

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF090718\
 Data File : BF108873.D
 Acq On : 7 Sep 2018 20:54
 Operator : JU/SJ
 Sample : PB112683BS
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB112683BS

Manual Integrations
 APPROVED

Sohil
 9/10/2018 10:39:41 AM

Quant Time: Sep 08 00:11:08 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF090518.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Sep 05 18:03:31 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.74	152	223115	20.00	ng	0.00
21) Naphthalene-d8	8.02	136	834151	20.00	ng	0.00
38) Acenaphthene-d10	9.77	164	379704	20.00	ng	0.00
63) Phenanthrene-d10	11.25	188	623474	20.00	ng	0.00
75) Chrysene-d12	13.87	240	397887	20.00	ng	0.00
86) Perylene-d12	15.28	264	499279	20.00	ng	0.01

System Monitoring Compounds

5) 2-Fluorophenol	5.35	112	1215797	90.27	ng	0.02
7) Phenol-d6	6.38	99	1580487	91.21	ng	0.01
23) Nitrobenzene-d5	7.30	82	1416891	106.30	ng	0.00
41) 2,4,6-Tribromophenol	10.55	330	349580	96.44	ng	0.00
44) 2-Fluorobiphenyl	9.10	172	2302702	103.46	ng	0.00
78) Terphenyl-d14	12.83	244	1705146	99.93	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.49	88	240811	37.206	ng	94
3) Pyridine	3.20	79	735577	41.498	ng	90
4) n-Nitrosodimethylamine	3.14	42	327508	48.106	ng	# 91
6) Aniline	6.40	93	786599	33.751	ng	96
8) 2-Chlorophenol	6.52	128	677627	45.457	ng	98
9) Benzaldehyde	6.28	77	386375	31.430	ng	99
10) Phenol	6.39	94	835301	42.086	ng	85
11) bis(2-Chloroethyl)ether	6.48	93	660716	41.556	ng	97
12) 1,3-Dichlorobenzene	6.68	146	714800	42.019	ng	99
13) 1,4-Dichlorobenzene	6.75	146	721627	42.419	ng	99
14) 1,2-Dichlorobenzene	6.91	146	663210	42.296	ng	97
15) Benzyl Alcohol	6.88	79	601302	45.217	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.02	45	1012226	42.591	ng	97
17) 2-Methylphenol	7.00	107	567704	45.063	ng	98
18) Hexachloroethane	7.25	117	245733	40.061	ng	97
19) n-Nitroso-di-n-propylamine	7.16	70	483525	40.143	ng	99
20) 3+4-Methylphenols	7.15	107	640888	43.428	ng	# 68
22) Acetophenone	7.15	105	876302	46.289	ng	# 90
24) Nitrobenzene	7.32	77	714901	49.987	ng	98
25) Isophorone	7.57	82	1344326	50.563	ng	99
26) 2-Nitrophenol	7.64	139	309074	54.854	ng	99
27) 2,4-Dimethylphenol	7.68	122	619398	54.134	ng	98
28) bis(2-Chloroethoxy)methane	7.78	93	857693	48.250	ng	99
29) 2,4-Dichlorophenol	7.88	162	567923	48.137	ng	96
30) 1,2,4-Trichlorobenzene	7.97	180	572593	44.783	ng	97
31) Naphthalene	8.04	128	1847307	49.224	ng	98
32) Benzoic acid	7.80	122	296613m	40.964	ng	
33) 4-Chloroaniline	8.09	127	399719	23.191	ng	98
34) Hexachlorobutadiene	8.17	225	341580	44.719	ng	98
35) Caprolactam	8.47	113	192520m	48.156	ng	
36) 4-Chloro-3-methylphenol	8.58	107	593599	47.230	ng	98
37) 2-Methylnaphthalene	8.74	142	1229867	49.605	ng	99
39) 1,2,4,5-Tetrachlorobenzene	8.90	216	545926	48.097	ng	98
40) Hexachlorocyclopentadiene	8.90	237	311245	54.507	ng	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.01	196	393888	50.948	nq	99
43) 2,4,5-Trichlorophenol	9.05	196	408510	50.976	nq	97
45) 1,1'-Biphenyl	9.20	154	1441403	49.309	nq	99
46) 2-Chloronaphthalene	9.22	162	1125889	47.624	nq	100
47) 2-Nitroaniline	9.31	65	371027	57.448	nq	99
48) Acenaphthylene	9.64	152	1768761	50.193	nq	98
49) Dimethylphthalate	9.50	163	1348835	50.789	nq	99
50) 2,6-Dinitrotoluene	9.55	165	291557	57.614	nq	95
51) Acenaphthene	9.81	154	1044960	47.919	nq	99
52) 3-Nitroaniline	9.72	138	230424	38.251	nq	96
53) 2,4-Dinitrophenol	9.82	184	57880	36.815	nq	# 15
54) Dibenzofuran	9.98	168	1493956	46.998	nq	97
55) 4-Nitrophenol	9.88	139	419284	93.104	nq	96
56) 2,4-Dinitrotoluene	9.96	165	368172	56.890	nq	# 91
57) Fluorene	10.32	166	1066083	52.261	nq	98
58) 2,3,4,6-Tetrachlorophenol	10.10	232	314467	48.659	nq	# 88
59) Diethylphthalate	10.20	149	1315076	47.984	nq	96
60) 4-Chlorophenyl-phenylether	10.31	204	530146	48.662	nq	93
61) 4-Nitroaniline	10.33	138	256855	47.067	nq	97
62) Azobenzene	10.47	77	1303839	46.088	nq	95
64) 4,6-Dinitro-2-methylphenol	10.36	198	50402	24.484	nq	92
65) n-Nitrosodiphenylamine	10.43	169	1076796	51.946	nq	95
66) 4-Bromophenyl-phenylether	10.80	248	366420	52.034	nq	92
67) Hexachlorobenzene	10.87	284	367195	48.848	nq	93
68) Atrazine	10.96	200	358656	54.047	nq	95
69) Pentachlorophenol	11.05	266	327111	71.175	nq	98
70) Phenanthrene	11.27	178	1515730	50.908	nq	99
71) Anthracene	11.32	178	1532351	53.754	nq	98
72) Carbazole	11.48	167	1333628	44.423	nq	99
73) Di-n-butylphthalate	11.82	149	1783945	53.510	nq	100
74) Fluoranthene	12.45	202	1339650	45.445	nq	97
76) Benzidine	12.57	184	1007767	53.439	nq	99
77) Pyrene	12.68	202	1315032	42.951	nq	98
79) Butylbenzylphthalate	13.31	149	593187	43.023	nq	# 94
80) Benzo(a)anthracene	13.86	228	1218858	47.792	nq	99
81) 3,3'-Dichlorobenzidine	13.82	252	450188	45.308	nq	97
82) Chrysene	13.90	228	1208907	48.965	nq	99
83) Bis(2-ethylhexyl)phthalate	13.87	149	716026	41.325	nq	98
84) Di-n-octyl phthalate	14.48	149	1403112	48.572	nq	100
85) Indeno(1,2,3-cd)pyrene	16.64	276	1231703	56.372	nq	96
87) Benzo(b)fluoranthene	14.88	252	1362379	50.182	nq	98
88) Benzo(k)fluoranthene	14.91	252	1263339	50.531	nq	98
89) Benzo(a)pyrene	15.22	252	1262065	51.520	nq	99
90) Dibenzo(a,h)anthracene	16.66	278	1038186	48.097	nq	96
91) Benzo(g,h,i)perylene	17.05	276	963341	44.574	nq	95

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

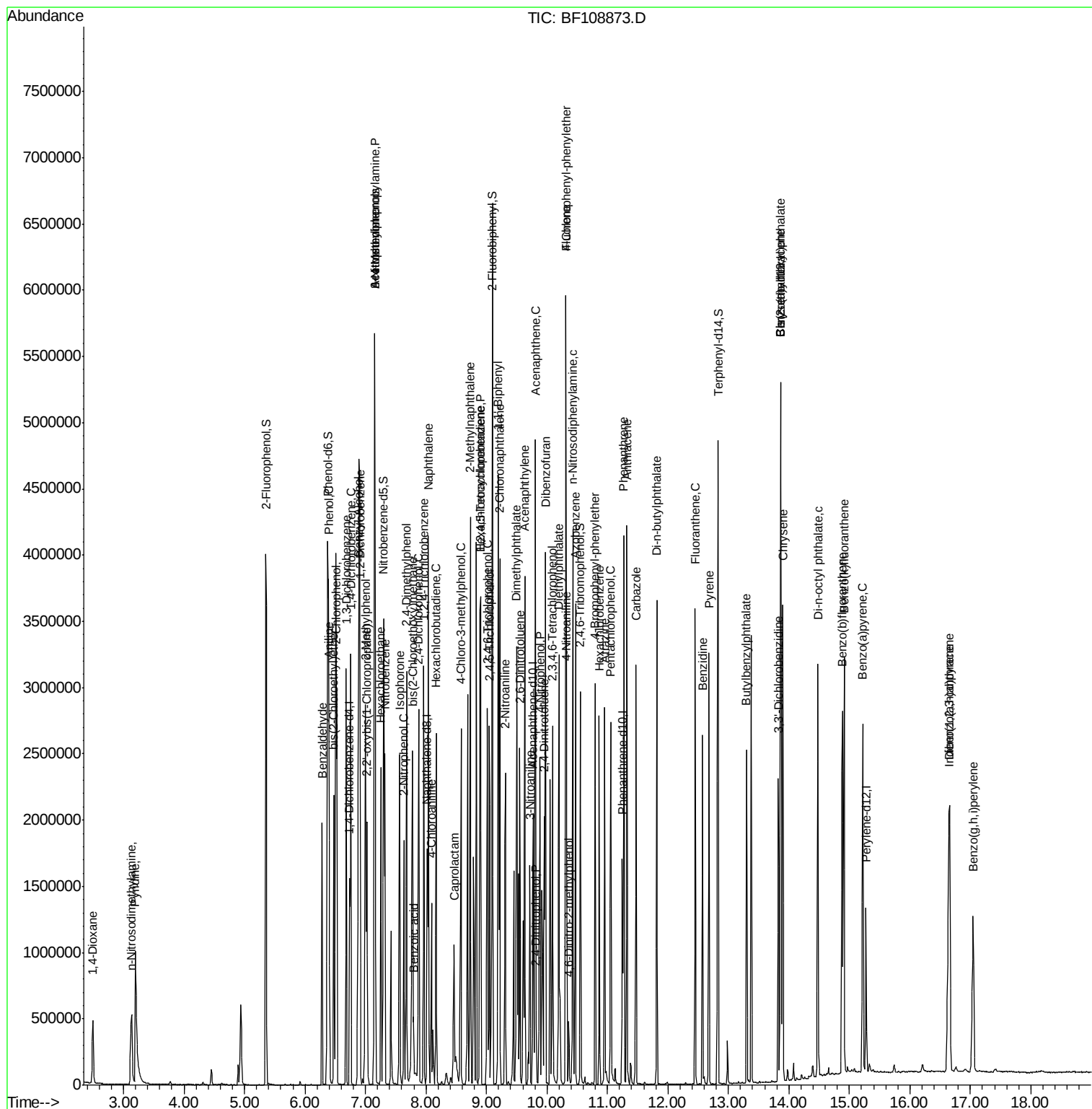
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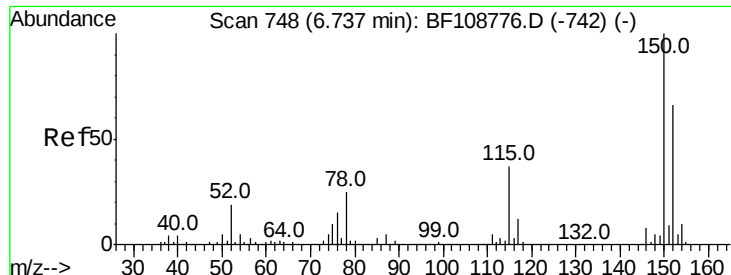
Instrument :
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#1

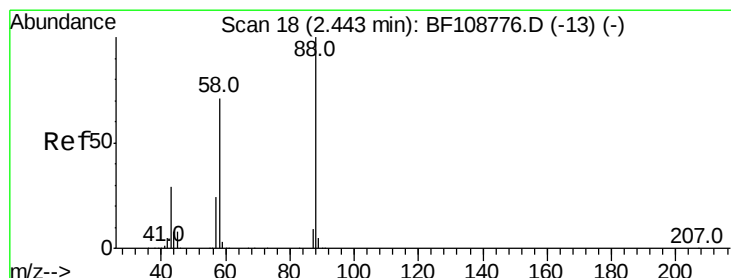
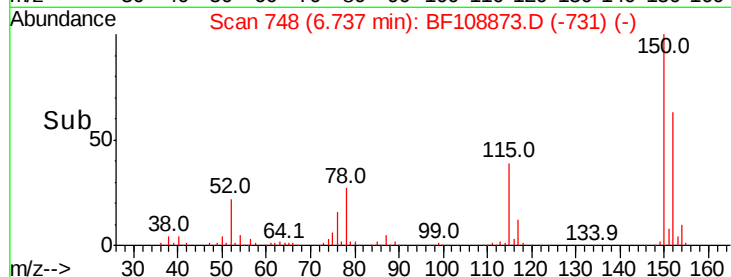
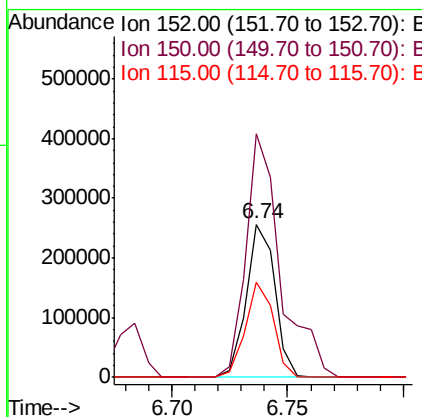
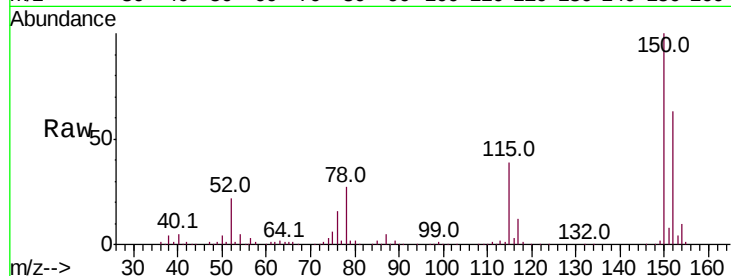
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.74 min Scan# 748
Delta R.T. -0.00 min
Lab File: BF108873.D
Acq: 7 Sep 2018 20:54

Instrument :
BNA_F
ClientSampleID :
PB112683BS

Tot Ion	Ratio	Lower	Upper
152	100		
150	158.8	124.6	186.8
115	62.1	50.1	75.1

Manual Integrations
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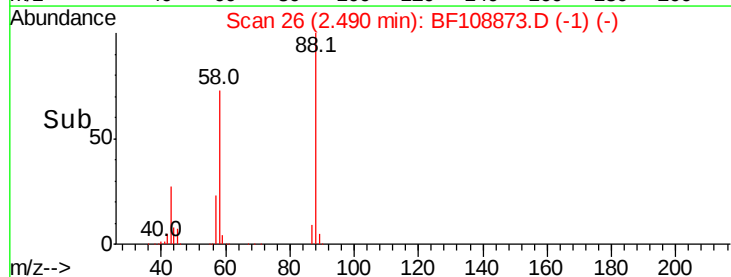
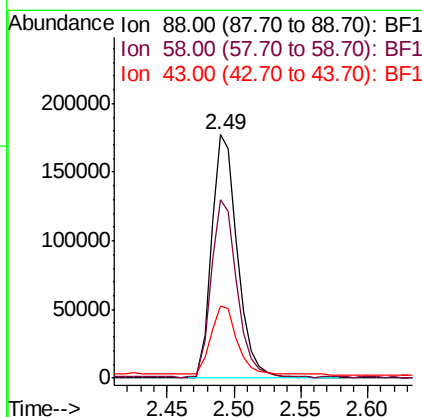
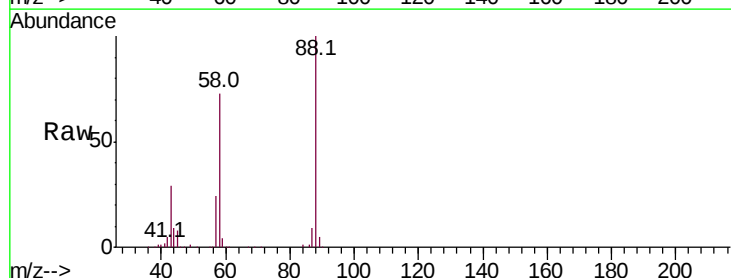
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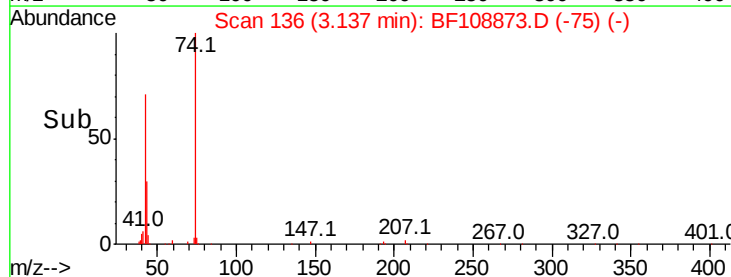
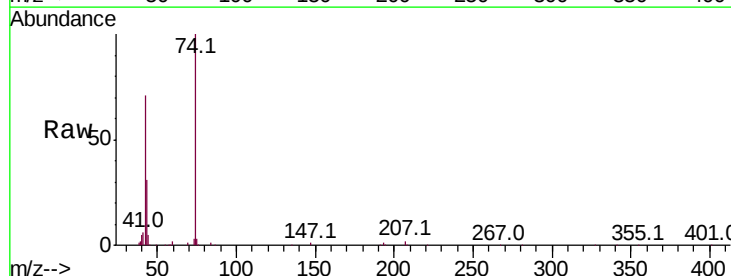
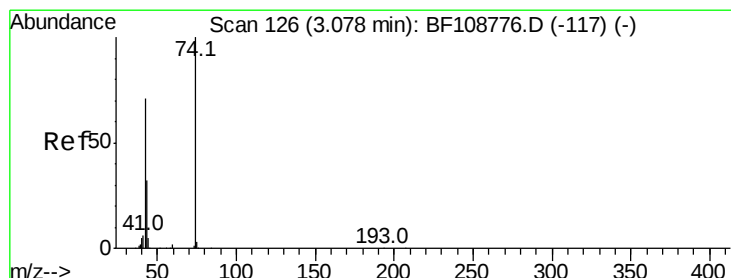
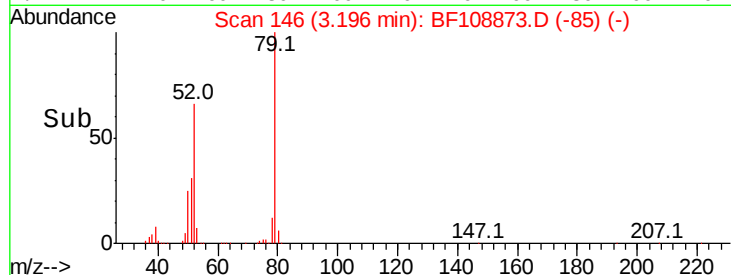
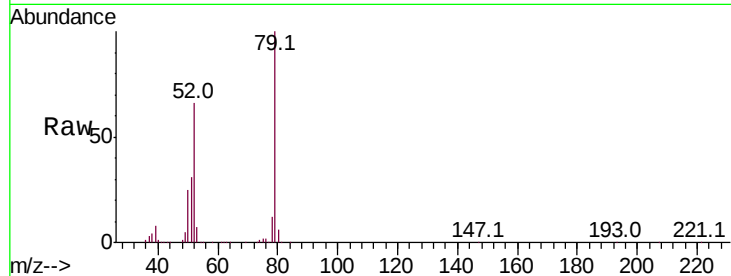
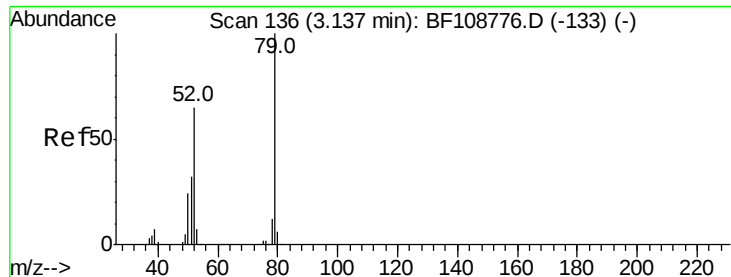


#2

1,4-Dioxane
Concen: 37.206 ng
RT: 2.49 min Scan# 26
Delta R.T. 0.05 min
Lab File: BF108873.D
Acq: 7 Sep 2018 20:54

Tgt Ion	Ratio	Lower	Upper
88	100		
58	73.0	62.6	93.8
43	27.9	24.6	37.0





#3

Pvridine

Concen: 41.498 ng

RT: 3.20 min Scan# 146

Delta R.T. 0.06 min

Lab File: BF108873.D

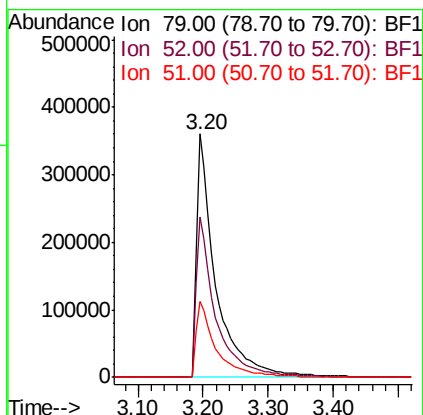
Acq: 7 Sep 2018 20:54

Tot Ion	Ratio	Resp	Lower	Upper
79	100			
52	65.9		59.8	89.6
51	31.4		29.8	44.8

Instrument :
BNA_F
ClientSampleId :
PB112683BS

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#4

n-Nitrosodimethylamine

Concen: 48.106 ng

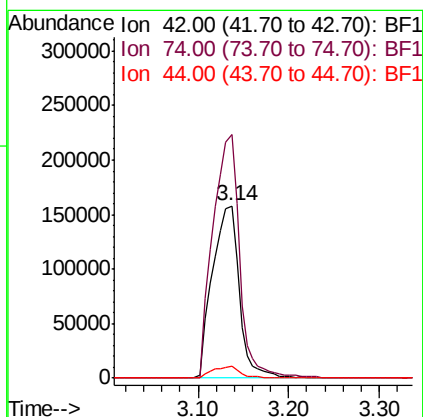
RT: 3.14 min Scan# 136

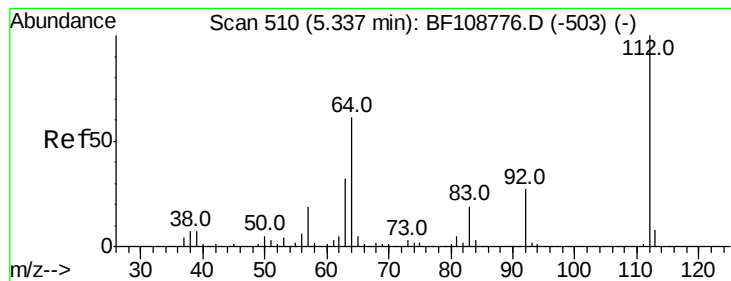
Delta R.T. 0.06 min

Lab File: BF108873.D

Acq: 7 Sep 2018 20:54

Tgt Ion	Ratio	Resp	Lower	Upper
42	100			
74	141.4		104.9	157.3
44	6.8		6.9	10.3#





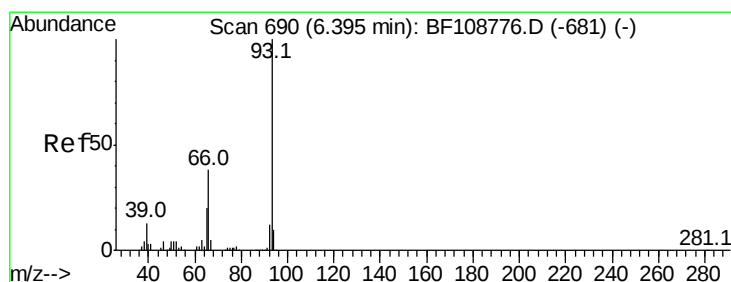
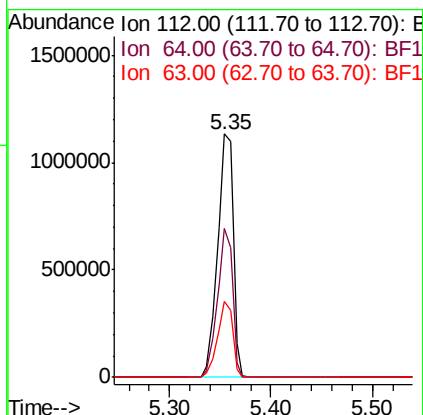
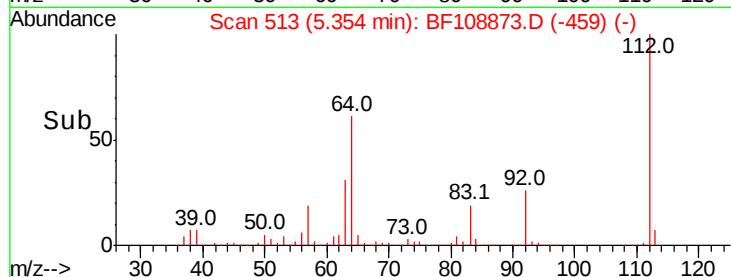
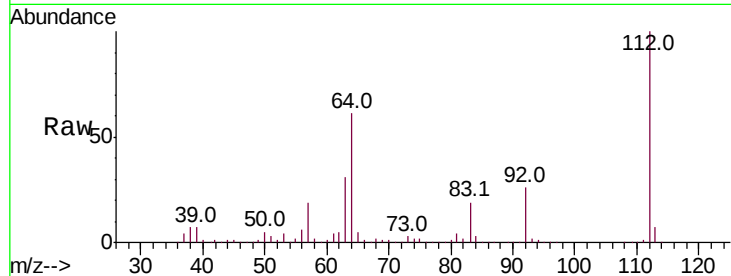
#5
2-Fluorophenol
Concen: 90.275 ng
RT: 5.35 min Scan# 513
Delta R.T. 0.02 min
Lab File: BF108873.D
Acq: 7 Sep 2018 20:54

Instrument :
BNA_F
ClientSampleId :
PB112683BS

Tot Ion	Ratio	Lower	Upper
112	100		
64	60.9	47.9	71.9
63	31.1	23.7	35.5

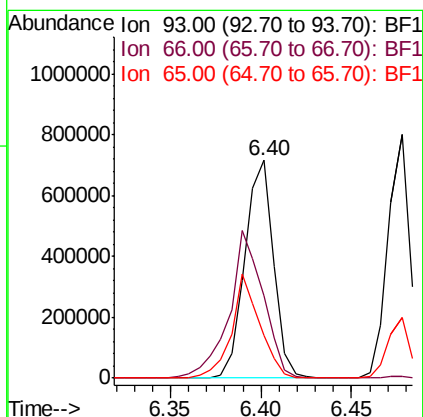
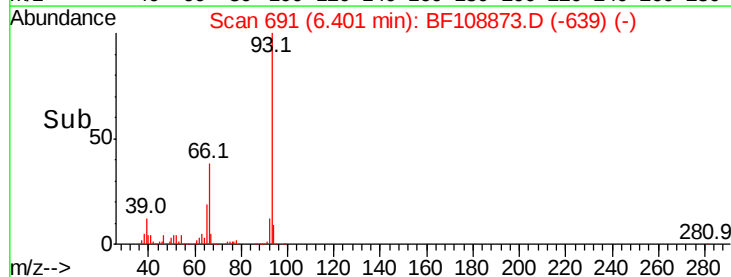
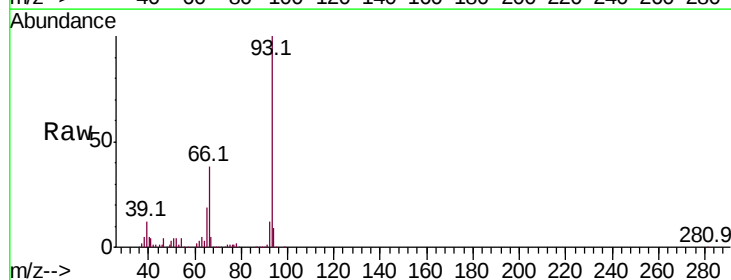
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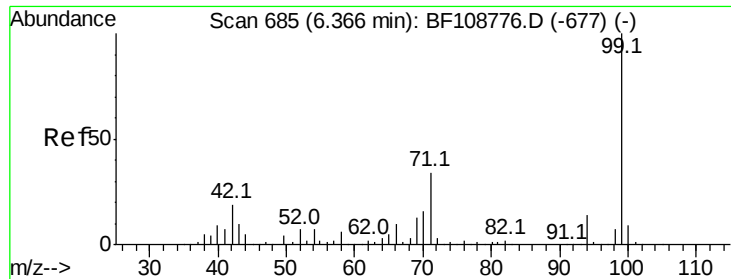
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#6
Aniline
Concen: 33.751 ng
RT: 6.40 min Scan# 691
Delta R.T. 0.01 min
Lab File: BF108873.D
Acq: 7 Sep 2018 20:54

Tgt Ion	Ratio	Lower	Upper
93	100		
66	37.6	32.2	48.2
65	19.3	16.4	24.6





#7

Phenol-d6

Concen: 91.208 ng

RT: 6.38 min Scan# 687

Delta R.T. 0.01 min

Lab File: BF108873.D

Acq: 7 Sep 2018 20:54

Instrument :

BNA_F

ClientSampleId :

PB112683BS

Tot Ion: 99 Resp: 1580487

Ion Ratio Lower Upper

99 100

42 18.8 14.5 21.7

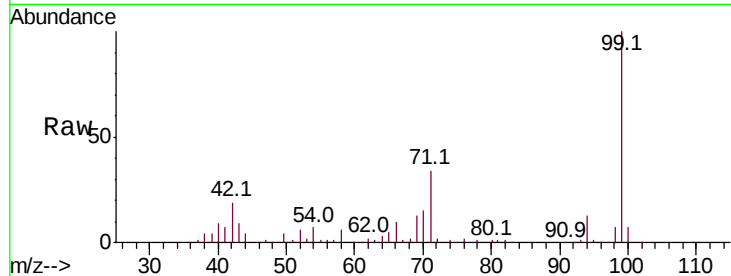
71 33.7 25.4 38.0

Manual Integrations

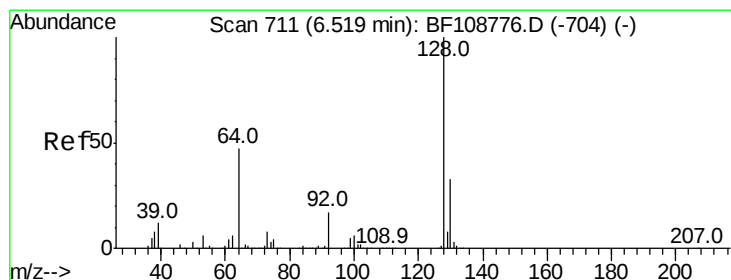
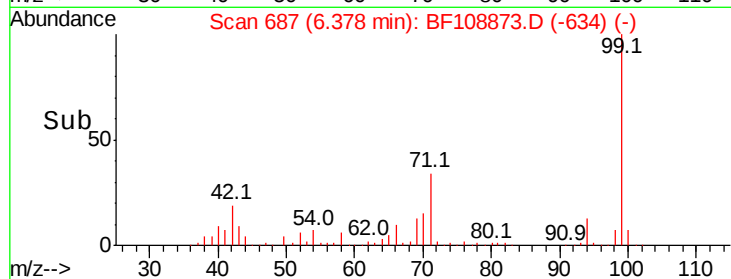
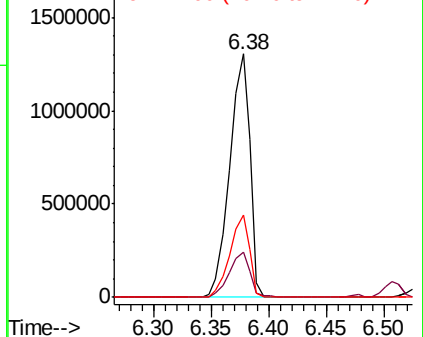
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Abundance Ion 99.00 (98.70 to 99.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 71.00 (70.70 to 71.70): BF1



#8

2-Chlorophenol

Concen: 45.457 ng

RT: 6.52 min Scan# 712

Delta R.T. 0.01 min

Lab File: BF108873.D

Acq: 7 Sep 2018 20:54

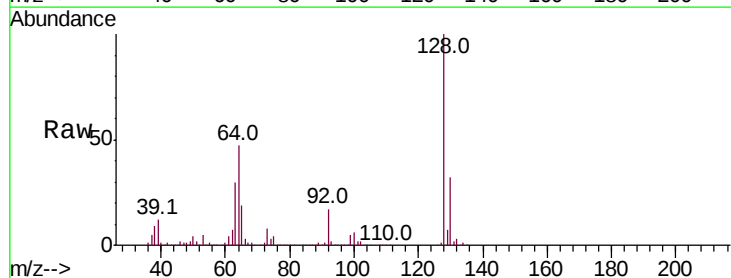
Tgt Ion:128 Resp: 677627

Ion Ratio Lower Upper

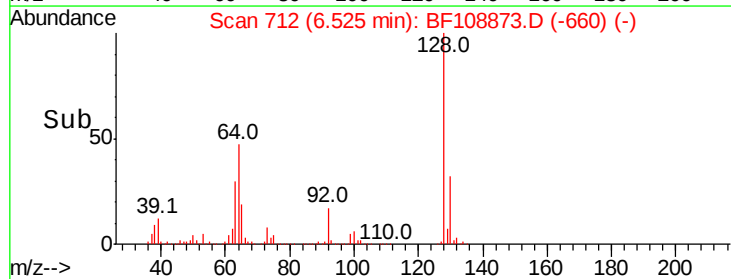
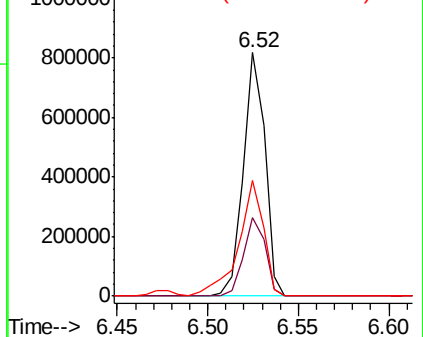
128 100

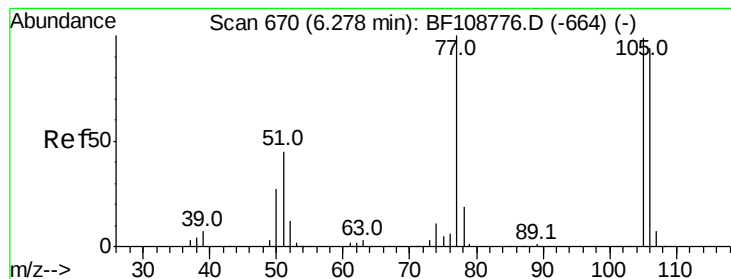
130 32.4 13.0 53.0

64 47.5 29.4 69.4



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: 31.430 ng

RT: 6.28 min Scan# 671

Delta R.T. 0.01 min

Lab File: BF108873.D

Acq: 7 Sep 2018 20:54

Instrument :

BNA_F

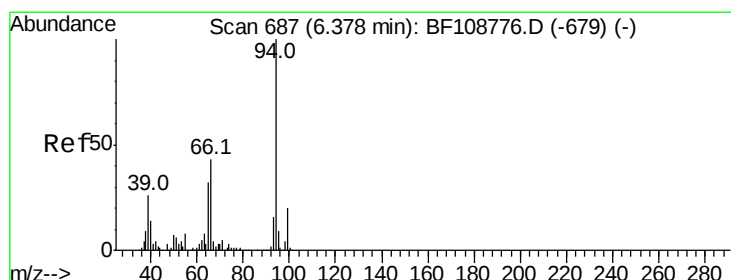
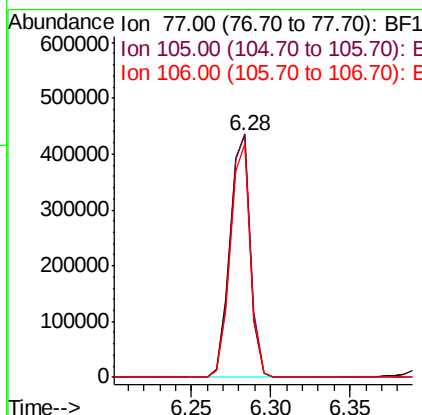
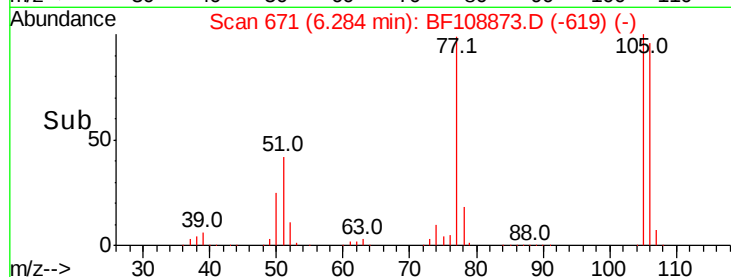
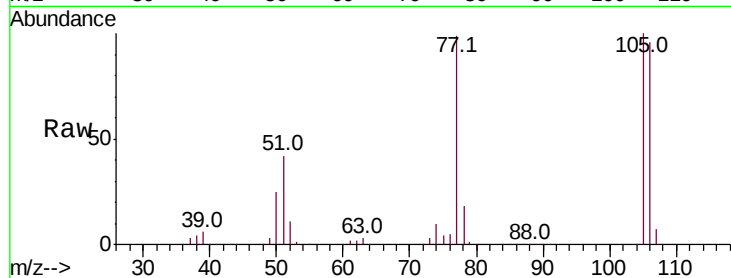
ClientSampleId :

PB112683BS

Tot Ion	Ratio	Lower	Upper
77	100		
105	100.5	81.1	121.1
106	96.5	74.5	114.5

Manual Integrations
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#10

Phenol

Concen: 42.086 ng

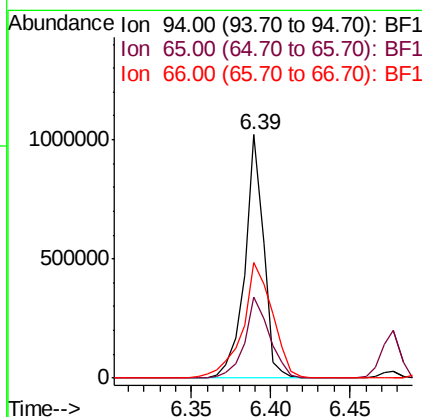
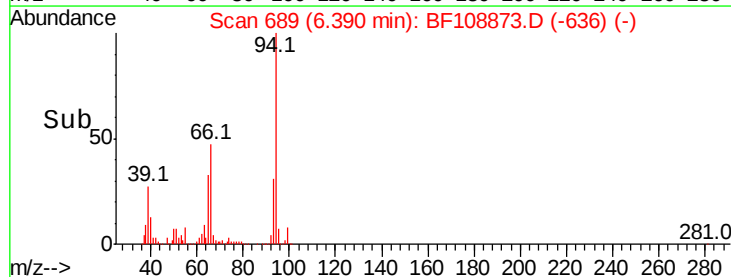
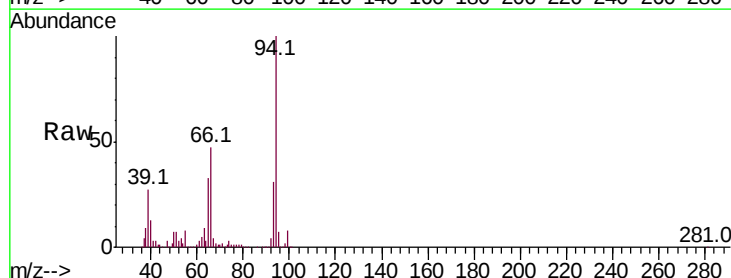
RT: 6.39 min Scan# 689

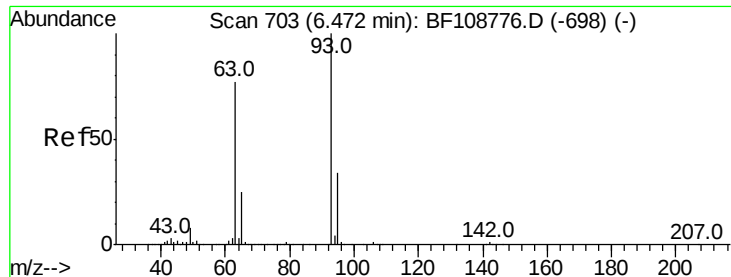
Delta R.T. 0.01 min

Lab File: BF108873.D

Acq: 7 Sep 2018 20:54

Tgt Ion	Ratio	Lower	Upper
94	100		
65	33.4	7.9	47.9
66	47.3	16.2	56.2





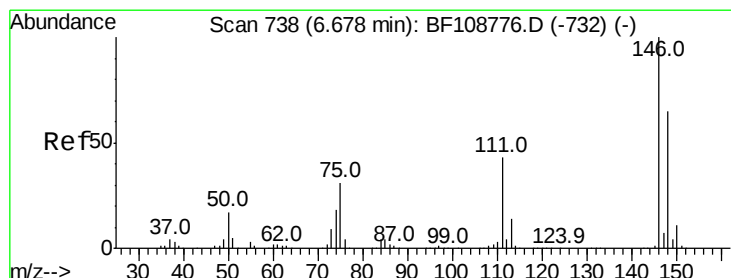
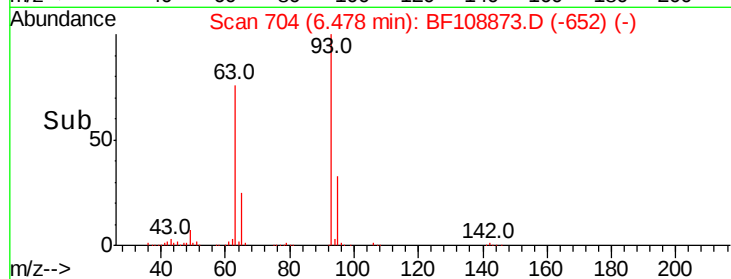
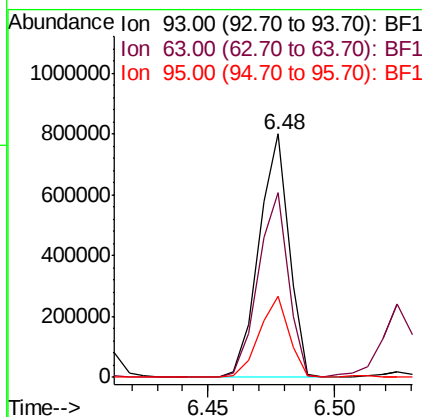
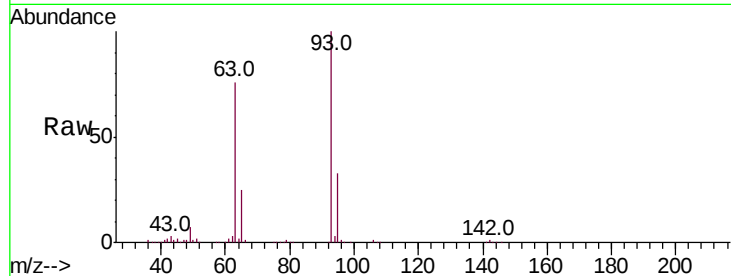
#11
bis(2-Chloroethyl)ether
Concen: 41.556 ng
RT: 6.48 min Scan# 704
Delta R.T. 0.01 min
Lab File: BF108873.D
Acq: 7 Sep 2018 20:54

Instrument :
BNA_F
ClientSampleId :
PB112683BS

Tot Ion	Ratio	Resp	Lower	Upper
93	100	660716		
63	75.9	58.6	98.6	
95	33.1	11.8	51.8	

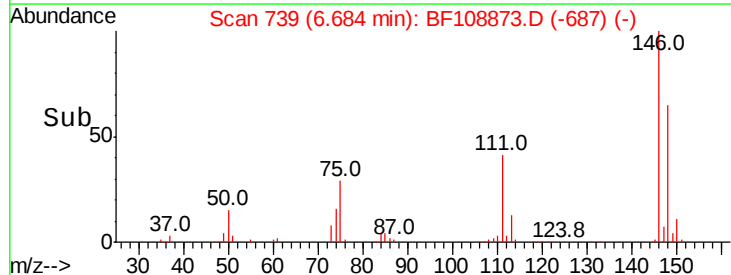
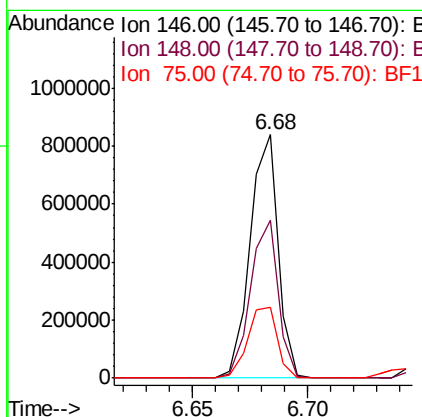
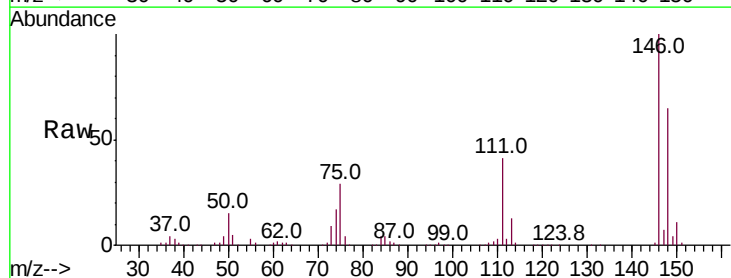
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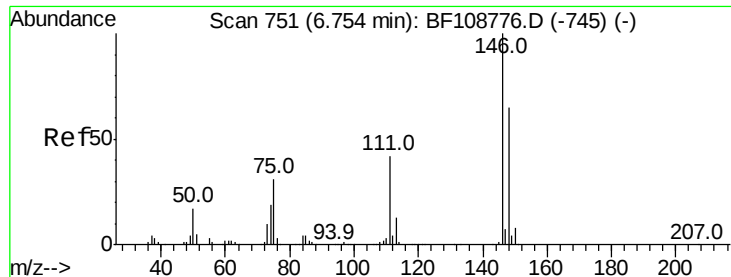
Sohil
9/10/2018 10:39:41 AM



#12
1,3-Dichlorobenzene
Concen: 42.019 ng
RT: 6.68 min Scan# 739
Delta R.T. 0.01 min
Lab File: BF108873.D
Acq: 7 Sep 2018 20:54

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	714800		
148	64.9	51.8	77.8	
75	29.3	24.2	36.4	





#13

1,4-Dichlorobenzene

Concen: 42.419 ng

RT: 6.75 min Scan# 751

Delta R.T. -0.00 min

Lab File: BF108873.D

Acq: 7 Sep 2018 20:54

Instrument :

BNA_F

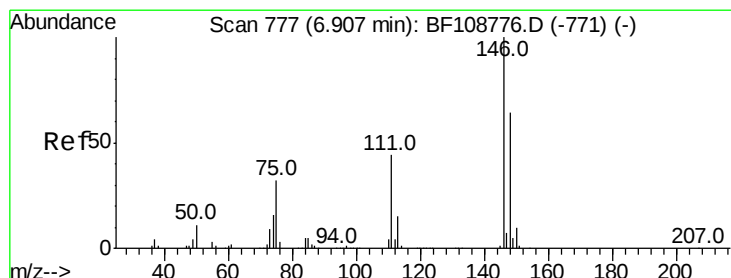
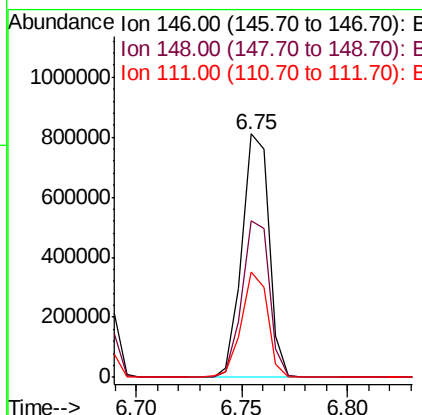
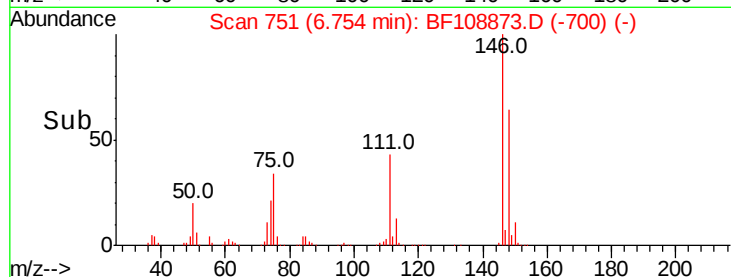
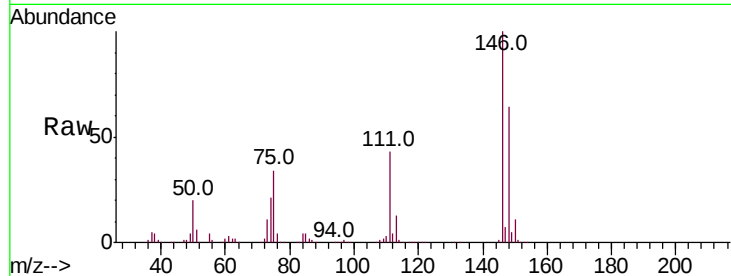
ClientSampled :

PB112683BS

Tot Ion:	146	Resp:	721627
Ion Ratio	Lower	Upper	
146	100		
148	64.4	50.8	76.2
111	43.0	34.2	51.2

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#14

1,2-Dichlorobenzene

Concen: 42.296 ng

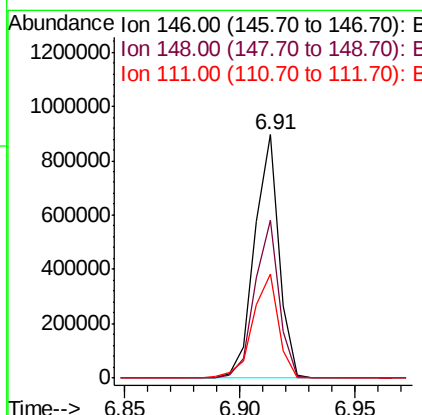
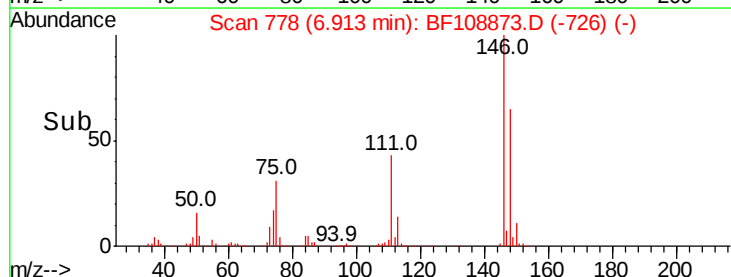
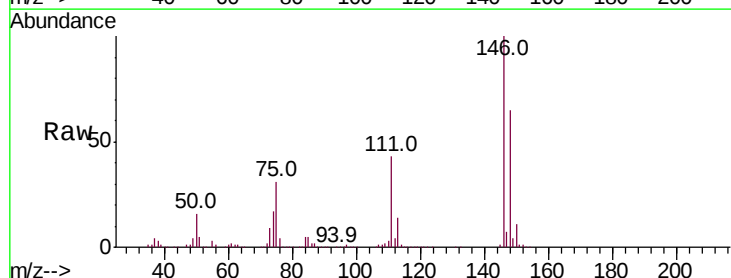
RT: 6.91 min Scan# 778

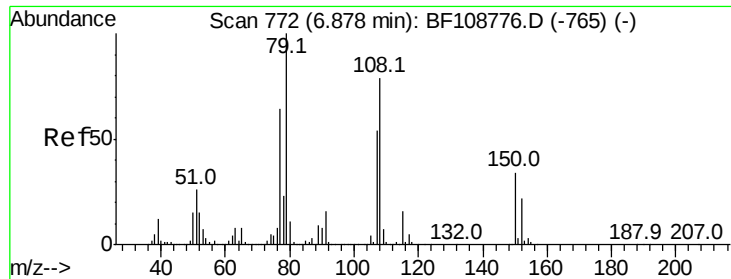
Delta R.T. 0.01 min

Lab File: BF108873.D

Acq: 7 Sep 2018 20:54

Tgt Ion:	146	Resp:	663210
Ion Ratio	Lower	Upper	
146	100		
148	65.0	50.6	75.8
111	42.7	36.0	54.0





#15

Benzyl Alcohol

Concen: 45.217 ng

RT: 6.88 min Scan# 773

Delta R.T. 0.01 min

Lab File: BF108873.D

Acq: 7 Sep 2018 20:54

Instrument :

BNA_F

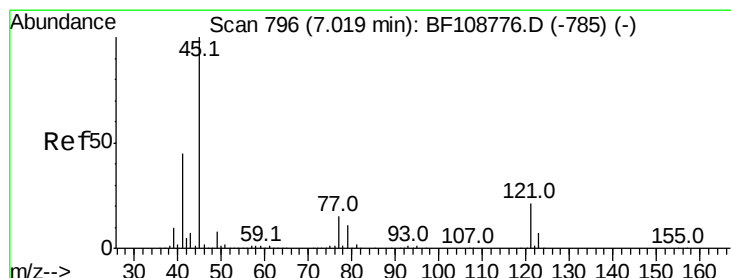
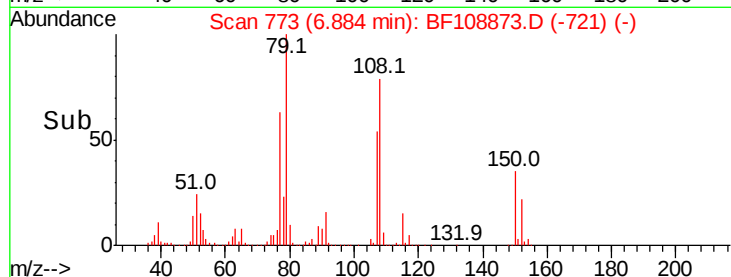
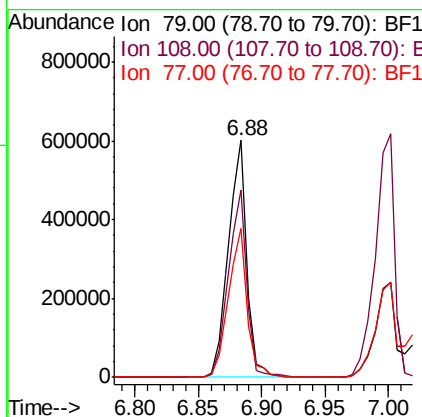
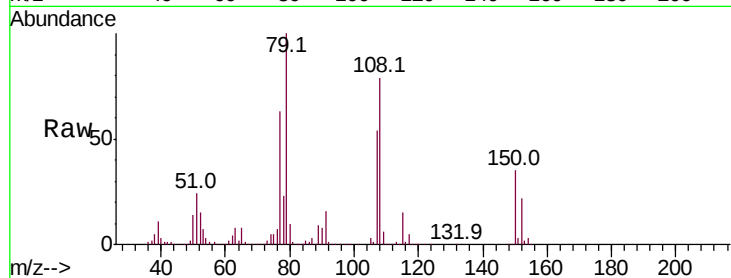
ClientSampleId :

PB112683BS

Tot Ion:	79	Resp:	601302
Ion Ratio	Lower	Upper	
79	100		
108	78.9	65.1	97.7
77	62.9	50.6	75.8

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#16

2,2'-oxybis(1-Chloropropane)

Concen: 42.591 ng

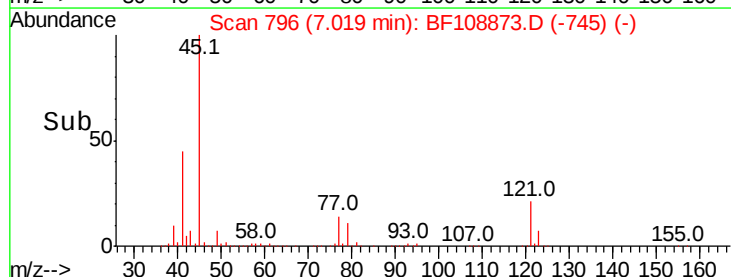
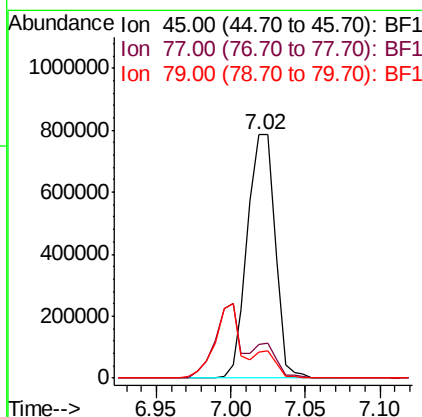
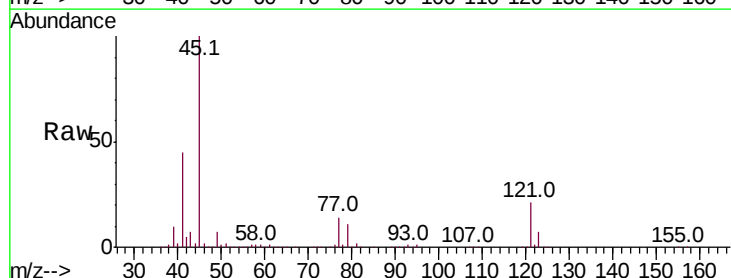
RT: 7.02 min Scan# 796

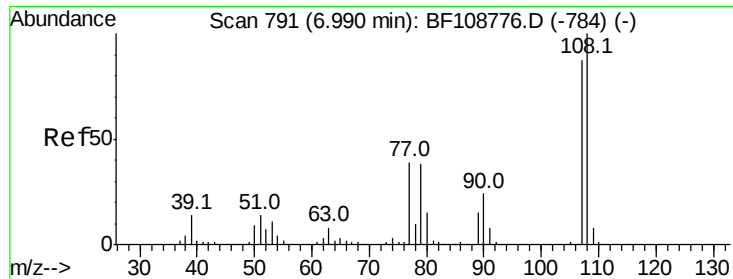
Delta R.T. -0.00 min

Lab File: BF108873.D

Acq: 7 Sep 2018 20:54

Tgt Ion:	45	Resp:	1012226
Ion Ratio	Lower	Upper	
45	100		
77	13.9	0.0	32.9
79	10.7	0.0	29.6





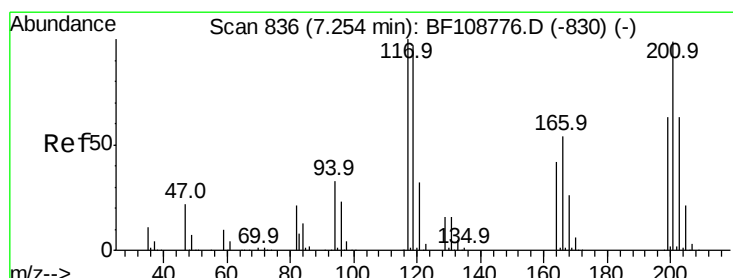
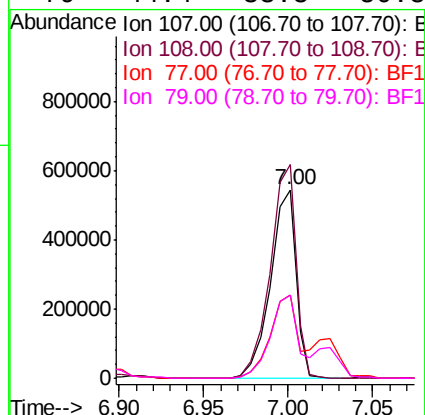
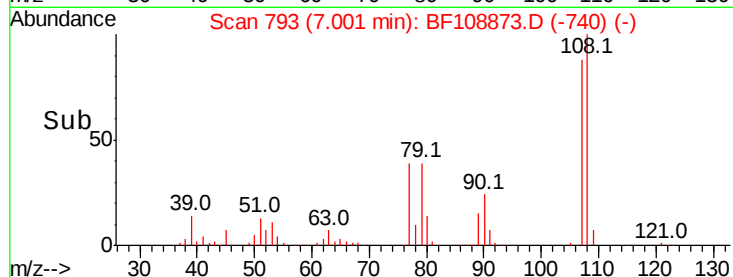
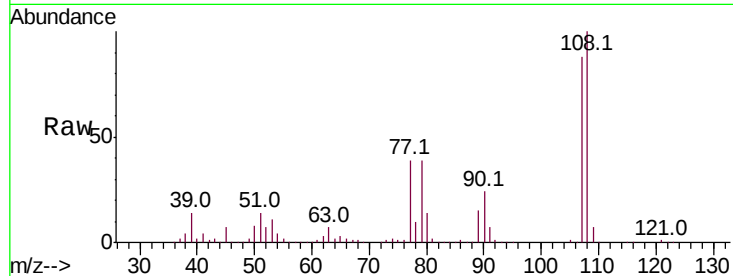
#17
2-Methylphenol
Concen: 45.063 ng
RT: 7.00 min Scan# 793
Delta R.T. 0.01 min
Lab File: BF108873.D
Acq: 7 Sep 2018 20:54

Instrument :
BNA_F
ClientSampleId :
PB112683BS

Tot Ion:	107	Resp:	567704
Ion Ratio	Lower	Upper	
107	100		
108	113.2	91.7	137.5
77	44.4	33.8	50.8
79	44.4	33.8	50.8

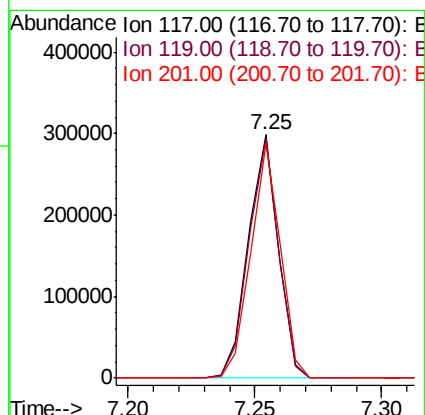
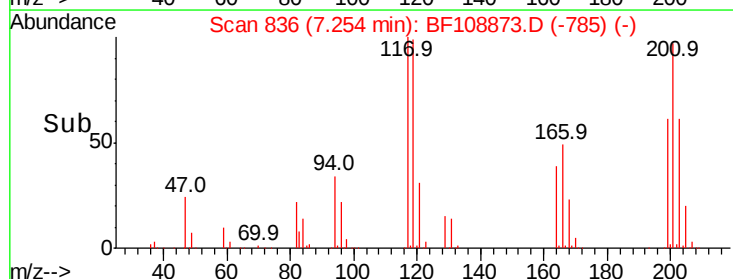
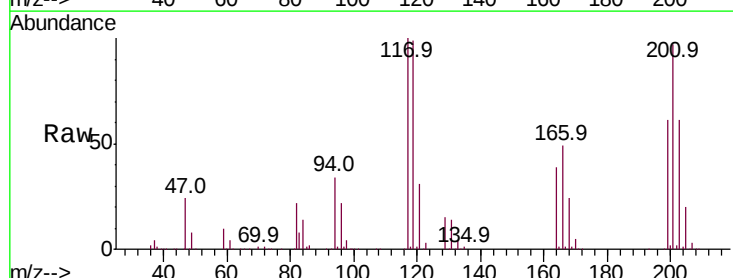
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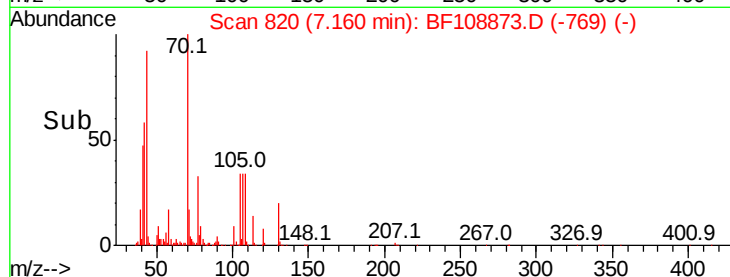
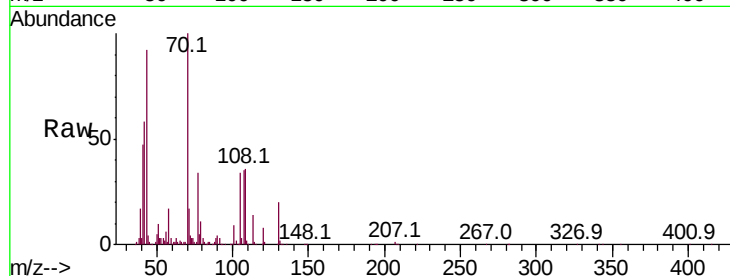
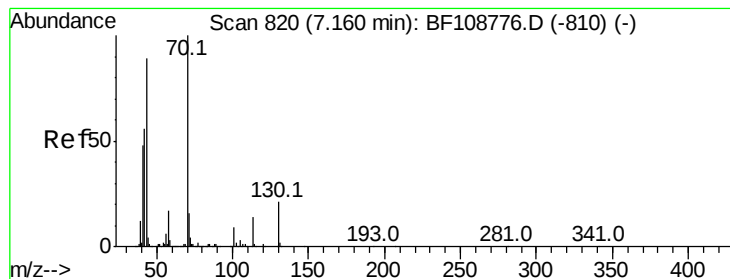
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#18
Hexachloroethane
Concen: 40.061 ng
RT: 7.25 min Scan# 836
Delta R.T. -0.00 min
Lab File: BF108873.D
Acq: 7 Sep 2018 20:54

Tgt Ion:	117	Resp:	245733
Ion Ratio	Lower	Upper	
117	100		
119	98.6	75.8	113.8
201	96.5	75.7	113.5





#19

n-Nitroso-di-n-propylamine

Concen: 40.143 ng

RT: 7.16 min Scan# 820

Delta R.T. -0.00 min

Lab File: BF108873.D

Acq: 7 Sep 2018 20:54

Instrument :

BNA_F

ClientSampleId :

PB112683BS

Tot Ion: 70 Resp: 483525

Ion Ratio Lower Upper

70 100

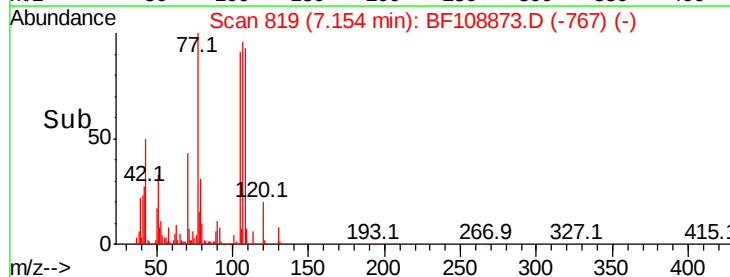
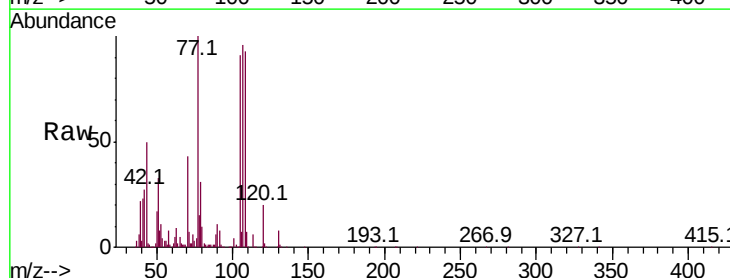
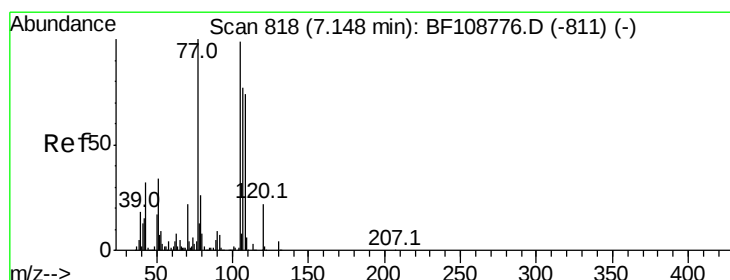
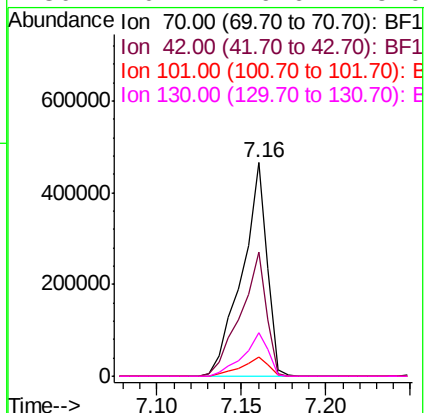
42 58.4 47.5 71.3

101 9.1 7.4 11.2

130 20.2 16.6 25.0

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#20

3+4-Methylphenols

Concen: 43.428 ng

RT: 7.15 min Scan# 819

Delta R.T. 0.01 min

Lab File: BF108873.D

Acq: 7 Sep 2018 20:54

Tgt Ion: 107 Resp: 640888

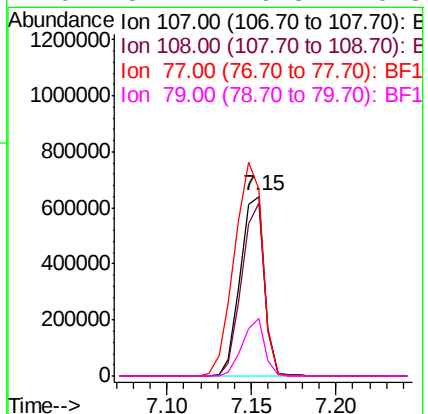
Ion Ratio Lower Upper

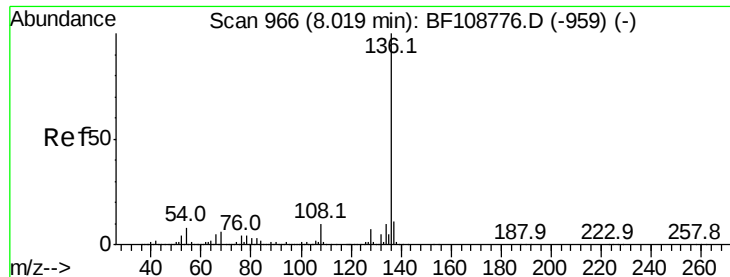
107 100

108 96.5 68.2 108.2

77 104.2 26.7 66.7#

79 32.2 6.3 46.3





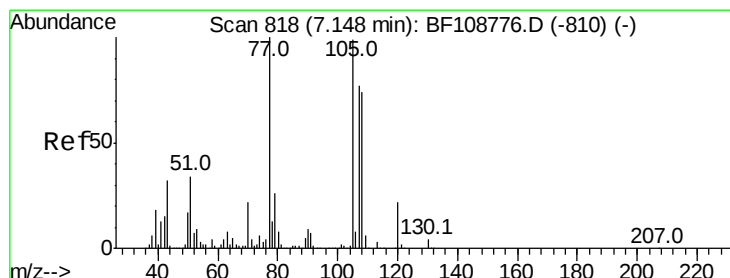
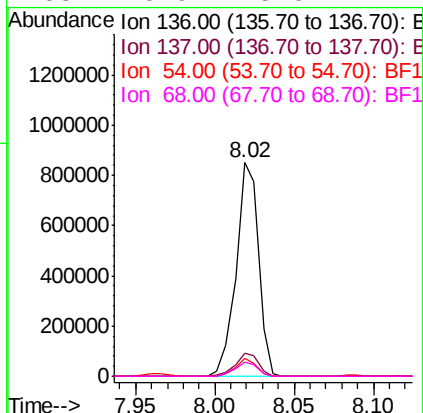
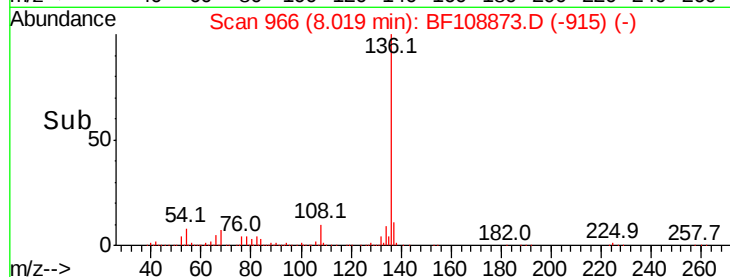
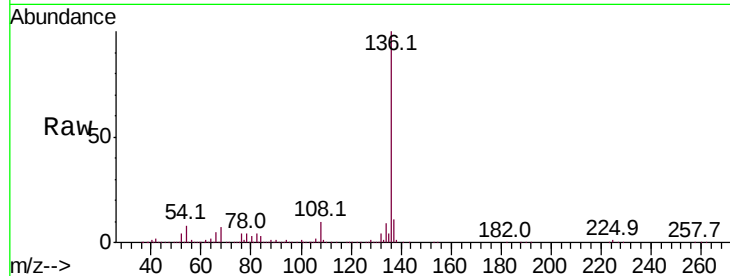
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.02 min Scan# 966
Delta R.T. -0.00 min
Lab File: BF108873.D
Acq: 7 Sep 2018 20:54

Instrument :
BNA_F
ClientSampleId :
PB112683BS

Tot Ion	Ratio	Resp	Lower	Upper
136	100			
137	11.1	8.9	13.3	
54	8.2	6.6	9.8	
68	6.9	5.0	7.4	

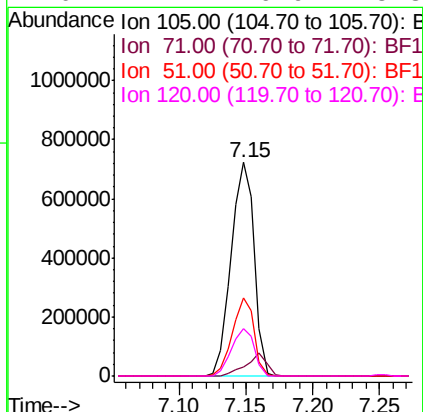
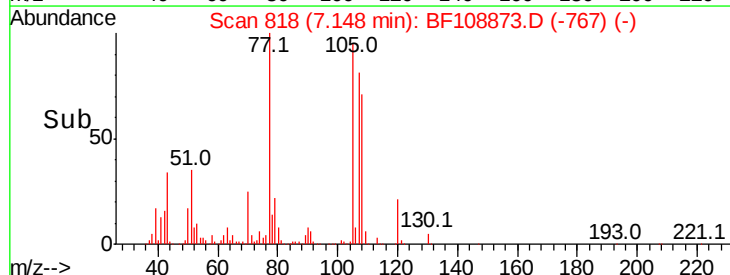
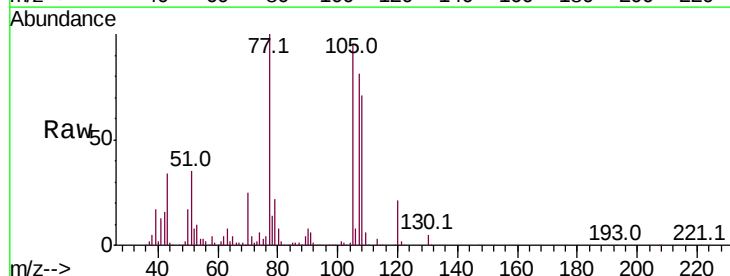
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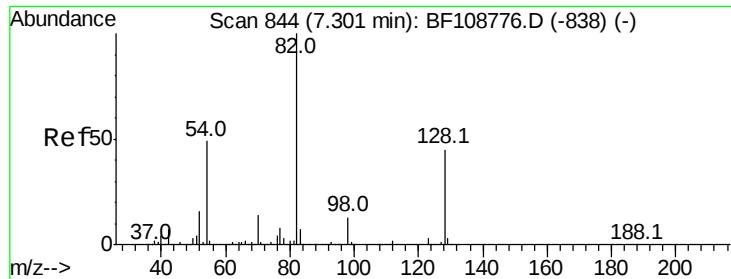
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#22
Acetophenone
Concen: 46.289 ng
RT: 7.15 min Scan# 818
Delta R.T. -0.00 min
Lab File: BF108873.D
Acq: 7 Sep 2018 20:54

Tgt Ion	Ratio	Resp	Lower	Upper
105	100			
71	4.4	4.4	6.6#	
51	36.5	22.3	33.5#	
120	22.1	16.9	25.3	





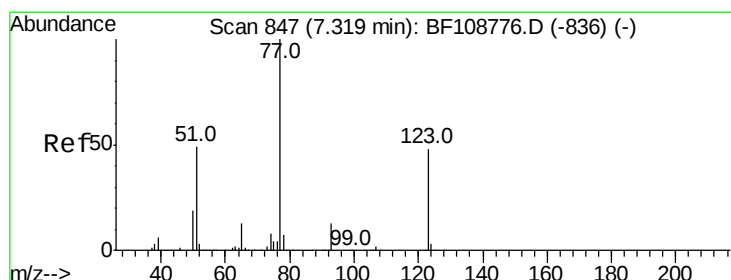
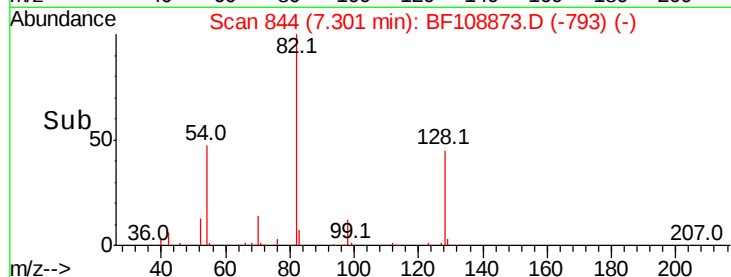
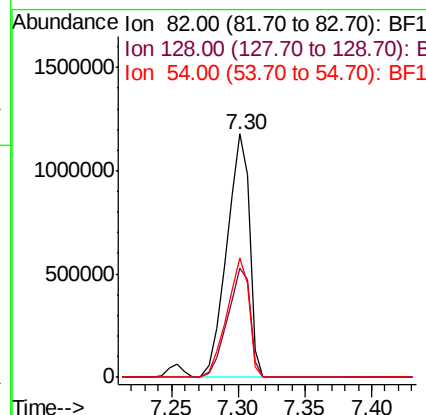
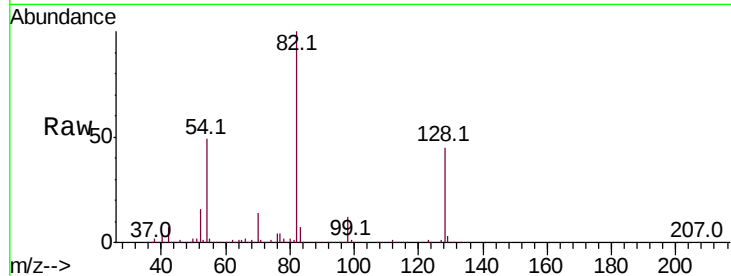
#23
Nitrobenzene-d5
Concen: 106.300 ng
RT: 7.30 min Scan# 844
Delta R.T. -0.00 min
Lab File: BF108873.D
Acq: 7 Sep 2018 20:54

Instrument :
BNA_F
ClientSampleId :
PB112683BS

Tot Ion	Ratio	Lower	Upper
82	100		
128	44.8	36.1	54.1
54	48.9	41.4	62.2

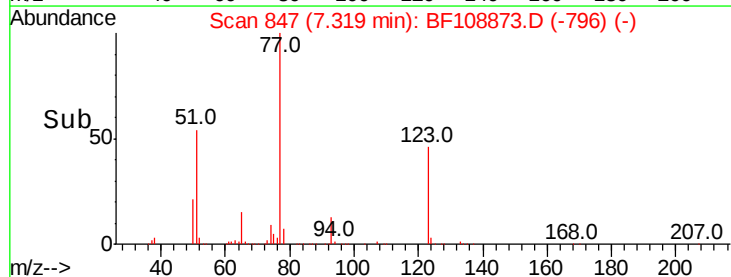
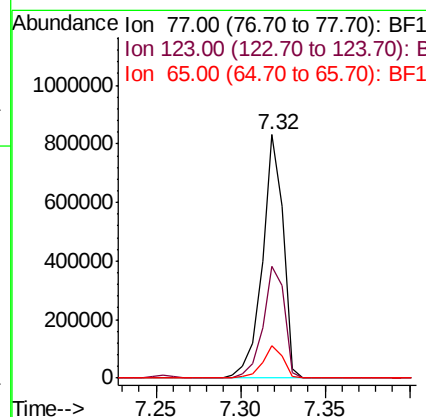
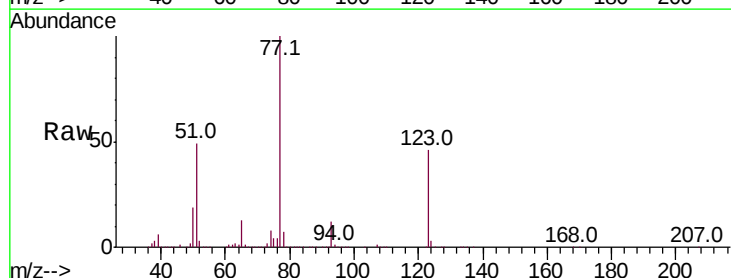
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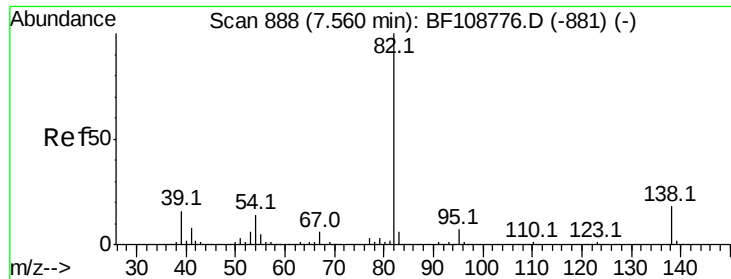
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#24
Nitrobenzene
Concen: 49.987 ng
RT: 7.32 min Scan# 847
Delta R.T. -0.00 min
Lab File: BF108873.D
Acq: 7 Sep 2018 20:54

Tgt Ion	Ratio	Lower	Upper
77	100		
123	46.1	37.9	56.9
65	13.3	11.0	16.4





#25

Isophorone

Concen: 50.563 ng

RT: 7.57 min Scan# 889

Delta R.T. 0.01 min

Lab File: BF108873.D

Acq: 7 Sep 2018 20:54

Instrument :

BNA_F

ClientSampleId :

PB112683BS

Tot Ion: 82 Resp: 1344326

Ion Ratio Lower Upper

82 100

95 6.8 5.2 7.8

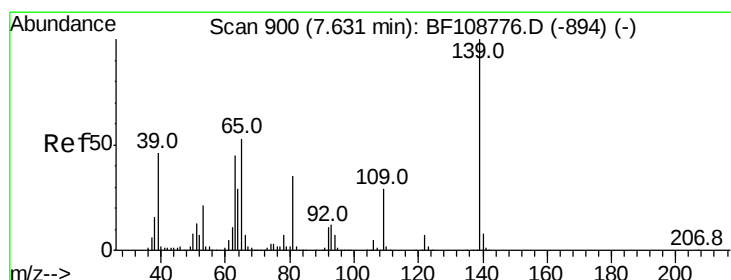
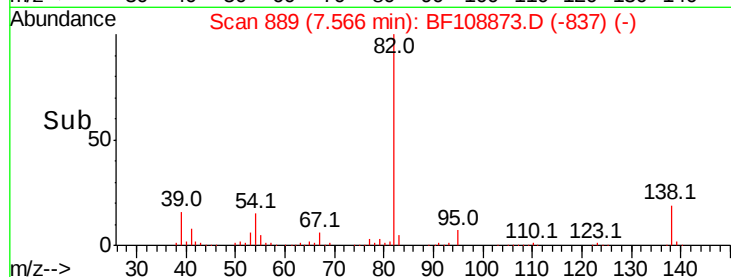
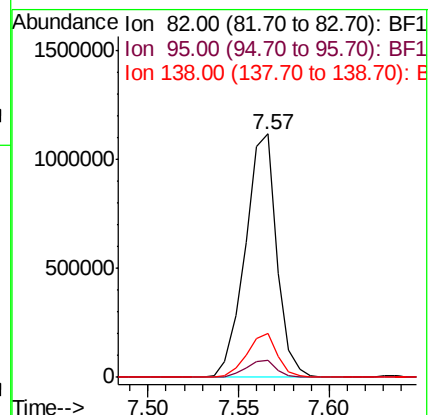
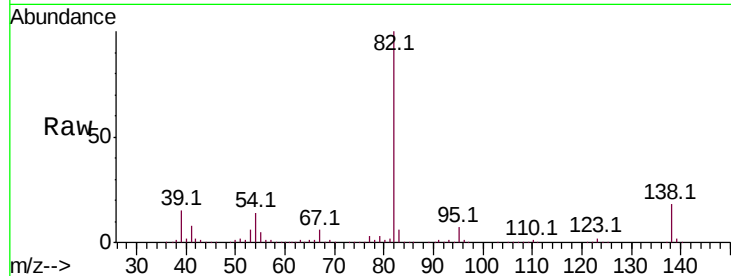
138 18.2 14.9 22.3

Manual Integrations

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#26

2-Nitrophenol

Concen: 54.854 ng

RT: 7.64 min Scan# 901

Delta R.T. 0.01 min

Lab File: BF108873.D

Acq: 7 Sep 2018 20:54

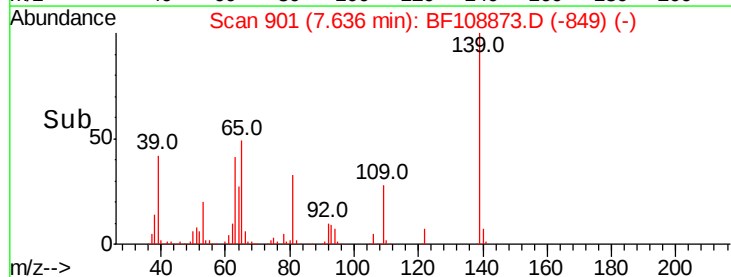
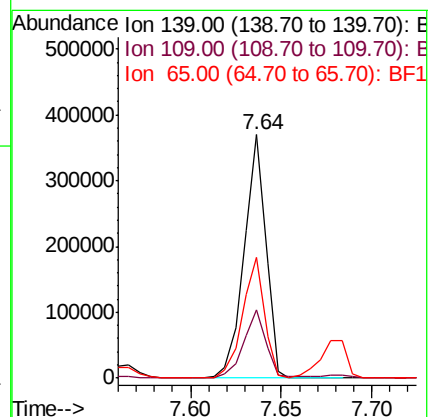
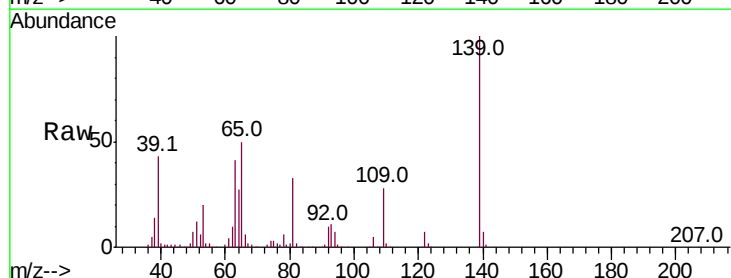
Tgt Ion: 139 Resp: 309074

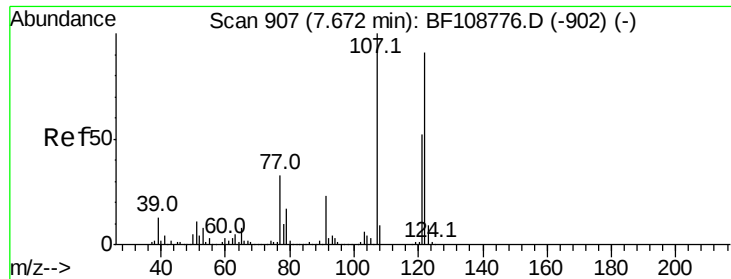
Ion Ratio Lower Upper

139 100

109 27.9 22.7 34.1

65 49.7 40.5 60.7





#27

2,4-Dimethylphenol

Concen: 54.134 ng

RT: 7.68 min Scan# 909

Delta R.T. 0.01 min

Lab File: BF108873.D

Acq: 7 Sep 2018 20:54

Instrument :

BNA_F

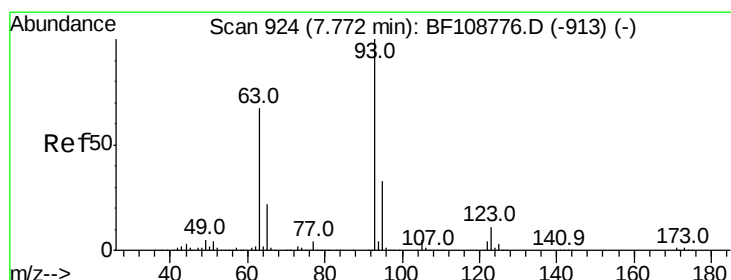
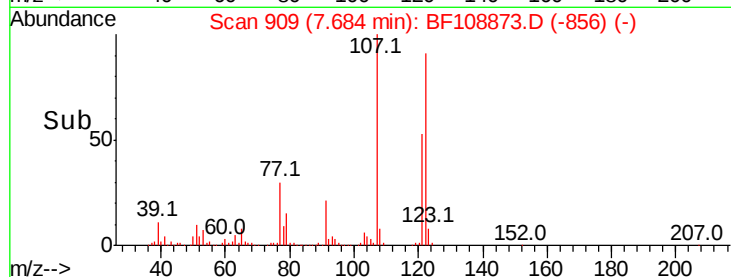
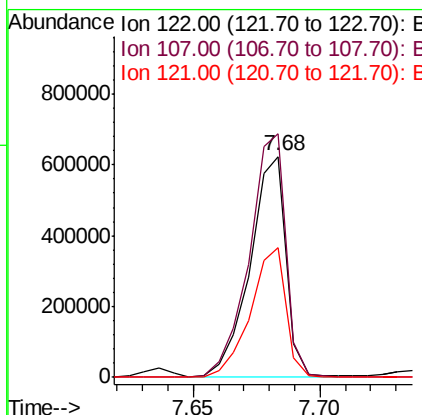
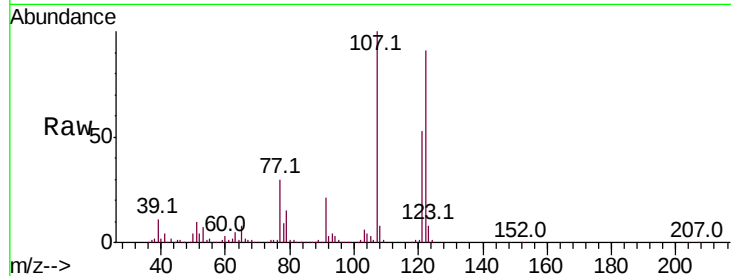
ClientSampleId :

PB112683BS

Tot Ion:	122	Resp:	619398
Ion Ratio	Lower	Upper	
122	100		
107	110.2	91.2	136.8
121	58.7	47.2	70.8

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#28

bis(2-Chloroethoxy)methane

Concen: 48.250 ng

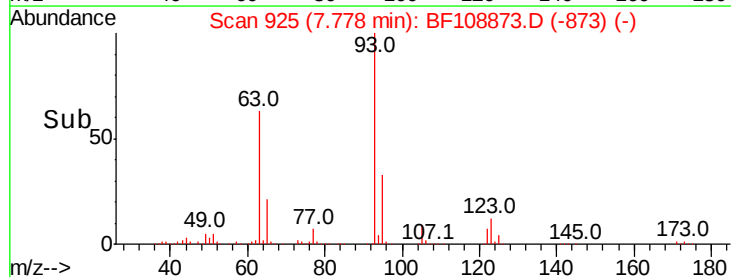
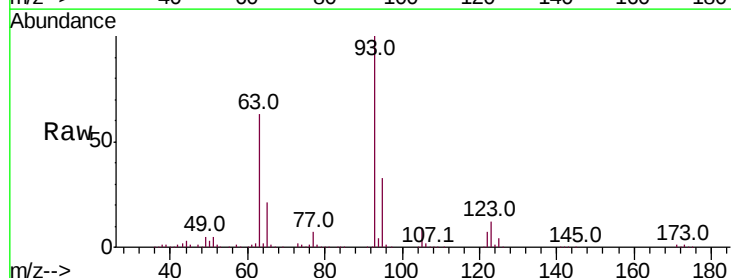
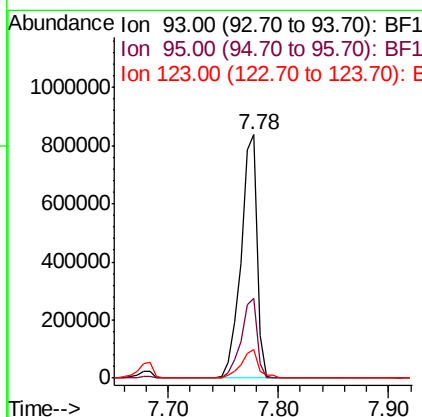
RT: 7.78 min Scan# 925

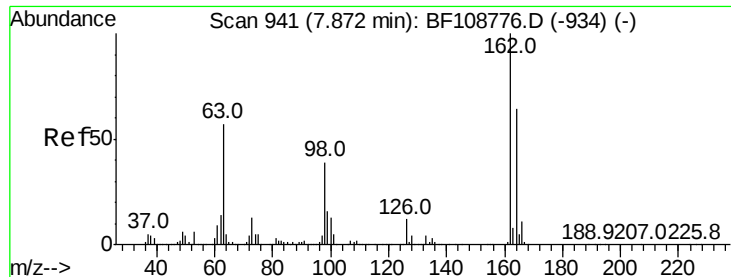
Delta R.T. 0.01 min

Lab File: BF108873.D

Acq: 7 Sep 2018 20:54

Tgt Ion:	93	Resp:	857693
Ion Ratio	Lower	Upper	
93	100		
95	32.6	26.3	39.5
123	11.7	9.8	14.6





#29

2,4-Dichlorophenol

Concen: 48.137 ng

RT: 7.88 min Scan# 942

Delta R.T. 0.01 min

Lab File: BF108873.D

Acq: 7 Sep 2018 20:54

Instrument :

BNA_F

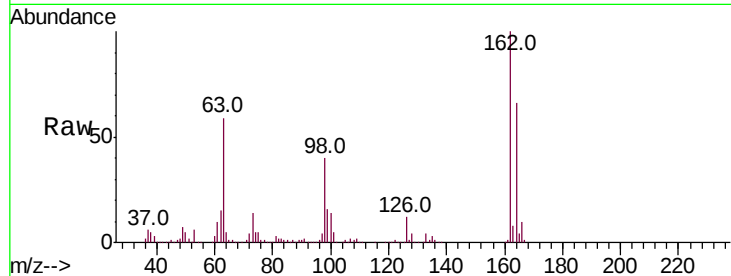
ClientSampleId :

PB112683BS

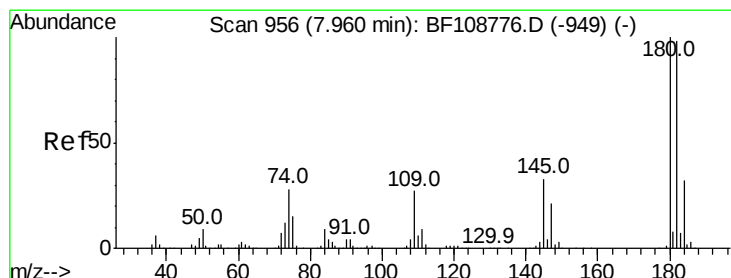
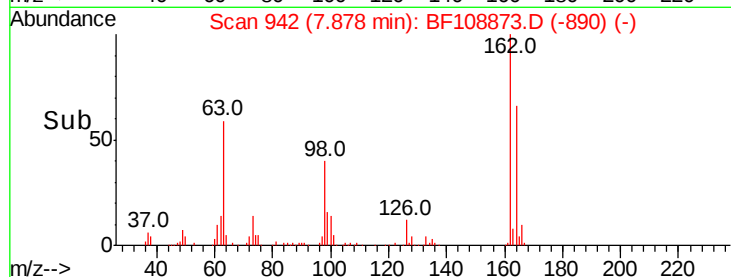
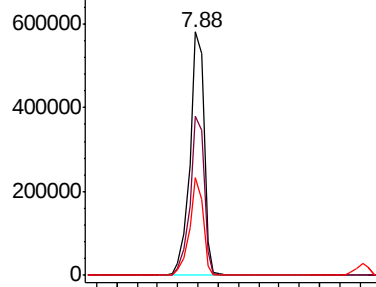
Tot Ion:	162	Resp:	567923
Ion Ratio	Lower	Upper	
162	100		
164	65.6	42.7	82.7
98	40.0	18.1	58.1

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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: 44.783 ng

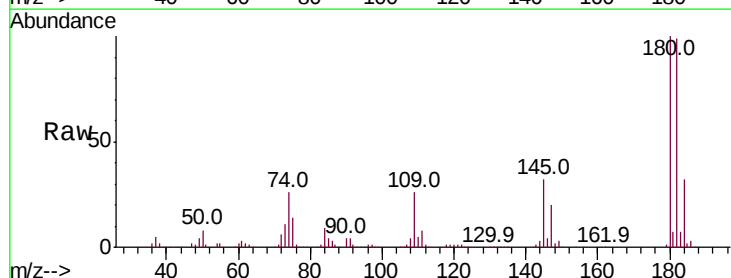
RT: 7.97 min Scan# 957

Delta R.T. 0.01 min

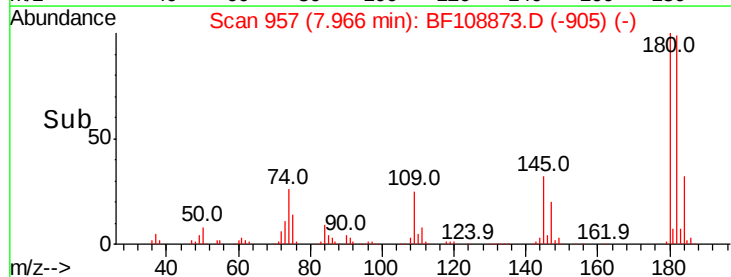
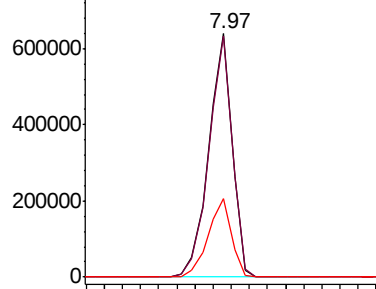
Lab File: BF108873.D

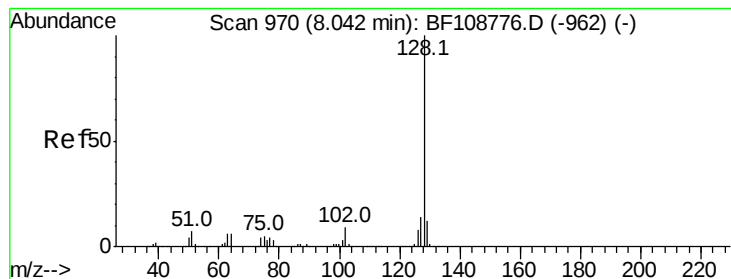
Acq: 7 Sep 2018 20:54

Tgt Ion:	180	Resp:	572593
Ion Ratio	Lower	Upper	
180	100		
182	98.9	76.8	115.2
145	32.3	26.5	39.7



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: 49.224 ng

RT: 8.04 min Scan# 970

Delta R.T. -0.00 min

Lab File: BF108873.D

Acq: 7 Sep 2018 20:54

Instrument :

BNA_F

ClientSampleId :

PB112683BS

Tot Ion:128 Resp: 1847307

Ion Ratio Lower Upper

128 100

129 12.0 8.8 13.2

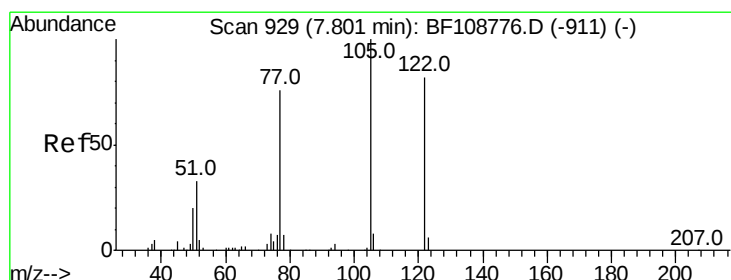
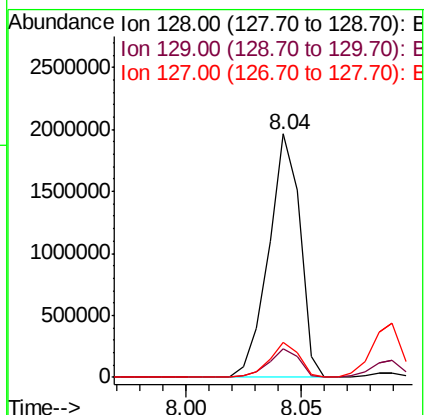
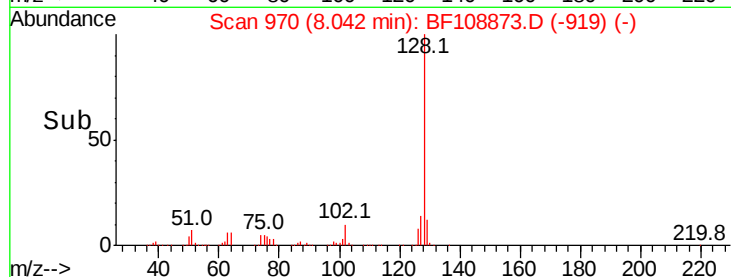
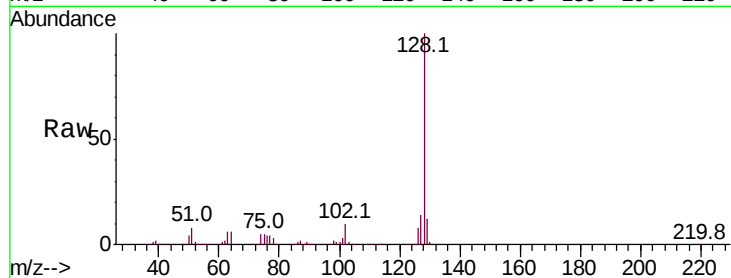
127 14.1 10.9 16.3

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#32

Benzoic acid

Concen: 40.964 ng m

RT: 7.80 min Scan# 928

Delta R.T. -0.01 min

Lab File: BF108873.D

Acq: 7 Sep 2018 20:54

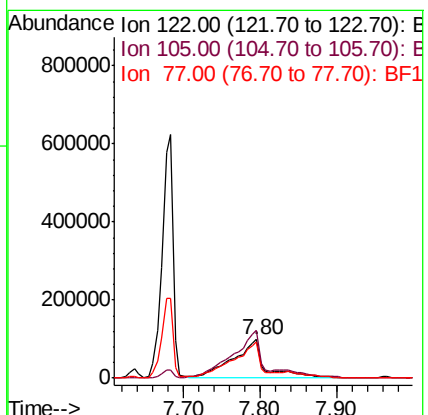
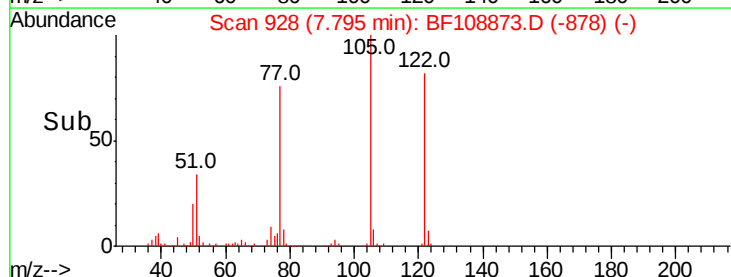
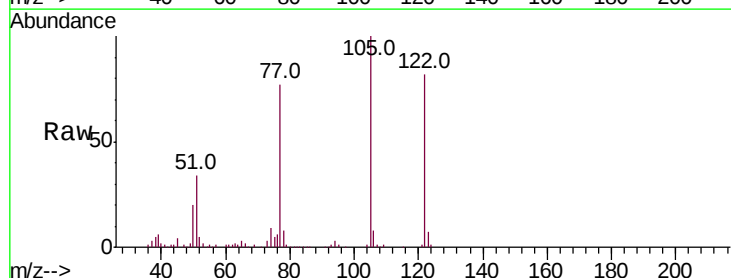
Tgt Ion:122 Resp: 296613

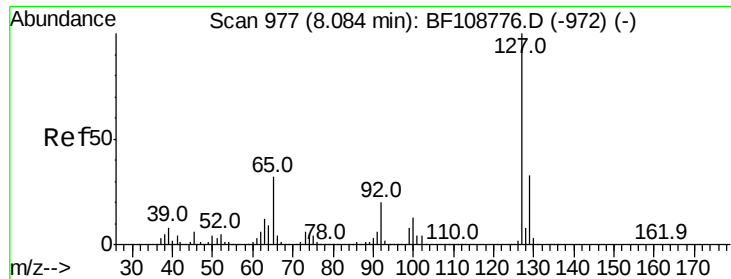
Ion Ratio Lower Upper

122 100

105 122.2 101.1 141.1

77 93.6 70.7 110.7





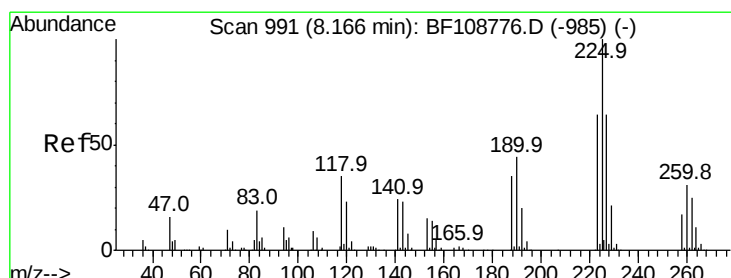
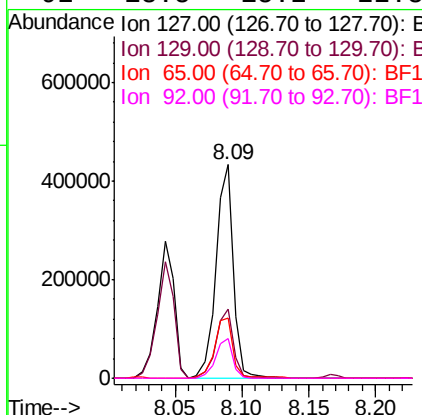
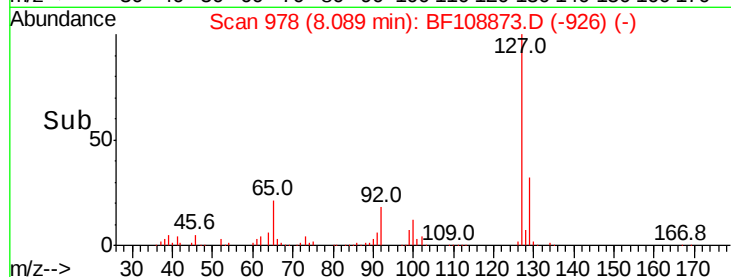
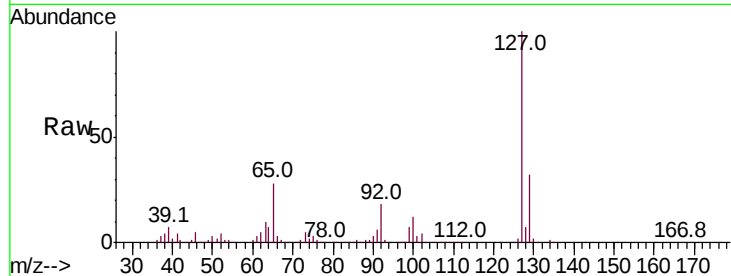
#33
4-Chloroaniline
Concen: 23.191 ng
RT: 8.09 min Scan# 978
Delta R.T. 0.01 min
Lab File: BF108873.D
Acq: 7 Sep 2018 20:54

Instrument :
BNA_F
ClientSampleId :
PB112683BS

Tot Ion	Ratio	Resp	Lower	Upper
127	100			
129	32.4	25.9	38.9	
65	28.0	25.0	37.4	
92	18.5	15.2	22.8	

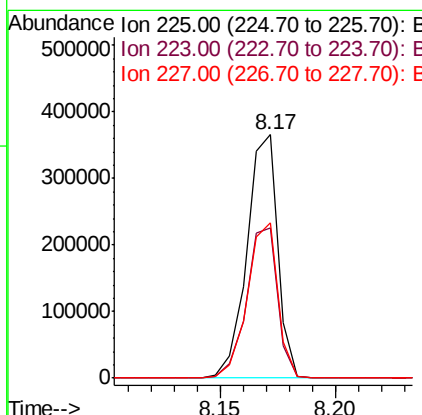
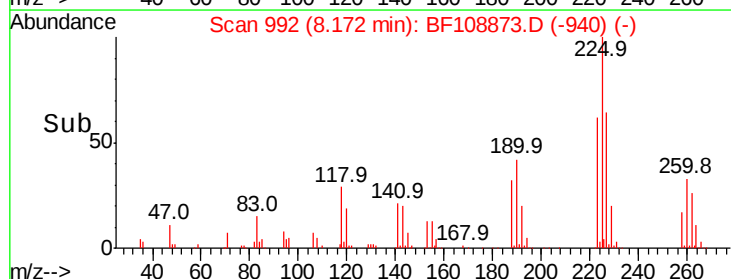
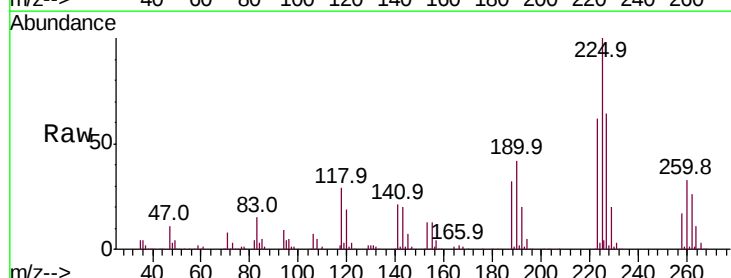
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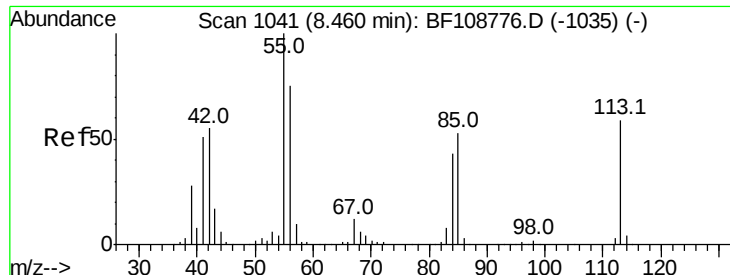
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#34
Hexachlorobutadiene
Concen: 44.719 ng
RT: 8.17 min Scan# 992
Delta R.T. 0.01 min
Lab File: BF108873.D
Acq: 7 Sep 2018 20:54

Tgt Ion	Ratio	Resp	Lower	Upper
225	100			
223	61.8	50.6	76.0	
227	64.0	51.9	77.9	





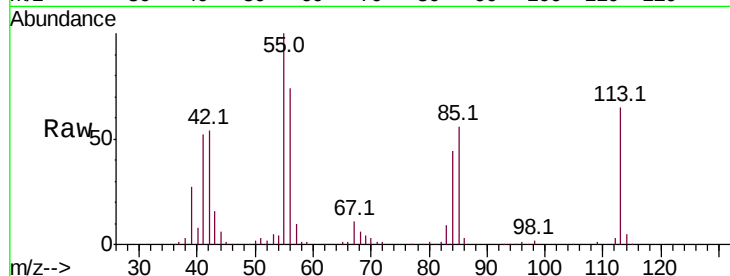
#35
 Caprolactam
 Concen: 48.156 ng/ml
 RT: 8.47 min Scan# 1042
 Delta R.T. 0.01 min
 Lab File: BF108873.D
 Acq: 7 Sep 2018 20:54

Instrument :
 BNA_F
 ClientSampleID :
 PB112683BS

Tot Ion	Ratio	Resp	Lower	Upper
113	100			
55	155.0	163.3	203.3#	
56	115.3	115.7	155.7#	

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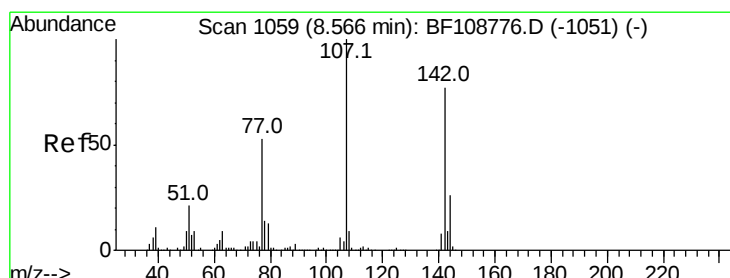
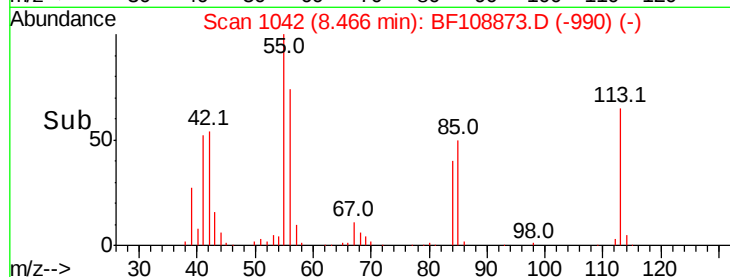
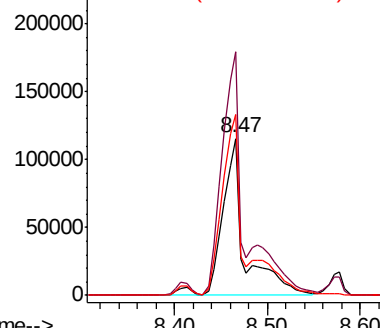


Abundance

Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF1

Ion 56.00 (55.70 to 56.70): BF1



#36
 4-Chloro-3-methylphenol
 Concen: 47.230 ng/ml
 RT: 8.58 min Scan# 1061
 Delta R.T. 0.01 min
 Lab File: BF108873.D
 Acq: 7 Sep 2018 20:54

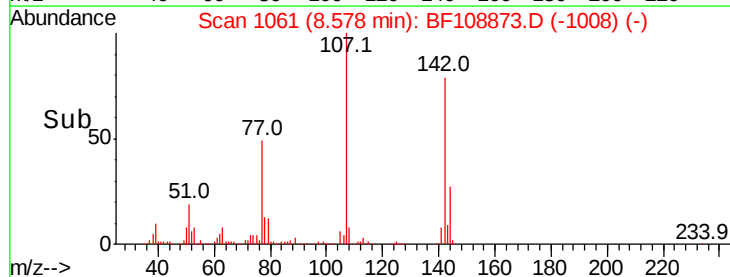
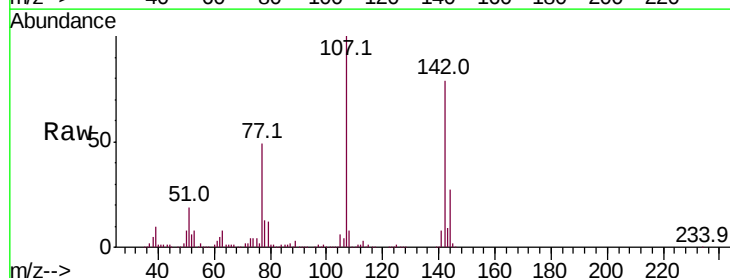
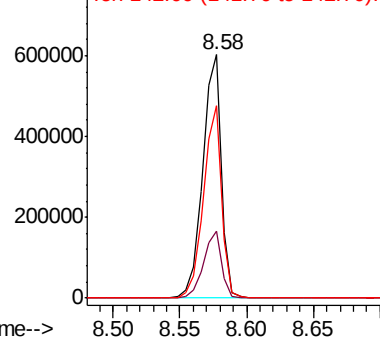
Tgt Ion	Ratio	Resp	Lower	Upper
107	100			
144	27.3	20.5	30.7	
142	79.1	62.0	93.0	

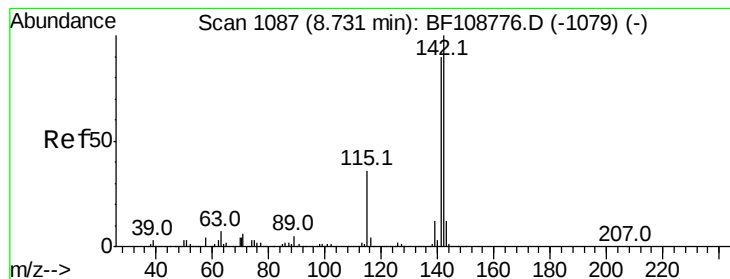
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





#37

2-Methylnaphthalene

Concen: 49.605 ng

RT: 8.74 min Scan# 1088

Delta R.T. 0.01 min

Lab File: BF108873.D

Acq: 7 Sep 2018 20:54

Instrument :

BNA_F

ClientSampleId :

PB112683BS

Tot Ion:142 Resp: 1229867

Ion Ratio Lower Upper

142 100

141 88.8 70.8 106.2

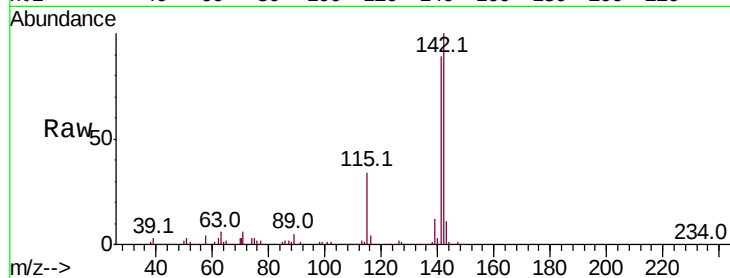
115 34.3 26.1 39.1

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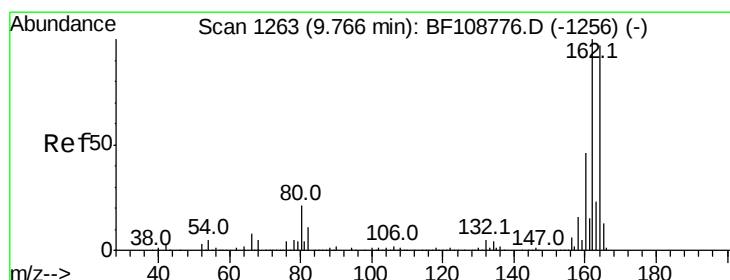
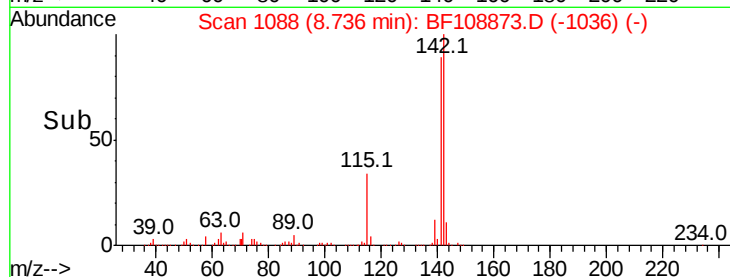
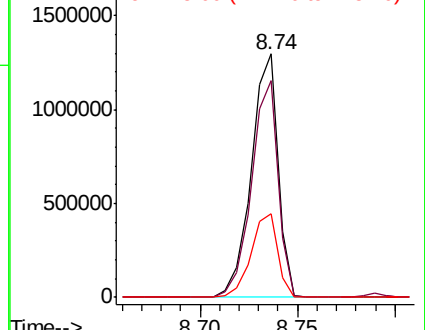
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Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.77 min Scan# 1264

Delta R.T. 0.01 min

Lab File: BF108873.D

Acq: 7 Sep 2018 20:54

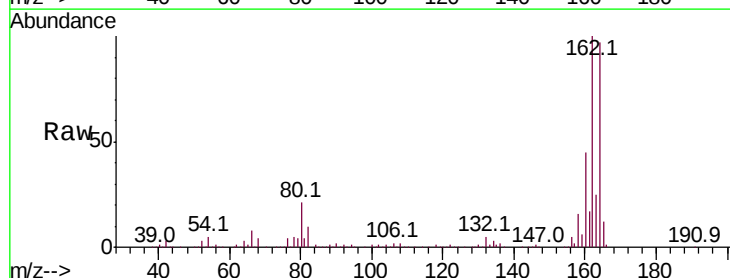
Tgt Ion:164 Resp: 379704

Ion Ratio Lower Upper

164 100

162 103.1 86.1 129.1

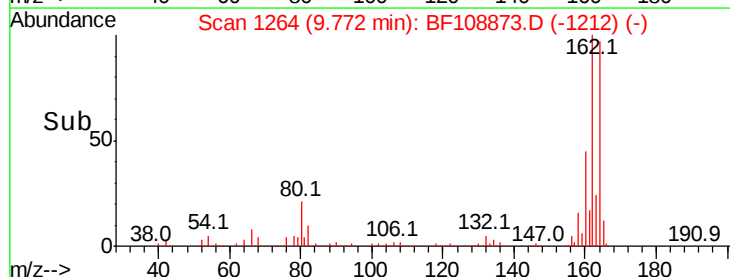
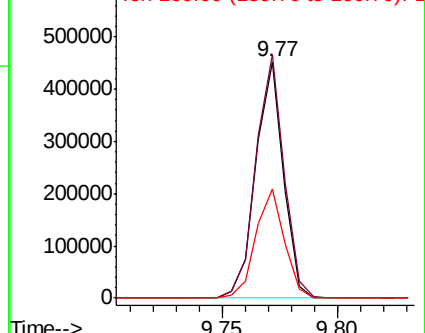
160 46.1 38.3 57.5

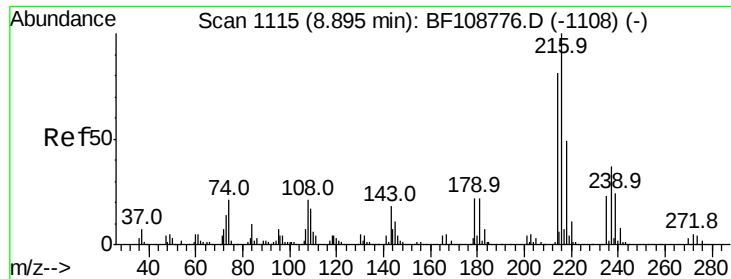


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E





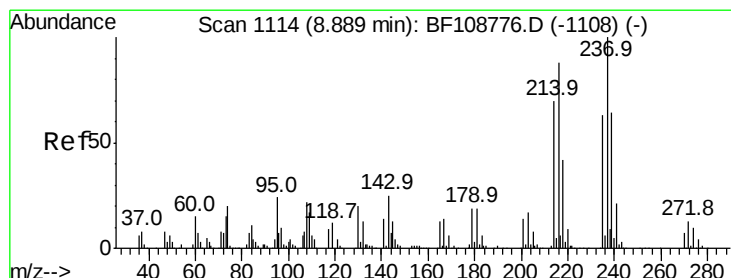
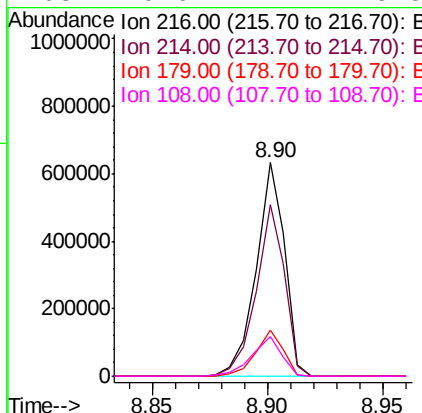
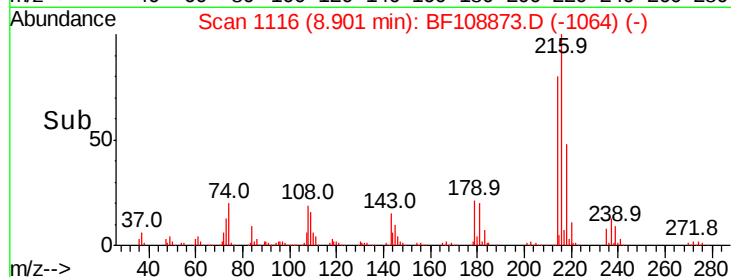
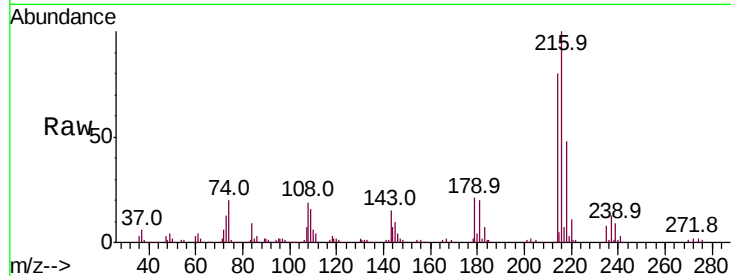
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 48.097 ng
 RT: 8.90 min Scan# 1116
 Delta R.T. 0.01 min
 Lab File: BF108873.D
 Acq: 7 Sep 2018 20:54

Instrument :
 BNA_F
 ClientSampleId :
 PB112683BS

Tot Ion:	216	Resp:	545926
Ion Ratio		Lower	Upper
216	100		
214	79.5	63.0	94.4
179	20.9	18.1	27.1
108	19.6	17.2	25.8

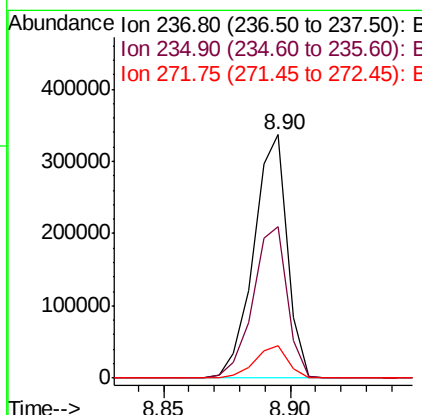
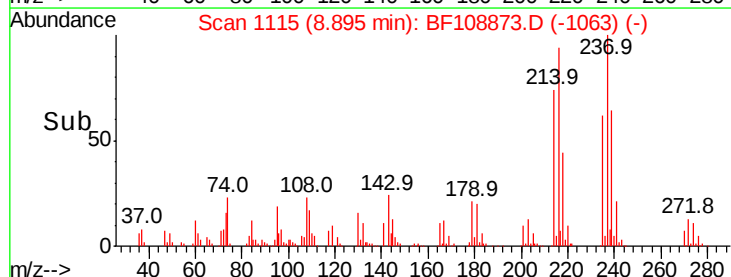
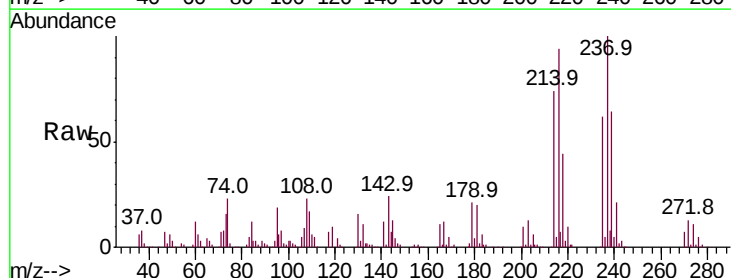
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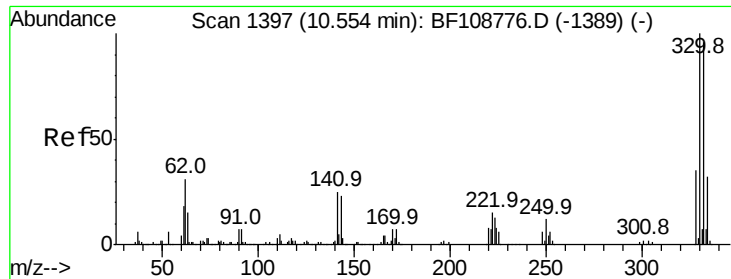
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#40
 Hexachlorocyclopentadiene
 Concen: 54.507 ng
 RT: 8.90 min Scan# 1115
 Delta R.T. 0.01 min
 Lab File: BF108873.D
 Acq: 7 Sep 2018 20:54

Tgt Ion:	237	Resp:	311245
Ion Ratio		Lower	Upper
237	100		
235	62.4	44.8	84.8
272	13.2	0.0	33.3





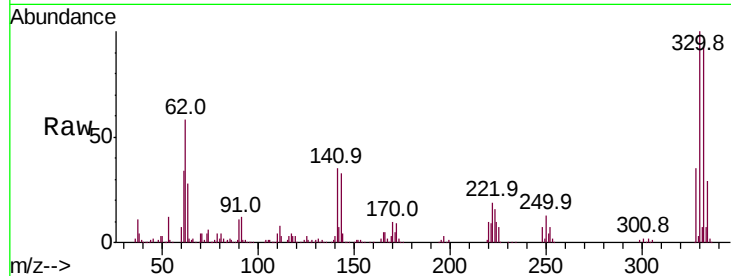
#41
 2,4,6-Tribromophenol
 Concen: 96.440 ng
 RT: 10.55 min Scan# 1397
 Delta R.T. -0.00 min
 Lab File: BF108873.D
 Acq: 7 Sep 2018 20:54

Instrument :
 BNA_F
 ClientSampleID :
 PB112683BS

Tot Ion	Ratio	Resp	Lower	Upper
330	100	349580		
332	94.6	77.0	115.6	
141	31.9	29.9	44.9	

Manual Integrations
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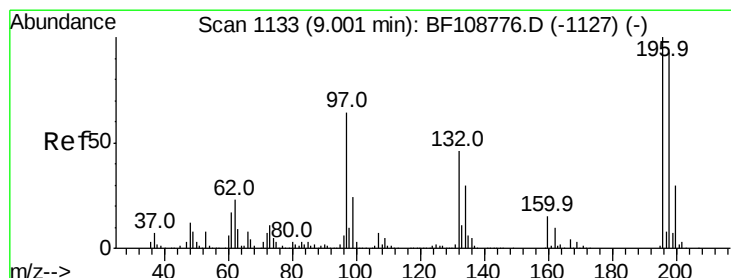
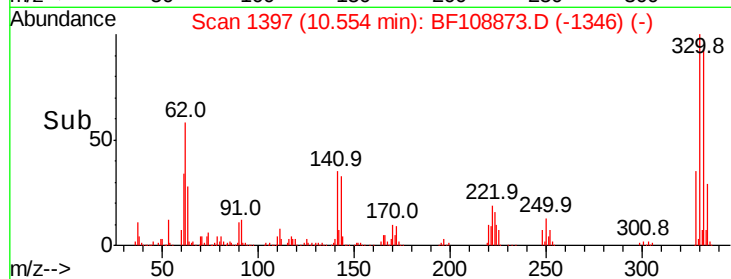
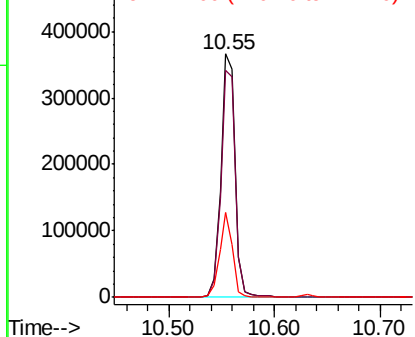


Abundance

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: 50.948 ng
 RT: 9.01 min Scan# 1135
 Delta R.T. 0.01 min
 Lab File: BF108873.D
 Acq: 7 Sep 2018 20:54

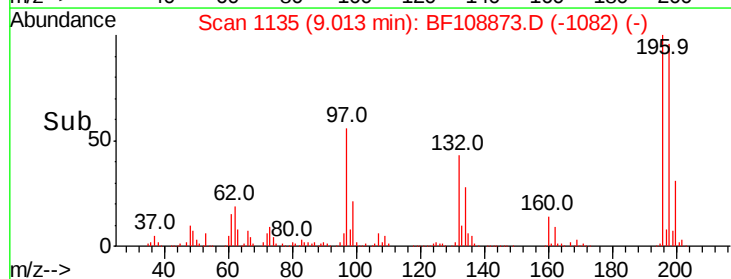
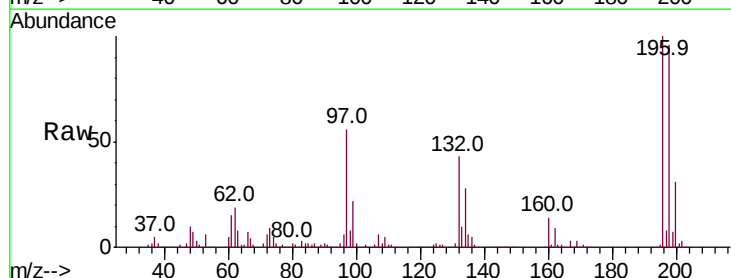
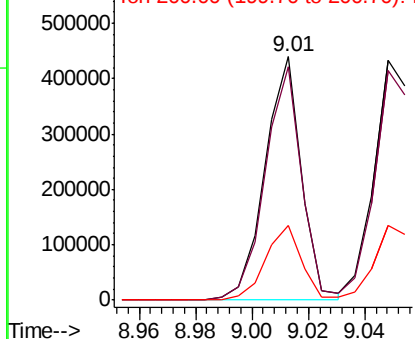
Tgt Ion	Ratio	Resp	Lower	Upper
196	100	393888		
198	95.8	75.7	113.5	
200	30.8	24.5	36.7	

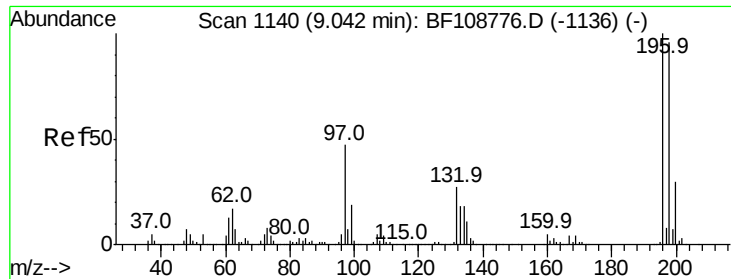
Abundance

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





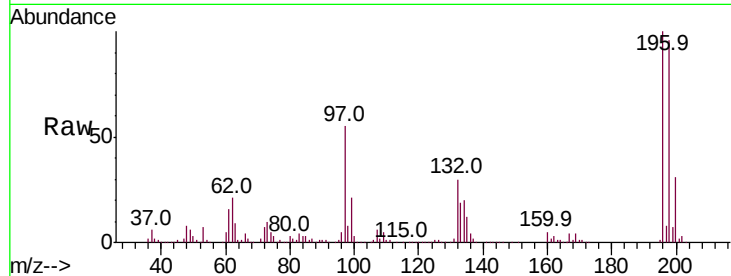
#43
2,4,5-Trichlorophenol
Concen: 50.976 ng
RT: 9.05 min Scan# 1141
Delta R.T. 0.01 min
Lab File: BF108873.D
Acq: 7 Sep 2018 20:54

Instrument :
BNA_F
ClientSampleId :
PB112683BS

Tot Ion	Ratio	Resp	Lower	Upper
196	100	408510		
198	95.8	74.6	112.0	
97	55.3	42.9	64.3	
132	29.9	26.3	39.5	

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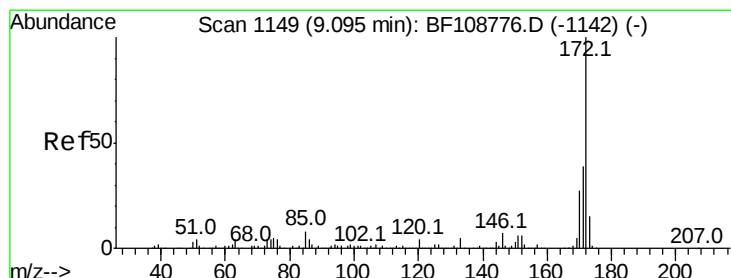
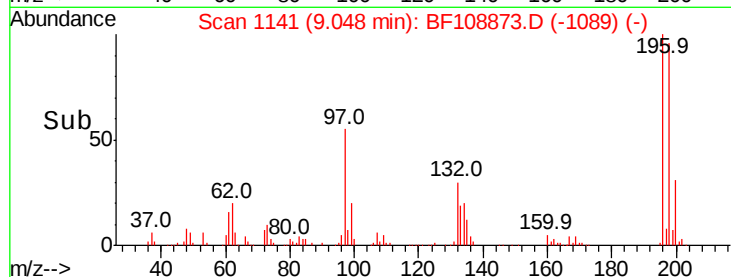
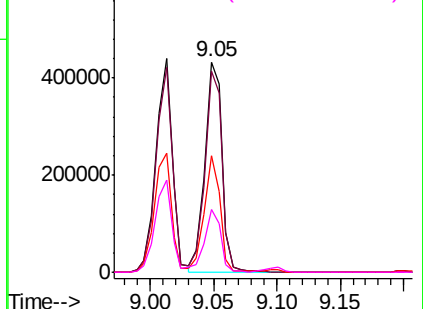
Abundance

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: 103.459 ng
RT: 9.10 min Scan# 1150
Delta R.T. 0.01 min
Lab File: BF108873.D
Acq: 7 Sep 2018 20:54

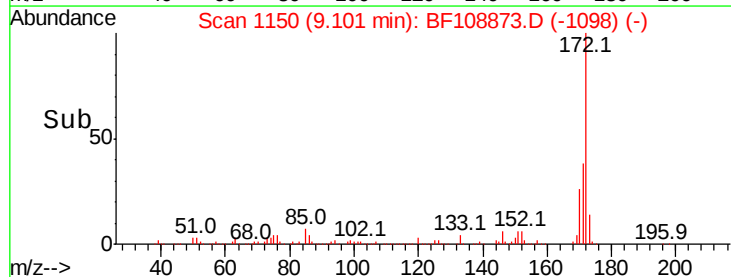
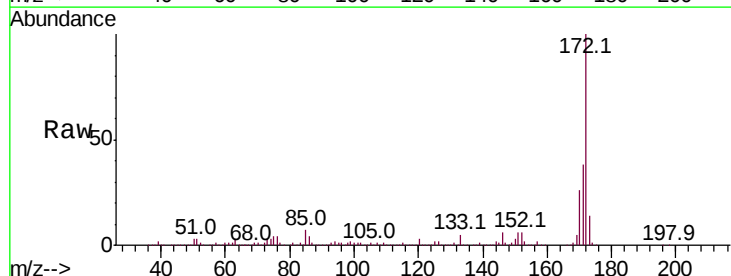
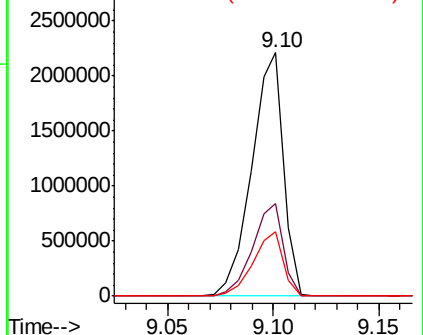
Tgt Ion	Ratio	Resp	Lower	Upper
172	100	2302702		
171	38.1	29.7	44.5	
170	26.3	19.6	29.4	

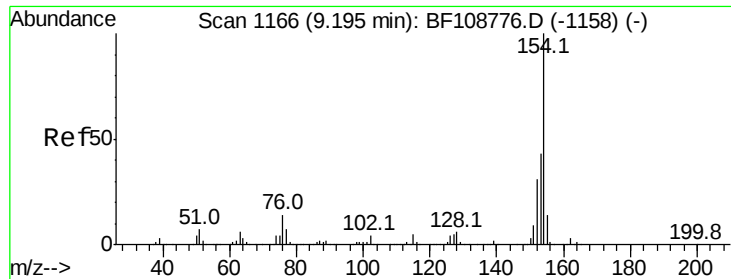
Abundance

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: 49.309 ng

RT: 9.20 min Scan# 1166

Delta R.T. -0.00 min

Lab File: BF108873.D

Acq: 7 Sep 2018 20:54

Instrument :

BNA_F

ClientSampleId :

PB112683BS

Tot Ion:154 Resp: 1441403

Ion Ratio Lower Upper

154 100

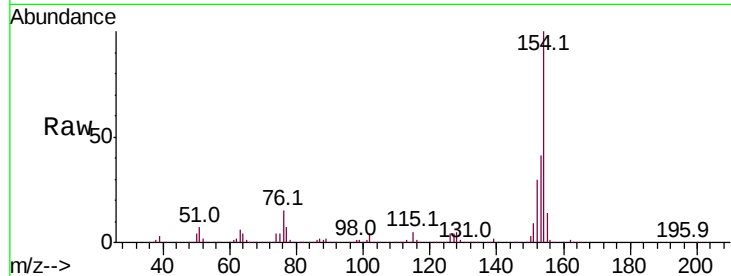
153 40.9 21.3 61.3

76 14.8 0.0 34.0

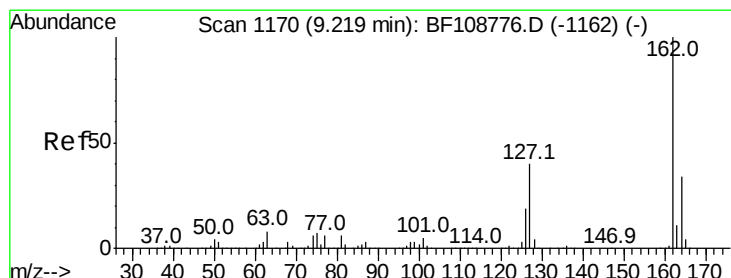
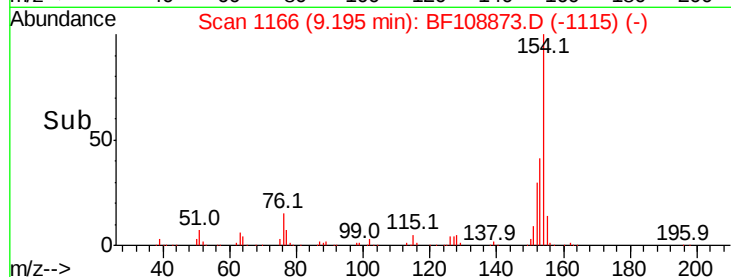
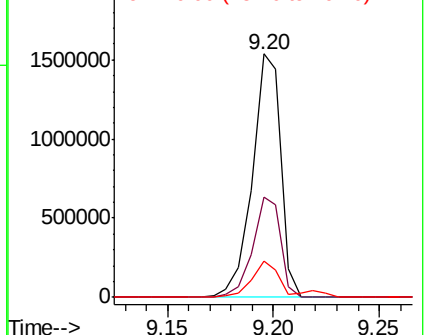
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Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 76.00 (75.70 to 76.70): BF1



#46

2-Chloronaphthalene

Concen: 47.624 ng

RT: 9.22 min Scan# 1170

Delta R.T. -0.00 min

Lab File: BF108873.D

Acq: 7 Sep 2018 20:54

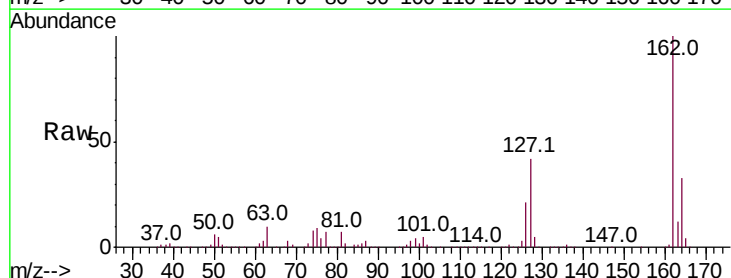
Tgt Ion:162 Resp: 1125889

Ion Ratio Lower Upper

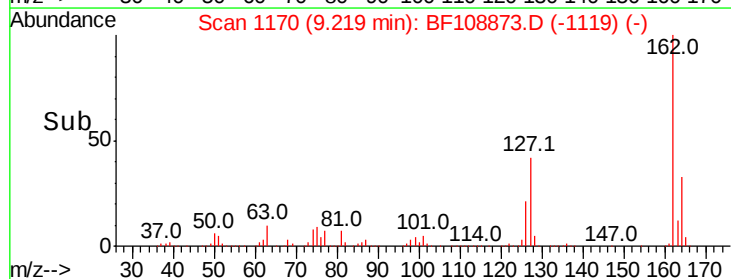
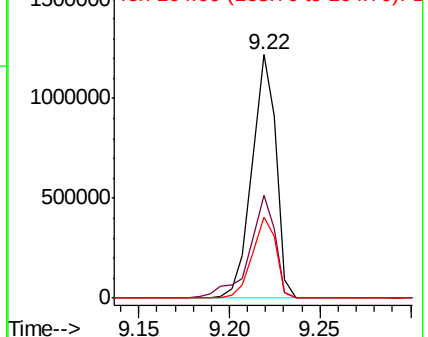
162 100

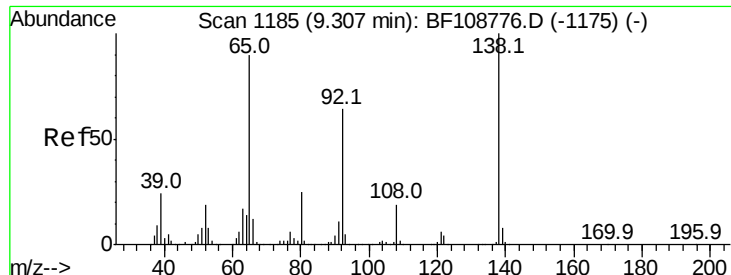
127 42.4 33.9 50.9

164 33.4 26.5 39.7



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: 57.448 ng

RT: 9.31 min Scan# 1186

Delta R.T. 0.01 min

Lab File: BF108873.D

Acq: 7 Sep 2018 20:54

Instrument :

BNA_F

ClientSampleId :

PB112683BS

Tot Ion: 65 Resp: 371027

Ion Ratio Lower Upper

65 100

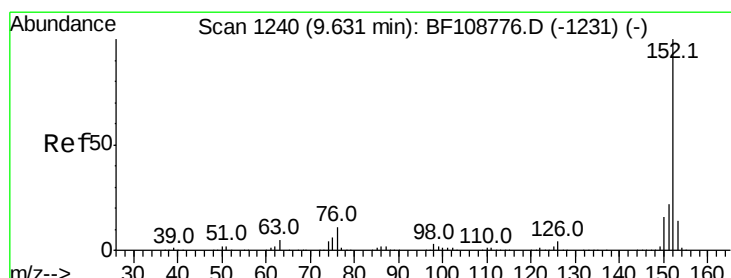
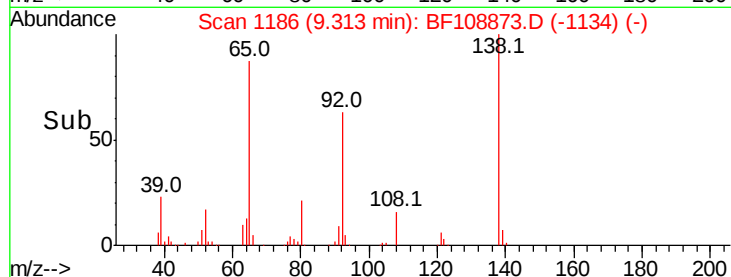
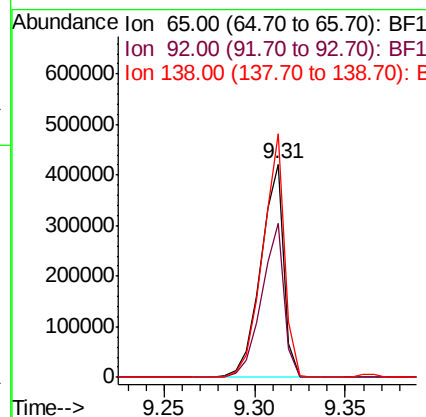
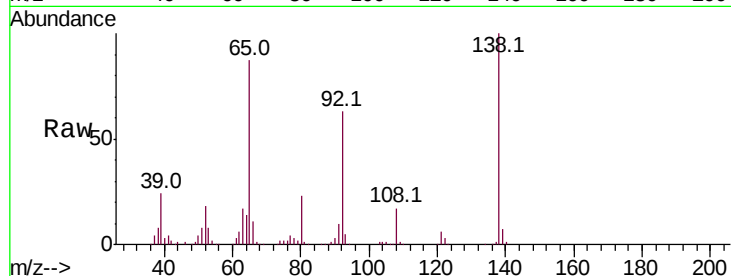
92 72.5 55.8 83.6

138 114.3 91.2 136.8

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#48

Acenaphthylene

Concen: 50.193 ng

RT: 9.64 min Scan# 1241

Delta R.T. 0.01 min

Lab File: BF108873.D

Acq: 7 Sep 2018 20:54

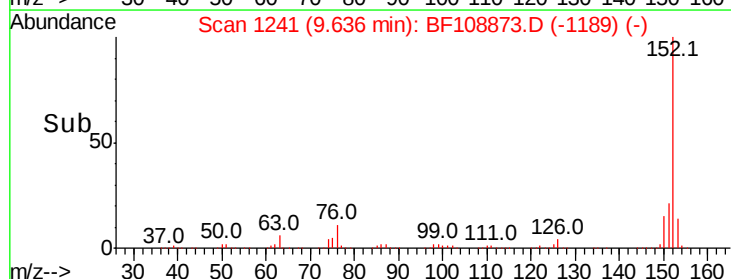
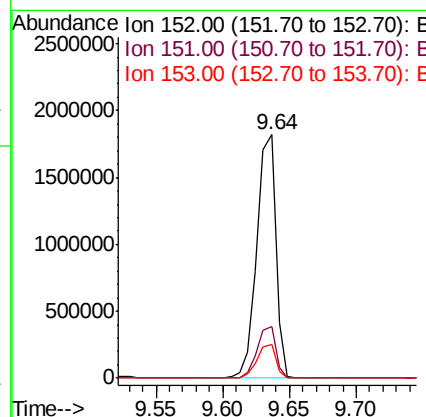
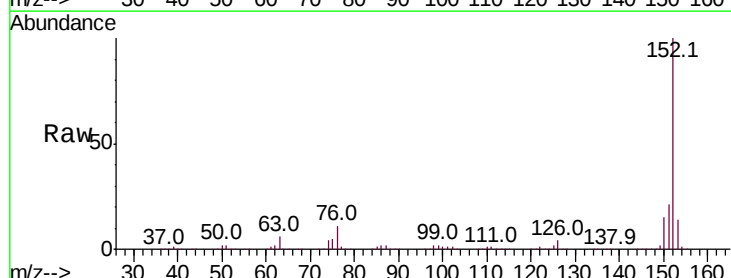
Tgt Ion: 152 Resp: 1768761

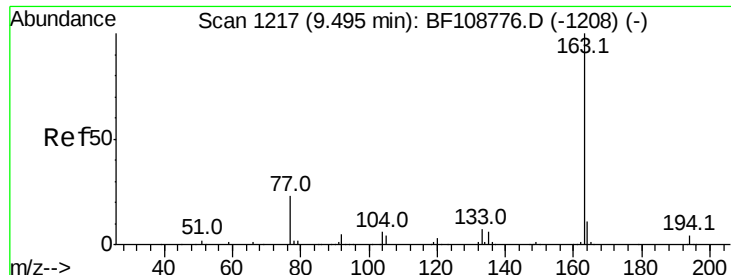
Ion Ratio Lower Upper

152 100

151 21.5 16.3 24.5

153 13.9 10.7 16.1





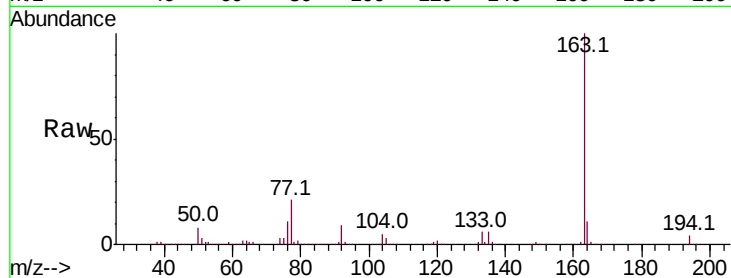
#49
Dimethylphthalate
Concen: 50.789 ng
RT: 9.50 min Scan# 1218
Delta R.T. 0.01 min
Lab File: BF108873.D
Acq: 7 Sep 2018 20:54

Instrument :
BNA_F
ClientSampleId :
PB112683BS

Tot Ion	Ratio	Lower	Upper
163	100		
194	4.0	2.7	4.1
164	10.6	8.2	12.2

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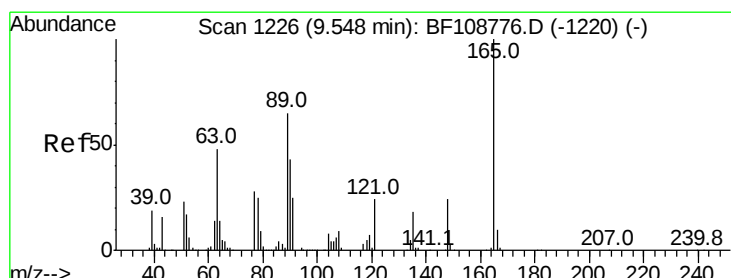
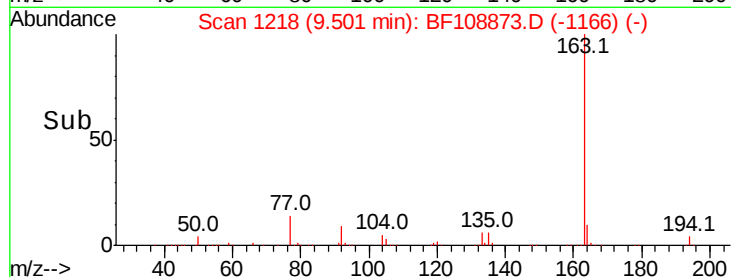
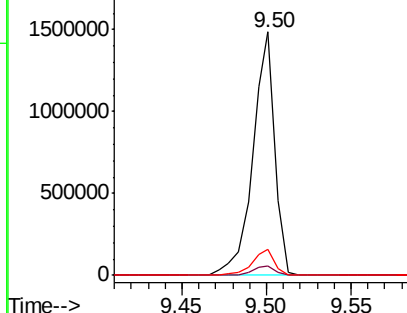


Abundance

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: 57.614 ng
RT: 9.55 min Scan# 1227
Delta R.T. 0.01 min
Lab File: BF108873.D
Acq: 7 Sep 2018 20:54

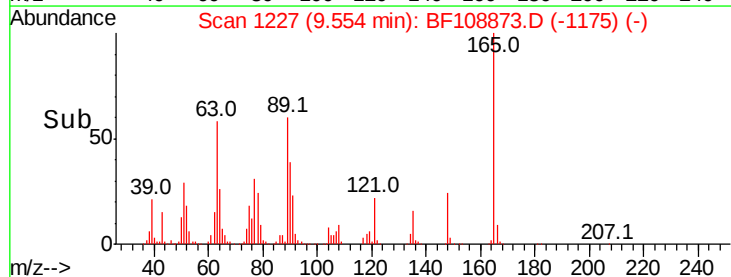
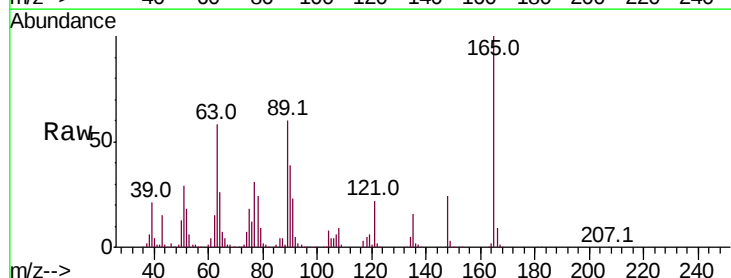
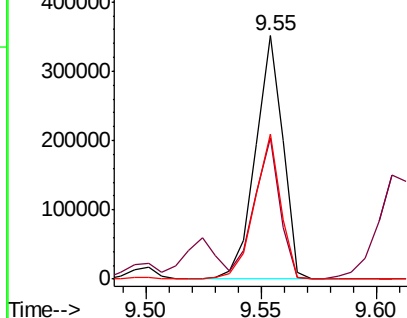
Tgt Ion	Ratio	Lower	Upper
165	100		
63	57.9	44.7	67.1
89	59.7	44.0	66.0

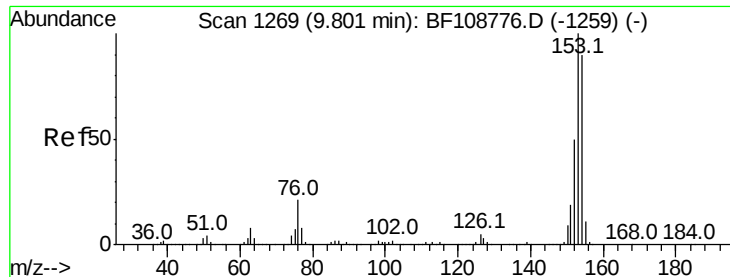
Abundance

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: 47.919 ng

RT: 9.81 min Scan# 1270

Delta R.T. 0.01 min

Lab File: BF108873.D

Acq: 7 Sep 2018 20:54

Instrument :

BNA_F

ClientSampleId :

PB112683BS

Tot Ion:154 Resp: 1044960

Ion Ratio Lower Upper

154 100

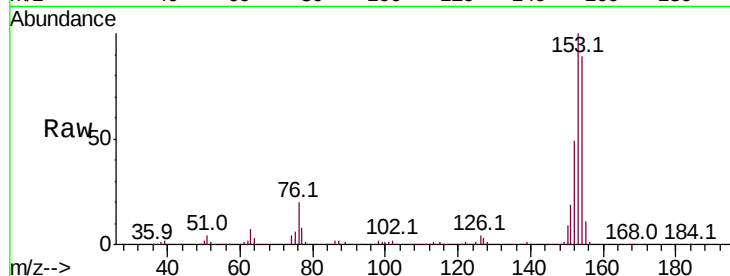
153 111.8 91.2 136.8

152 55.0 43.8 65.8

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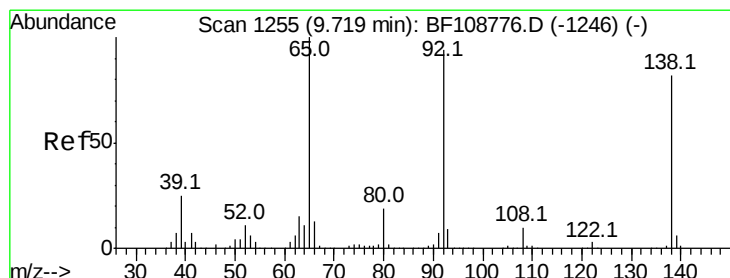
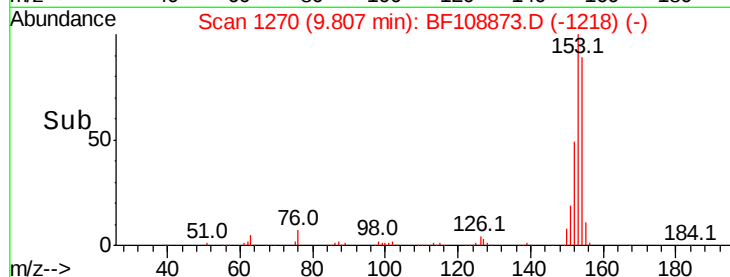
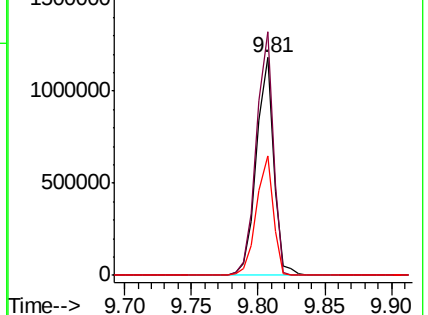
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Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 38.251 ng

RT: 9.72 min Scan# 1255

Delta R.T. -0.00 min

Lab File: BF108873.D

Acq: 7 Sep 2018 20:54

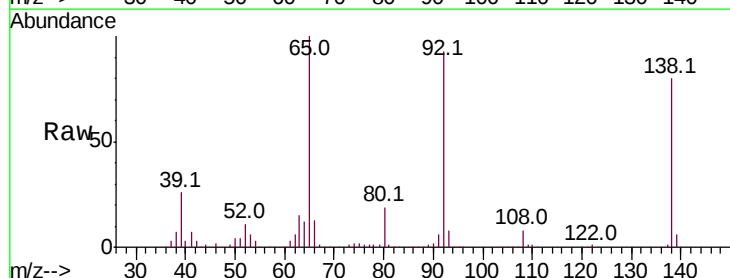
Tgt Ion:138 Resp: 230424

Ion Ratio Lower Upper

138 100

108 10.2 9.4 14.0

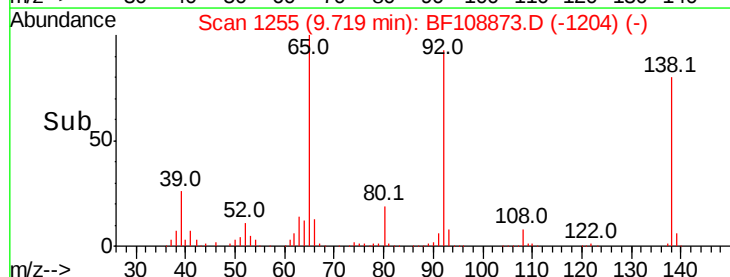
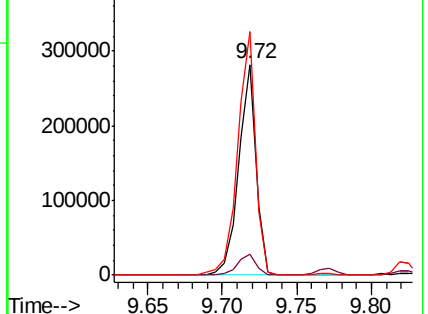
92 115.6 89.4 134.2

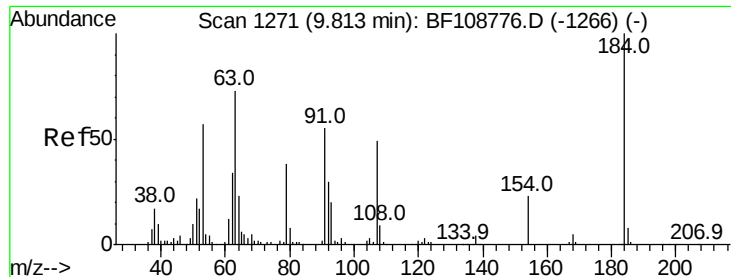


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF1





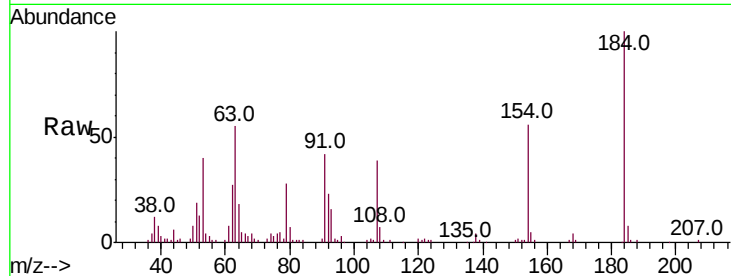
#53
 2,4-Dinitrophenol
 Concen: 36.815 ng
 RT: 9.82 min Scan# 1273
 Delta R.T. 0.01 min
 Lab File: BF108873.D
 Acq: 7 Sep 2018 20:54

Instrument :
 BNA_F
 ClientSampleId :
 PB112683BS

Tot Ion	Ratio	Lower	Upper
184	100		
63	54.8	54.2	81.2
154	56.5	184.0	276.0#

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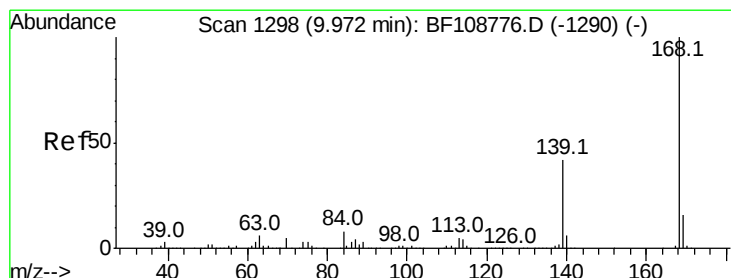
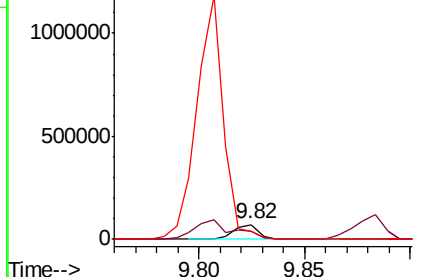
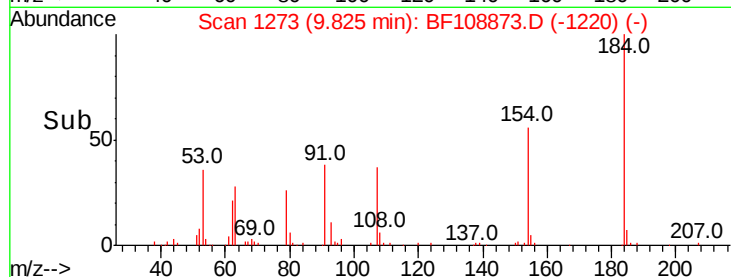


Abundance

Ion 184.00 (183.70 to 184.70): E

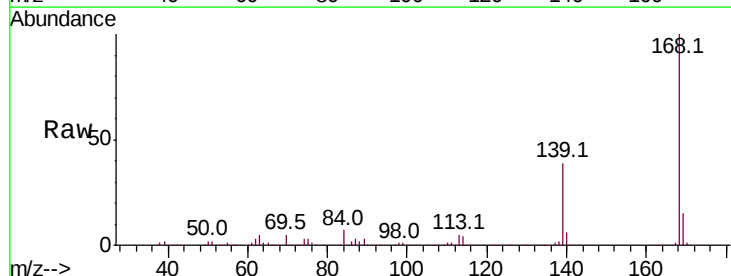
Ion 63.00 (62.70 to 63.70): BF1

Ion 154.00 (153.70 to 154.70): E



#54
 Dibenzofuran
 Concen: 46.998 ng
 RT: 9.98 min Scan# 1299
 Delta R.T. 0.01 min
 Lab File: BF108873.D
 Acq: 7 Sep 2018 20:54

Tgt Ion	Ratio	Lower	Upper
168	100		
139	39.3	30.1	45.1
169	14.8	10.9	16.3

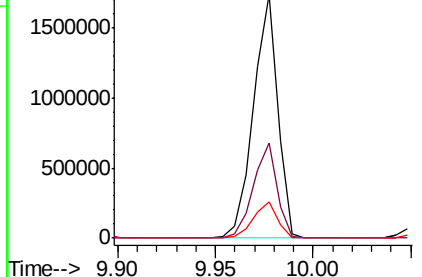
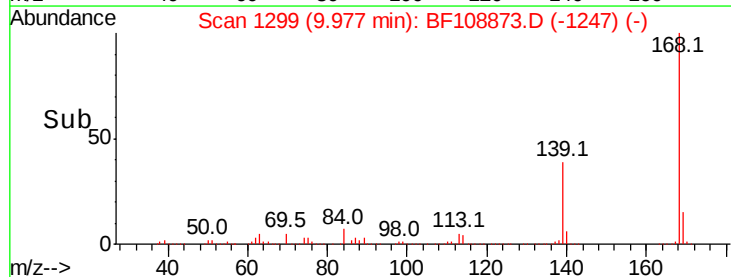


Abundance

Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E





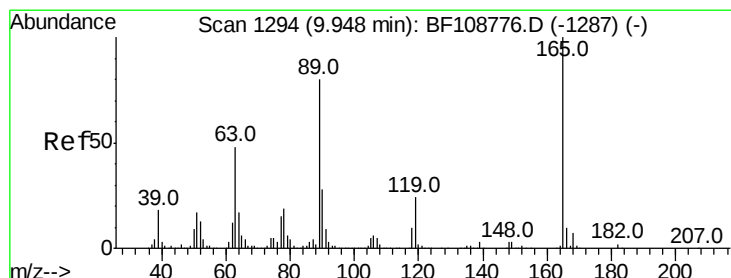
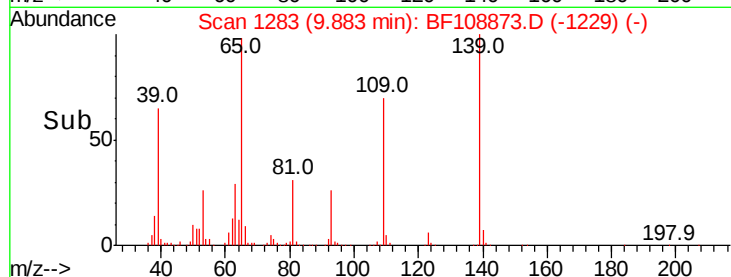
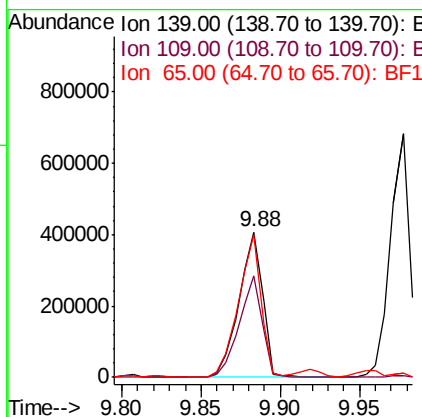
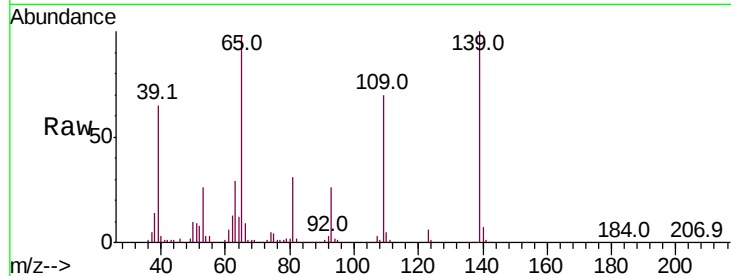
#55
4-Nitrophenol
Concen: 93.104 ng
RT: 9.88 min Scan# 1283
Delta R.T. 0.02 min
Lab File: BF108873.D
Acq: 7 Sep 2018 20:54

Instrument :
BNA_F
ClientSampleId :
PB112683BS

Tot Ion	Ratio	Resp	Lower	Upper
139	100			
109	69.8	48.4	88.4	
65	98.0	72.6	112.6	

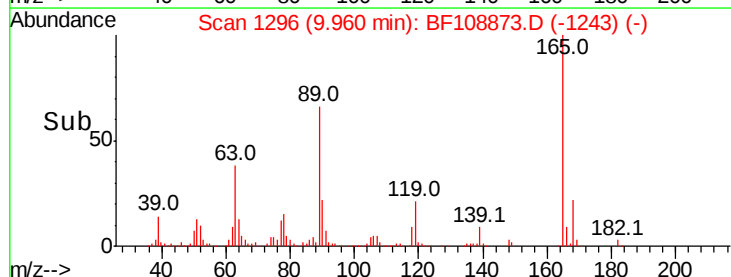
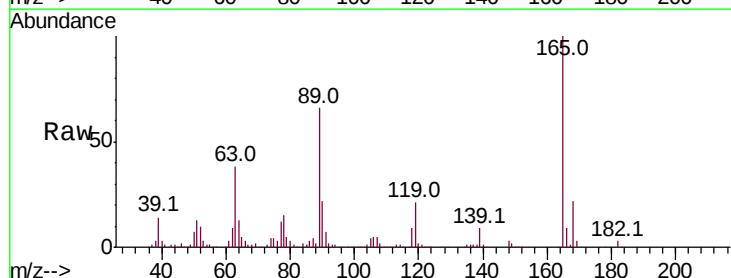
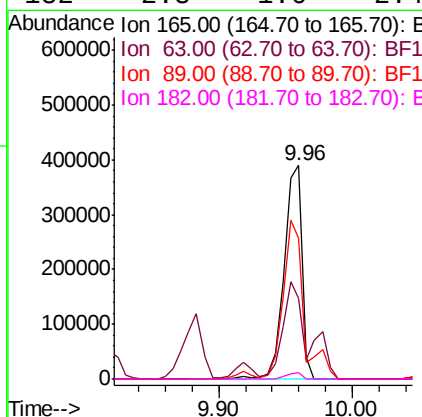
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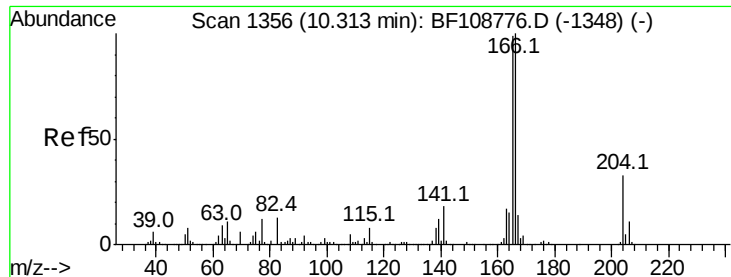
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#56
2,4-Dinitrotoluene
Concen: 56.890 ng
RT: 9.96 min Scan# 1296
Delta R.T. 0.01 min
Lab File: BF108873.D
Acq: 7 Sep 2018 20:54

Tgt Ion	Ratio	Resp	Lower	Upper
165	100			
63	37.7	36.4	54.6	
89	66.2	57.8	86.6	
182	2.8	1.6	2.4	#





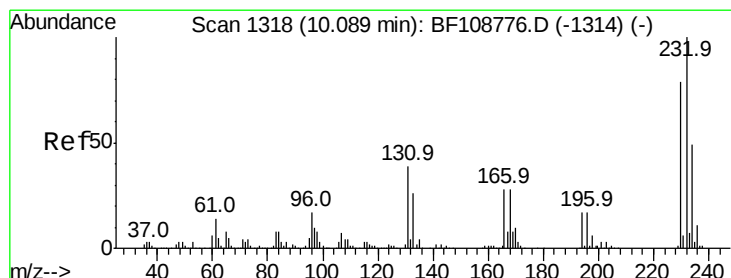
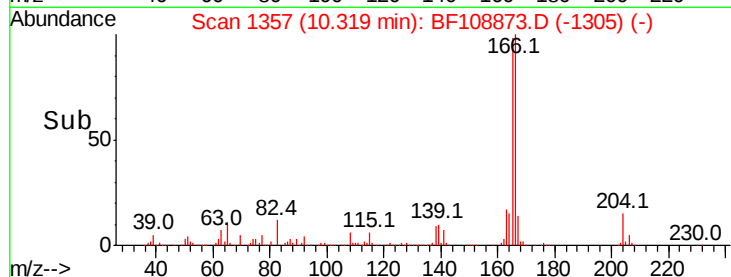
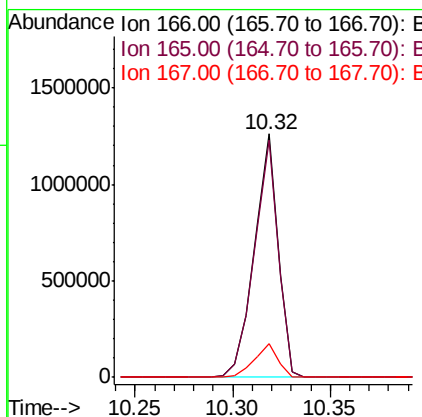
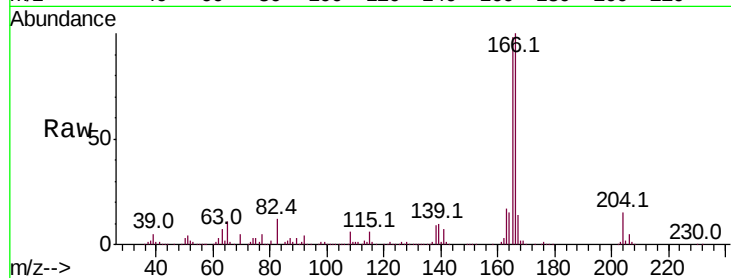
#57
 Fluorene
 Concen: 52.261 ng
 RT: 10.32 min Scan# 1357
 Delta R.T. 0.01 min
 Lab File: BF108873.D
 Acq: 7 Sep 2018 20:54

Instrument :
 BNA_F
 ClientSampleId :
 PB112683BS

Tot Ion	Ratio	Lower	Upper
166	100		
165	97.7	79.8	119.8
167	13.6	10.6	16.0

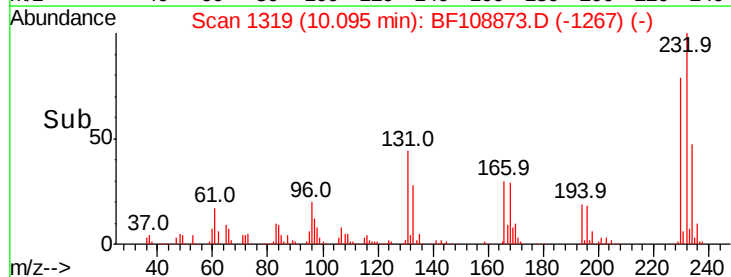
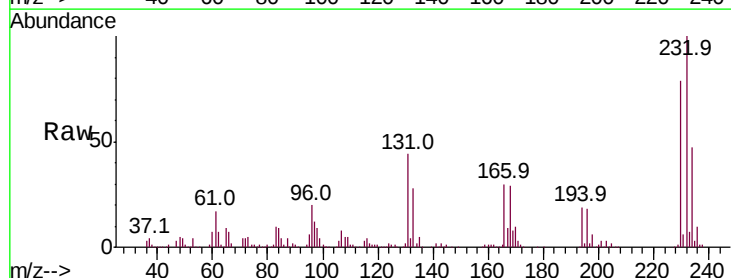
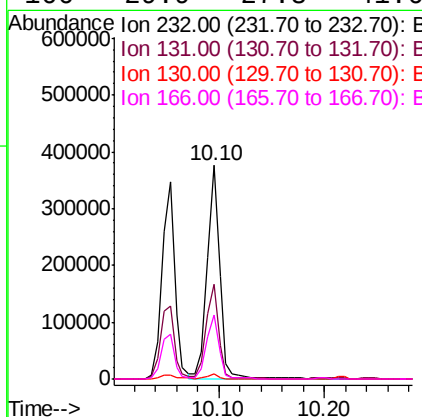
Manual Integrations
 APPROVED

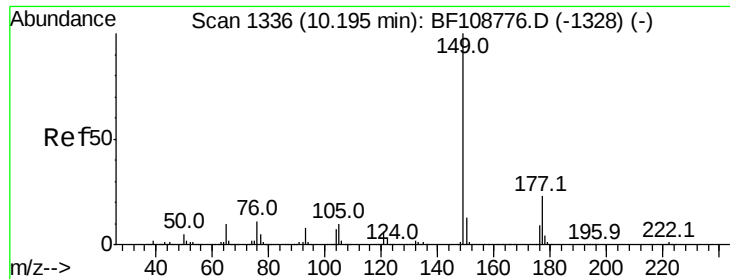
Sohil
 9/10/2018 10:39:41 AM



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 48.659 ng
 RT: 10.10 min Scan# 1319
 Delta R.T. 0.01 min
 Lab File: BF108873.D
 Acq: 7 Sep 2018 20:54

Tgt Ion	Ratio	Lower	Upper
232	100		
131	43.6	43.8	65.8#
130	2.1	2.1	3.1
166	29.9	27.8	41.6





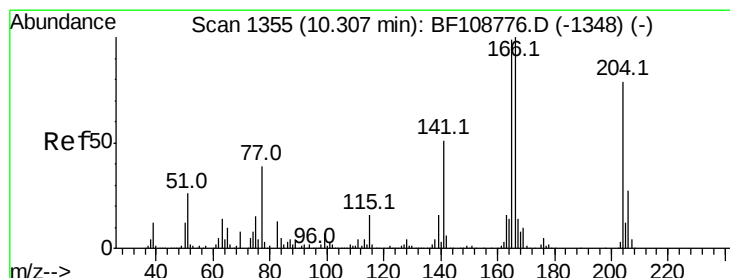
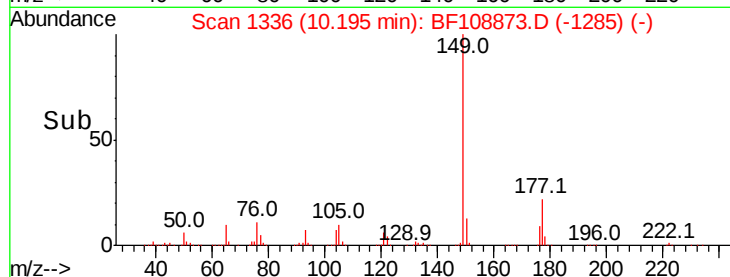
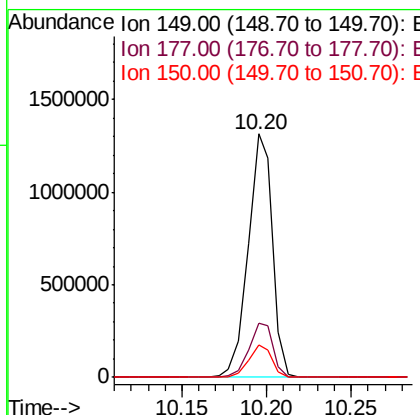
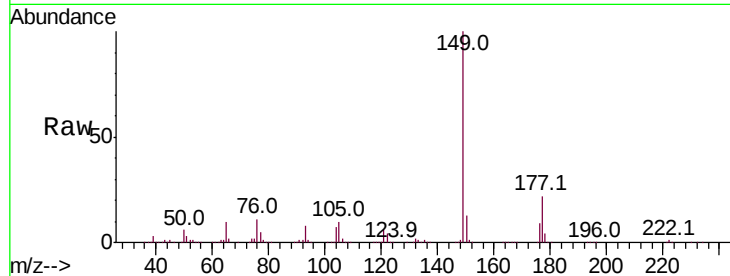
#59
Diethylphthalate
Concen: 47.984 ng
RT: 10.20 min Scan# 1336
Delta R.T. -0.00 min
Lab File: BF108873.D
Acq: 7 Sep 2018 20:54

Instrument :
BNA_F
ClientSampleId :
PB112683BS

Tot Ion	Ratio	Lower	Upper
149	100		
177	22.3	16.1	24.1
150	13.2	10.1	15.1

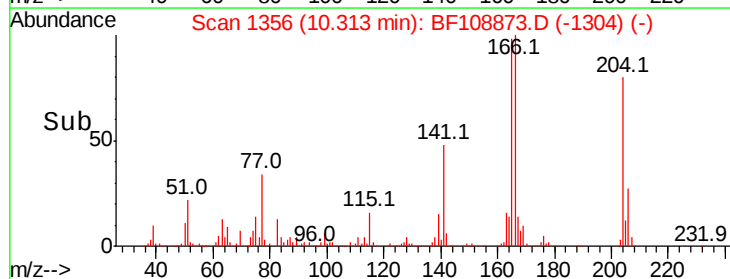
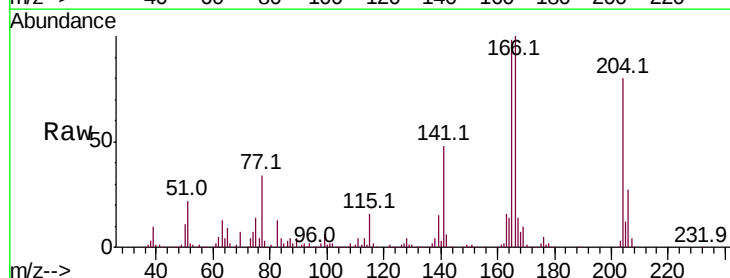
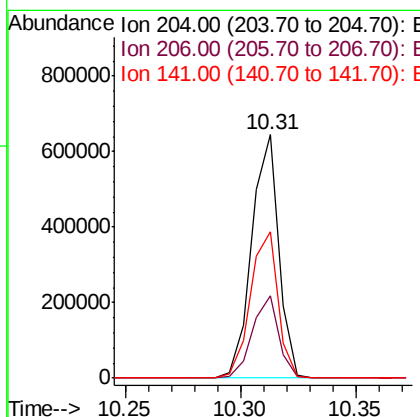
Manual Integrations
APPROVED

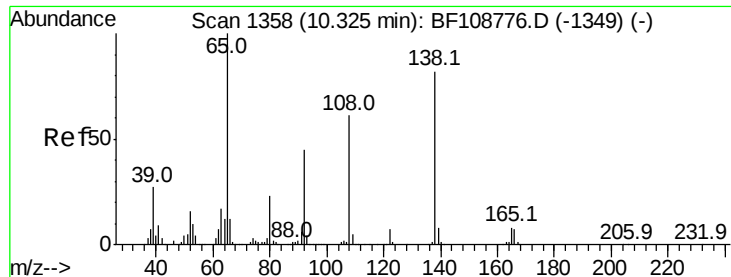
Sohil
9/10/2018 10:39:41 AM



#60
4-Chlorophenyl-phenylether
Concen: 48.662 ng
RT: 10.31 min Scan# 1356
Delta R.T. 0.01 min
Lab File: BF108873.D
Acq: 7 Sep 2018 20:54

Tgt Ion	Ratio	Lower	Upper
204	100		
206	33.8	26.5	39.7
141	60.3	54.6	81.8





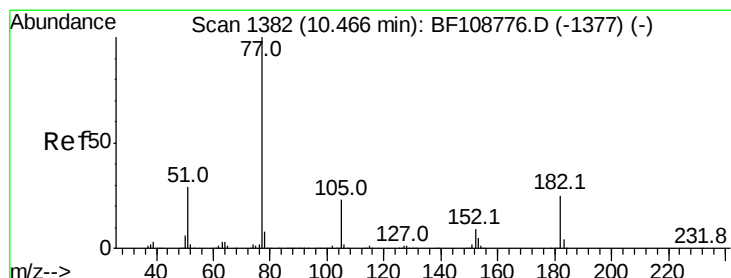
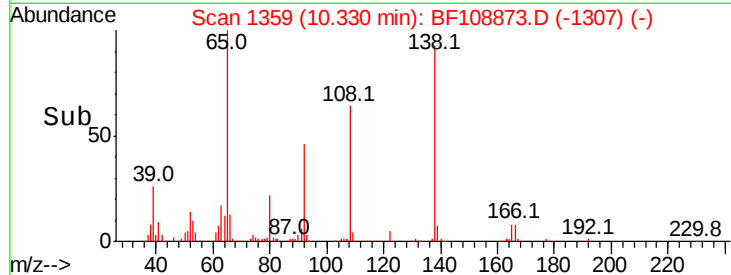
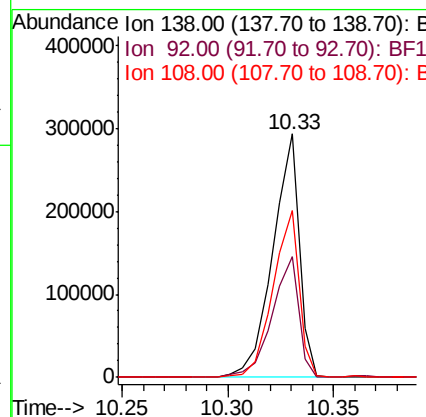
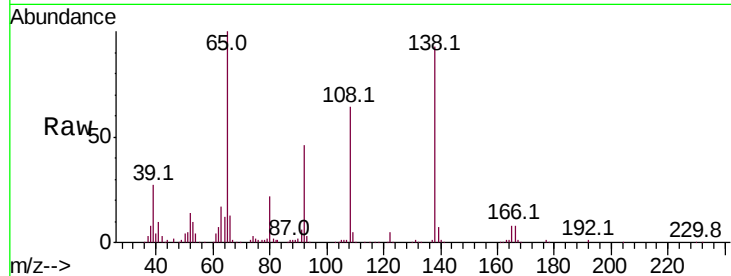
#61
4-Nitroaniline
Concen: 47.067 ng
RT: 10.33 min Scan# 1359
Delta R.T. 0.01 min
Lab File: BF108873.D
Acq: 7 Sep 2018 20:54

Instrument :
BNA_F
ClientSampleId :
PB112683BS

Tot Ion:	138	Resp:	256855
Ion Ratio	Lower	Upper	
138	100		
92	49.8	30.2	70.2
108	68.7	52.5	92.5

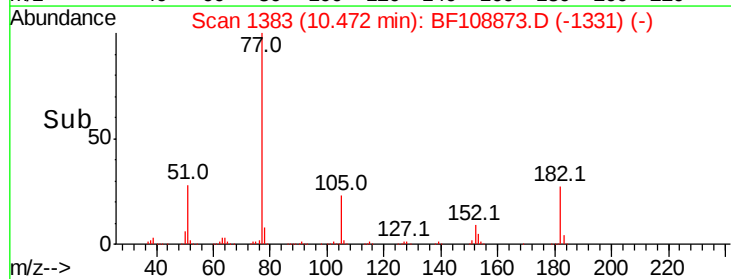
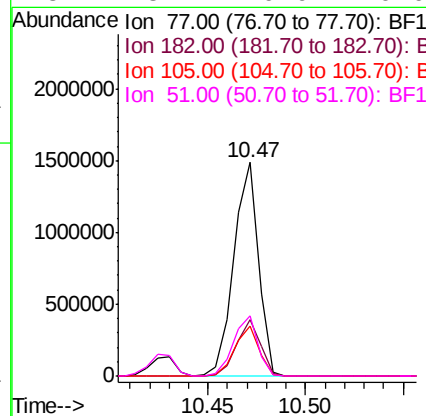
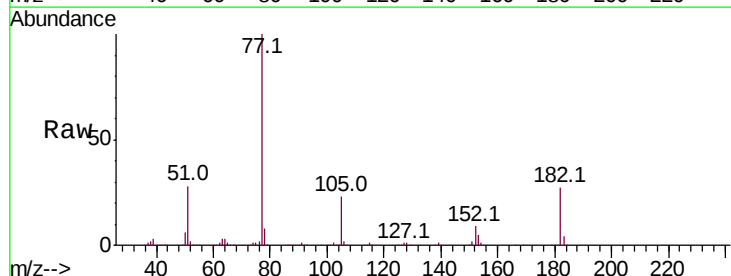
Manual Integrations
APPROVED

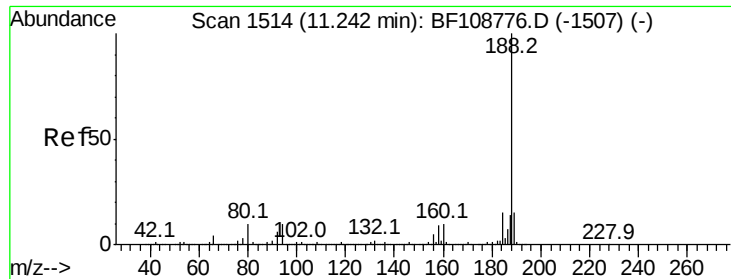
Sohil
9/10/2018 10:39:41 AM



#62
Azobenzene
Concen: 46.088 ng
RT: 10.47 min Scan# 1383
Delta R.T. 0.01 min
Lab File: BF108873.D
Acq: 7 Sep 2018 20:54

Tgt Ion:	77	Resp:	1303839
Ion Ratio	Lower	Upper	
77	100		
182	26.6	1.7	41.7
105	23.5	3.0	43.0
51	28.1	9.9	49.9





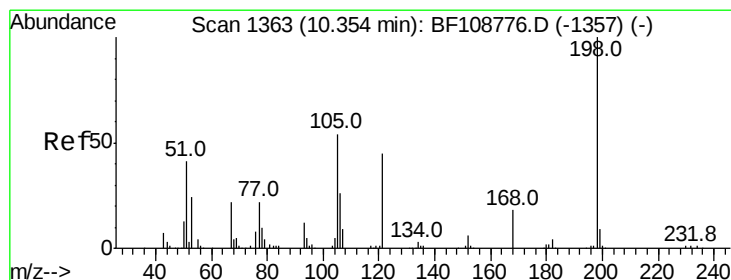
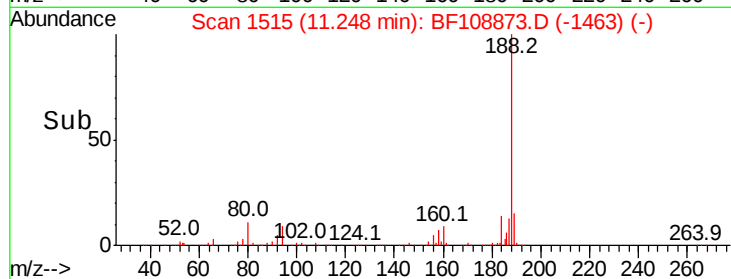
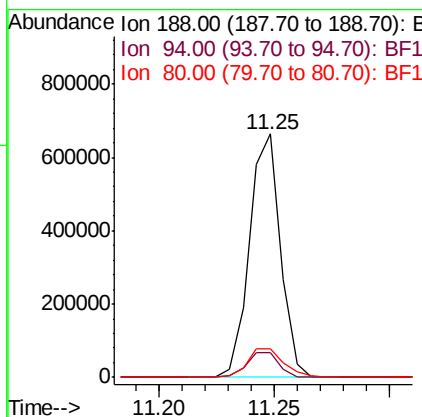
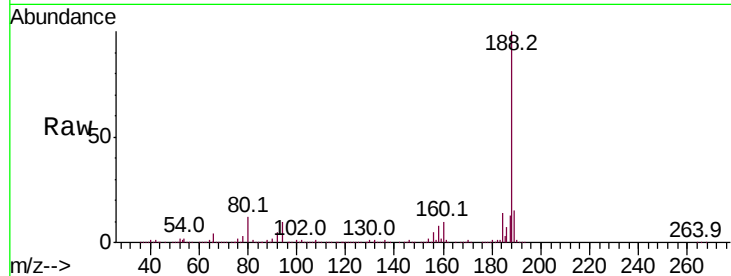
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.25 min Scan# 1515
Delta R.T. 0.01 min
Lab File: BF108873.D
Acq: 7 Sep 2018 20:54

Instrument :
BNA_F
ClientSampleId :
PB112683BS

Tot Ion	Ratio	Resp	Lower	Upper
188	100	623474		
94	10.3		8.5	12.7
80	11.6		9.2	13.8

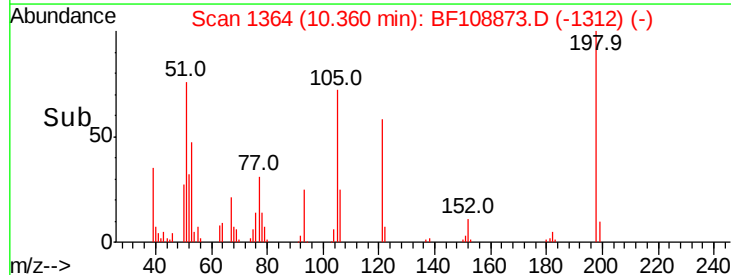
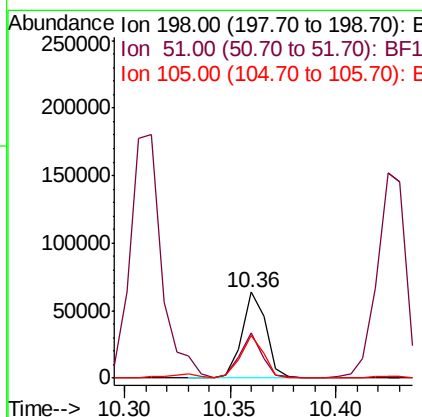
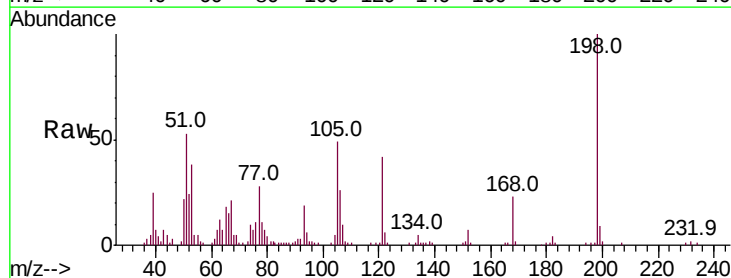
Manual Integrations
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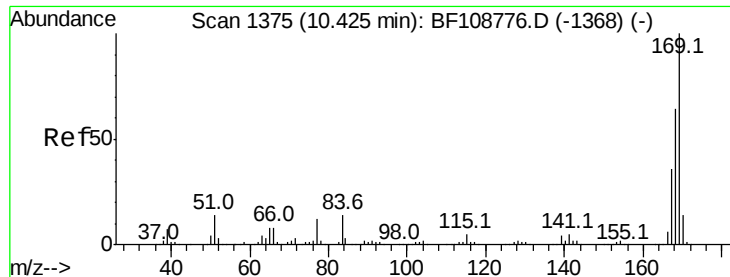
Sohil
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#64
4,6-Dinitro-2-methylphenol
Concen: 24.484 ng
RT: 10.36 min Scan# 1364
Delta R.T. 0.01 min
Lab File: BF108873.D
Acq: 7 Sep 2018 20:54

Tgt Ion	Ratio	Resp	Lower	Upper
198	100	50402		
51	52.5		37.7	77.7
105	49.3		36.3	76.3





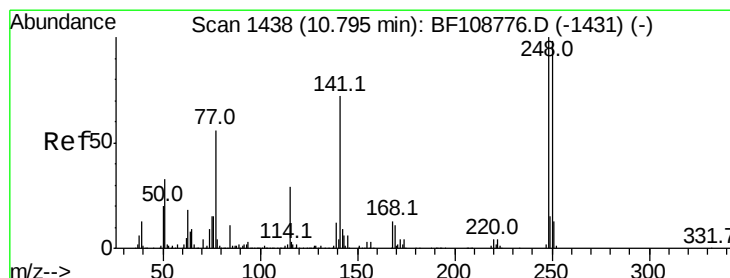
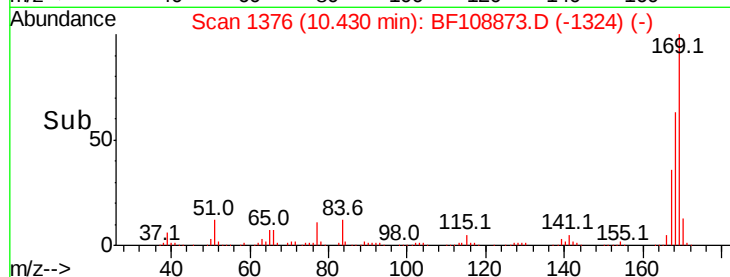
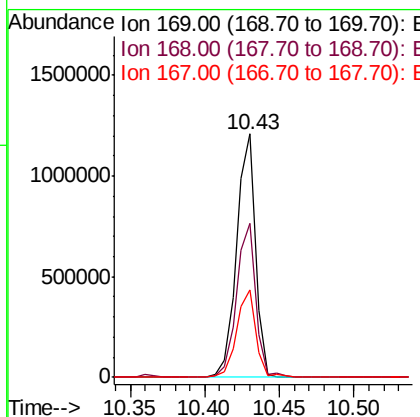
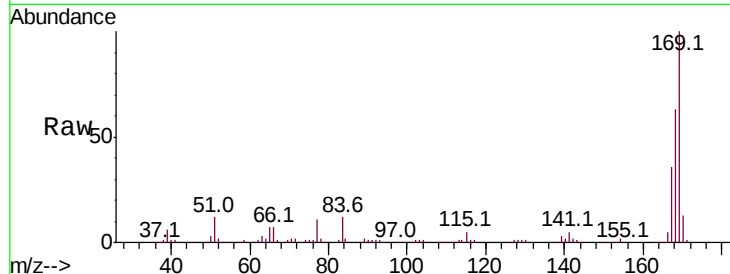
#65
n-Nitrosodiphenylamine
Concen: 51.946 ng
RT: 10.43 min Scan# 1376
Delta R.T. 0.01 min
Lab File: BF108873.D
Acq: 7 Sep 2018 20:54

Instrument :
BNA_F
ClientSampleId :
PB112683BS

Tot Ion	Ratio	Lower	Upper
169	100		
168	63.4	54.4	81.6
167	35.7	29.8	44.6

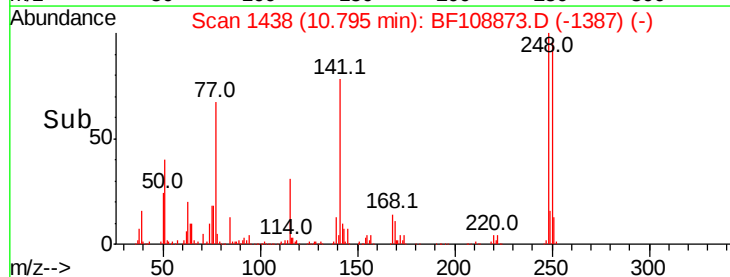
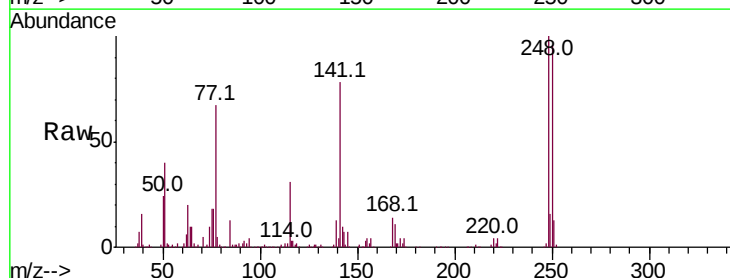
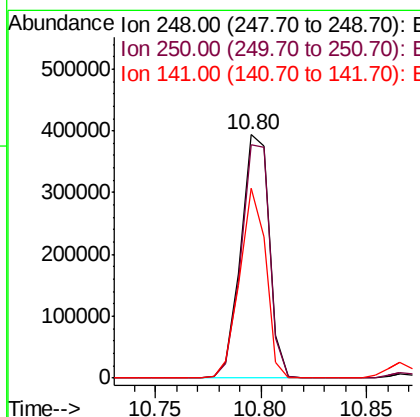
Manual Integrations
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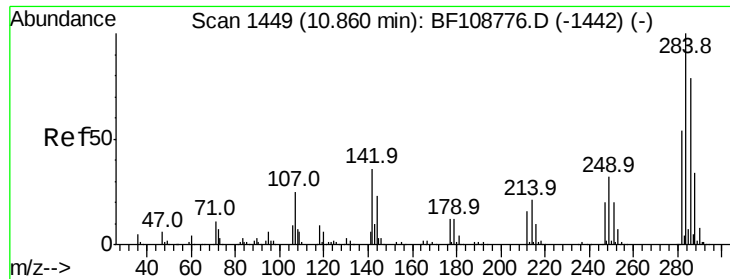
Sohil
9/10/2018 10:39:41 AM



#66
4-Bromophenyl-phenylether
Concen: 52.034 ng
RT: 10.80 min Scan# 1438
Delta R.T. -0.00 min
Lab File: BF108873.D
Acq: 7 Sep 2018 20:54

Tgt Ion	Ratio	Lower	Upper
248	100		
250	95.6	76.9	115.3
141	77.8	74.4	111.6





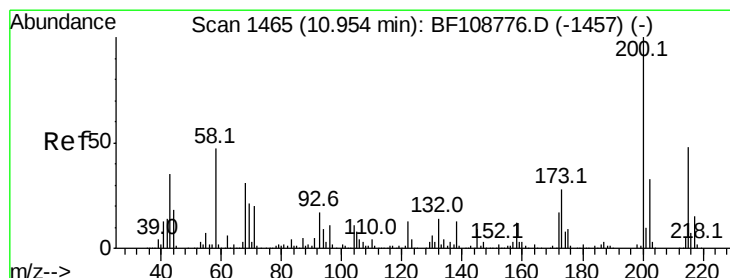
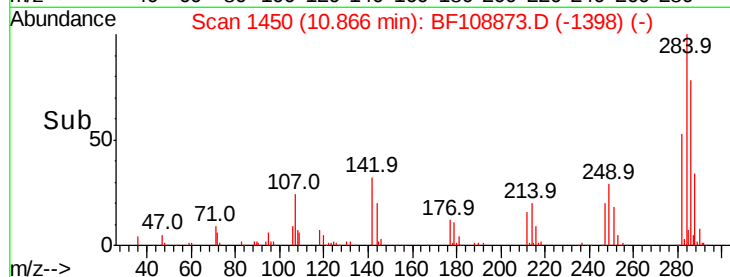
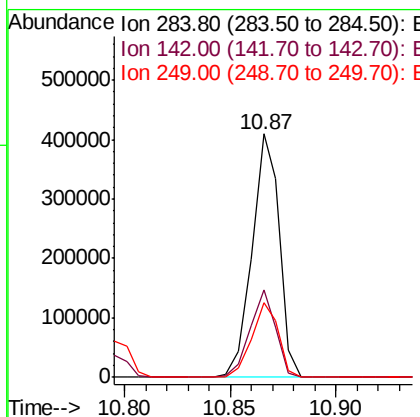
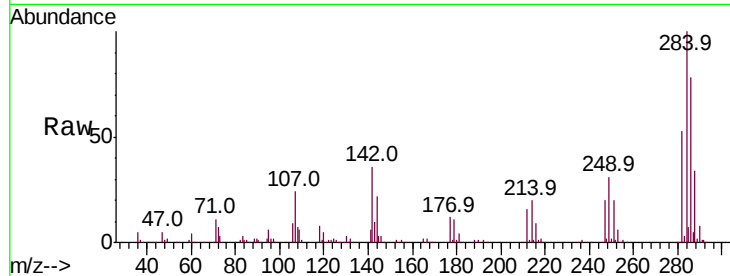
#67
Hexachlorobenzene
Concen: 48.848 ng
RT: 10.87 min Scan# 1450
Delta R.T. 0.01 min
Lab File: BF108873.D
Acq: 7 Sep 2018 20:54

Instrument :
BNA_F
ClientSampleId :
PB112683BS

Tot Ion	Ratio	Resp	Lower	Upper
284	100	367195		
142	35.8	34.6	52.0	
249	30.8	24.8	37.2	

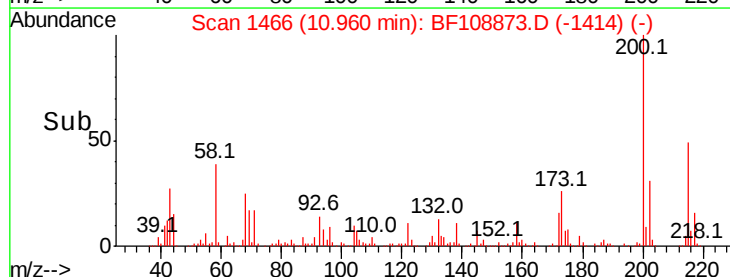
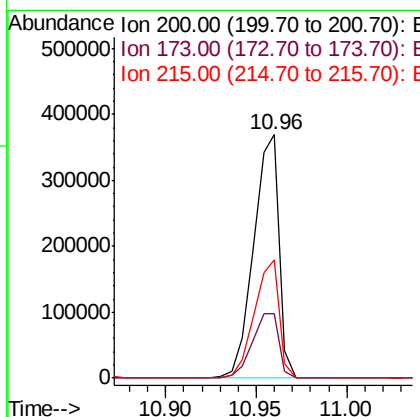
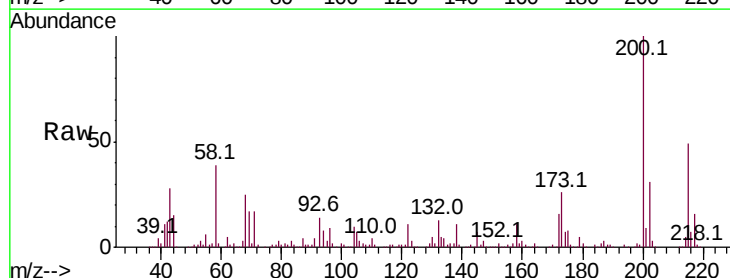
Manual Integrations
APPROVED

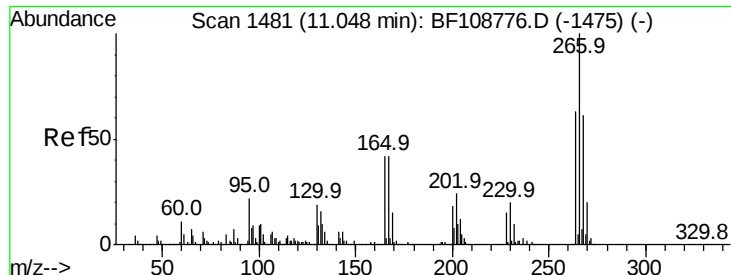
Sohil
9/10/2018 10:39:41 AM



#68
Atrazine
Concen: 54.047 ng
RT: 10.96 min Scan# 1466
Delta R.T. 0.01 min
Lab File: BF108873.D
Acq: 7 Sep 2018 20:54

Tgt Ion	Ratio	Resp	Lower	Upper
200	100	358656		
173	26.4	8.6	48.6	
215	48.6	25.1	65.1	





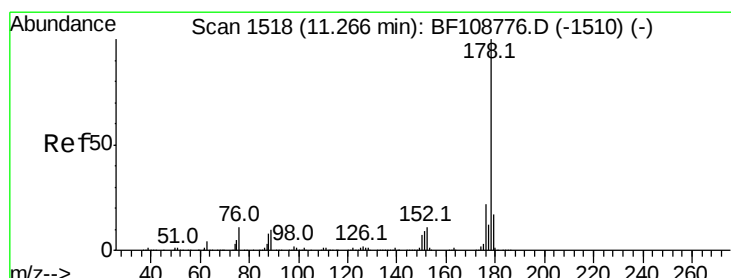
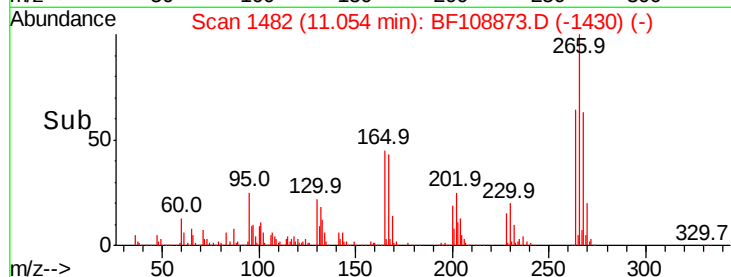
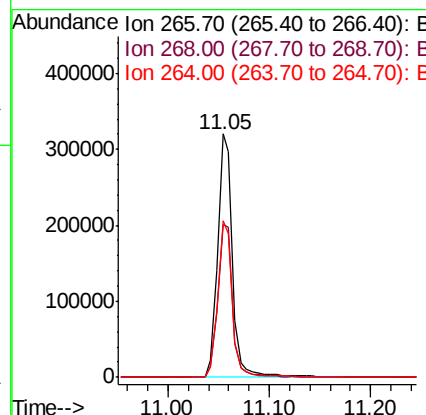
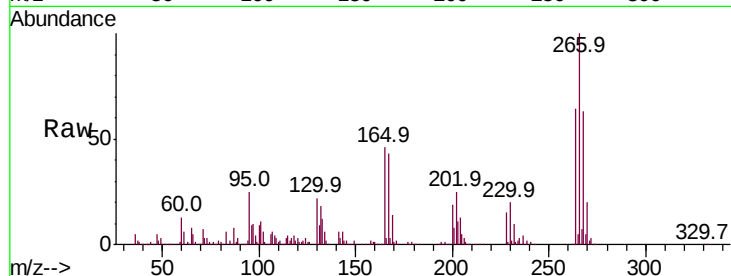
#69
 Pentachlorophenol
 Concen: 71.175 ng
 RT: 11.05 min Scan# 1482
 Delta R.T. 0.01 min
 Lab File: BF108873.D
 Acq: 7 Sep 2018 20:54

Instrument :
 BNA_F
 ClientSampleId :
 PB112683BS

Tot Ion	Ratio	Resp	Lower	Upper
266	100	327111		
268	62.9		51.1	76.7
264	64.1		49.5	74.3

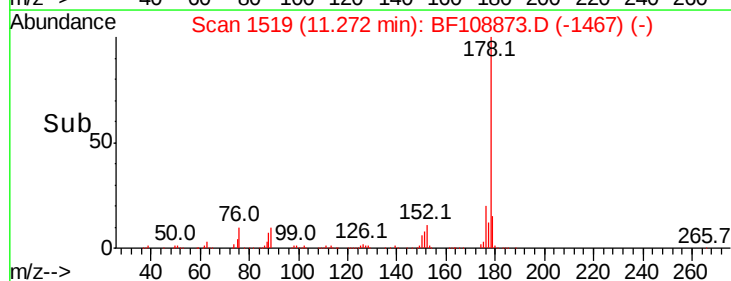
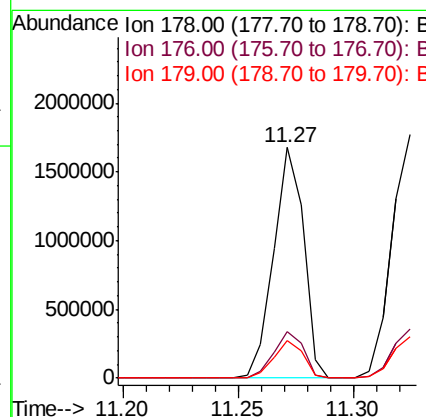
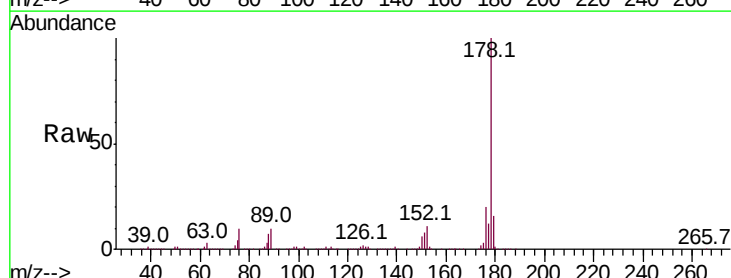
Manual Integrations
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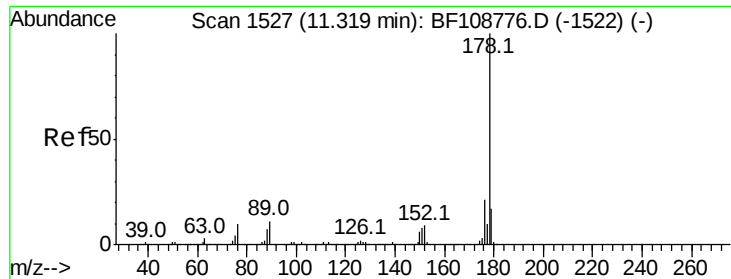
Sohil
 9/10/2018 10:39:41 AM



#70
 Phenanthrene
 Concen: 50.908 ng
 RT: 11.27 min Scan# 1519
 Delta R.T. 0.01 min
 Lab File: BF108873.D
 Acq: 7 Sep 2018 20:54

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	1515730		
176	20.3		15.8	23.8
179	16.5		13.0	19.6





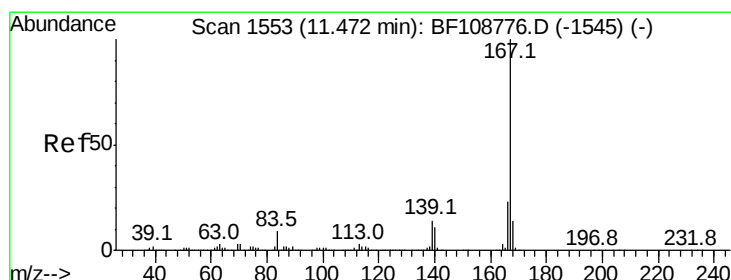
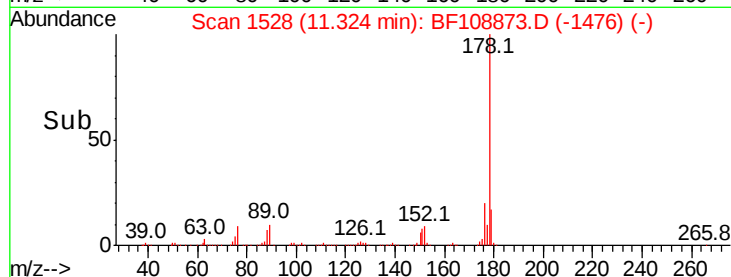
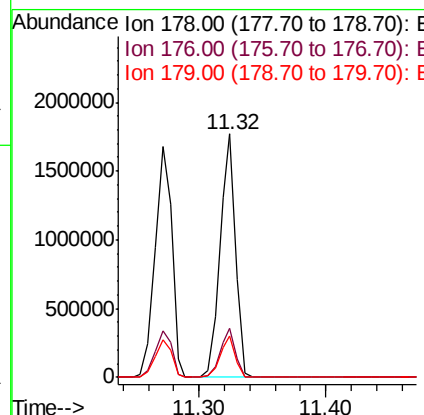
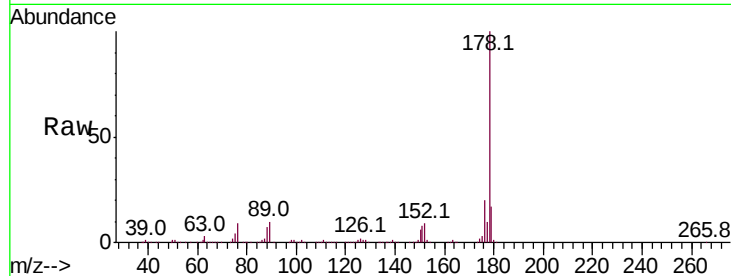
#71
 Anthracene
 Concen: 53.754 ng
 RT: 11.32 min Scan# 1528
 Delta R.T. 0.01 min
 Lab File: BF108873.D
 Acq: 7 Sep 2018 20:54

Instrument :
 BNA_F
 ClientSampleId :
 PB112683BS

Tot Ion:178 Resp: 1532351
 Ion Ratio Lower Upper
 178 100
 176 20.4 15.4 23.2
 179 16.8 12.6 19.0

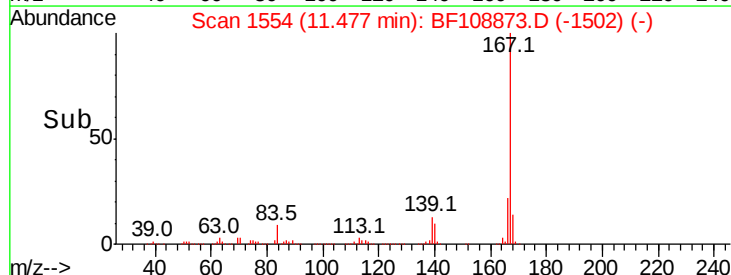
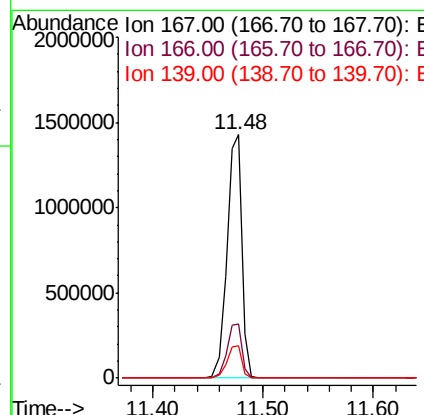
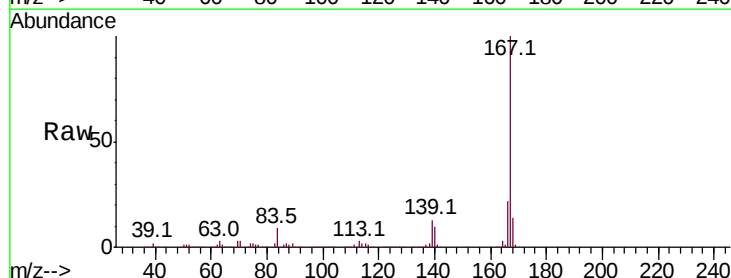
Manual Integrations
 APPROVED

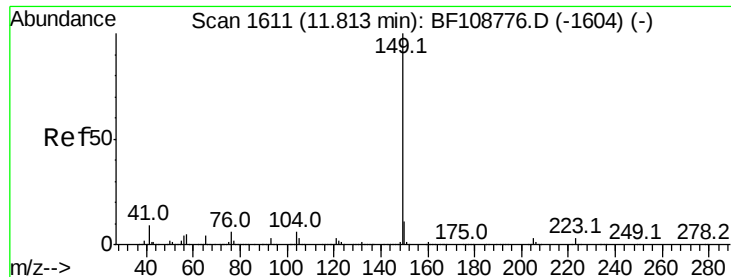
Sohil
 9/10/2018 10:39:41 AM



#72
 Carbazole
 Concen: 44.423 ng
 RT: 11.48 min Scan# 1554
 Delta R.T. 0.01 min
 Lab File: BF108873.D
 Acq: 7 Sep 2018 20:54

Tgt Ion:167 Resp: 1333628
 Ion Ratio Lower Upper
 167 100
 166 22.3 17.6 26.4
 139 13.1 10.9 16.3





#73

Di-n-butylphthalate

Concen: 53.510 ng

RT: 11.82 min Scan# 1612

Delta R.T. 0.01 min

Lab File: BF108873.D

Acq: 7 Sep 2018 20:54

Instrument :

BNA_F

ClientSampleId :

PB112683BS

Tot Ion:149 Resp: 1783945

Ion Ratio Lower Upper

149 100

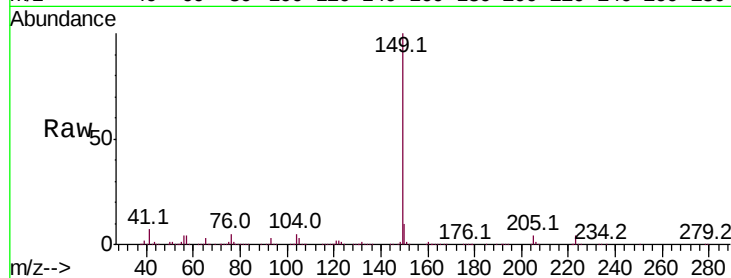
150 9.8 7.8 11.6

104 5.1 3.8 5.8

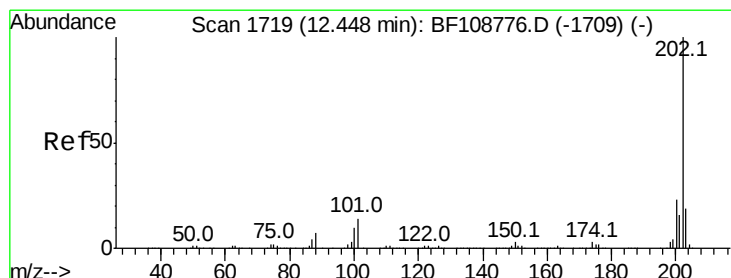
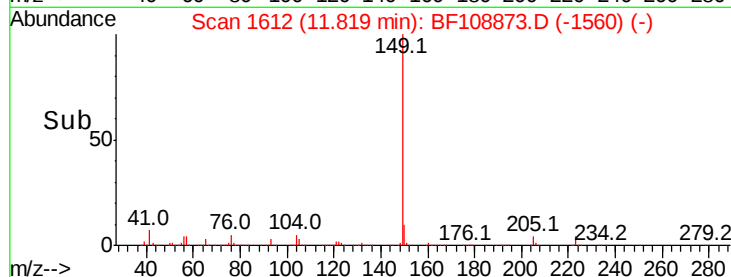
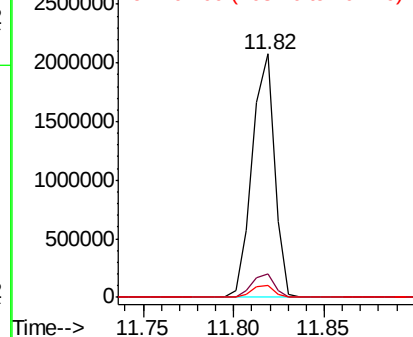
Manual Integrations
APPROVED

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9/10/2018 10:39:41 AM



Abundance Ion 149.00 (148.70 to 149.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 45.445 ng

RT: 12.45 min Scan# 1720

Delta R.T. 0.01 min

Lab File: BF108873.D

Acq: 7 Sep 2018 20:54

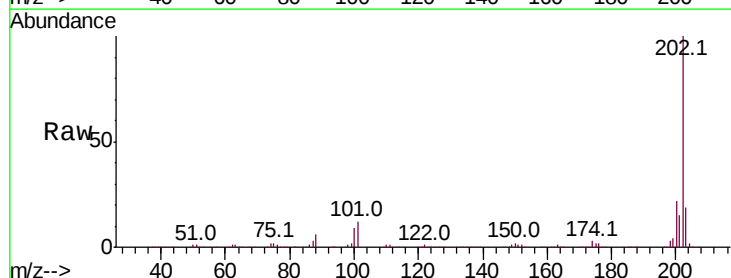
Tgt Ion:202 Resp: 1339650

Ion Ratio Lower Upper

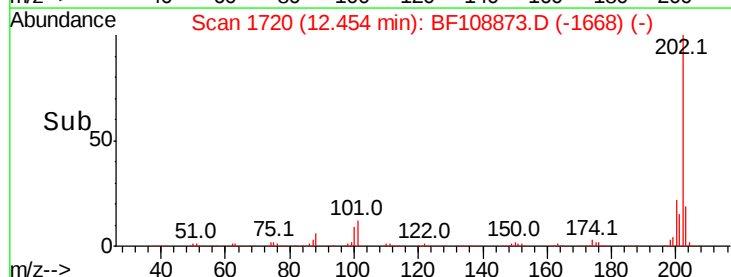
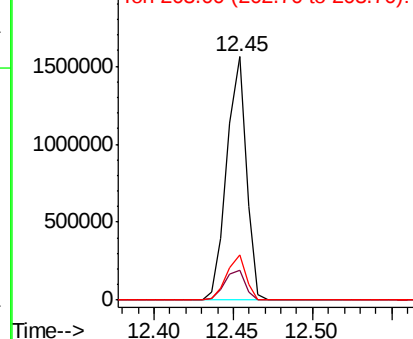
202 100

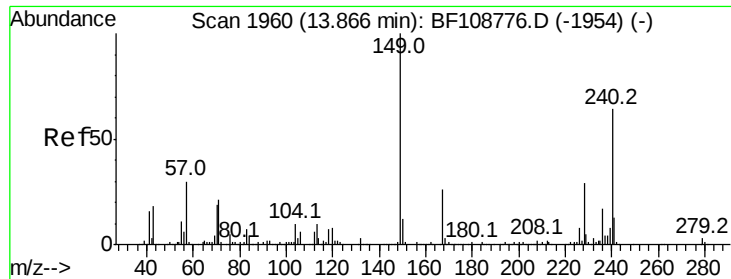
101 12.3 0.0 34.1

203 18.6 0.0 38.1



Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.000 ng

RT: 13.87 min Scan# 1961

Delta R.T. 0.01 min

Lab File: BF108873.D

Acq: 7 Sep 2018 20:54

Instrument :

BNA_F

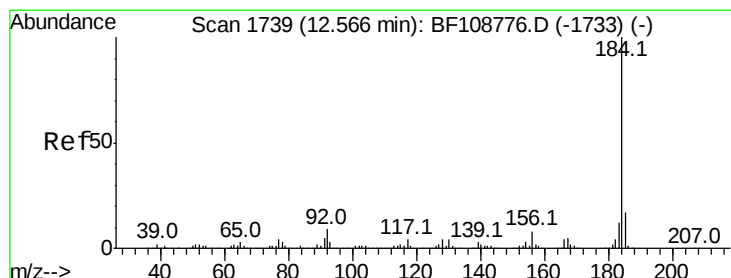
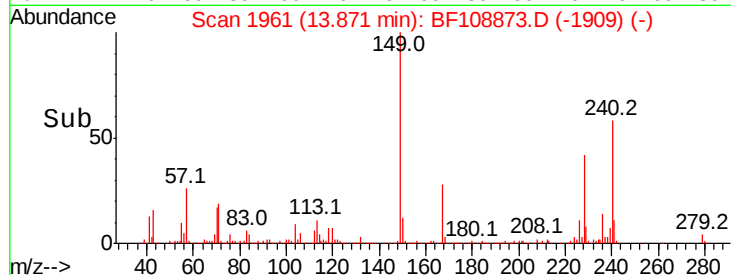
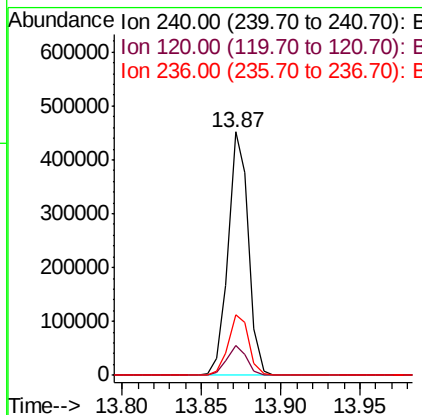
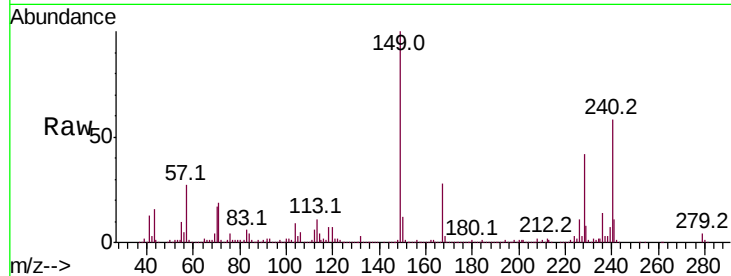
ClientSampleId :

PB112683BS

Tot Ion:	240	Resp:	397887
Ion Ratio	Lower	Upper	
240	100		
120	12.5	9.5	14.3
236	25.0	20.7	31.1

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#76

Benzidine

Concen: 53.439 ng

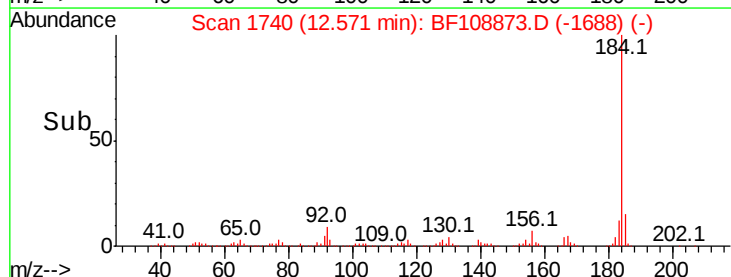
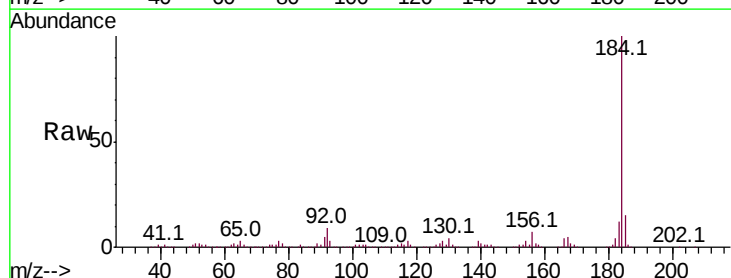
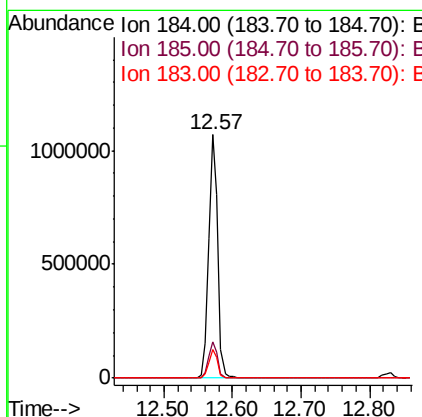
RT: 12.57 min Scan# 1740

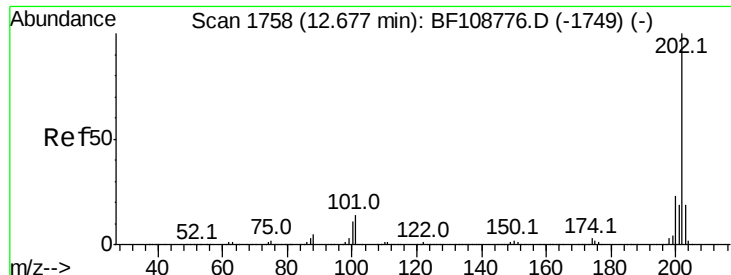
Delta R.T. 0.01 min

Lab File: BF108873.D

Acq: 7 Sep 2018 20:54

Tgt Ion:	184	Resp:	1007767
Ion Ratio	Lower	Upper	
184	100		
185	15.0	12.6	18.8
183	11.8	9.3	13.9





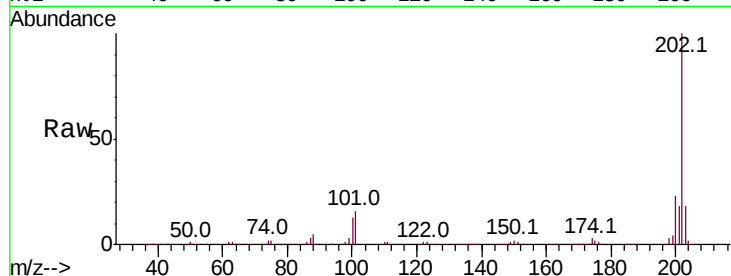
#77
Pvrene
Concen: 42.951 ng
RT: 12.68 min Scan# 1758
Delta R.T. -0.00 min
Lab File: BF108873.D
Acq: 7 Sep 2018 20:54

Instrument :
BNA_F
ClientSampleId :
PB112683BS

Tot Ion	Ratio	Lower	Upper
202	100		
200	22.6	17.4	26.2
203	18.5	14.3	21.5

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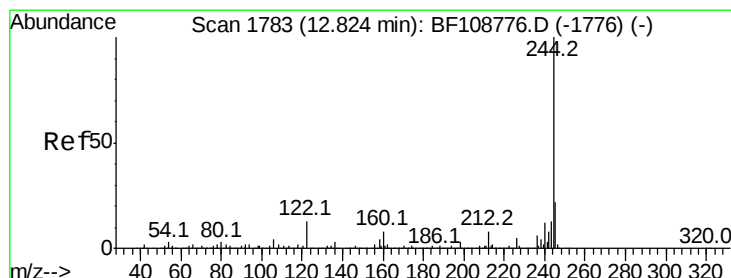
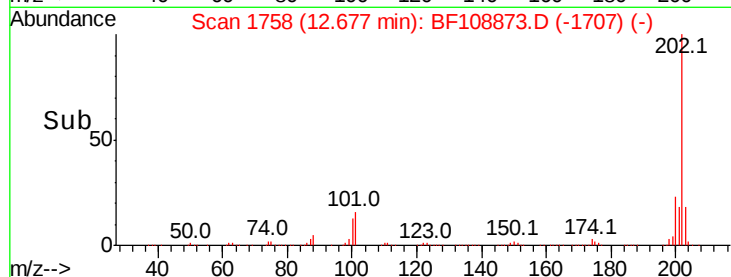
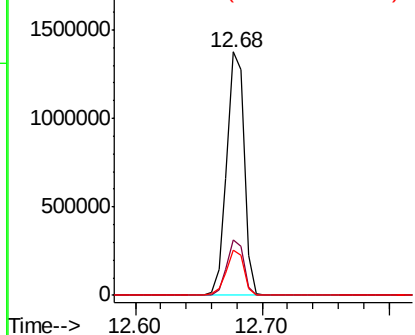


Abundance

Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#78
Terphenyl-d14
Concen: 99.934 ng
RT: 12.83 min Scan# 1784
Delta R.T. 0.01 min
Lab File: BF108873.D
Acq: 7 Sep 2018 20:54

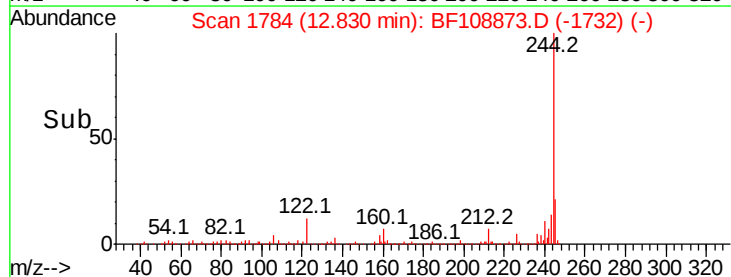
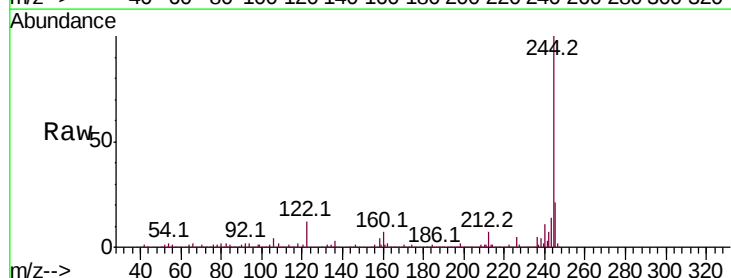
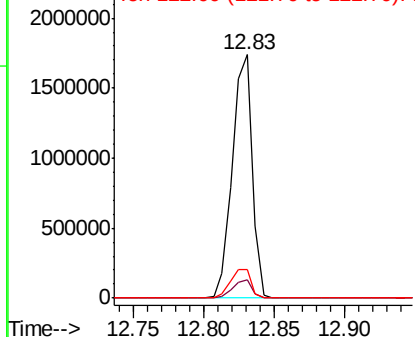
Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.5	5.4	8.0
122	11.9	11.0	16.4

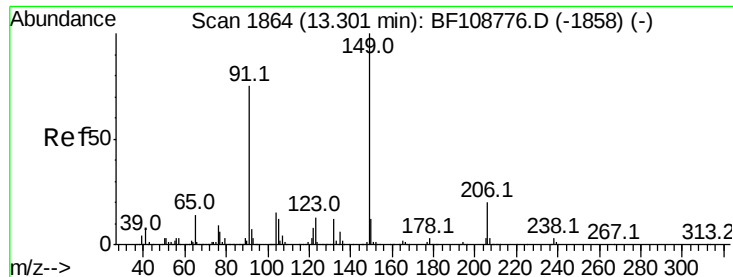
Abundance

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





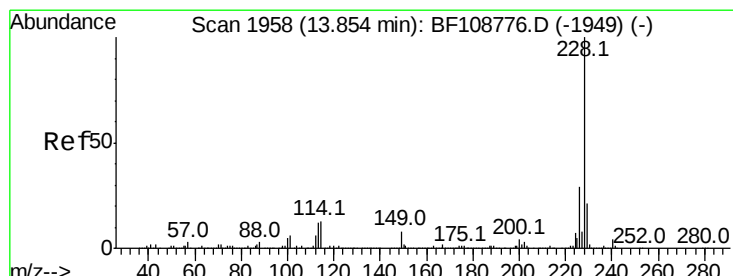
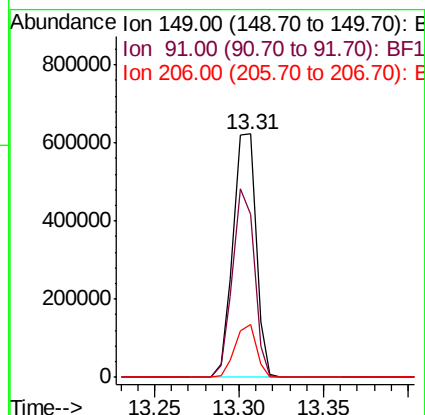
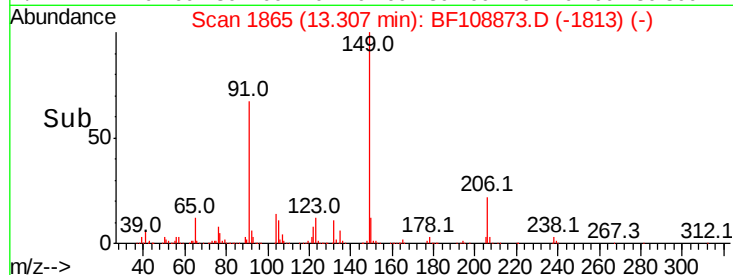
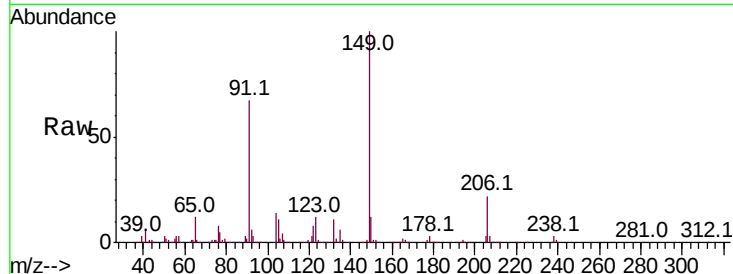
#79
 Butylbenzylphthalate
 Concen: 43.023 ng
 RT: 13.31 min Scan# 1865
 Delta R.T. 0.01 min
 Lab File: BF108873.D
 Acq: 7 Sep 2018 20:54

Instrument :
 BNA_F
 ClientSampleId :
 PB112683BS

Tot Ion:	149	Resp:	593187
Ion Ratio	Lower	Upper	
149	100		
91	67.1	56.8	85.2
206	21.7	14.1	21.1

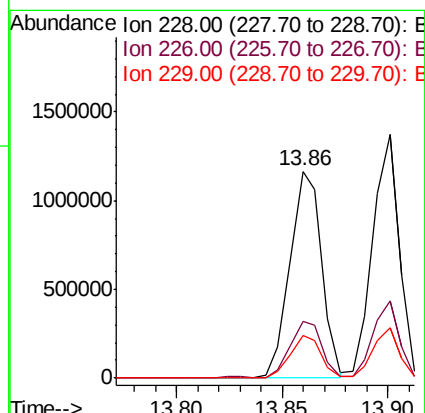
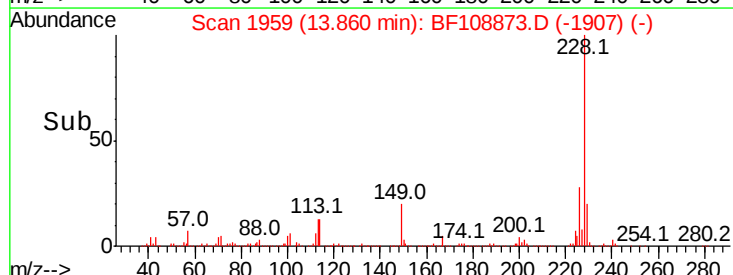
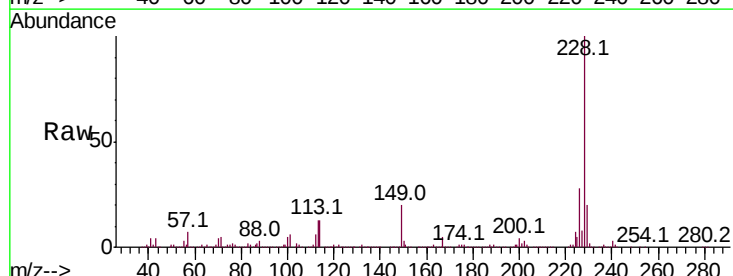
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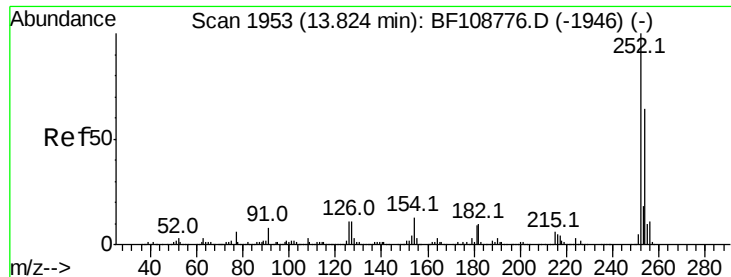
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#80
 Benzo(a)anthracene
 Concen: 47.792 ng
 RT: 13.86 min Scan# 1959
 Delta R.T. 0.01 min
 Lab File: BF108873.D
 Acq: 7 Sep 2018 20:54

Tgt Ion:	228	Resp:	1218858
Ion Ratio	Lower	Upper	
228	100		
226	27.7	22.6	33.8
229	20.4	15.8	23.6





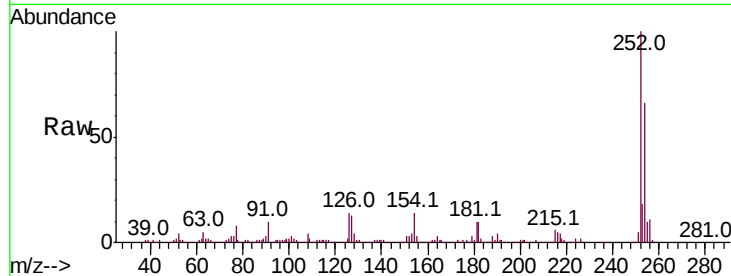
#81
 3,3'-Dichlorobenzidine
 Concen: 45.308 ng
 RT: 13.82 min Scan# 1953
 Delta R.T. -0.00 min
 Lab File: BF108873.D
 Acq: 7 Sep 2018 20:54

Instrument :
 BNA_F
 ClientSampleId :
 PB112683BS

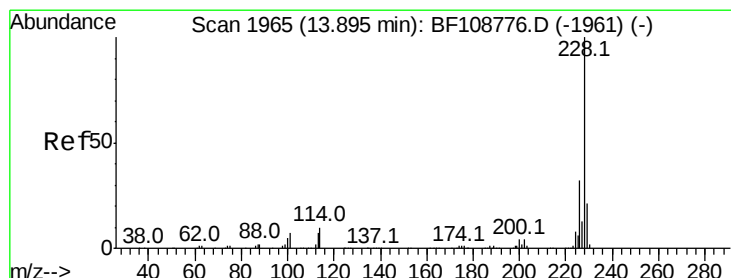
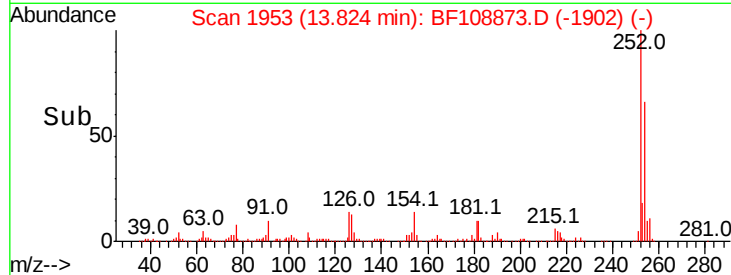
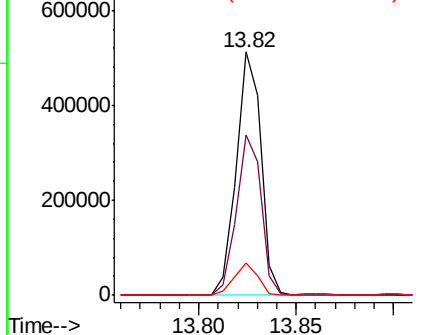
Tot Ion	Ratio	Lower	Upper
252	100		
254	66.0	50.4	75.6
126	13.5	11.3	16.9

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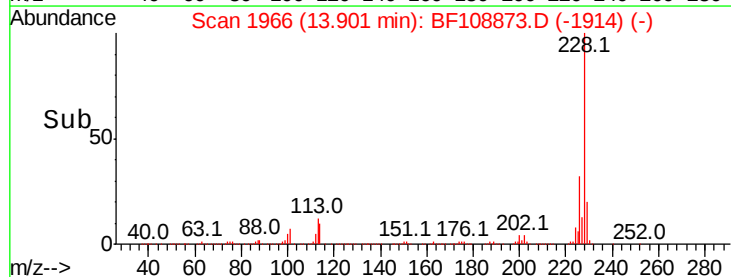
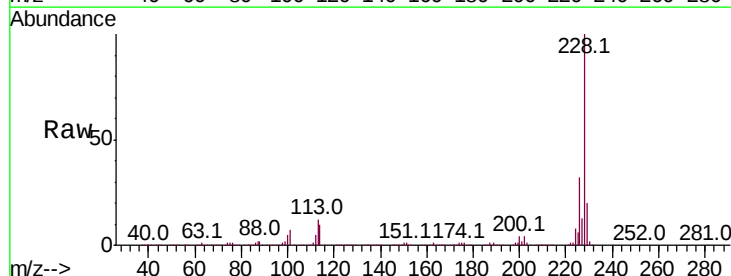
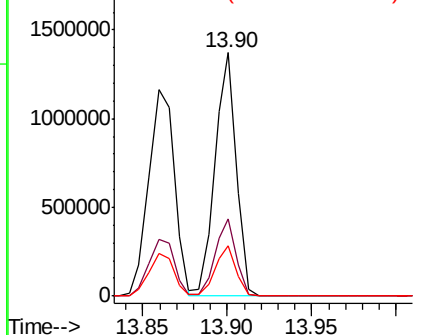
Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

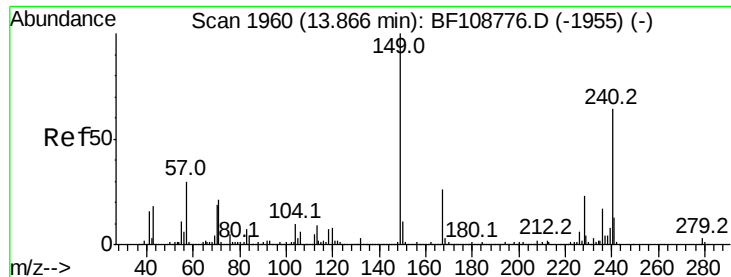


#82
 Chrysene
 Concen: 48.965 ng
 RT: 13.90 min Scan# 1966
 Delta R.T. 0.01 min
 Lab File: BF108873.D
 Acq: 7 Sep 2018 20:54

Tgt Ion	Ratio	Lower	Upper
228	100		
226	31.9	25.0	37.6
229	20.5	16.2	24.4

Abundance Ion 228.00 (227.70 to 228.70): E
 Ion 226.00 (225.70 to 226.70): E
 Ion 229.00 (228.70 to 229.70): E





#83

Bis(2-ethylhexyl)phthalate

Concen: 41.325 ng

RT: 13.87 min Scan# 1961

Delta R.T. 0.01 min

Lab File: BF108873.D

Acq: 7 Sep 2018 20:54

Instrument :

BNA_F

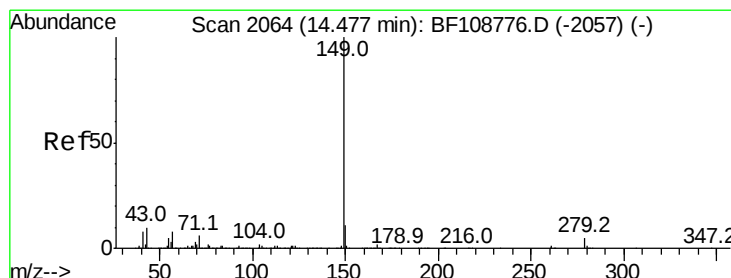
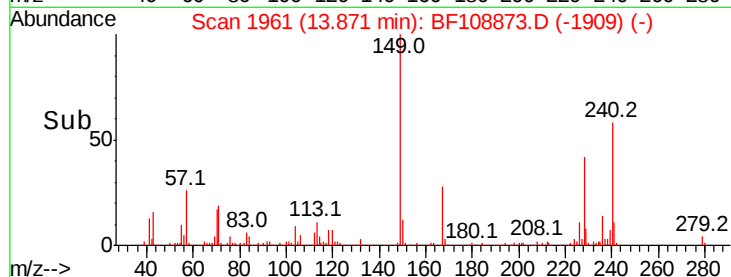
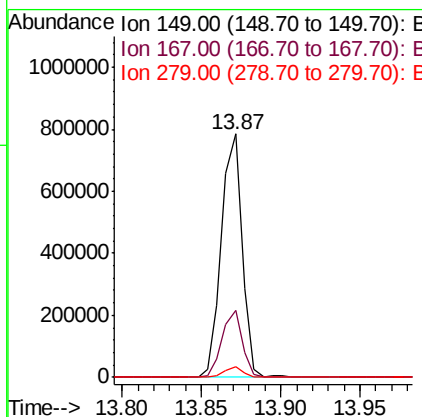
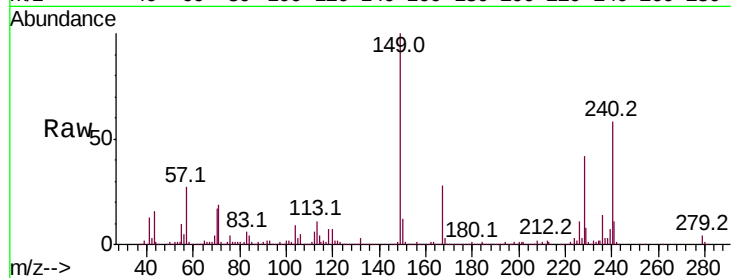
ClientSampleId :

PB112683BS

Tot Ion:	149	Resp:	716026
Ion Ratio	Lower	Upper	
149	100		
167	27.6	21.3	31.9
279	4.3	3.0	4.4

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#84

Di-n-octyl phthalate

Concen: 48.572 ng

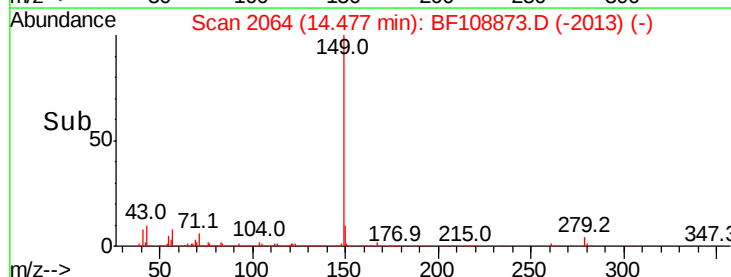
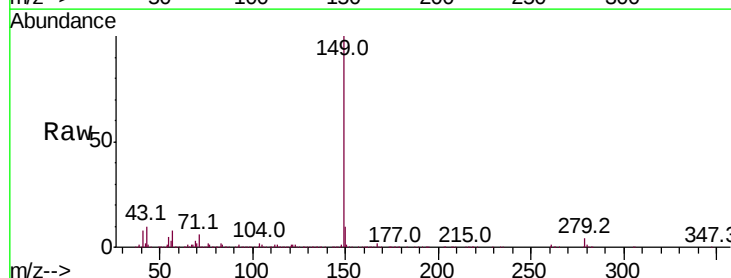
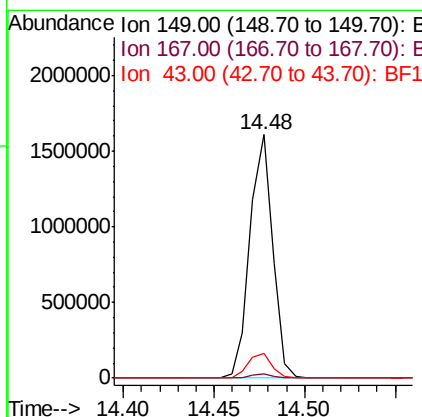
RT: 14.48 min Scan# 2064

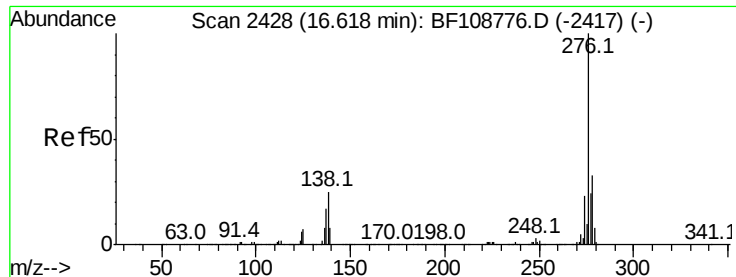
Delta R.T. -0.00 min

Lab File: BF108873.D

Acq: 7 Sep 2018 20:54

Tgt Ion:	149	Resp:	1403112
Ion Ratio	Lower	Upper	
149	100		
167	1.5	1.2	1.8
43	10.4	8.4	12.6





#85

Indeno(1,2,3-cd)pyrene

Concen: 56.372 ng

RT: 16.64 min Scan# 2432

Delta R.T. 0.02 min

Lab File: BF108873.D

Acq: 7 Sep 2018 20:54

Instrument :

BNA_F

ClientSampleId :

PB112683BS

Tot Ion:276 Resp: 1231703

Ion Ratio Lower Upper

276 100

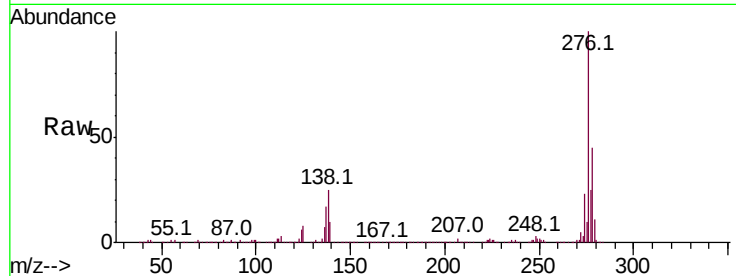
138 27.4 25.0 37.6

277 25.2 20.1 30.1

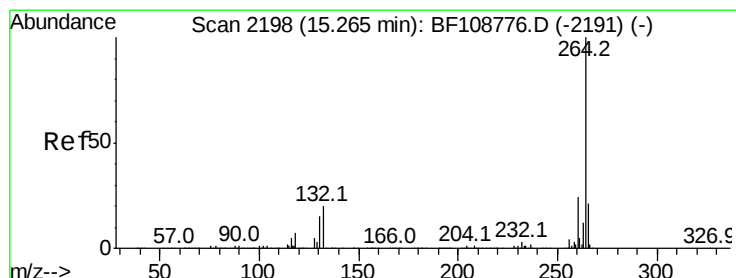
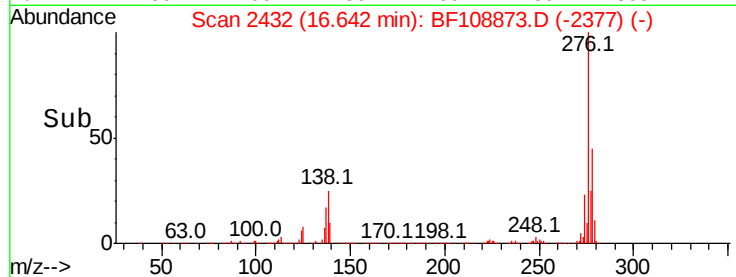
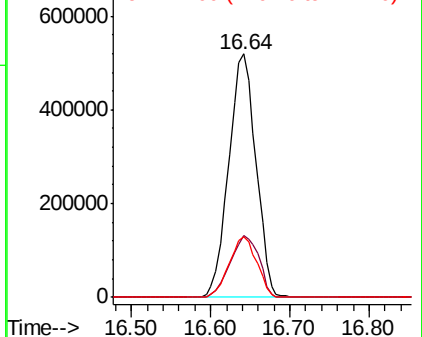
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Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.28 min Scan# 2200

Delta R.T. 0.01 min

Lab File: BF108873.D

Acq: 7 Sep 2018 20:54

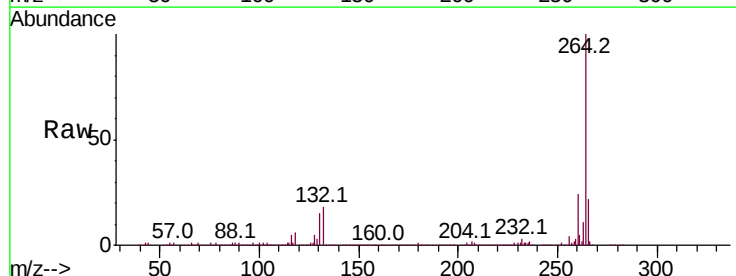
Tgt Ion:264 Resp: 499279

Ion Ratio Lower Upper

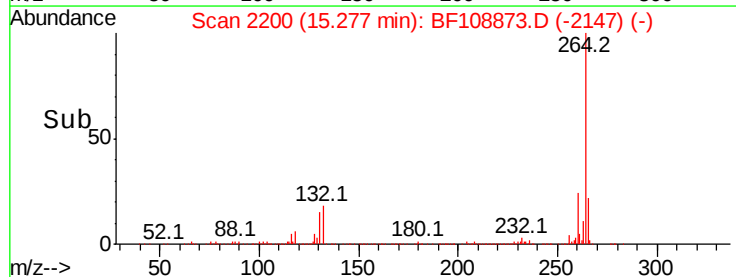
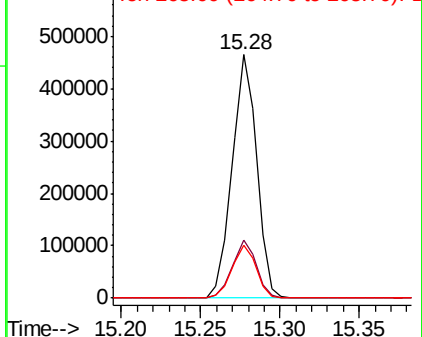
264 100

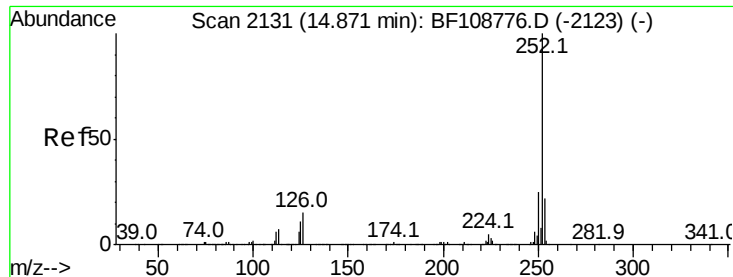
260 23.8 19.2 28.8

265 21.7 17.5 26.3



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





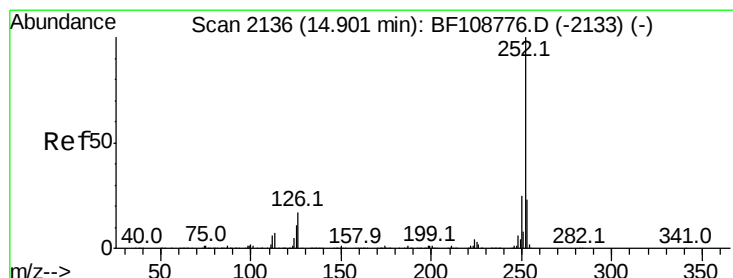
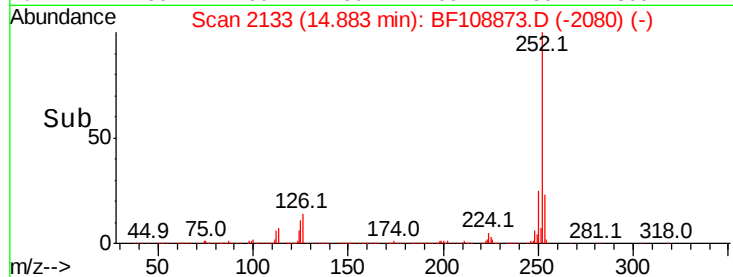
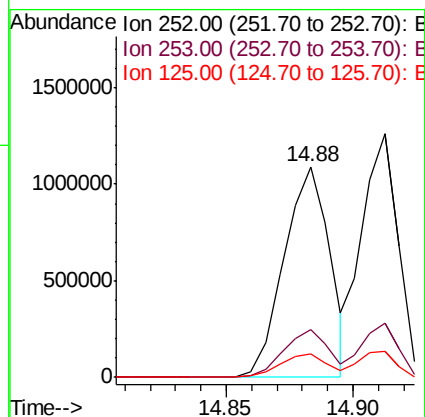
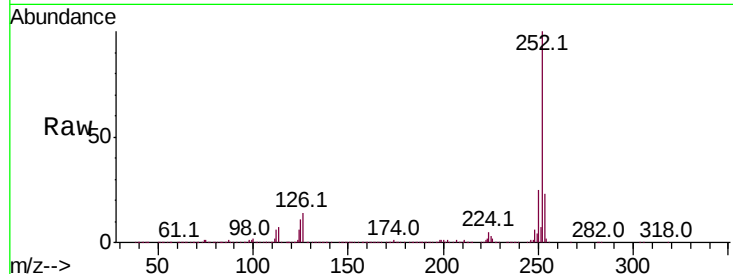
#87
Benzo(b)fluoranthene
Concen: 50.182 ng
RT: 14.88 min Scan# 2133
Delta R.T. 0.01 min
Lab File: BF108873.D
Acq: 7 Sep 2018 20:54

Instrument :
BNA_F
ClientSampleId :
PB112683BS

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.7	17.0	25.6
125	10.9	9.0	13.6

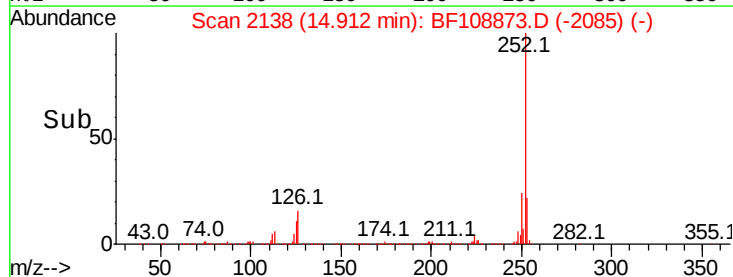
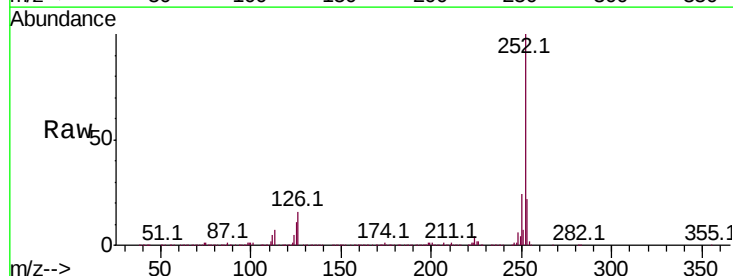
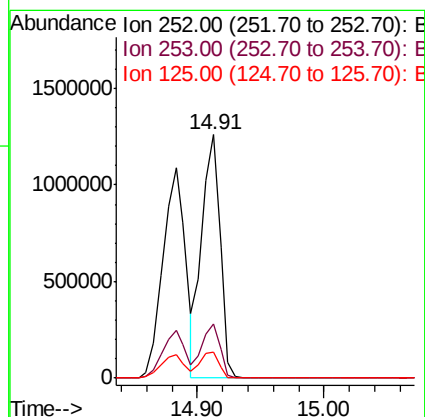
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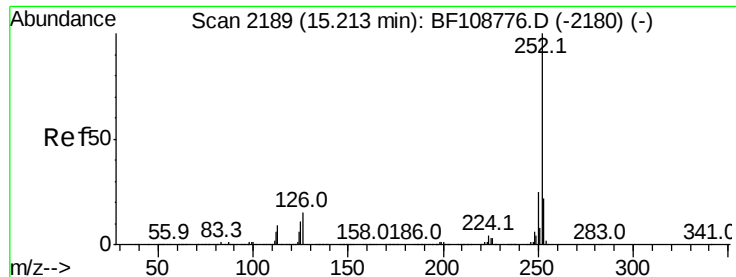
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#88
Benzo(k)fluoranthene
Concen: 50.531 ng
RT: 14.91 min Scan# 2138
Delta R.T. 0.01 min
Lab File: BF108873.D
Acq: 7 Sep 2018 20:54

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.5	17.9	26.9
125	10.8	10.2	15.2





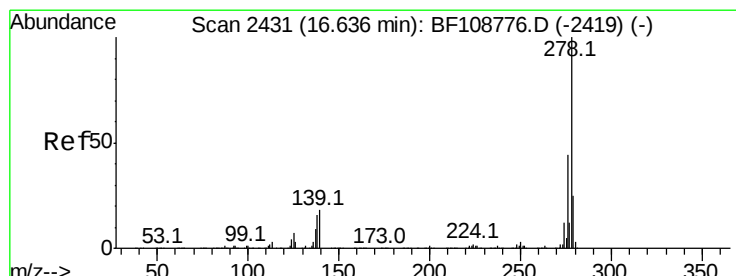
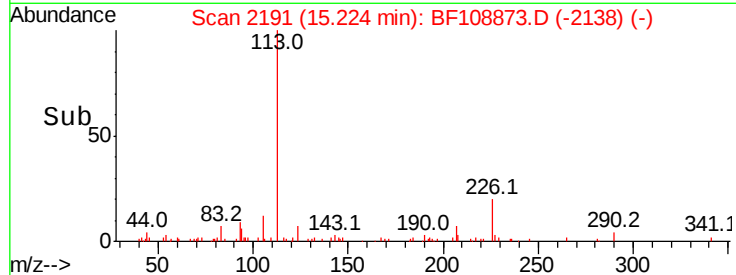
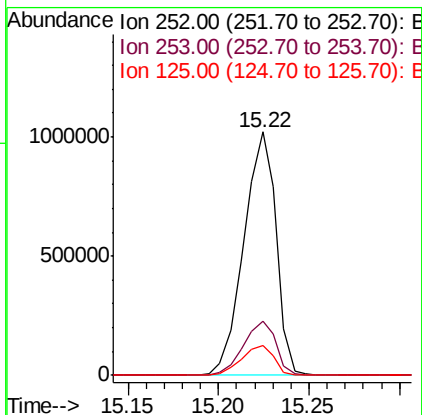
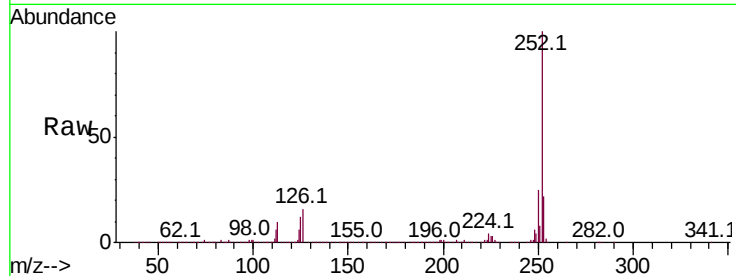
#89
Benzo(a)pyrene
Concen: 51.520 ng
RT: 15.22 min Scan# 2191
Delta R.T. 0.01 min
Lab File: BF108873.D
Acq: 7 Sep 2018 20:54

Instrument :
BNA_F
ClientSampleId :
PB112683BS

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.0	17.1	25.7
125	12.4	9.8	14.6

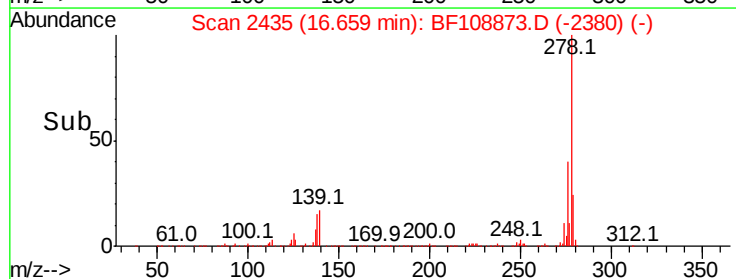
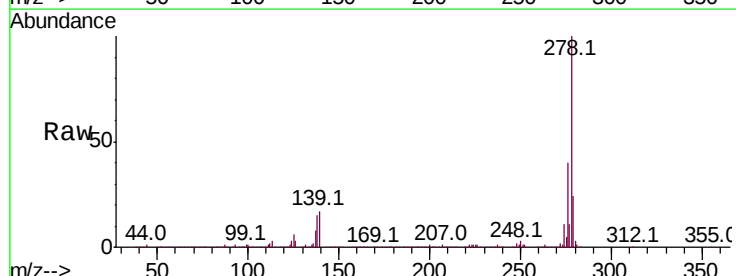
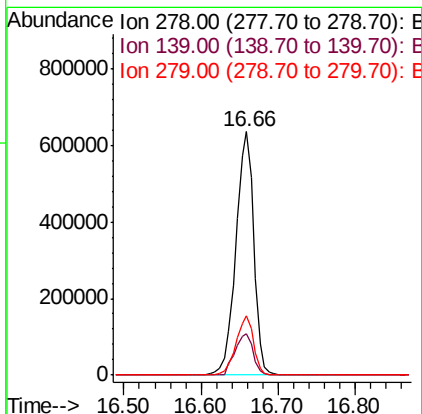
Manual Integrations
APPROVED

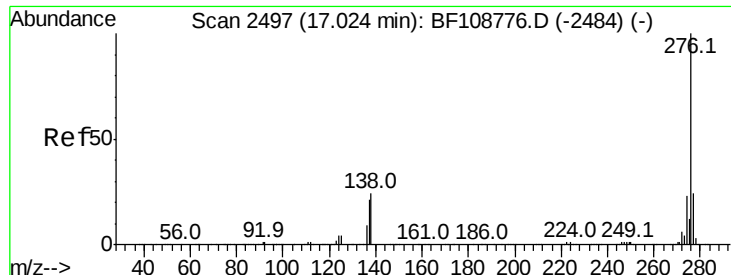
Sohil
9/10/2018 10:39:41 AM



#90
Dibenzo(a,h)anthracene
Concen: 48.097 ng
RT: 16.66 min Scan# 2435
Delta R.T. 0.02 min
Lab File: BF108873.D
Acq: 7 Sep 2018 20:54

Tgt Ion	Ratio	Lower	Upper
278	100		
139	17.0	15.9	23.9
279	24.5	19.0	28.4





#91
 Benzo(a,h,i)perylene
 Concen: 44.574 ng
 RT: 17.05 min Scan# 2501
 Delta R.T. 0.02 min
 Lab File: BF108873.D
 Acq: 7 Sep 2018 20:54

Instrument :
 BNA_F
 ClientSampleId :
 PB112683BS

Tot Ion	Ratio	Lower	Upper
276	100		
277	24.5	17.9	26.9
138	24.4	21.8	32.8

Manual Integrations
 APPROVED

Sohil
 9/10/2018 10:39:41 AM

