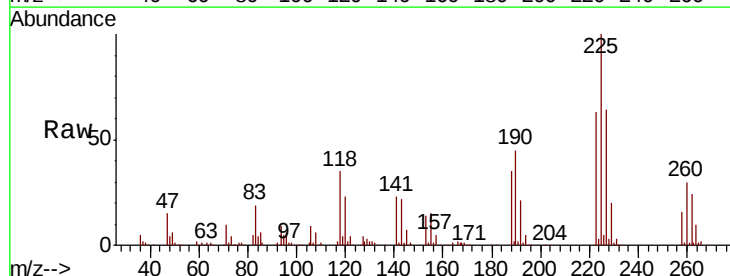
Manual Integrations
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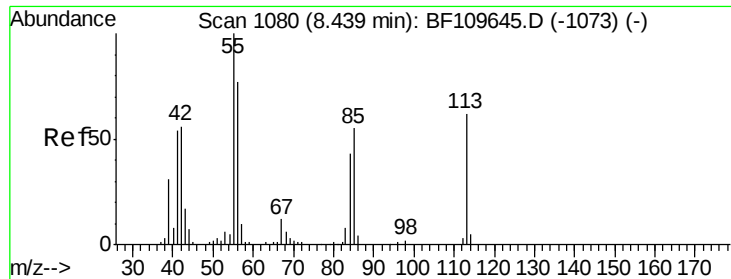
Sohil
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#34
Hexachlorobutadiene
Concen: 46.560 ng
RT: 8.12 min Scan# 1025
Delta R.T. -0.01 min
Lab File: BF109871.D
Acq: 13 Oct 2018 8:42

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100		179765		
223	63.3	51.4	77.2		
227	63.6	51.0	76.6		





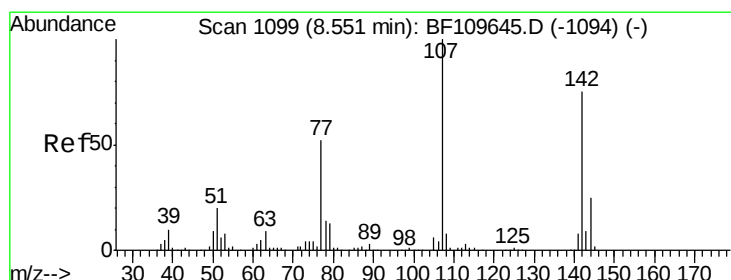
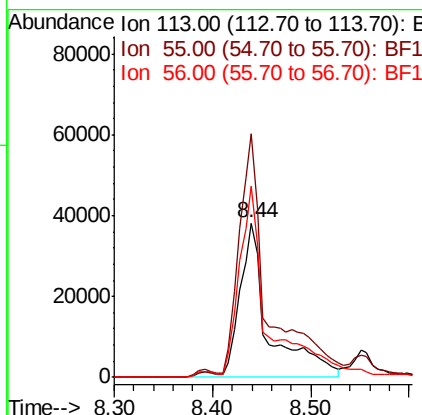
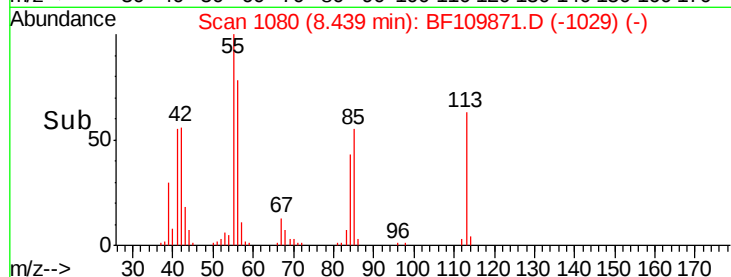
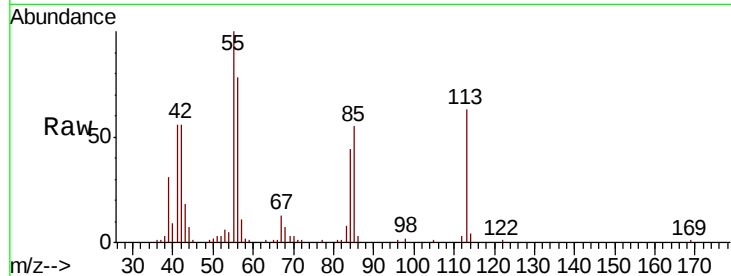
#35
Caprolactam
Concen: 47.551 ng/ml
RT: 8.44 min Scan# 1080
Delta R.T. 0.00 min
Lab File: BF109871.D
Acq: 13 Oct 2018 8:42

Instrument :
BNA_F
ClientSampleId :
PB113699BS

Tot Ion	Ratio	Lower	Upper
113	100		
55	158.0	142.8	182.8
56	124.0	105.0	145.0

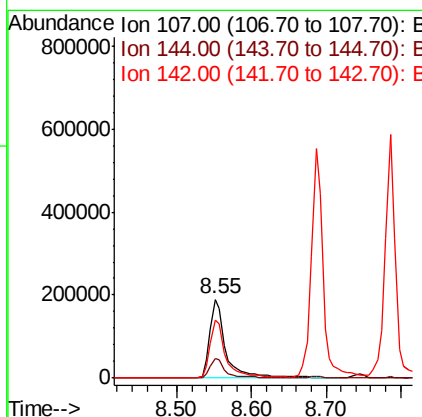
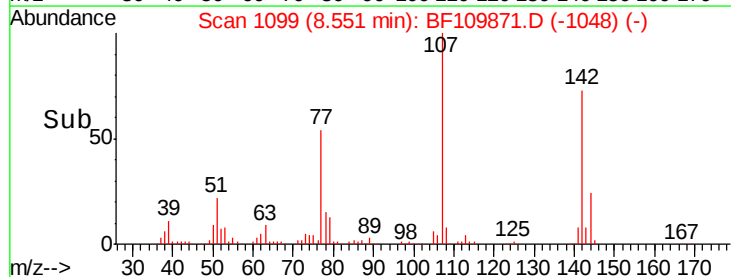
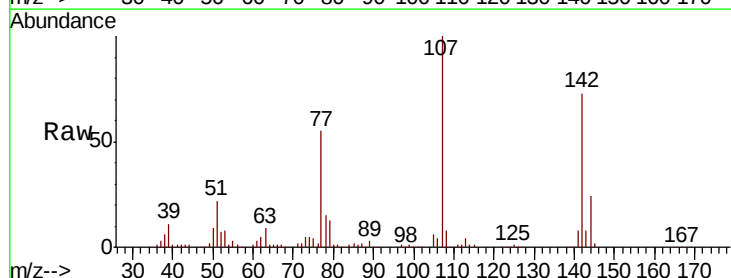
Manual Integrations
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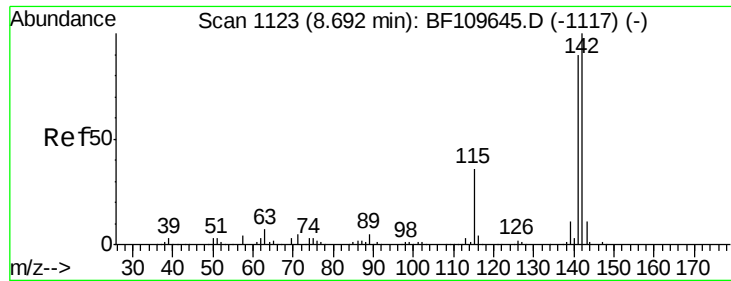
Sohil
10/15/2018 10:28:52 AM



#36
4-Chloro-3-methylphenol
Concen: 48.472 ng/ml
RT: 8.55 min Scan# 1099
Delta R.T. 0.00 min
Lab File: BF109871.D
Acq: 13 Oct 2018 8:42

Tgt Ion	Ratio	Lower	Upper
107	100		
144	24.4	20.0	30.0
142	73.0	59.7	89.5





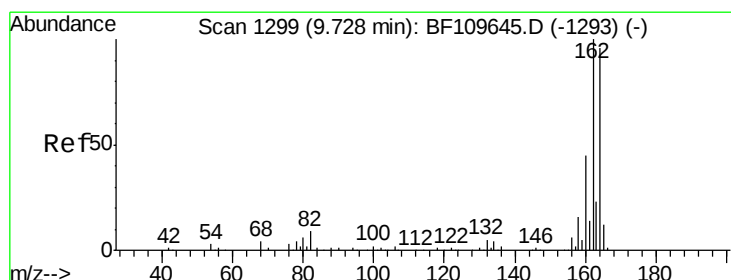
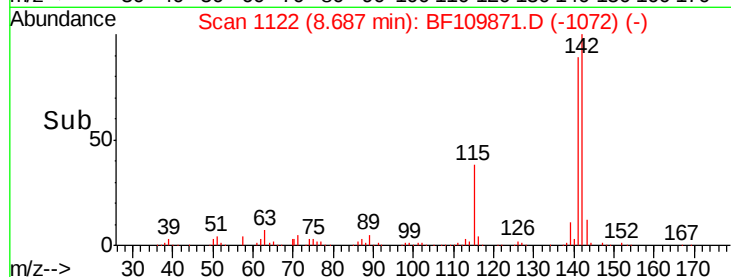
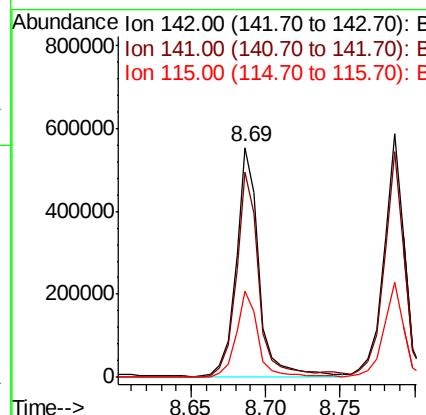
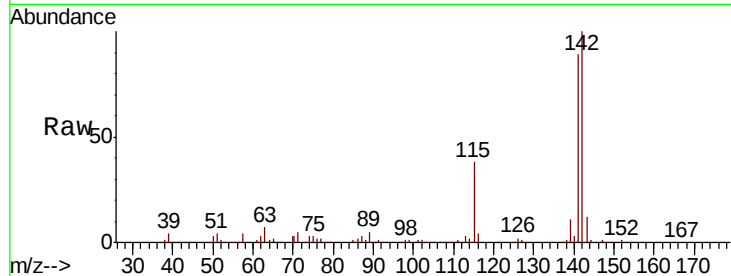
#37
2-Methylnaphthalene
Concen: 50.435 ng
RT: 8.69 min Scan# 1122
Delta R.T. -0.01 min
Lab File: BF109871.D
Acq: 13 Oct 2018 8:42

Instrument :
BNA_F
ClientSampleId :
PB113699BS

Tot Ion	Ratio	Lower	Upper
142	100		
141	89.0	71.4	107.2
115	37.5	28.7	43.1

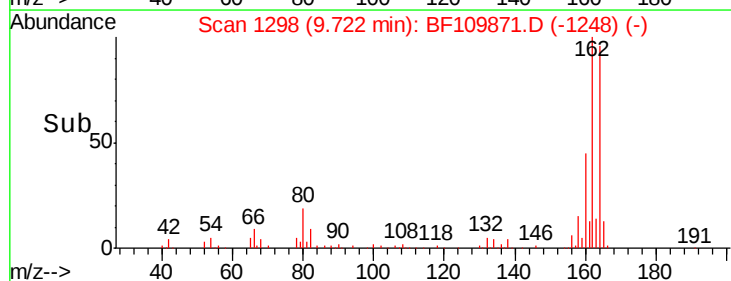
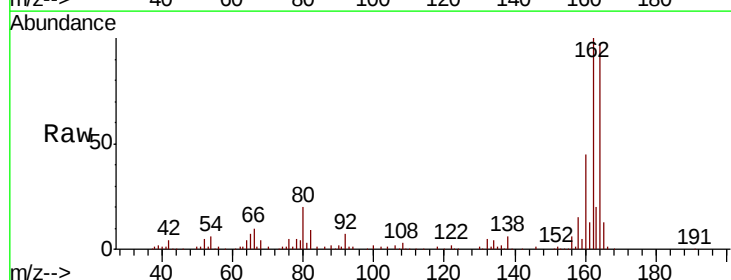
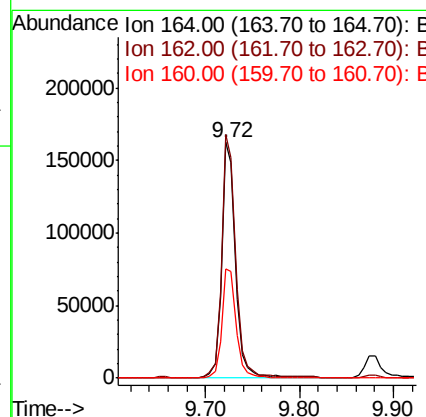
Manual Integrations
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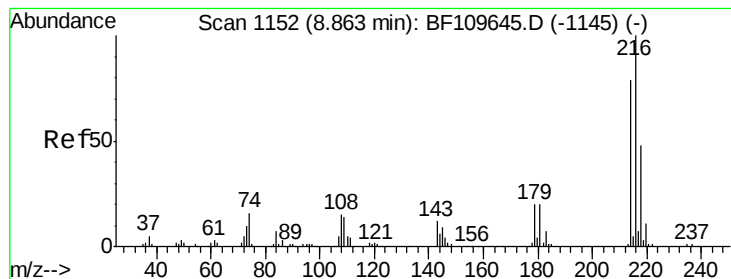
Sohil
10/15/2018 10:28:52 AM



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.72 min Scan# 1298
Delta R.T. -0.01 min
Lab File: BF109871.D
Acq: 13 Oct 2018 8:42

Tgt Ion	Ratio	Lower	Upper
164	100		
162	103.3	83.0	124.6
160	46.3	37.0	55.6





#39

1,2,4,5-Tetrachlorobenzene

Concen: 48.600 ng

RT: 8.86 min Scan# 1151

Delta R.T. -0.01 min

Lab File: BF109871.D

Acq: 13 Oct 2018 8:42

Instrument :

BNA_F

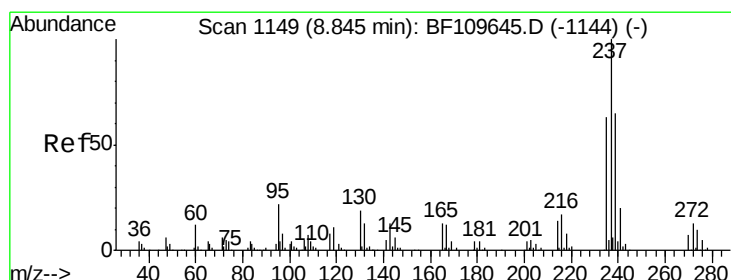
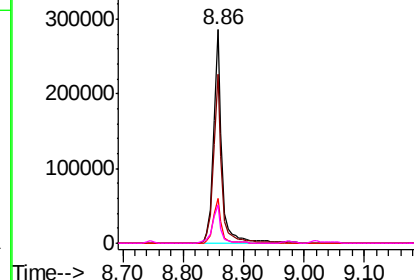
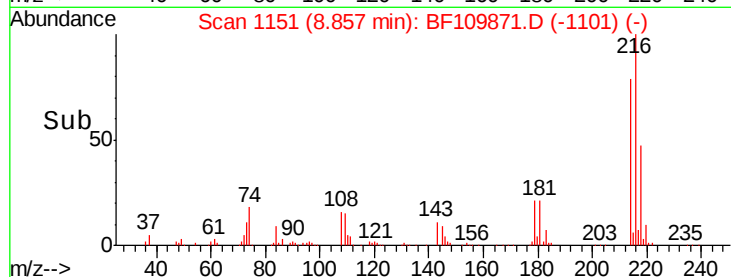
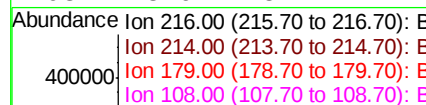
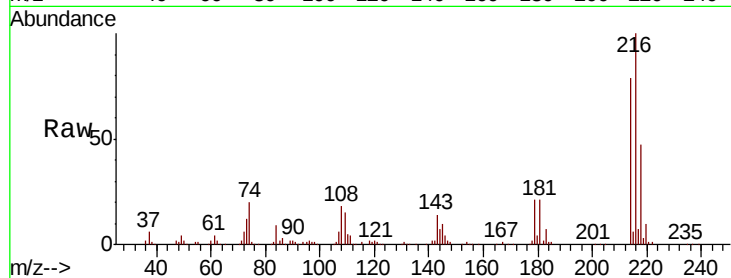
ClientSampleId :

PB113699BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
216	100		280833		
214	79.5		63.8	95.6	
179	20.9		16.6	25.0	
108	18.9		15.1	22.7	

Manual Integrations
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#40

Hexachlorocyclopentadiene

Concen: 35.169 ng

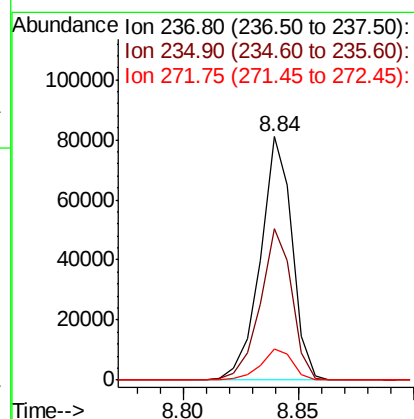
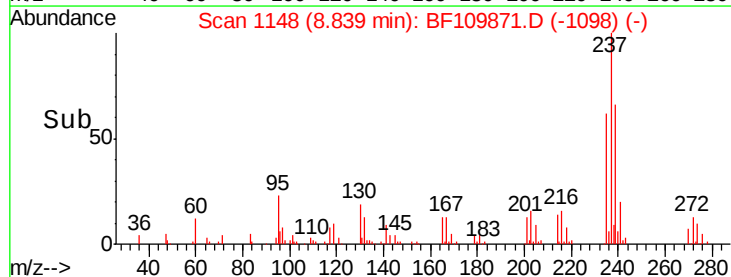
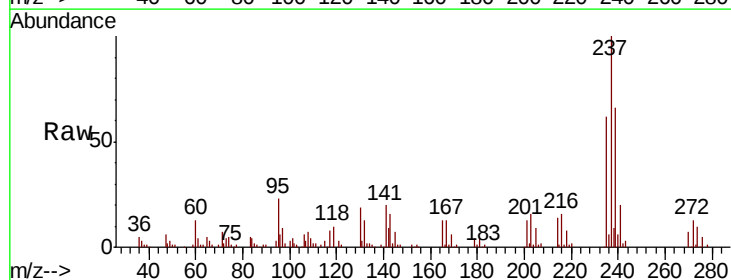
RT: 8.84 min Scan# 1148

Delta R.T. -0.01 min

Lab File: BF109871.D

Acq: 13 Oct 2018 8:42

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
237	100		77761		
235	62.0		43.1	83.1	
272	12.6		0.0	32.6	





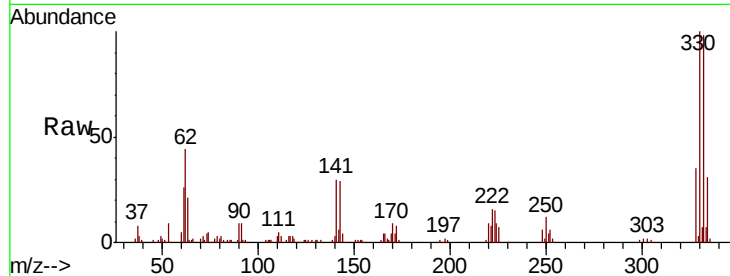
#41
 2,4,6-Tribromophenol
 Concen: 87.305 ng
 RT: 10.52 min Scan# 1433
 Delta R.T. 0.00 min
 Lab File: BF109871.D
 Acq: 13 Oct 2018 8:42

Instrument :
 BNA_F
 ClientSampleId :
 PB113699BS

Tot Ion	Ratio	Resp	Lower	Upper
330	100	161484		
332	96.8	77.1	115.7	
141	32.9	27.0	40.4	

Manual Integrations
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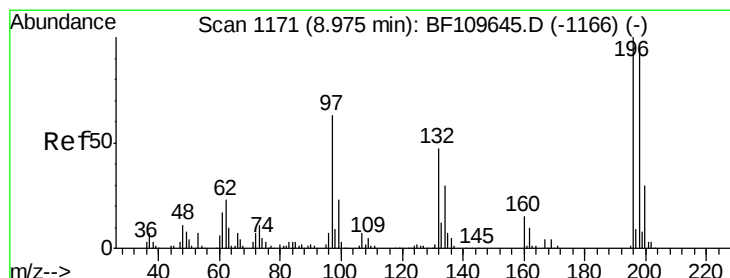
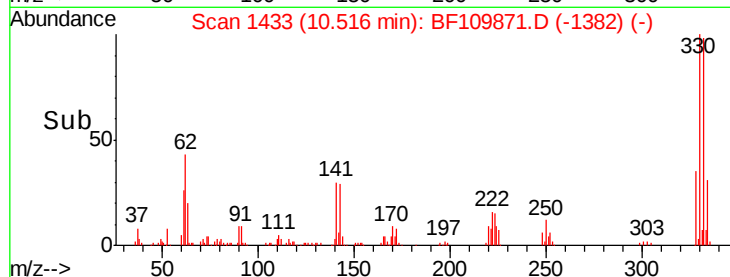
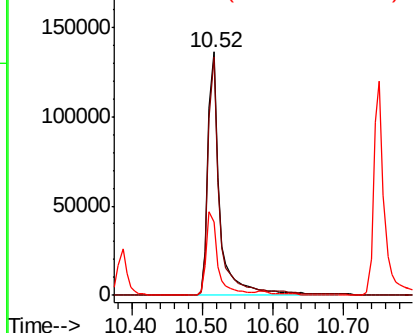


Abundance

Ion 329.80 (329.50 to 330.50): E

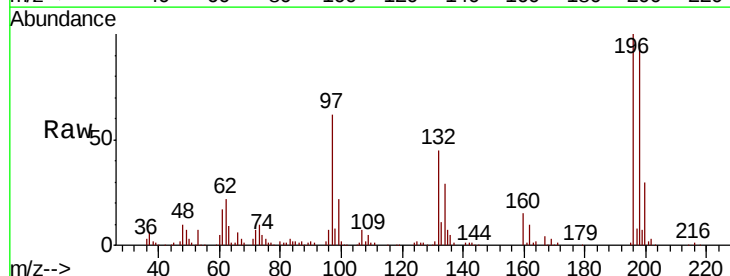
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#42
 2,4,6-Trichlorophenol
 Concen: 48.990 ng
 RT: 8.97 min Scan# 1171
 Delta R.T. 0.00 min
 Lab File: BF109871.D
 Acq: 13 Oct 2018 8:42

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	169230		
198	96.3	76.2	114.4	
200	30.1	24.4	36.6	

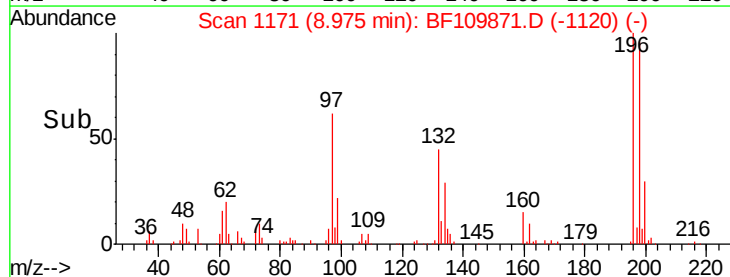
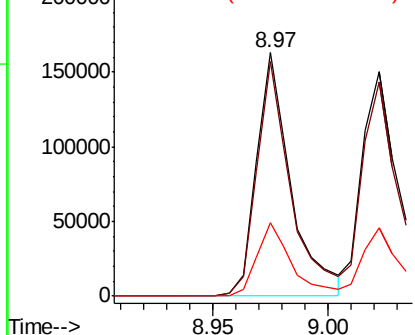


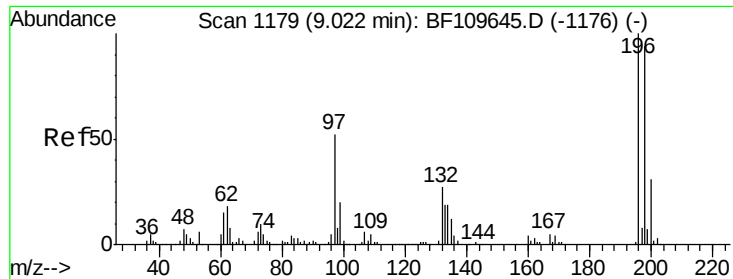
Abundance

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





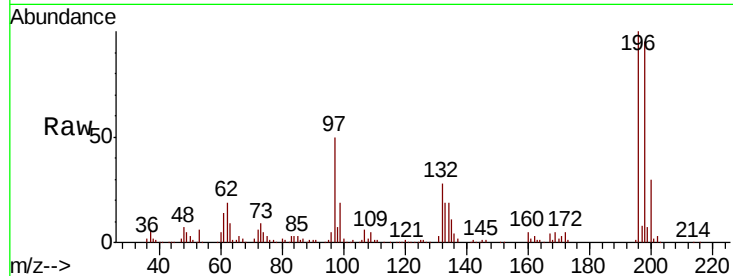
#43
2,4,5-Trichlorophenol
Concen: 48.471 ng
RT: 9.02 min Scan# 1179
Delta R.T. 0.00 min
Lab File: BF109871.D
Acq: 13 Oct 2018 8:42

Instrument :
BNA_F
ClientSampled :
PB113699BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
196	100		192515		
198	95.3	75.8	113.6		
97	50.3	42.4	63.6		
132	27.7	22.8	34.2		

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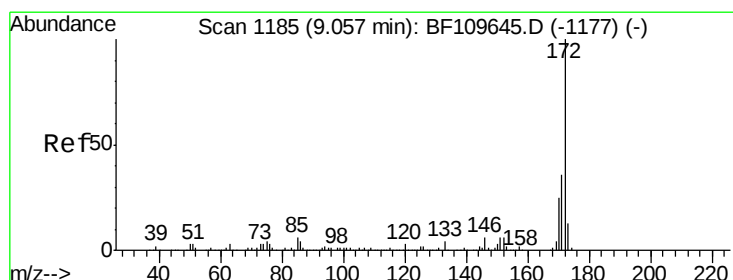
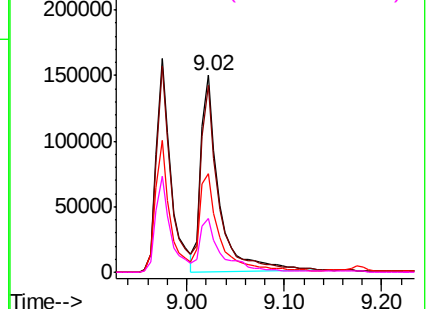
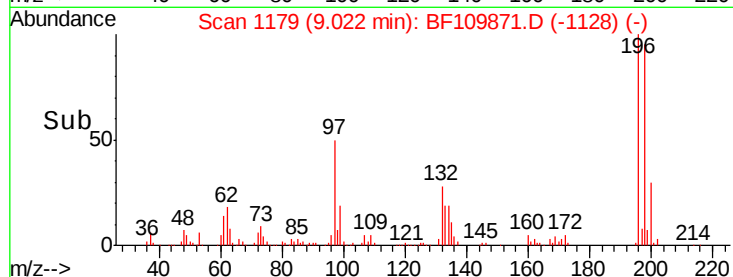
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

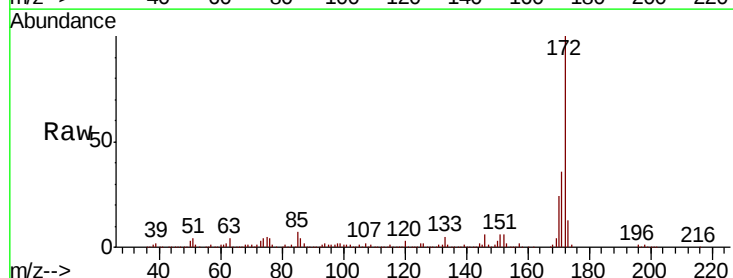
Ion 97.00 (96.70 to 97.70): BF1

Ion 132.00 (131.70 to 132.70): E



#44
2-Fluorobiphenyl
Concen: 100.760 ng
RT: 9.05 min Scan# 1184
Delta R.T. -0.01 min
Lab File: BF109871.D
Acq: 13 Oct 2018 8:42

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
172	100		1241917		
171	36.2	28.6	43.0		
170	24.3	19.7	29.5		

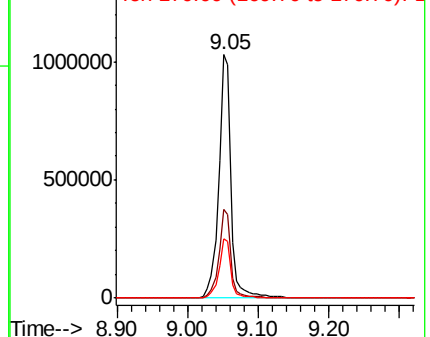
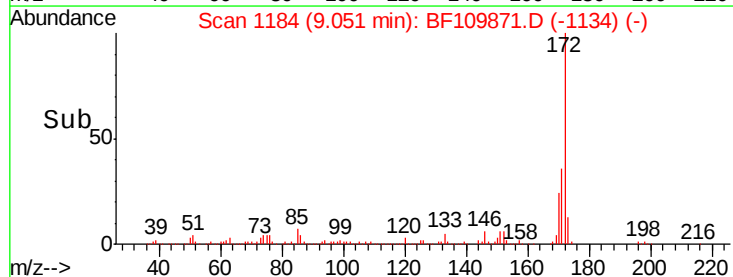


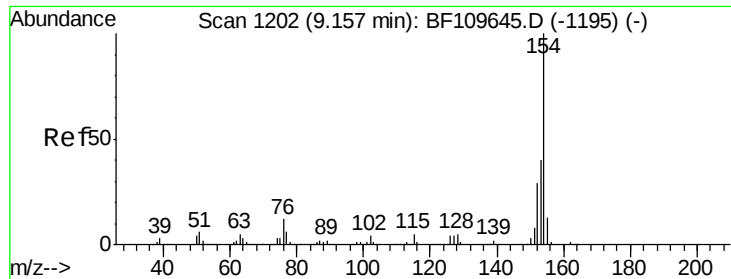
Abundance

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





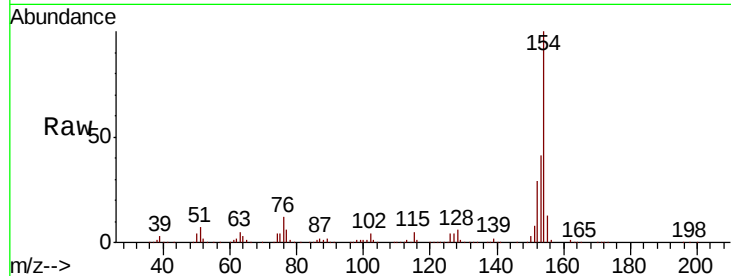
#45
 1,1'-Biphenyl
 Concen: 47.793 ng
 RT: 9.15 min Scan# 1201
 Delta R.T. -0.01 min
 Lab File: BF109871.D
 Acq: 13 Oct 2018 8:42

Instrument :
 BNA_F
 ClientSampleId :
 PB113699BS

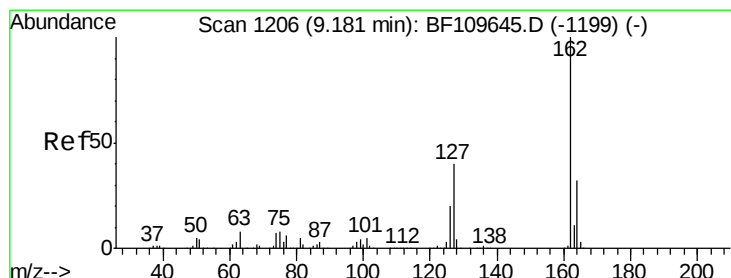
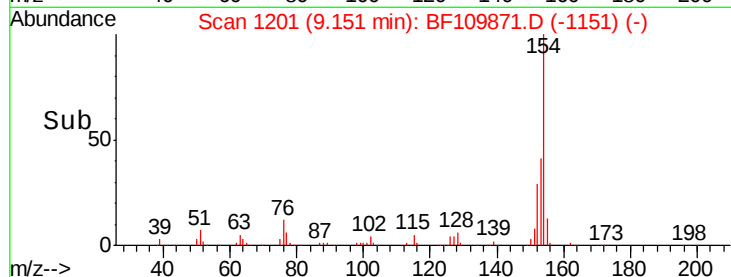
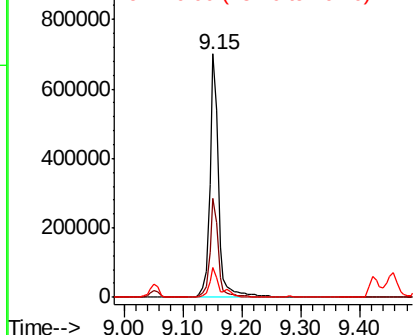
Tot Ion	Ratio	Resp	Lower	Upper
154	100			
153	40.8	20.4	60.4	
76	12.3	0.0	31.9	

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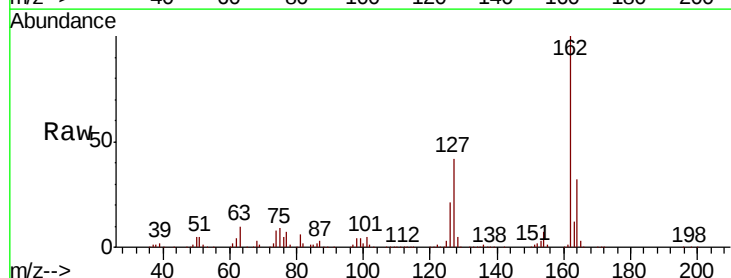


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF1

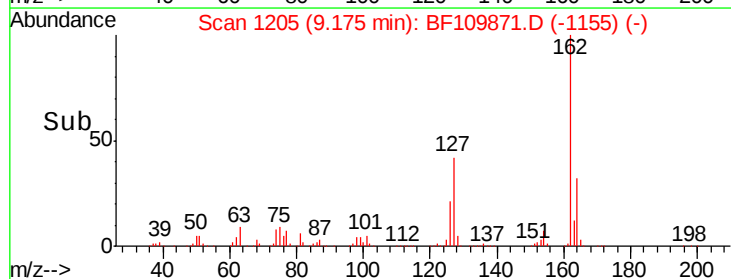
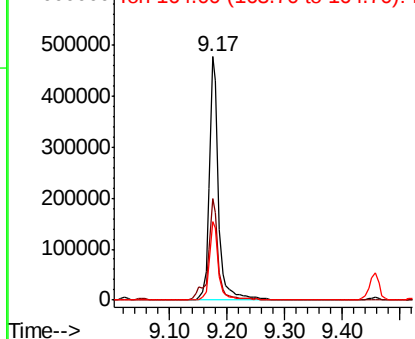


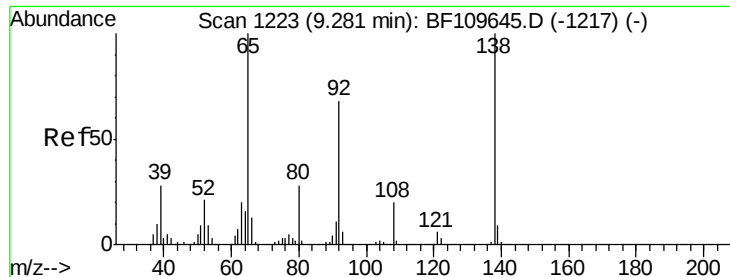
#46
 2-Chloronaphthalene
 Concen: 48.125 ng
 RT: 9.17 min Scan# 1205
 Delta R.T. -0.01 min
 Lab File: BF109871.D
 Acq: 13 Oct 2018 8:42

Tgt Ion	Ratio	Resp	Lower	Upper
162	100			
127	41.8	32.6	48.8	
164	32.2	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





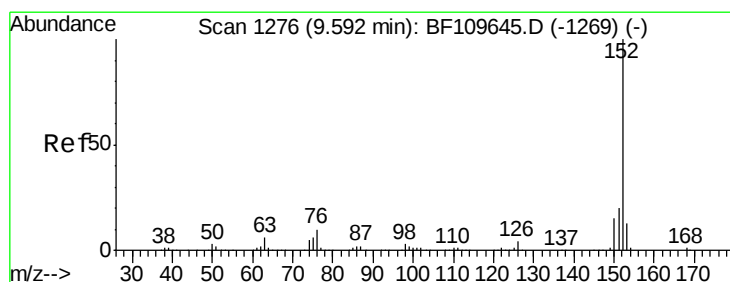
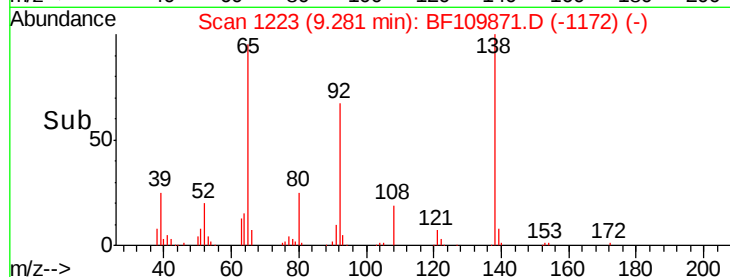
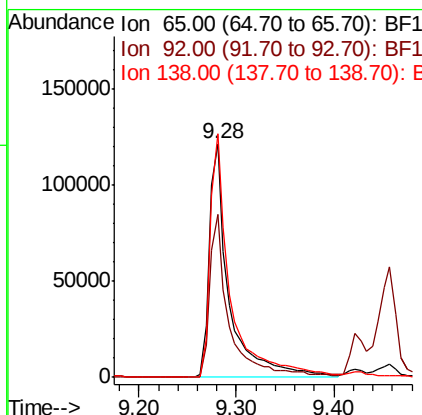
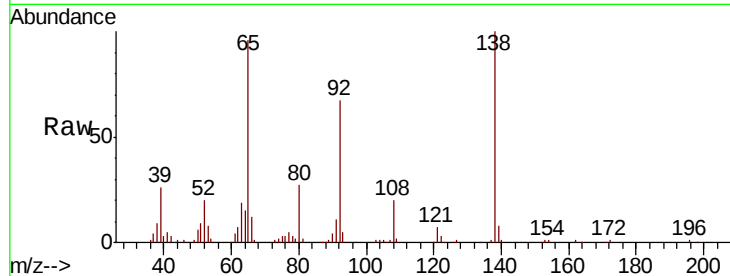
#47
2-Nitroaniline
Concen: 49.889 ng
RT: 9.28 min Scan# 1223
Delta R.T. 0.00 min
Lab File: BF109871.D
Acq: 13 Oct 2018 8:42

Instrument :
BNA_F
ClientSampleId :
PB113699BS

Tot Ion	Ratio	Resp	Lower	Upper
65	100	171627		
92	69.8	54.6	81.8	
138	104.2	80.3	120.5	

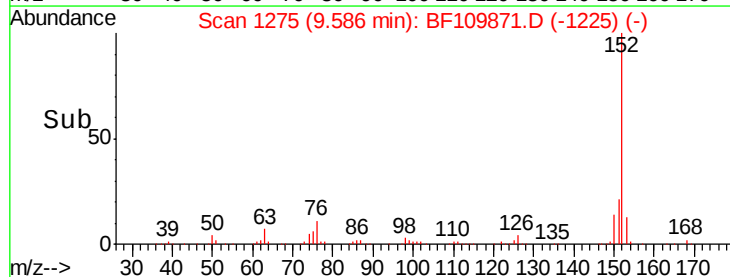
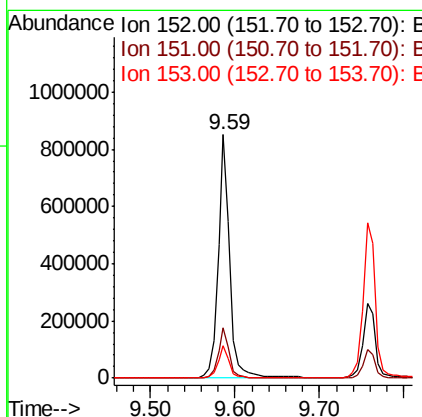
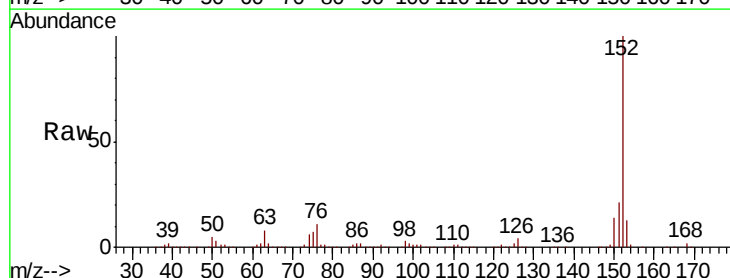
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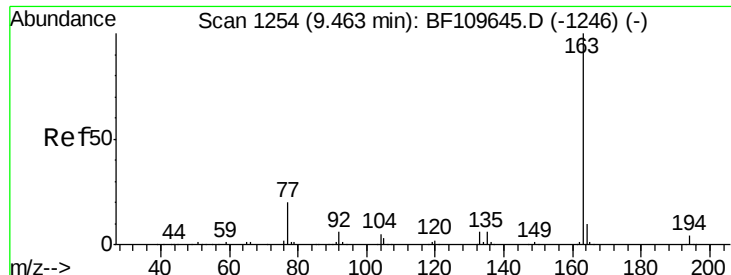
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#48
Acenaphthylene
Concen: 49.951 ng
RT: 9.59 min Scan# 1275
Delta R.T. -0.01 min
Lab File: BF109871.D
Acq: 13 Oct 2018 8:42

Tgt Ion	Ratio	Resp	Lower	Upper
152	100	827355		
151	20.5	15.8	23.8	
153	13.2	10.4	15.6	





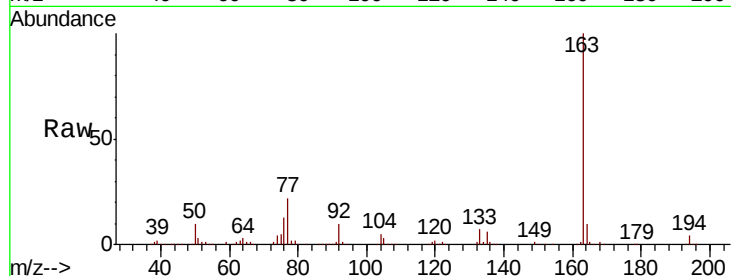
#49
Dimethylphthalate
Concen: 52.912 ng
RT: 9.46 min Scan# 1253
Delta R.T. -0.01 min
Lab File: BF109871.D
Acq: 13 Oct 2018 8:42

Instrument :
BNA_F
ClientSampleId :
PB113699BS

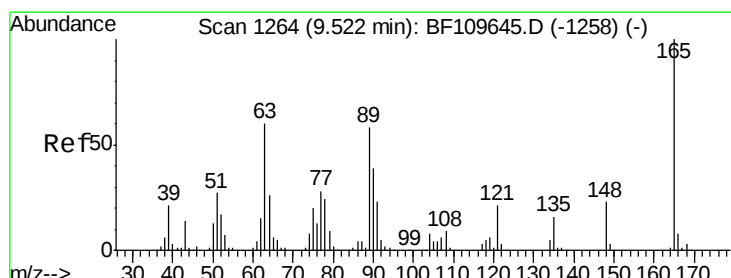
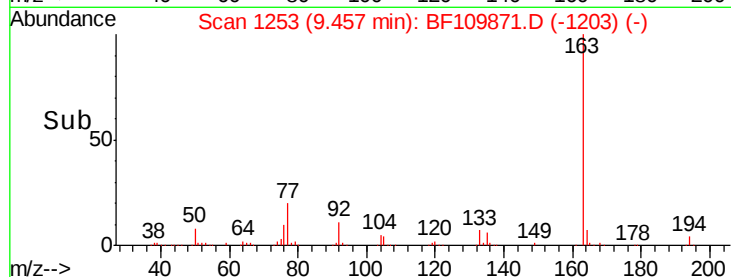
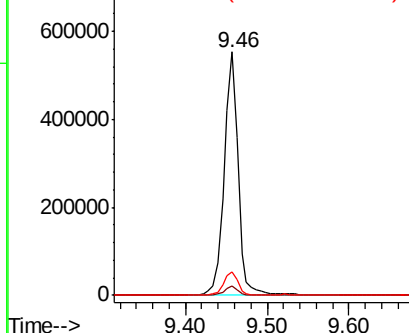
Tot Ion	Ratio	Resp Lower	Upper
163	100		
194	3.7	3.2	4.8
164	9.9	8.1	12.1

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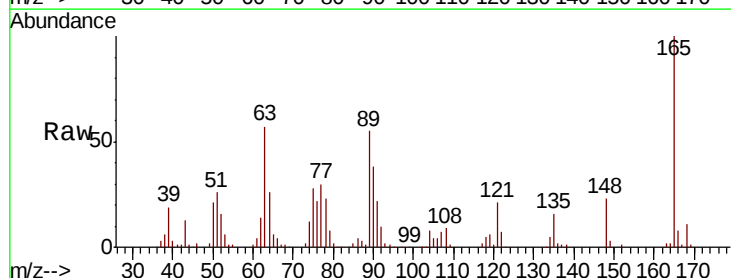


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

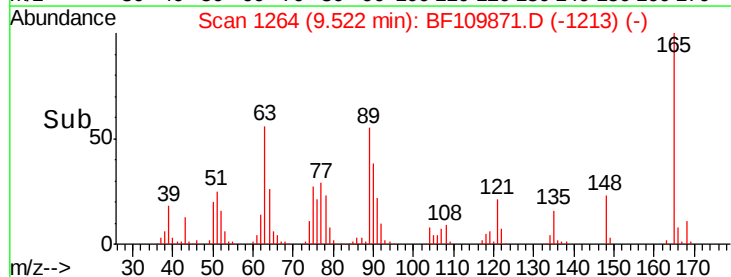
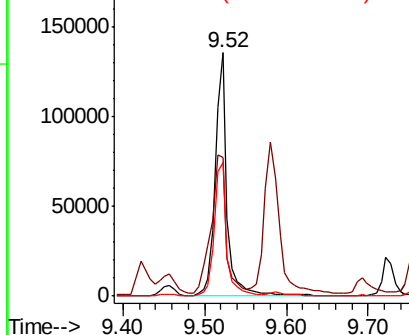


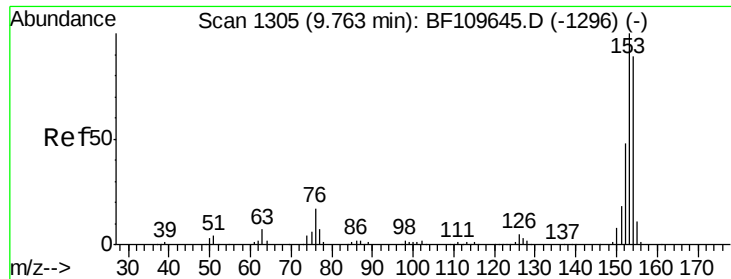
#50
2,6-Dinitrotoluene
Concen: 50.815 ng
RT: 9.52 min Scan# 1264
Delta R.T. 0.00 min
Lab File: BF109871.D
Acq: 13 Oct 2018 8:42

Tgt Ion	Ratio	Resp Lower	Upper
165	100		
63	56.7	48.9	73.3
89	54.9	46.6	69.8



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





#51

Acenaphthene

Concen: 47.280 ng

RT: 9.76 min Scan# 1304

Delta R.T. -0.01 min

Lab File: BF109871.D

Acq: 13 Oct 2018 8:42

Instrument :

BNA_F

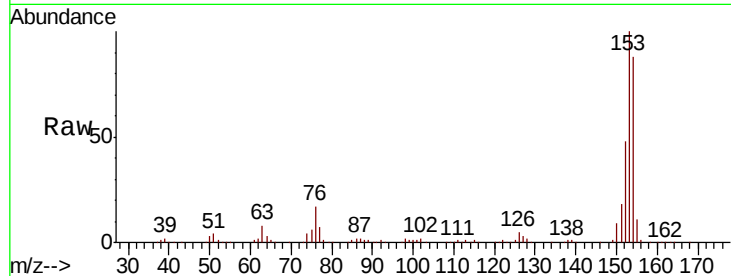
ClientSampleId :

PB113699BS

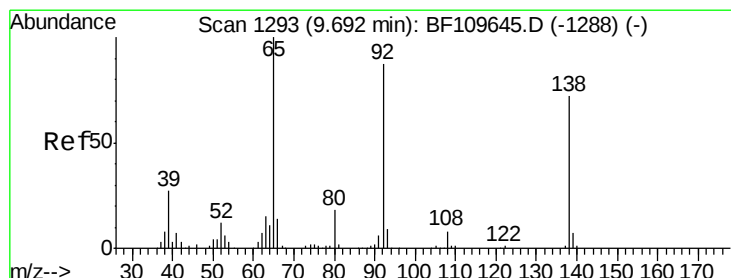
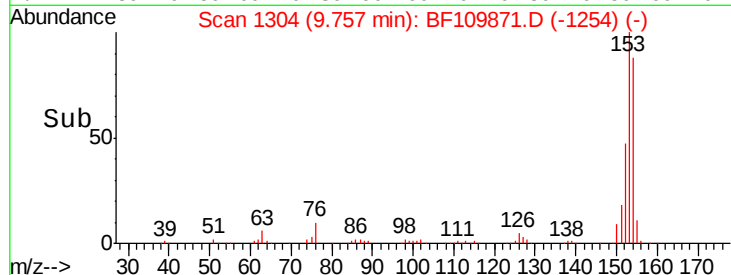
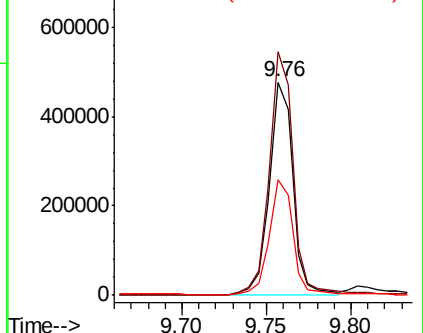
Tot Ion:	154	Resp:	464239
Ion Ratio	Lower	Upper	
154	100		
153	114.1	90.1	135.1
152	54.3	43.4	65.2

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



#52

3-Nitroaniline

Concen: 25.821 ng

RT: 9.69 min Scan# 1293

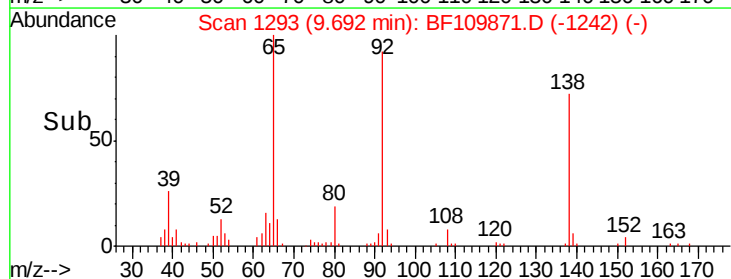
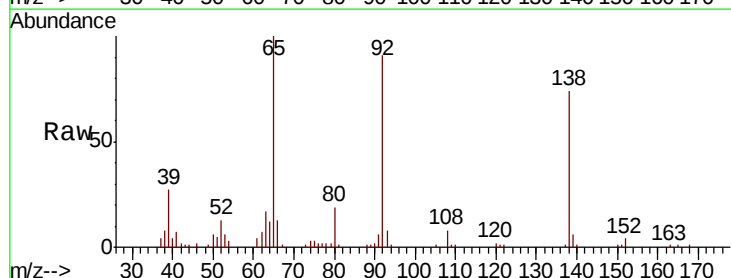
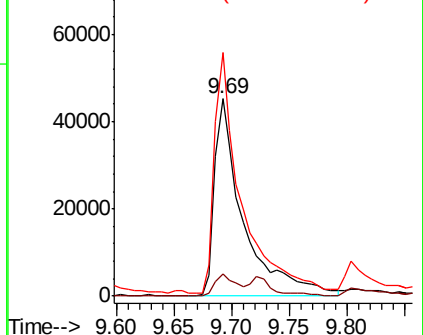
Delta R.T. 0.00 min

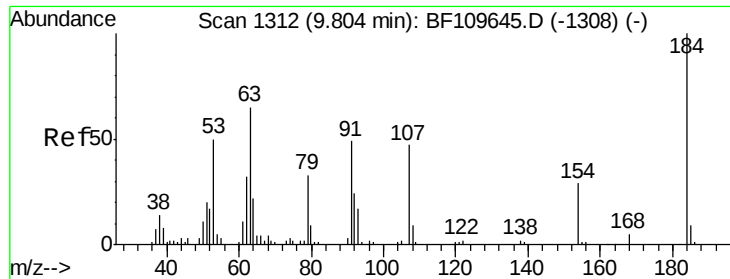
Lab File: BF109871.D

Acq: 13 Oct 2018 8:42

Tgt Ion:	138	Resp:	78113
Ion Ratio	Lower	Upper	
138	100		
108	11.0	8.7	13.1
92	123.6	97.0	145.4

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





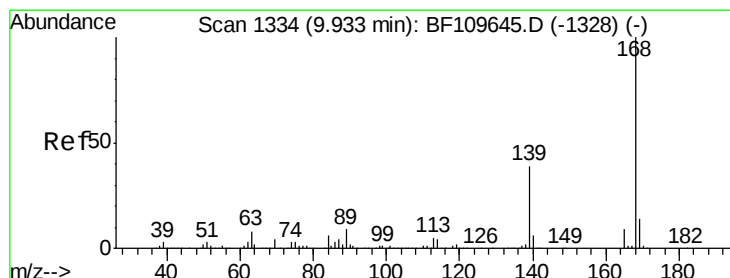
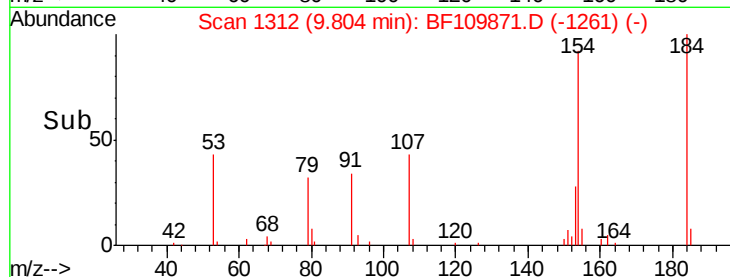
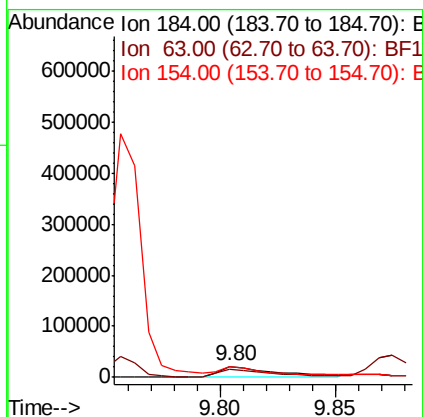
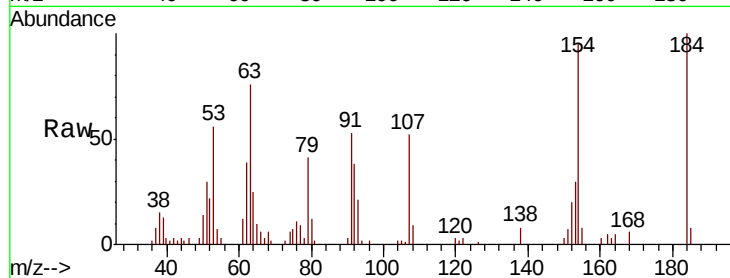
#53
2,4-Dinitrophenol
Concen: 42.215 ng
RT: 9.80 min Scan# 1312
Delta R.T. 0.00 min
Lab File: BF109871.D
Acq: 13 Oct 2018 8:42

Instrument :
BNA_F
ClientSampleId :
PB113699BS

Tot Ion	Ratio	Resp	Lower	Upper
184	100			
63	76.1	55.8	83.6	
154	95.0	63.2	94.8	

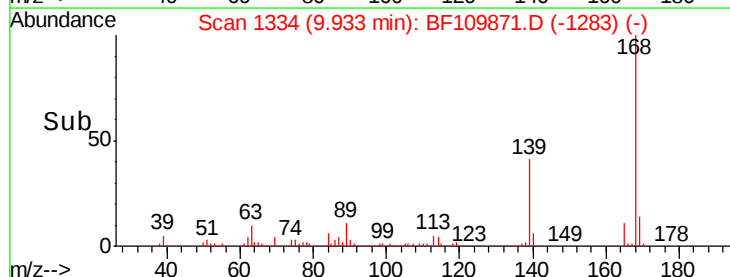
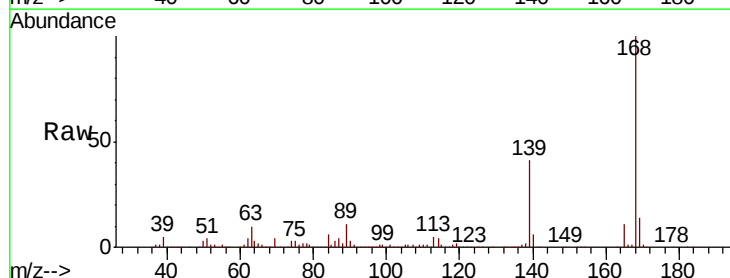
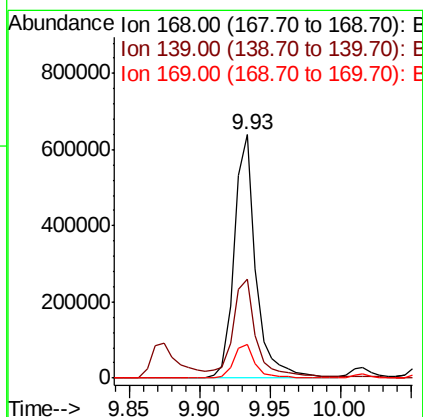
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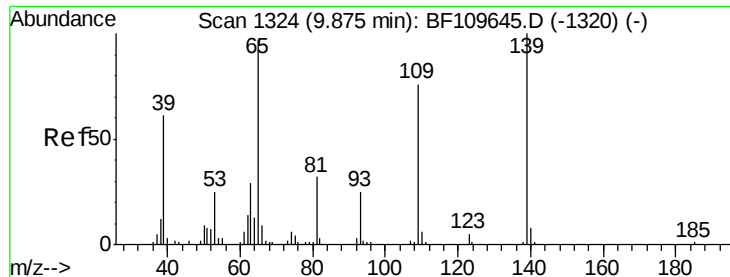
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#54
Dibenzofuran
Concen: 46.625 ng
RT: 9.93 min Scan# 1334
Delta R.T. 0.00 min
Lab File: BF109871.D
Acq: 13 Oct 2018 8:42

Tgt Ion	Ratio	Resp	Lower	Upper
168	100			
139	40.7	33.0	49.6	
169	14.0	11.3	16.9	





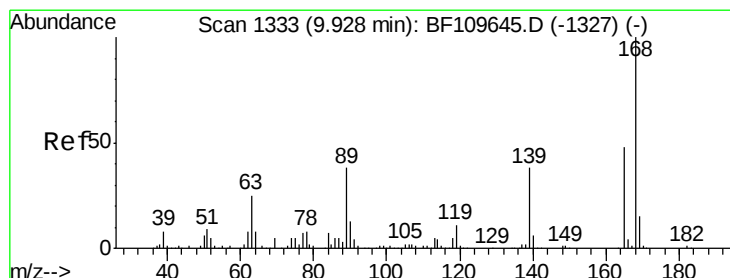
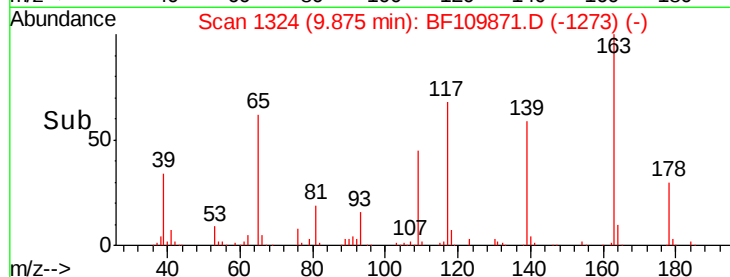
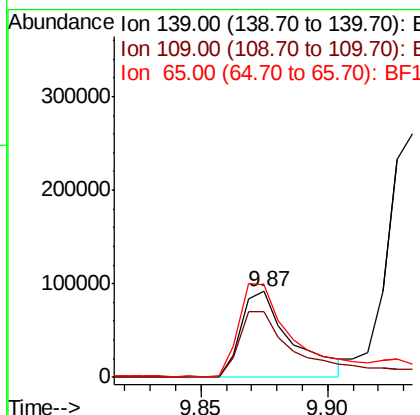
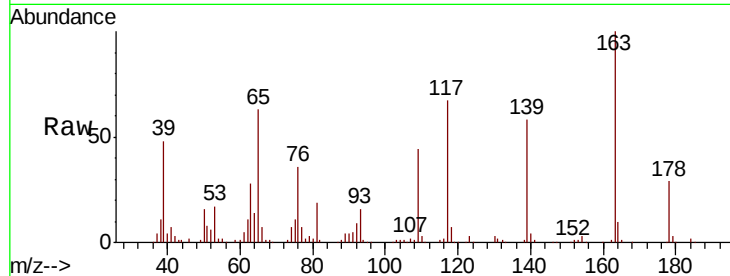
#55
4-Nitrophenol
Concen: 76.549 ng
RT: 9.87 min Scan# 1324
Delta R.T. 0.00 min
Lab File: BF109871.D
Acq: 13 Oct 2018 8:42

Instrument :
BNA_F
ClientSampleId :
PB113699BS

Tot Ion	Ratio	Resp	Lower	Upper
139	100			
109	76.5	55.8	95.8	
65	108.9	77.9	117.9	

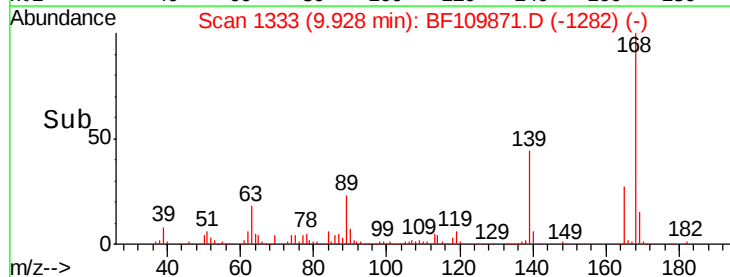
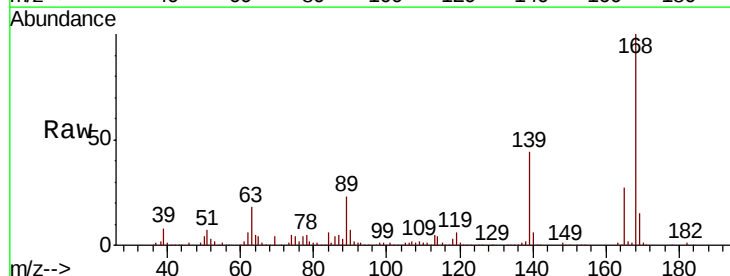
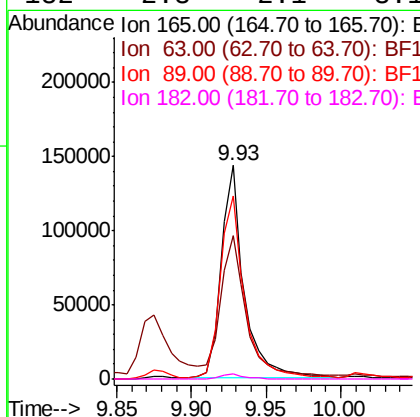
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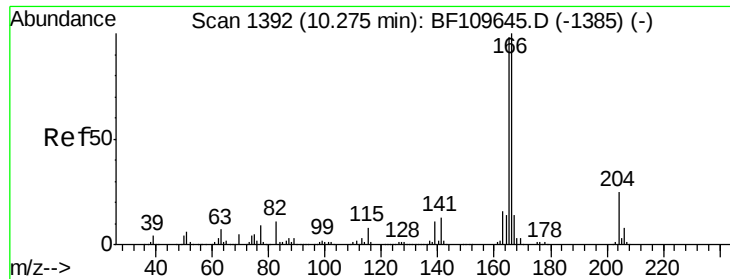
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#56
2,4-Dinitrotoluene
Concen: 46.478 ng
RT: 9.93 min Scan# 1333
Delta R.T. 0.00 min
Lab File: BF109871.D
Acq: 13 Oct 2018 8:42

Tgt Ion	Ratio	Resp	Lower	Upper
165	100			
63	67.3	44.8	67.2#	
89	85.4	62.2	93.4	
182	2.3	2.1	3.1	





#57

Fluorene

Concen: 48.363 ng

RT: 10.27 min Scan# 1392

Delta R.T. 0.00 min

Lab File: BF109871.D

Acq: 13 Oct 2018 8:42

Instrument :

BNA_F

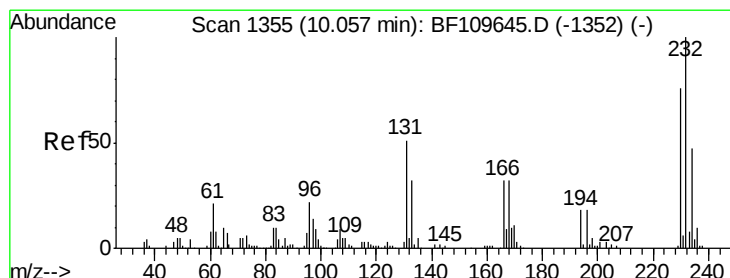
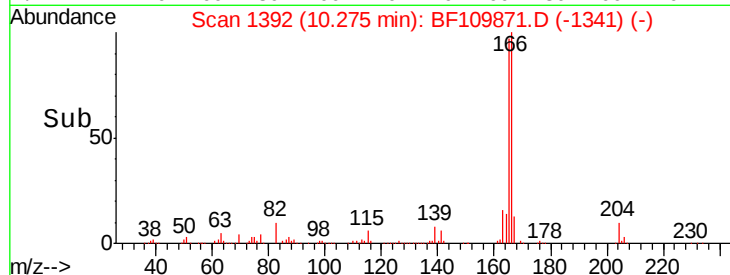
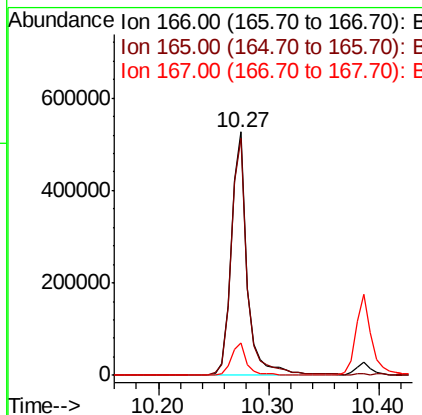
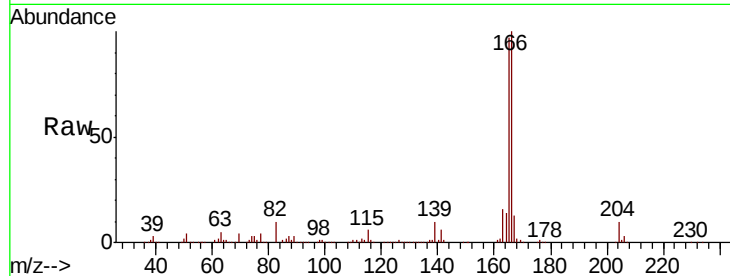
ClientSampleId :

PB113699BS

Tot Ion:	166	Resp:	531577
Ion Ratio	Lower	Upper	
166	100		
165	97.4	78.6	117.8
167	13.1	10.8	16.2

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#58

2,3,4,6-Tetrachlorophenol

Concen: 49.114 ng

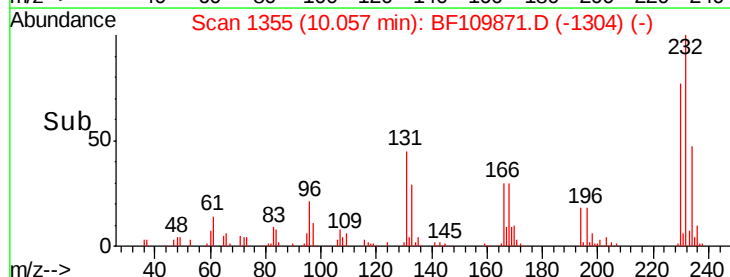
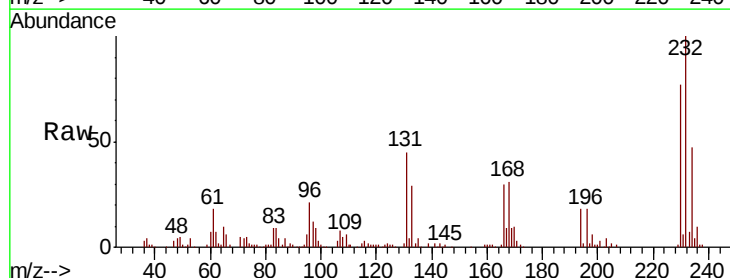
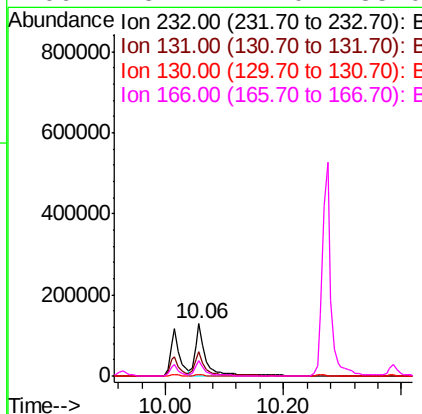
RT: 10.06 min Scan# 1355

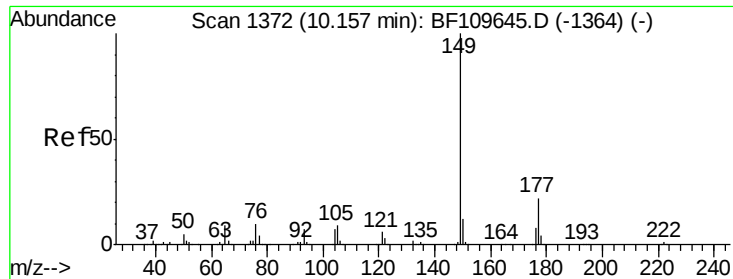
Delta R.T. 0.00 min

Lab File: BF109871.D

Acq: 13 Oct 2018 8:42

Tgt Ion:	232	Resp:	158570
Ion Ratio	Lower	Upper	
232	100		
131	40.3	37.0	55.4
130	2.0	1.8	2.6
166	25.7	22.0	33.0





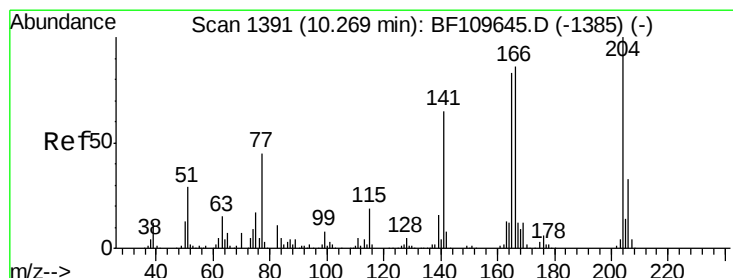
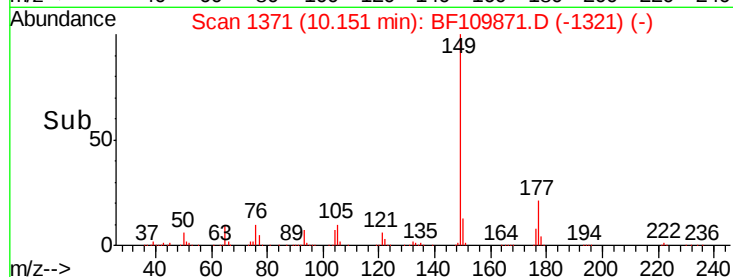
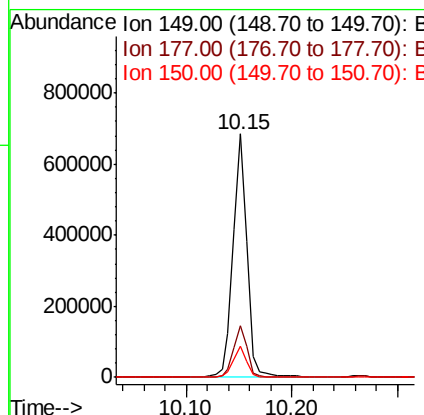
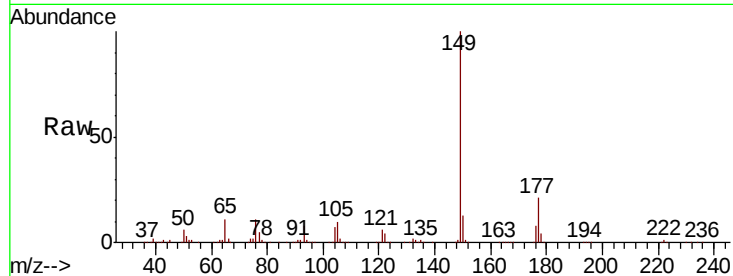
#59
Diethylphthalate
Concen: 50.648 ng
RT: 10.15 min Scan# 1371
Delta R.T. -0.01 min
Lab File: BF109871.D
Acq: 13 Oct 2018 8:42

Instrument :
BNA_F
ClientSampleId :
PB113699BS

Tot Ion	Ratio	Lower	Upper
149	100		
177	21.3	17.4	26.2
150	12.5	9.8	14.8

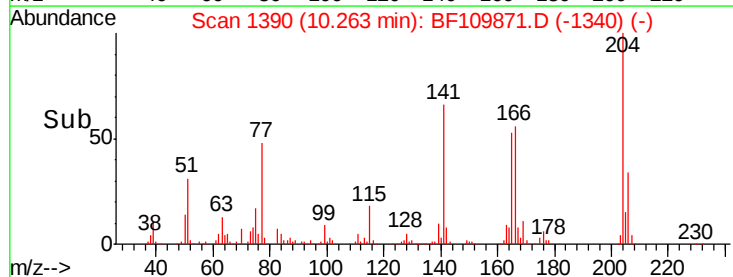
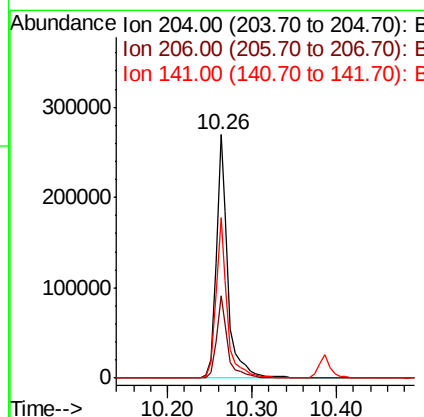
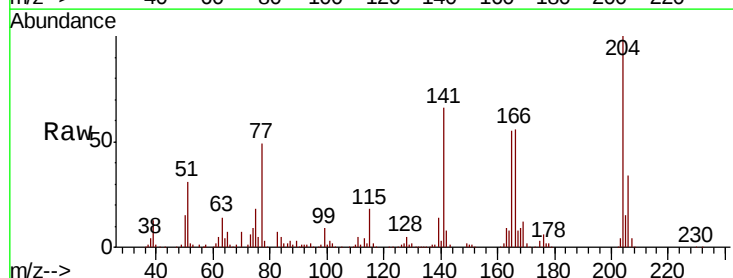
Manual Integrations
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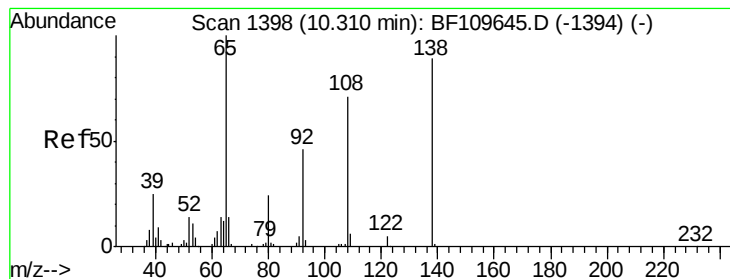
Sohil
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#60
4-Chlorophenyl-phenylether
Concen: 45.841 ng
RT: 10.26 min Scan# 1390
Delta R.T. -0.01 min
Lab File: BF109871.D
Acq: 13 Oct 2018 8:42

Tgt Ion	Ratio	Lower	Upper
204	100		
206	34.0	26.5	39.7
141	66.0	51.8	77.8





#61

4-Nitroaniline

Concen: 37.978 ng

RT: 10.30 min Scan# 1397

Delta R.T. -0.01 min

Lab File: BF109871.D

Acq: 13 Oct 2018 8:42

Instrument :

BNA_F

ClientSampleId :

PB113699BS

Tot Ion: 138 Resp: 106399

Ion Ratio Lower Upper

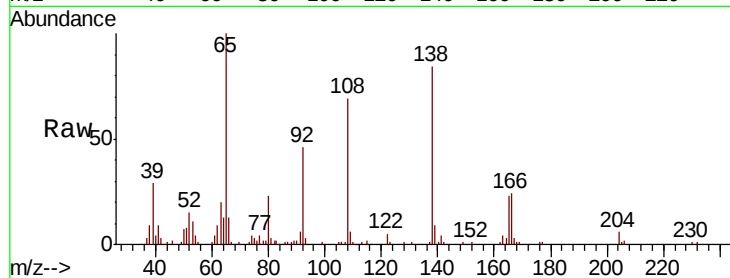
138 100

92 54.4 31.7 71.7

108 82.6 59.3 99.3

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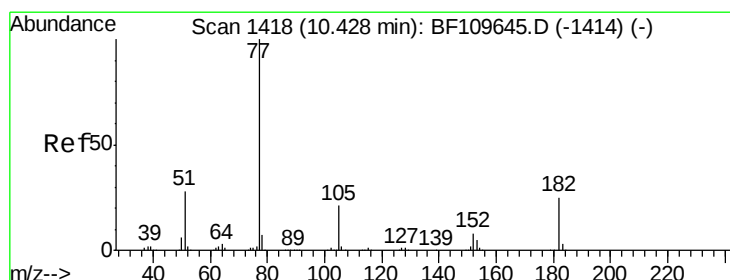
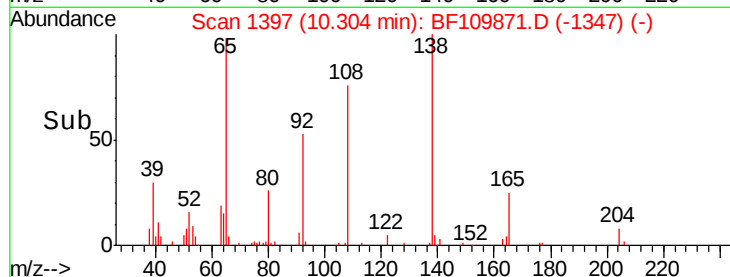
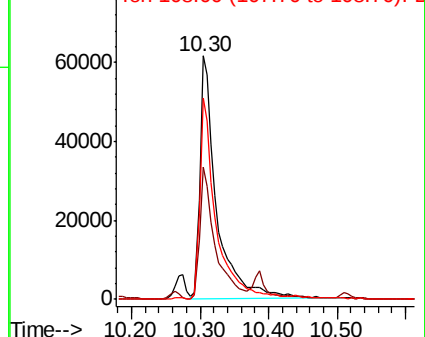


Abundance

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: 47.677 ng

RT: 10.42 min Scan# 1417

Delta R.T. -0.01 min

Lab File: BF109871.D

Acq: 13 Oct 2018 8:42

Tgt Ion: 77 Resp: 597221

Ion Ratio Lower Upper

77 100

182 22.0 4.3 44.3

105 20.7 1.3 41.3

51 29.2 9.0 49.0

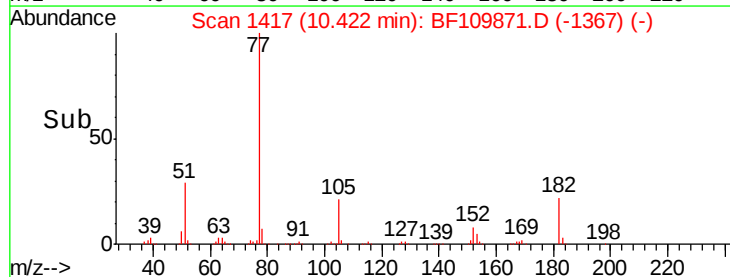
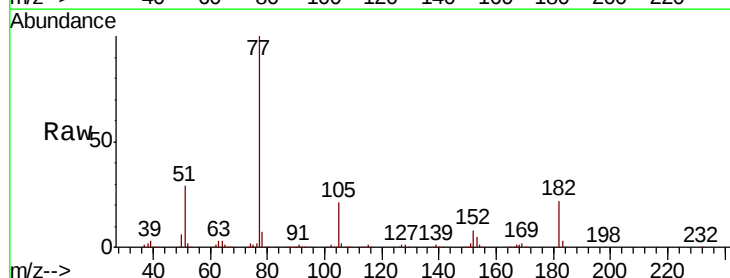
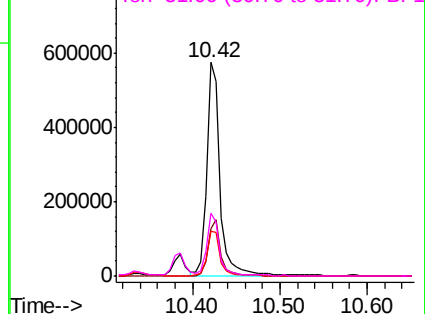
Abundance

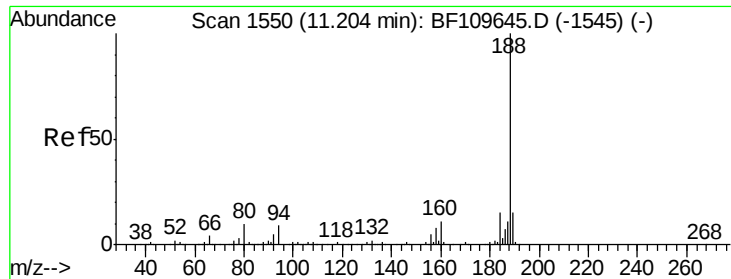
Ion 77.00 (76.70 to 77.70): BF1

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: BF109871.D

Acq: 13 Oct 2018 8:42

Instrument :

BNA_F

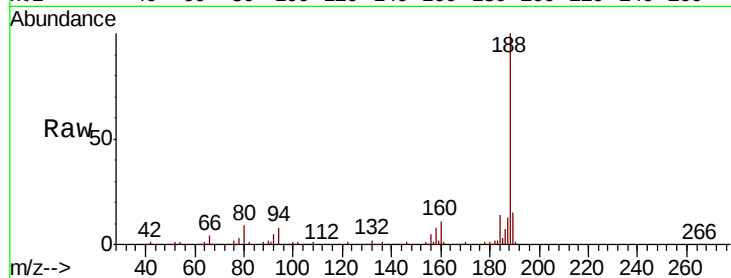
ClientSampleId :

PB113699BS

Tot Ion:	188	Resp:	264334
Ion Ratio	Lower	Upper	
188	100		
94	8.2	7.2	10.8
80	9.2	7.9	11.9

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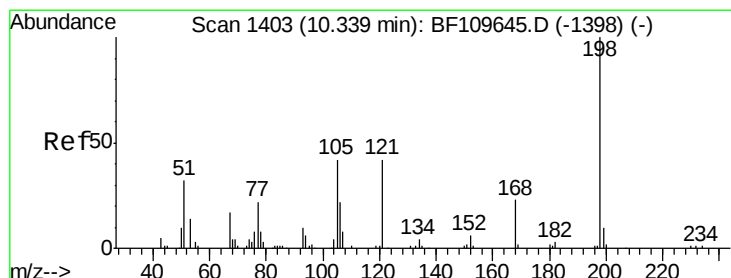
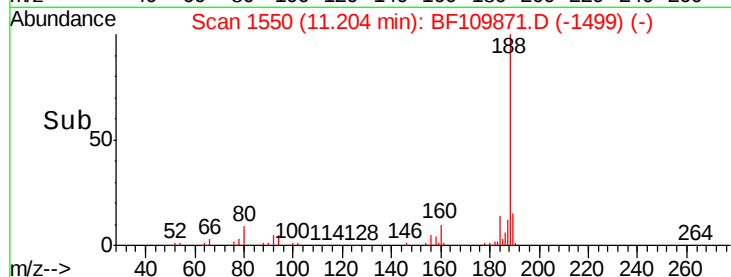
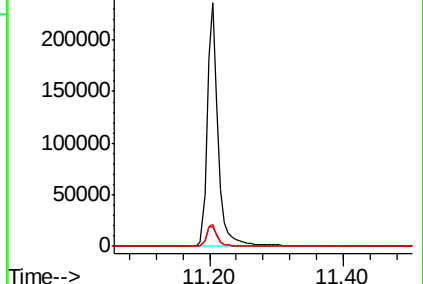
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Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1



#64

4,6-Dinitro-2-methylphenol

Concen: 27.160 ng

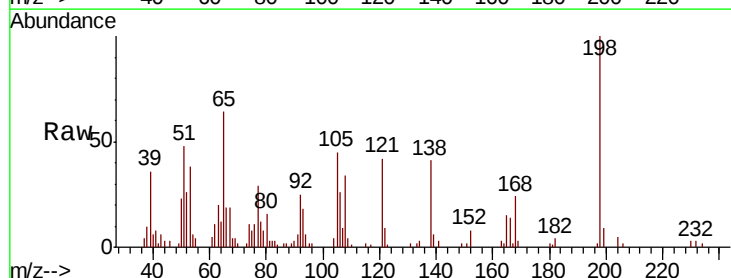
RT: 10.34 min Scan# 1403

Delta R.T. 0.00 min

Lab File: BF109871.D

Acq: 13 Oct 2018 8:42

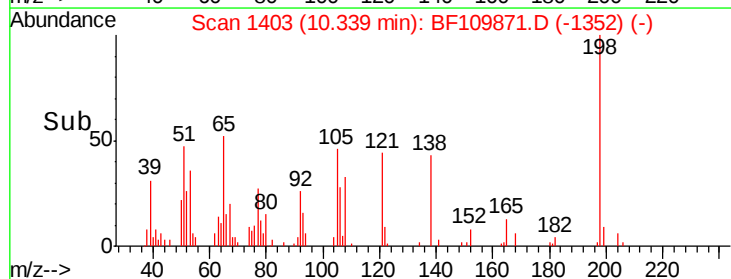
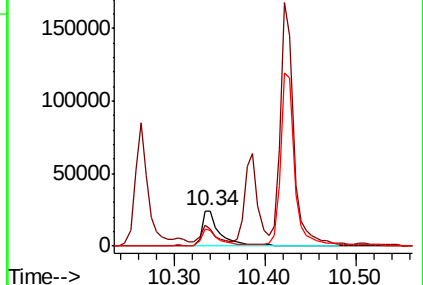
Tgt Ion:	198	Resp:	34944
Ion Ratio	Lower	Upper	
198	100		
51	48.2	22.8	62.8
105	44.6	23.6	63.6

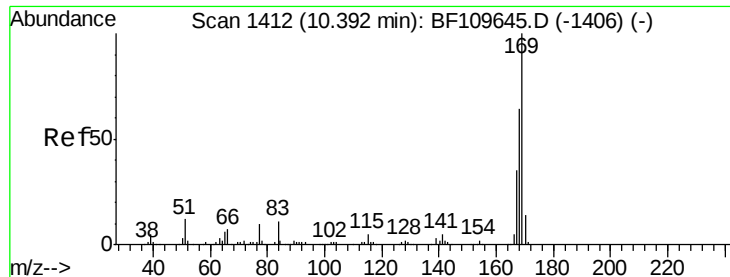


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF1

Ion 105.00 (104.70 to 105.70): E





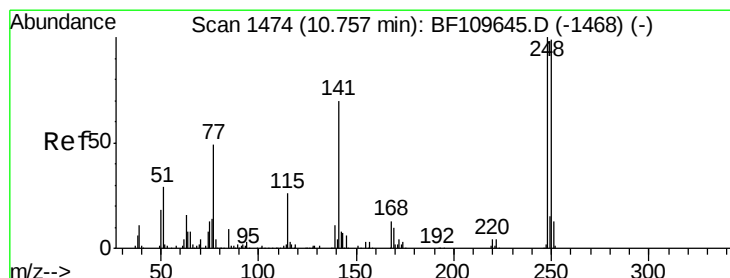
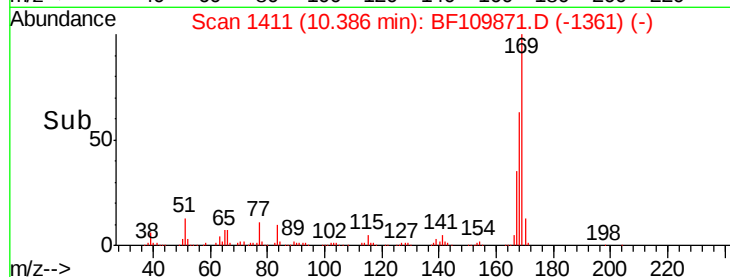
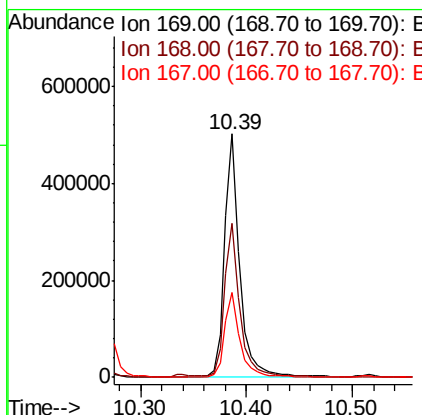
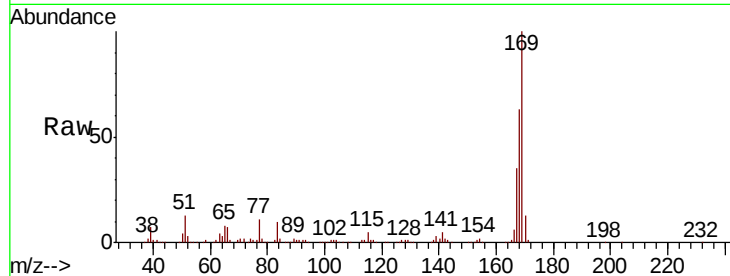
#65
n-Nitrosodiphenylamine
Concen: 56.052 ng
RT: 10.39 min Scan# 1411
Delta R.T. -0.01 min
Lab File: BF109871.D
Acq: 13 Oct 2018 8:42

Instrument :
BNA_F
ClientSampleId :
PB113699BS

Tot Ion	Ratio	Resp	Lower	Upper
169	100	502277		
168	63.2		51.2	76.8
167	34.7		27.8	41.6

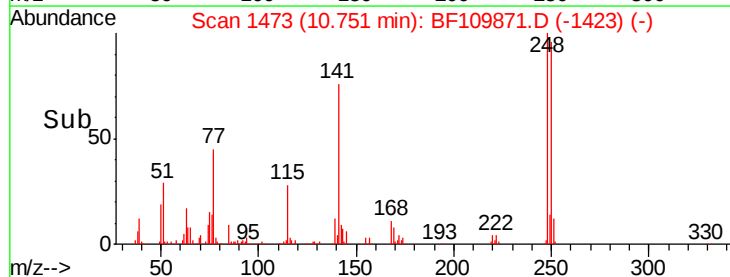
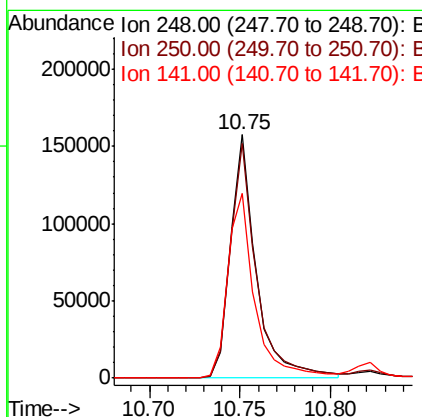
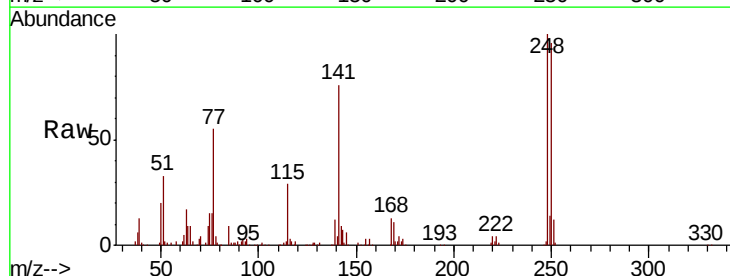
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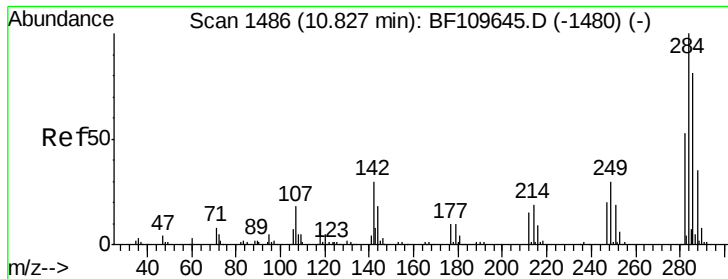
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#66
4-Bromophenyl-phenylether
Concen: 51.895 ng
RT: 10.75 min Scan# 1473
Delta R.T. -0.01 min
Lab File: BF109871.D
Acq: 13 Oct 2018 8:42

Tgt Ion	Ratio	Resp	Lower	Upper
248	100	157616		
250	96.5		79.4	119.2
141	76.0		55.9	83.9





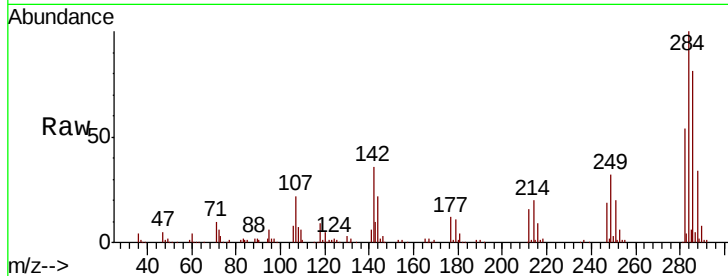
#67
Hexachlorobenzene
Concen: 47.537 ng
RT: 10.82 min Scan# 1485
Delta R.T. -0.01 min
Lab File: BF109871.D
Acq: 13 Oct 2018 8:42

Instrument :
BNA_F
ClientSampleId :
PB113699BS

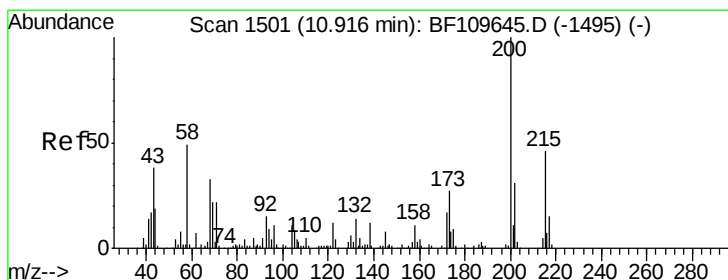
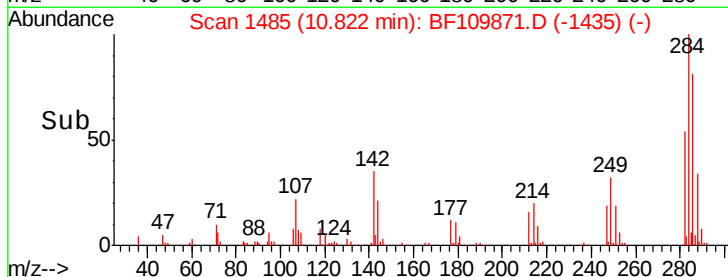
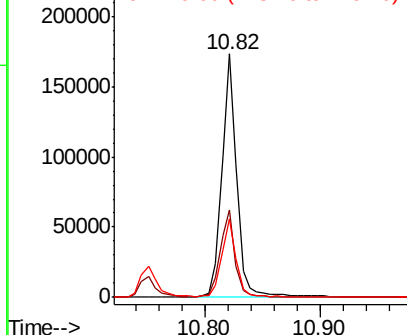
Tot Ion	Ratio	Resp	Lower	Upper
284	100	156345		
142	36.0	23.9	35.9	
249	32.1	24.2	36.2	

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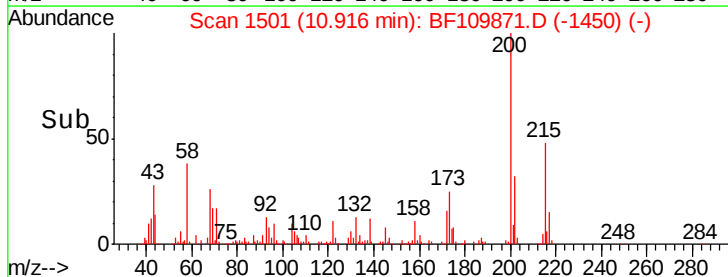
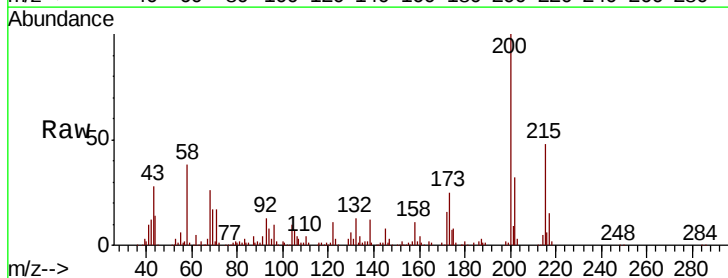
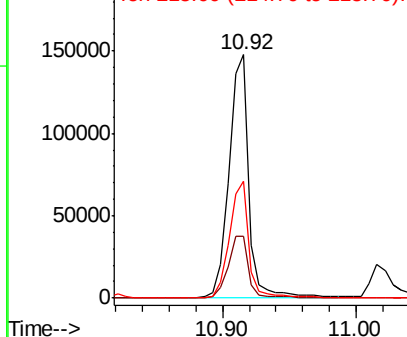
Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

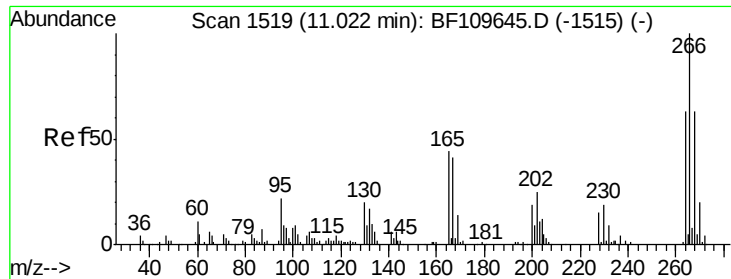


#68
Atrazine
Concen: 55.533 ng
RT: 10.92 min Scan# 1501
Delta R.T. 0.00 min
Lab File: BF109871.D
Acq: 13 Oct 2018 8:42

Tgt Ion	Ratio	Resp	Lower	Upper
200	100	155302		
173	25.3	6.6	46.6	
215	47.8	26.3	66.3	

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





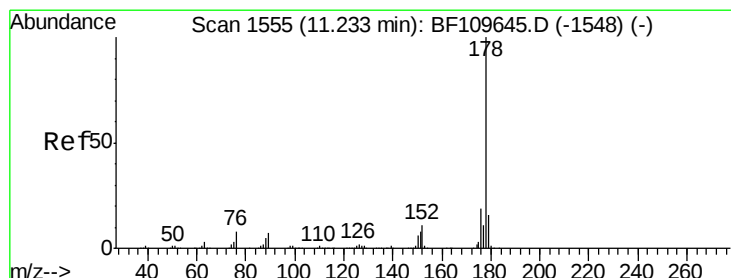
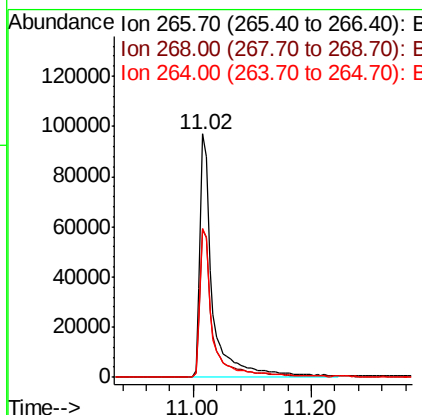
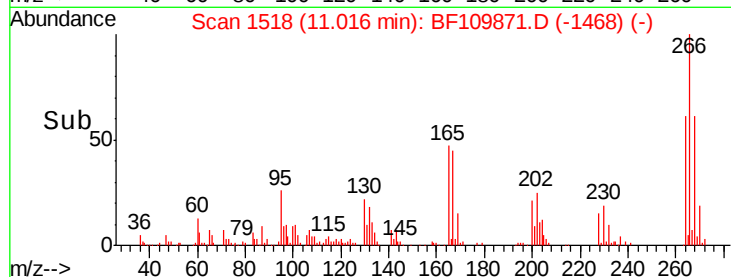
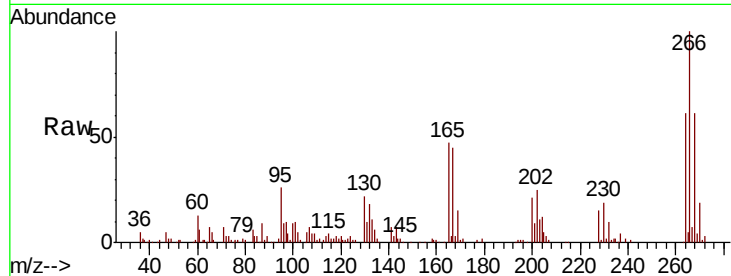
#69
 Pentachlorophenol
 Concen: 78.287 ng
 RT: 11.02 min Scan# 1518
 Delta R.T. -0.01 min
 Lab File: BF109871.D
 Acq: 13 Oct 2018 8:42

Instrument :
 BNA_F
 ClientSampleId :
 PB113699BS

Tot Ion	Ratio	Lower	Upper
266	100		
268	60.8	50.6	75.8
264	61.0	50.6	75.8

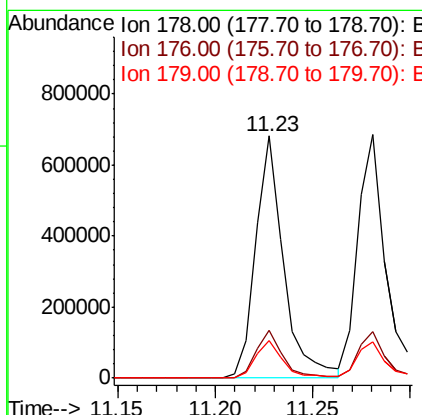
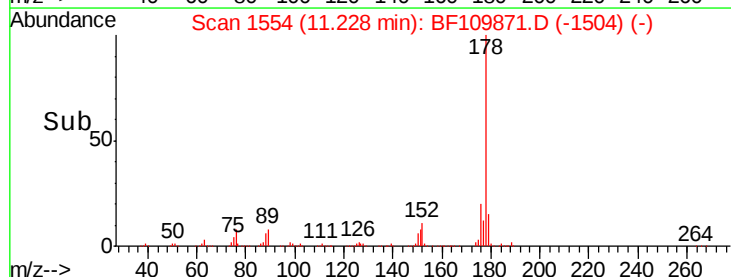
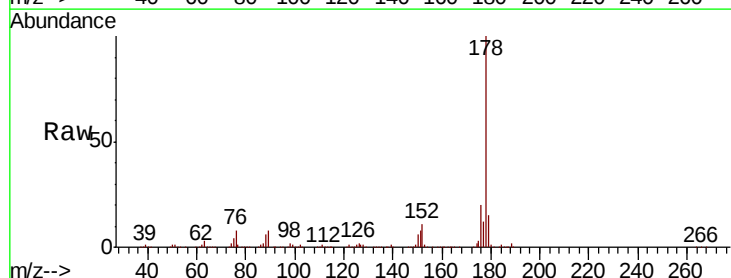
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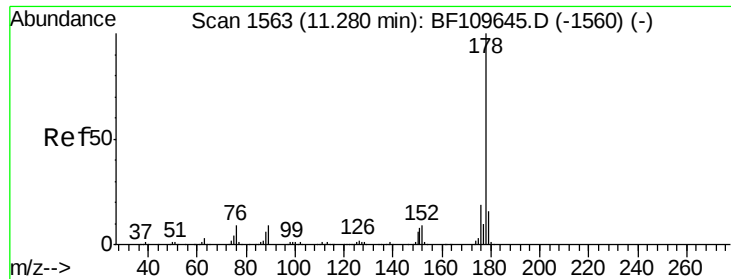
Sohil
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#70
 Phenanthrene
 Concen: 51.474 ng
 RT: 11.23 min Scan# 1554
 Delta R.T. -0.01 min
 Lab File: BF109871.D
 Acq: 13 Oct 2018 8:42

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.6	15.5	23.3
179	15.4	12.5	18.7





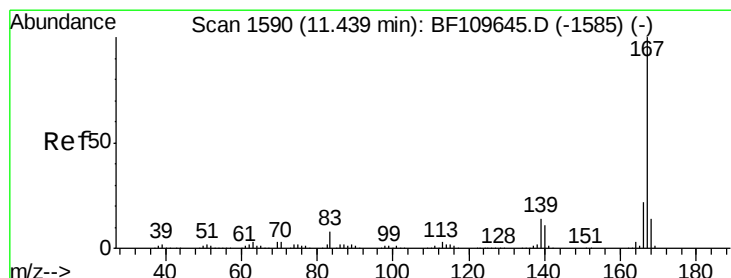
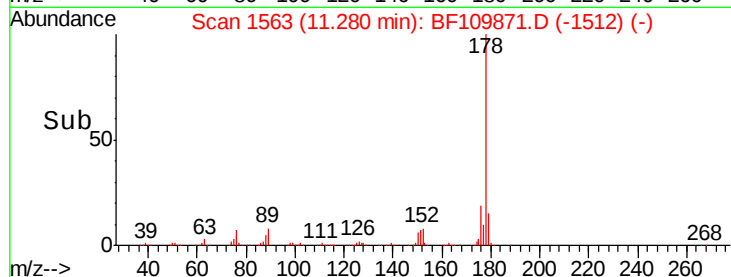
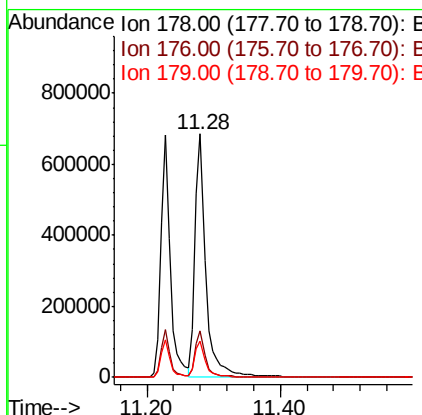
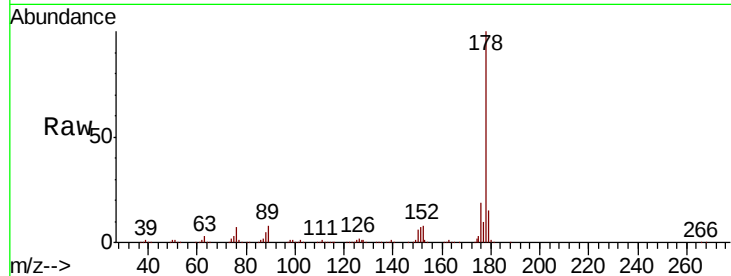
#71
 Anthracene
 Concen: 54.333 ng
 RT: 11.28 min Scan# 1563
 Delta R.T. 0.00 min
 Lab File: BF109871.D
 Acq: 13 Oct 2018 8:42

Instrument :
 BNA_F
 ClientSampleId :
 PB113699BS

Tot Ion	Ratio	Lower	Upper
178	100		
176	18.9	15.4	23.2
179	15.1	12.6	18.8

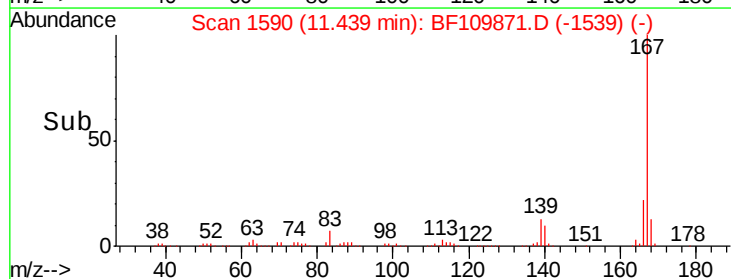
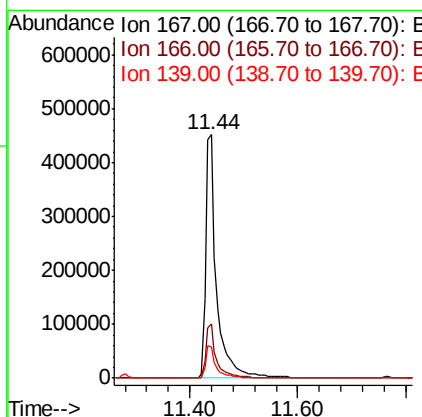
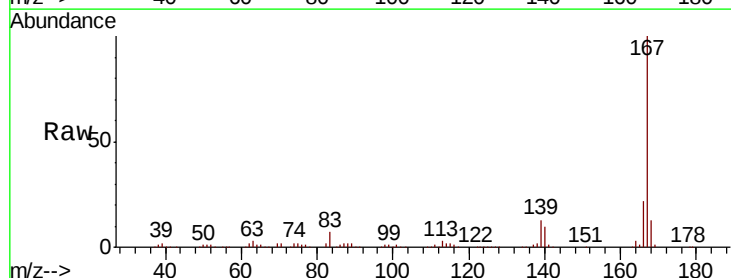
Manual Integrations
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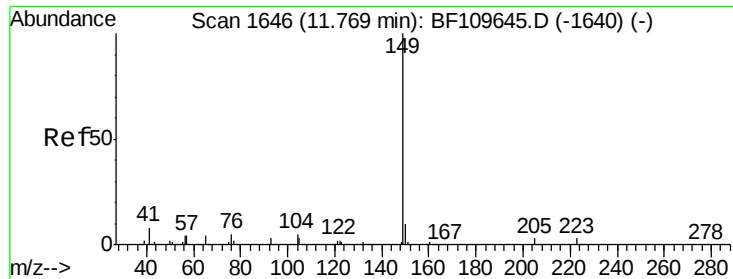
Sohil
 10/15/2018 10:28:52 AM



#72
 Carbazole
 Concen: 47.639 ng
 RT: 11.44 min Scan# 1590
 Delta R.T. 0.00 min
 Lab File: BF109871.D
 Acq: 13 Oct 2018 8:42

Tgt Ion	Ratio	Lower	Upper
167	100		
166	22.4	17.4	26.0
139	13.0	10.9	16.3





#73

Di-n-butylphthalate

Concen: 54.516 ng

RT: 11.76 min Scan# 1645

Delta R.T. -0.01 min

Lab File: BF109871.D

Acq: 13 Oct 2018 8:42

Instrument :

BNA_F

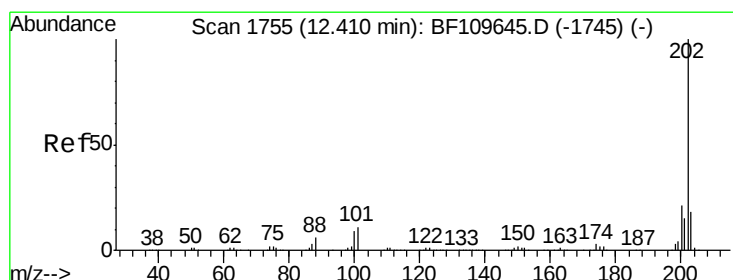
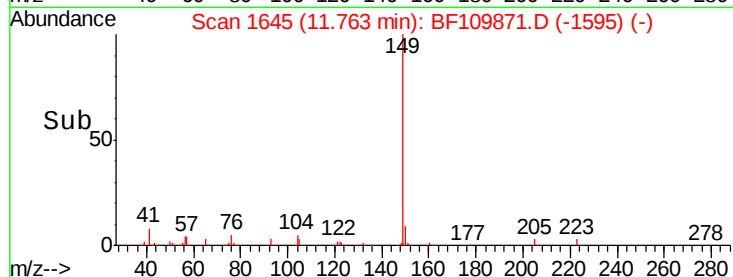
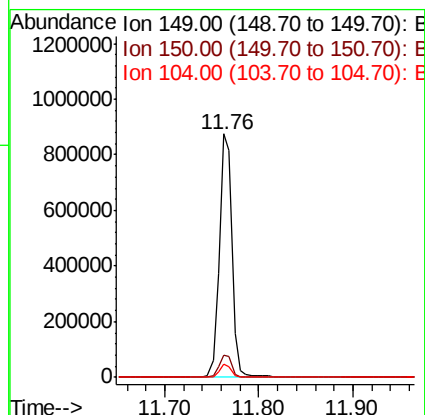
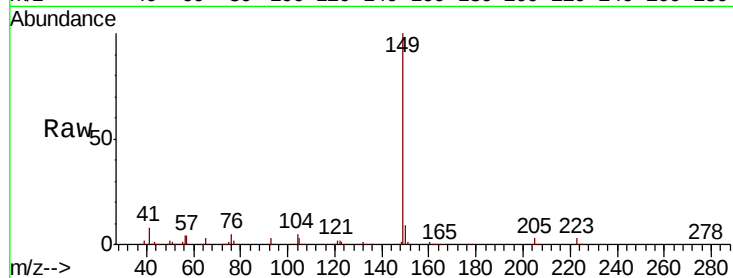
ClientSampleId :

PB113699BS

Tot Ion:	149	Resp:	838588
Ion Ratio	Lower	Upper	
149	100		
150	9.3	7.7	11.5
104	5.4	4.2	6.4

Manual Integrations
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#74

Fluoranthene

Concen: 47.510 ng

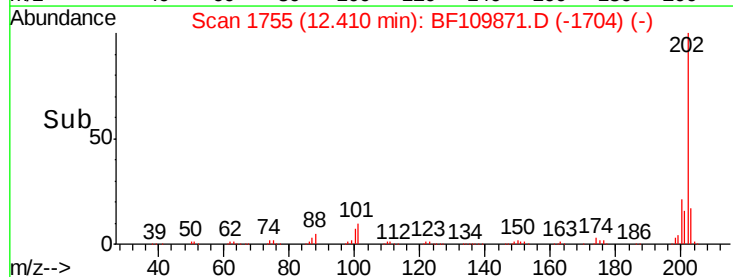
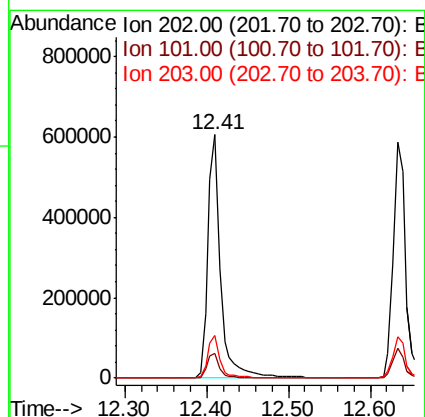
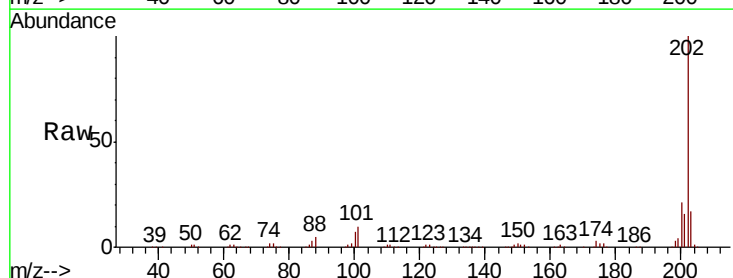
RT: 12.41 min Scan# 1755

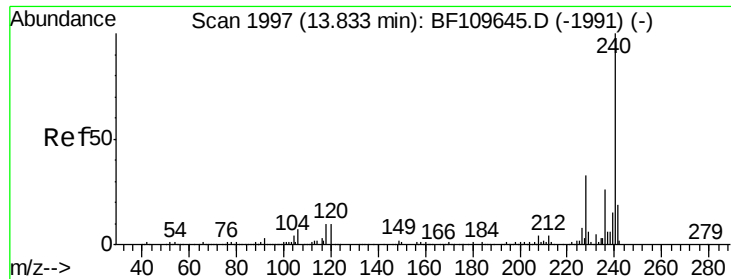
Delta R.T. 0.00 min

Lab File: BF109871.D

Acq: 13 Oct 2018 8:42

Tgt Ion:	202	Resp:	656558
Ion Ratio	Lower	Upper	
202	100		
101	10.1	0.0	31.4
203	17.5	0.0	37.7





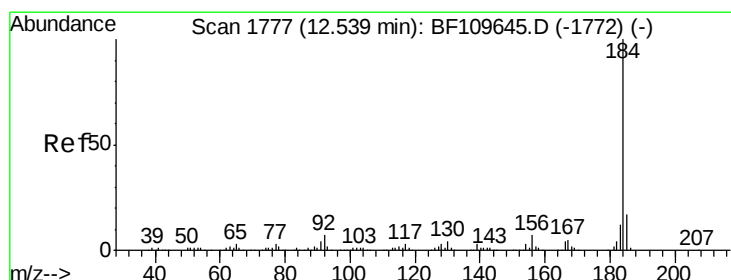
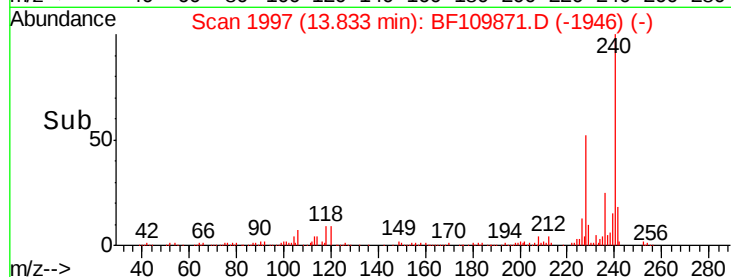
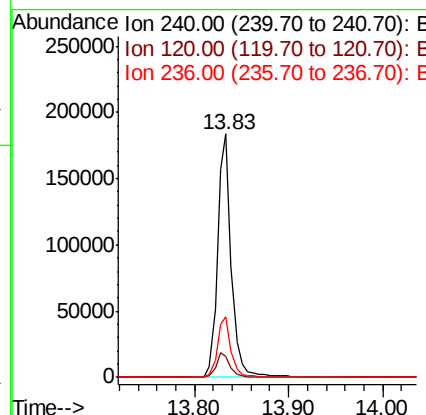
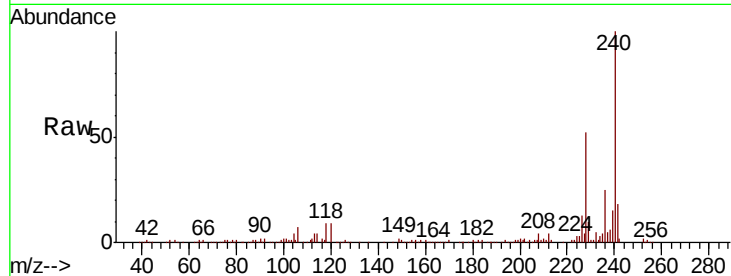
#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.83 min Scan# 1997
Delta R.T. 0.00 min
Lab File: BF109871.D
Acq: 13 Oct 2018 8:42

Instrument :
BNA_F
ClientSampled :
PB113699BS

Tot Ion	Ratio	Resp	Lower	Upper
240	100	190437		
120	8.8		8.3	12.5
236	24.8		21.2	31.8

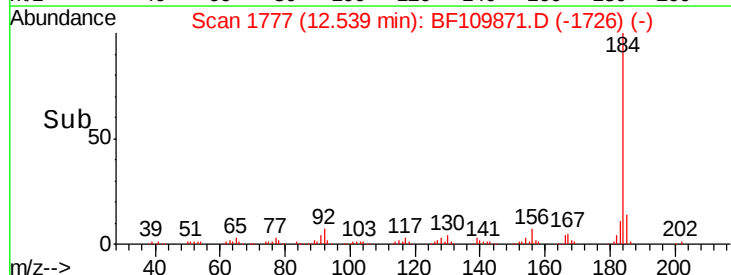
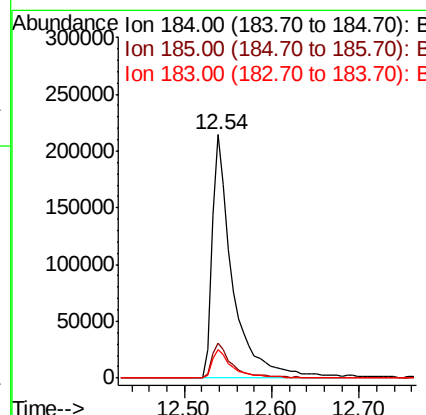
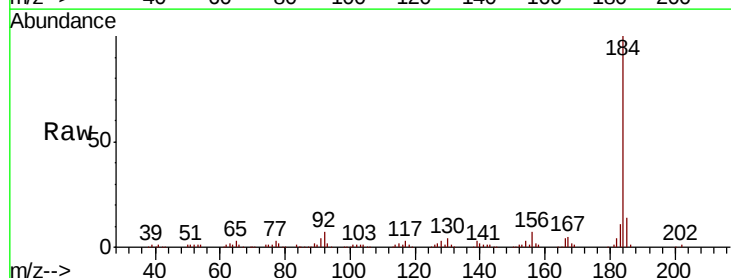
Manual Integrations
APPROVED

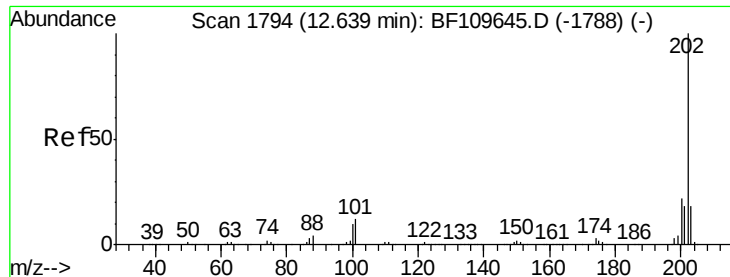
Sohil
10/15/2018 10:28:52 AM



#76
Benzidine
Concen: 49.415 ng
RT: 12.54 min Scan# 1777
Delta R.T. 0.00 min
Lab File: BF109871.D
Acq: 13 Oct 2018 8:42

Tgt Ion	Ratio	Resp	Lower	Upper
184	100	349574		
185	14.2		13.4	20.2
183	11.5		9.4	14.2





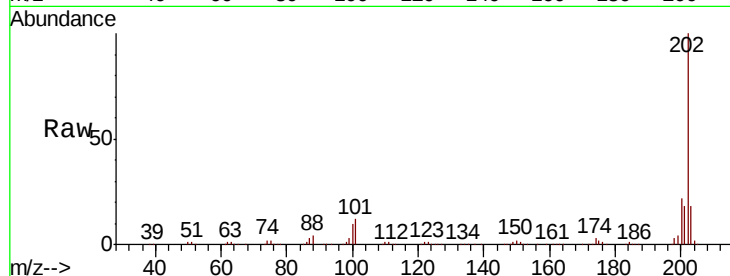
#77
Pvrene
Concen: 45.882 ng
RT: 12.63 min Scan# 1793
Delta R.T. -0.01 min
Lab File: BF109871.D
Acq: 13 Oct 2018 8:42

Instrument :
BNA_F
ClientSampleId :
PB113699BS

Tot Ion	Ratio	Resp Lower	Upper
202	100		
200	21.7	17.8	26.6
203	17.7	14.2	21.4

Manual Integrations
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Sohil
10/15/2018 10:28:52 AM

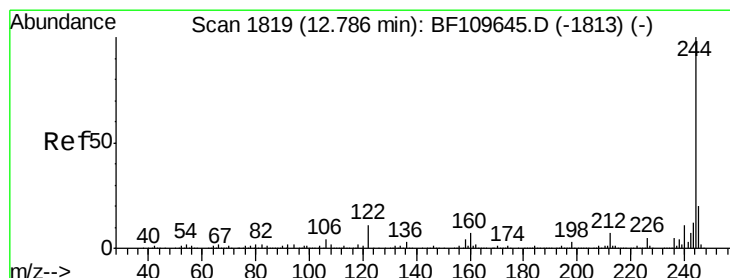
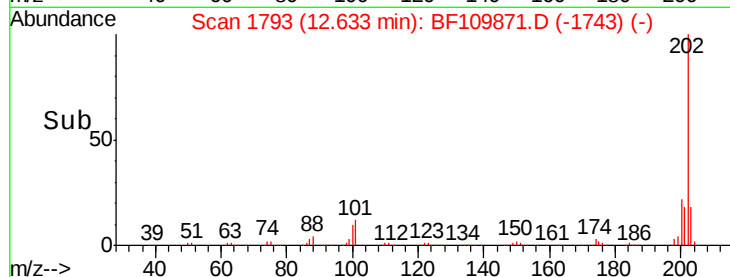
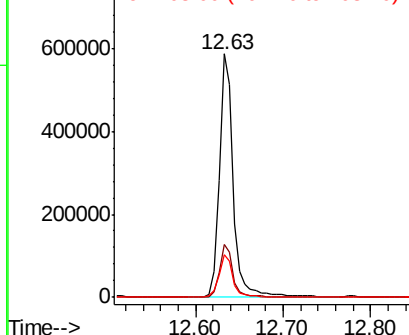


Abundance

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: 89.470 ng
RT: 12.78 min Scan# 1818
Delta R.T. -0.01 min
Lab File: BF109871.D
Acq: 13 Oct 2018 8:42

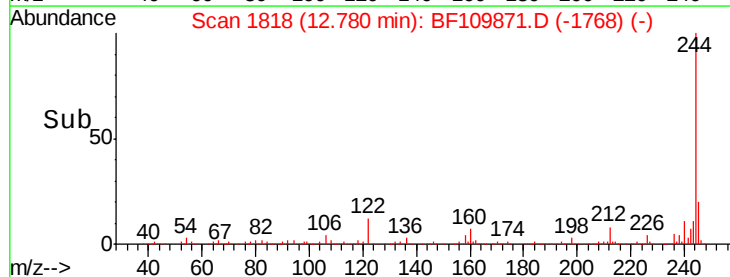
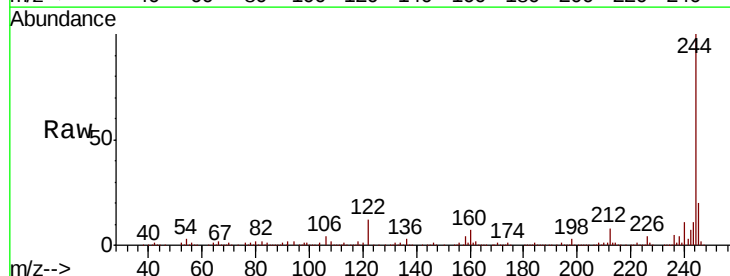
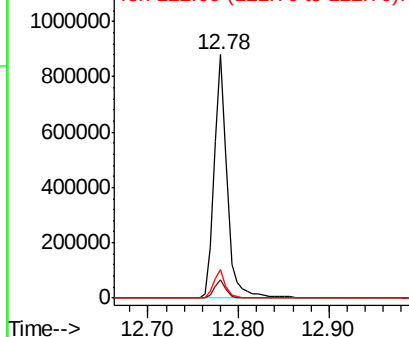
Tgt Ion	Ratio	Resp Lower	Upper
244	100		
212	7.7	5.8	8.8
122	11.5	8.7	13.1

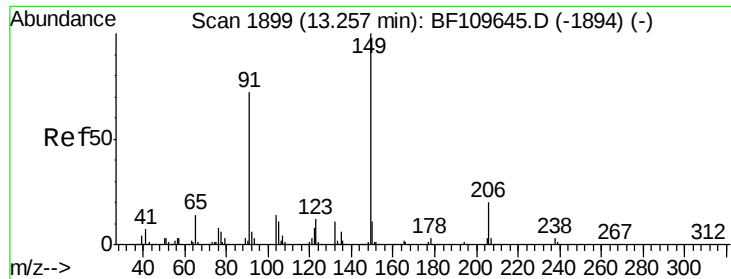
Abundance

Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





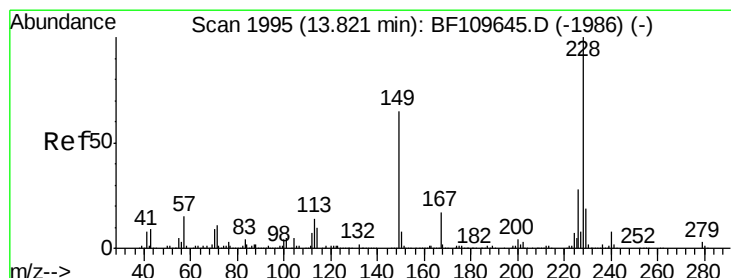
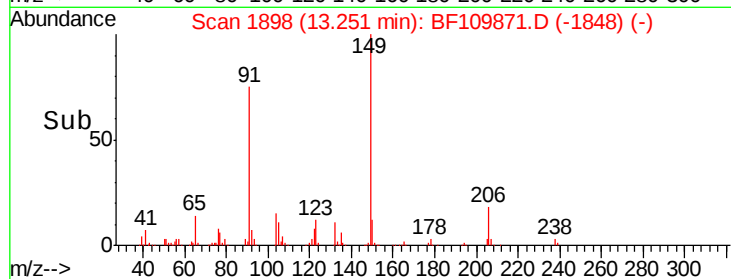
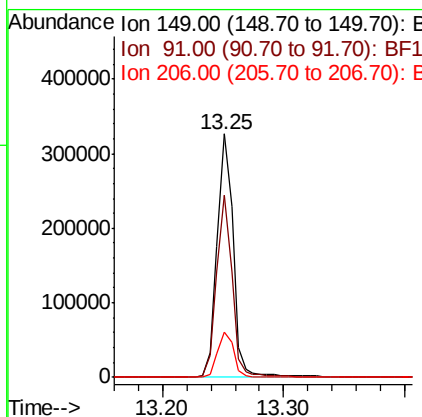
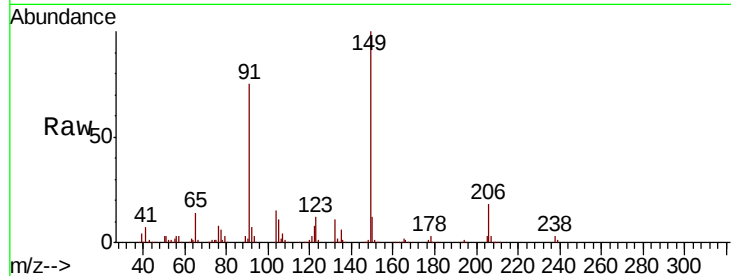
#79
Butylbenzylphthalate
Concen: 49.547 ng
RT: 13.25 min Scan# 1898
Delta R.T. -0.01 min
Lab File: BF109871.D
Acq: 13 Oct 2018 8:42

Instrument :
BNA_F
ClientSampleId :
PB113699BS

Tot Ion	Ratio	Resp	Lower	Upper
149	100	299721		
91	74.8	57.2	85.8	
206	18.3	15.7	23.5	

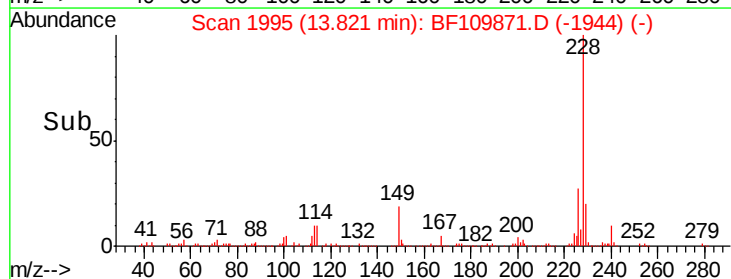
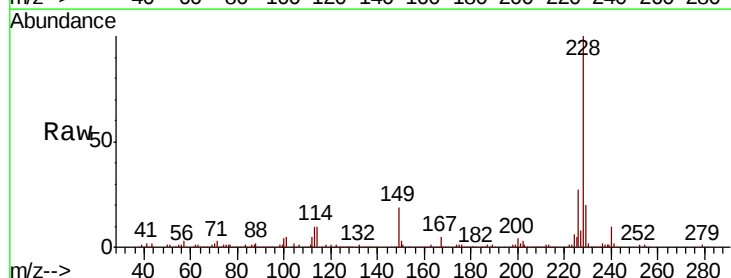
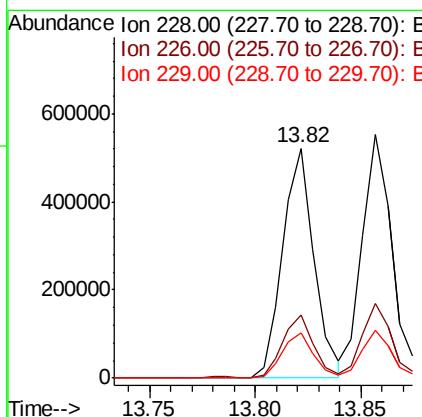
Manual Integrations
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#80
Benzo(a)anthracene
Concen: 51.695 ng
RT: 13.82 min Scan# 1995
Delta R.T. 0.00 min
Lab File: BF109871.D
Acq: 13 Oct 2018 8:42

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	543265		
226	27.3	22.1	33.1	
229	19.6	15.6	23.4	





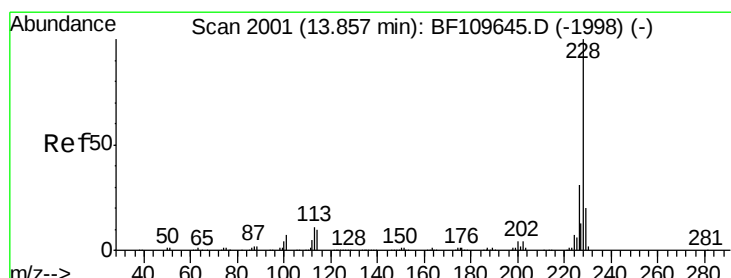
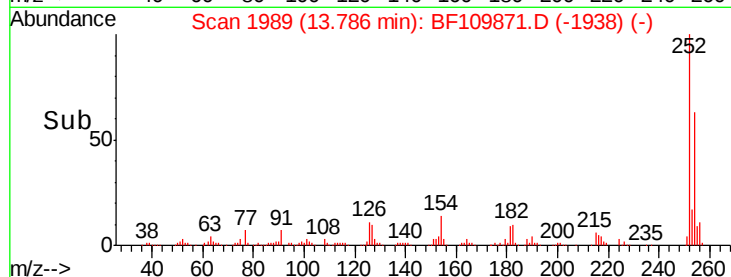
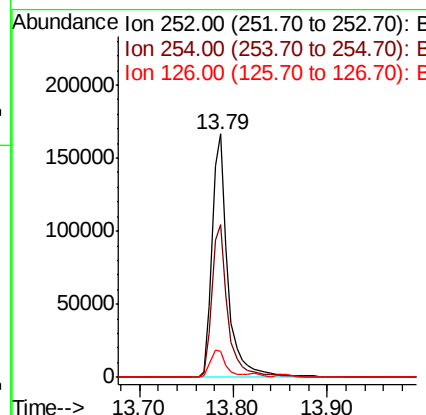
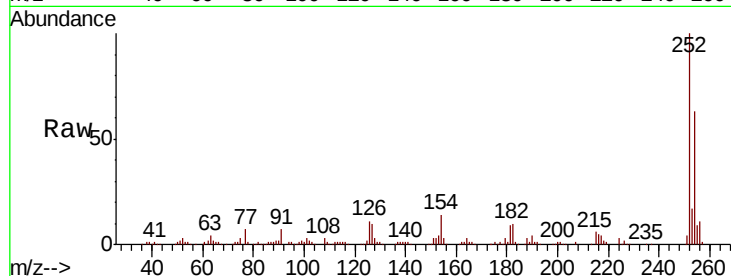
#81
 3,3'-Dichlorobenzidine
 Concen: 46.822 ng
 RT: 13.79 min Scan# 1989
 Delta R.T. 0.00 min
 Lab File: BF109871.D
 Acq: 13 Oct 2018 8:42

Instrument :
 BNA_F
 ClientSampleId :
 PB113699BS

Tot Ion	Ratio	Resp	Lower	Upper
252	100	198128		
254	62.7	51.3	76.9	
126	10.7	9.4	14.2	

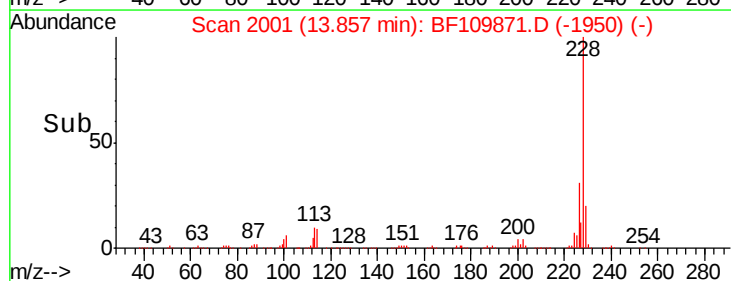
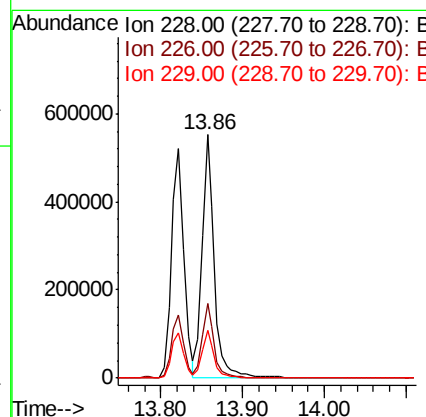
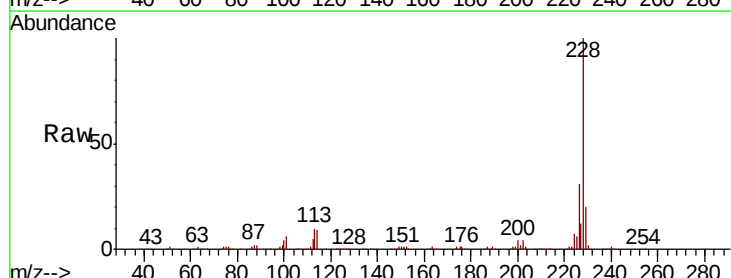
Manual Integrations
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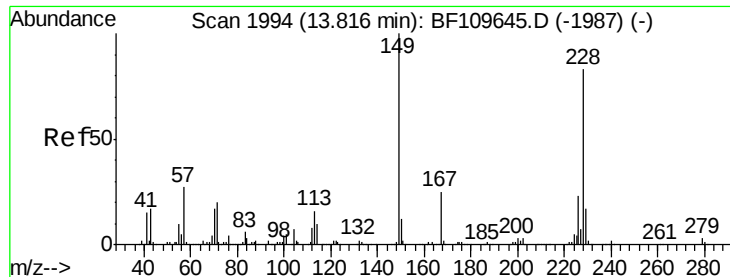
Sohil
 10/15/2018 10:28:52 AM



#82
 Chrysene
 Concen: 52.466 ng
 RT: 13.86 min Scan# 2001
 Delta R.T. 0.00 min
 Lab File: BF109871.D
 Acq: 13 Oct 2018 8:42

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	579151		
226	30.9	24.7	37.1	
229	19.6	15.9	23.9	





#83

Bis(2-ethylhexyl)phthalate

Concen: 52.727 ng

RT: 13.81 min Scan# 1993

Delta R.T. -0.01 min

Lab File: BF109871.D

Acq: 13 Oct 2018 8:42

Instrument :

BNA_F

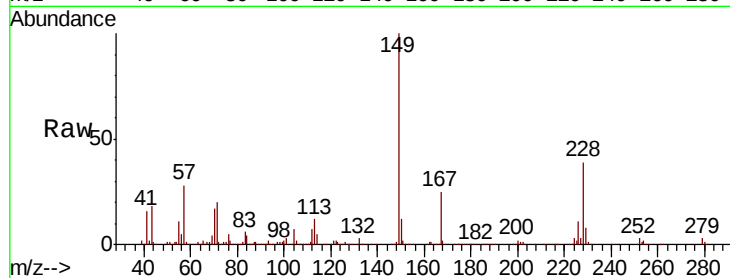
ClientSampleId :

PB113699BS

Tot Ion:	149	Resp:	389140
Ion Ratio	Lower	Upper	
149	100		
167	25.5	19.8	29.8
279	3.3	2.7	4.1

Manual Integrations
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Sohil
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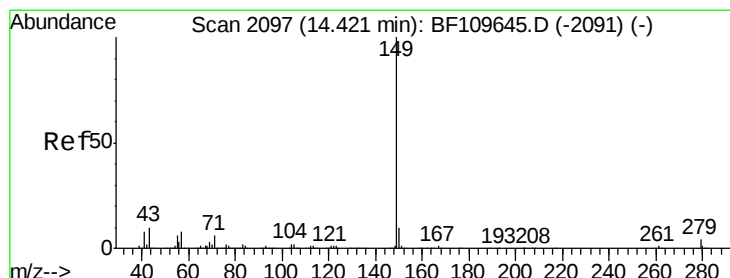
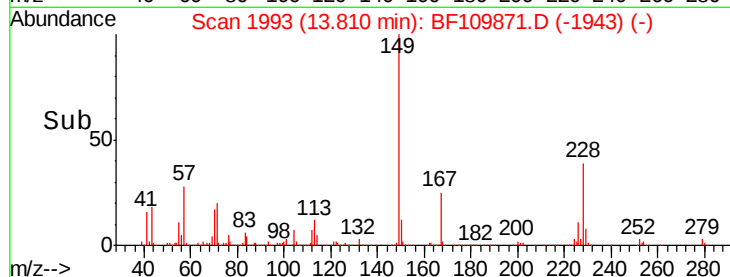
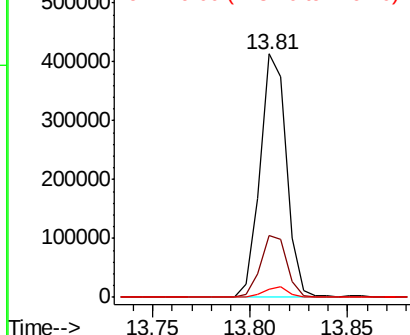


Abundance

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: 59.275 ng

RT: 14.42 min Scan# 2097

Delta R.T. 0.00 min

Lab File: BF109871.D

Acq: 13 Oct 2018 8:42

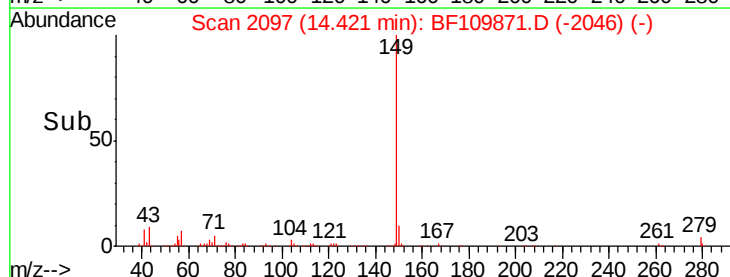
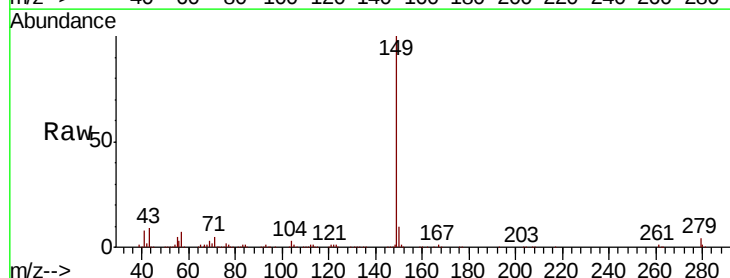
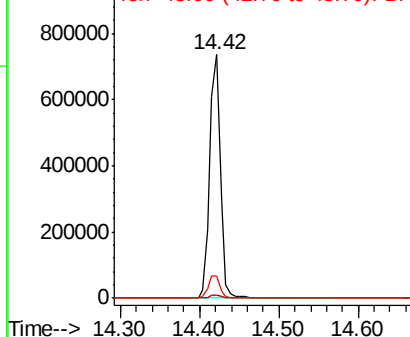
Tgt Ion:	149	Resp:	691474
Ion Ratio	Lower	Upper	
149	100		
167	1.5	1.1	1.7
43	9.6	7.8	11.8

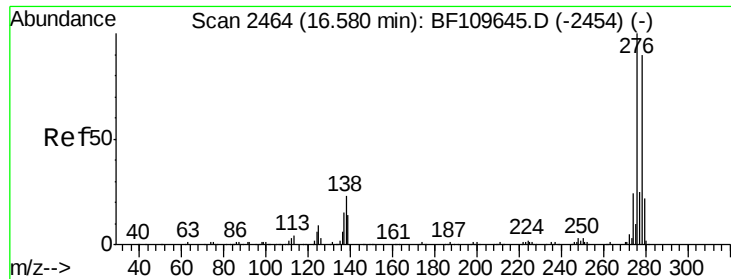
Abundance

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





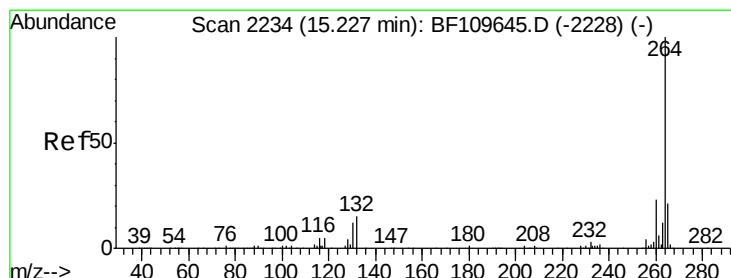
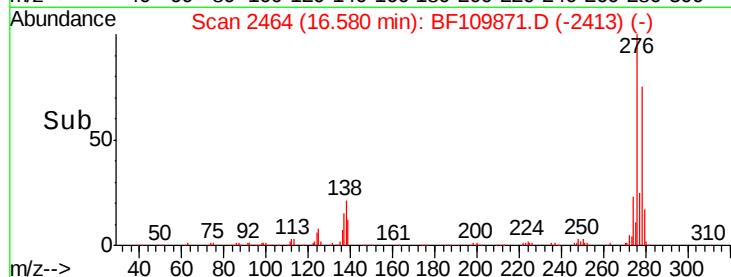
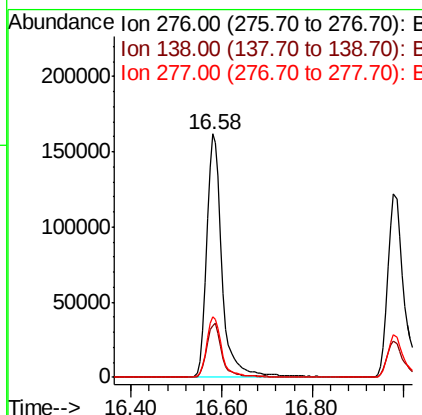
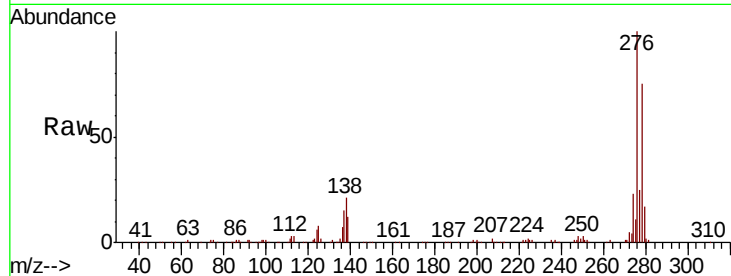
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 49.495 ng
 RT: 16.58 min Scan# 2464
 Delta R.T. 0.00 min
 Lab File: BF109871.D
 Acq: 13 Oct 2018 8:42

Instrument :
 BNA_F
 ClientSampleId :
 PB113699BS

Tot Ion	Ratio	Lower	Upper
276	100		
138	22.0	18.5	27.7
277	24.8	20.0	30.0

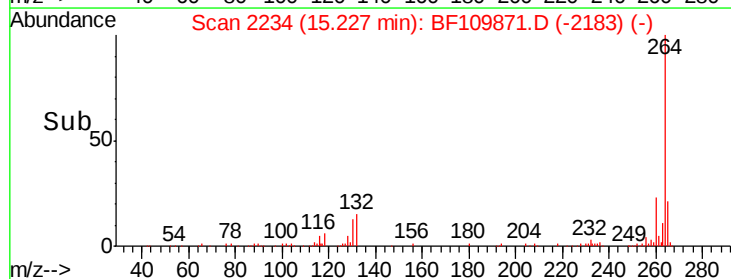
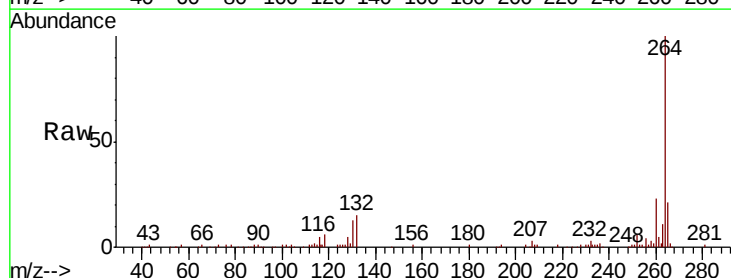
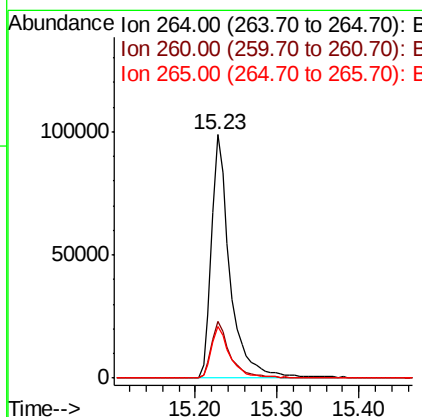
Manual Integrations
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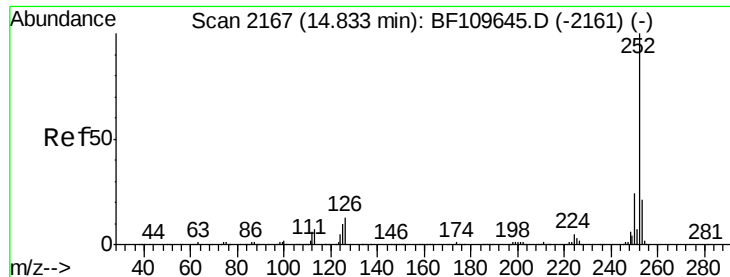
Sohil
 10/15/2018 10:28:52 AM



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.23 min Scan# 2234
 Delta R.T. 0.00 min
 Lab File: BF109871.D
 Acq: 13 Oct 2018 8:42

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.3	18.7	28.1
265	21.4	16.7	25.1





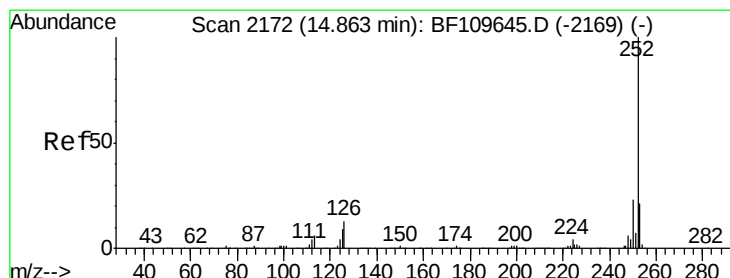
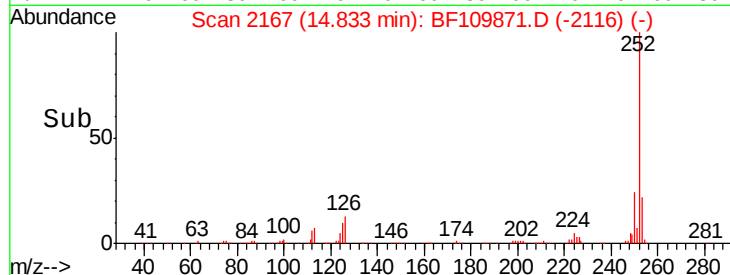
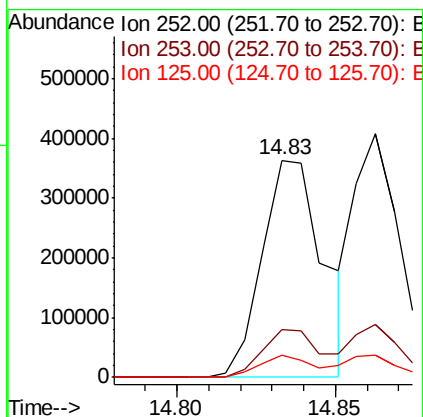
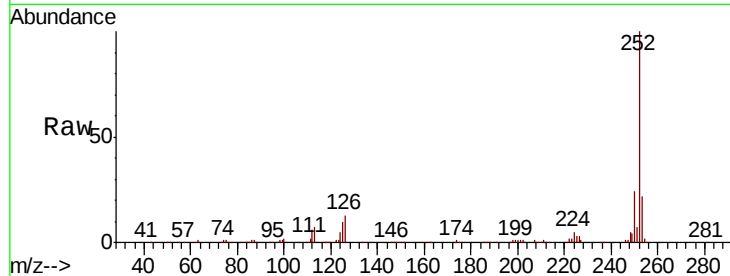
#87
Benzo(b)fluoranthene
Concen: 56.205 ng
RT: 14.83 min Scan# 2167
Delta R.T. 0.00 min
Lab File: BF109871.D
Acq: 13 Oct 2018 8:42

Instrument :
BNA_F
ClientSampleId :
PB113699BS

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.1	17.2	25.8
125	10.5	8.2	12.4

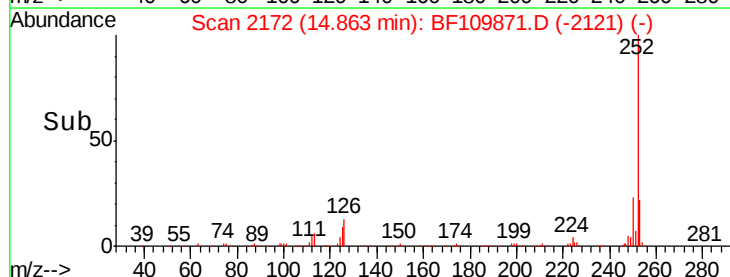
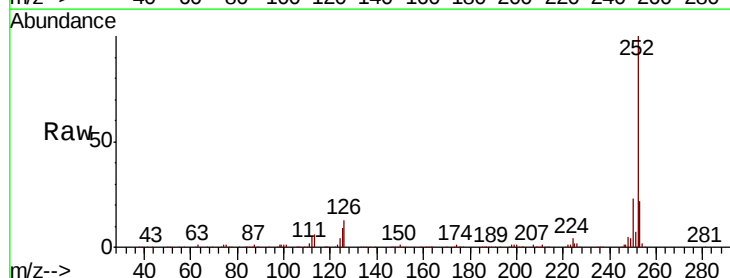
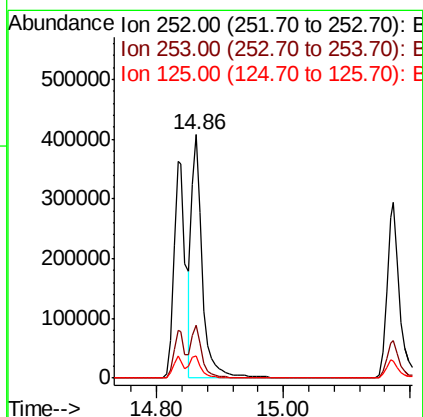
Manual Integrations
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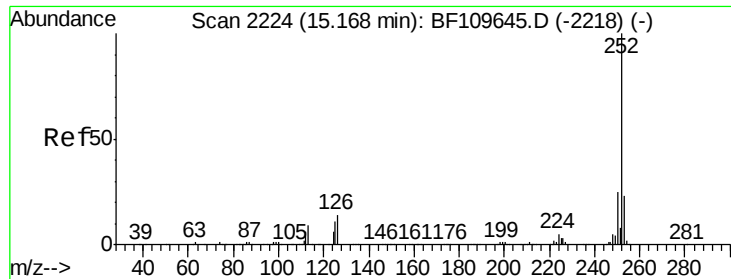
Sohil
10/15/2018 10:28:52 AM



#88
Benzo(k)fluoranthene
Concen: 53.446 ng
RT: 14.86 min Scan# 2172
Delta R.T. 0.00 min
Lab File: BF109871.D
Acq: 13 Oct 2018 8:42

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.8	17.2	25.8
125	8.9	7.4	11.0





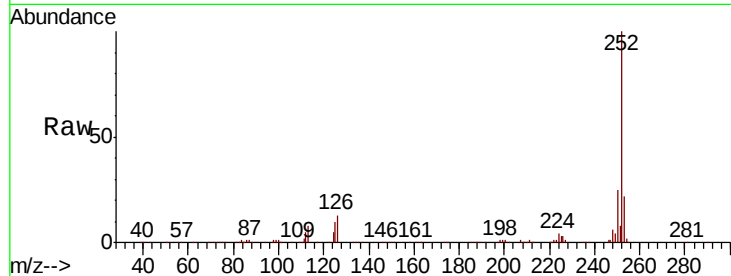
#89
Benzo(a)pyrene
Concen: 54.406 ng
RT: 15.17 min Scan# 2225
Delta R.T. 0.01 min
Lab File: BF109871.D
Acq: 13 Oct 2018 8:42

Instrument :
BNA_F
ClientSampleId :
PB113699BS

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.6	18.2	27.4
125	10.0	9.0	13.6

Manual Integrations
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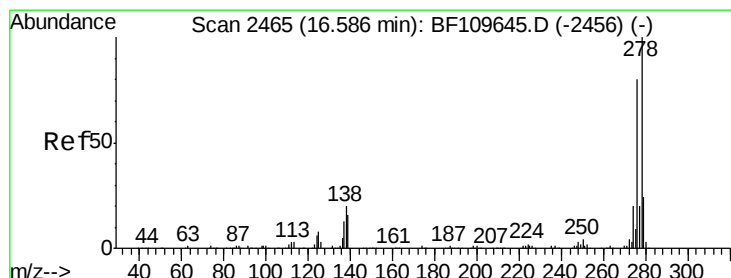
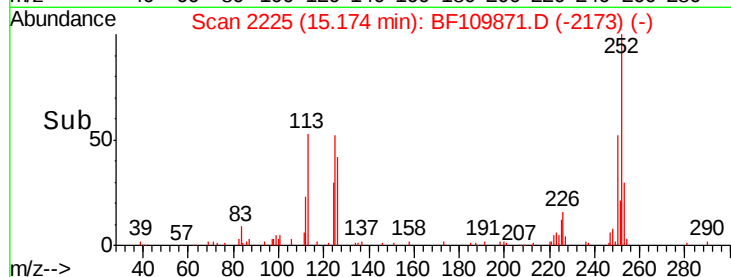
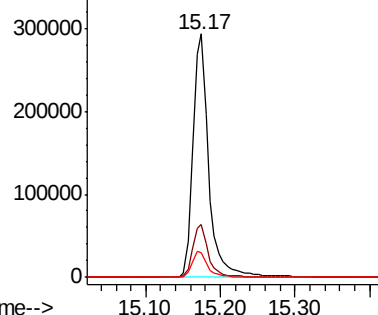


Abundance

Ion 252.00 (251.70 to 252.70): E

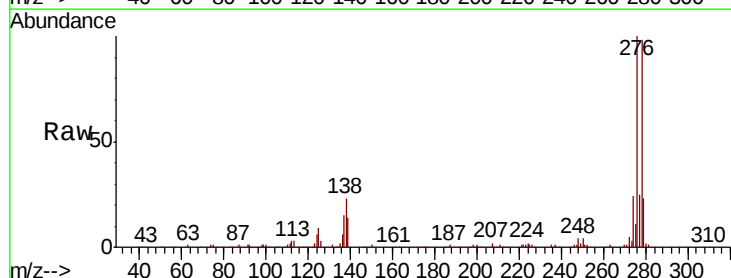
Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90
Dibenzo(a,h)anthracene
Concen: 50.730 ng
RT: 16.59 min Scan# 2465
Delta R.T. 0.00 min
Lab File: BF109871.D
Acq: 13 Oct 2018 8:42

Tgt Ion	Ratio	Lower	Upper
278	100		
139	14.0	12.7	19.1
279	23.3	19.0	28.4

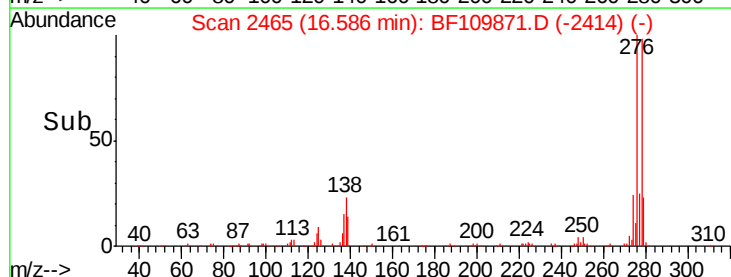
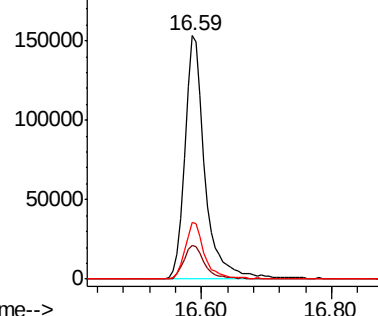


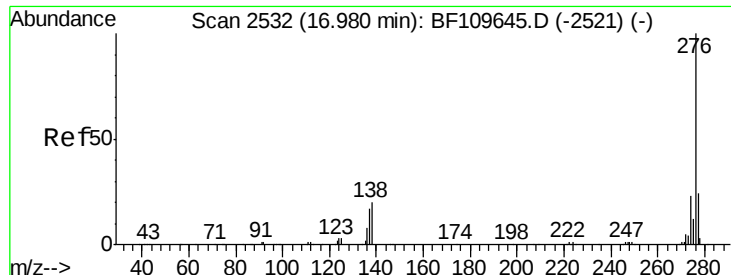
Abundance

Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#91
 Benzo(a,h,i)perylene
 Concen: 49.230 ng
 RT: 16.98 min Scan# 2532
 Delta R.T. 0.00 min
 Lab File: BF109871.D
 Acq: 13 Oct 2018 8:42

Instrument :
 BNA_F
 ClientSampleId :
 PB113699BS

Tot Ion:	276	Resp:	317617
Ion Ratio	Lower	Upper	
276	100		
277	23.2	18.8	28.2
138	19.8	16.0	24.0

Manual Integrations
 APPROVED

Sohil
 10/15/2018 10:28:52 AM

