

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF091318\
 Data File : BF108964.D
 Acq On : 13 Sep 2018 15:12
 Operator : JU/SJ
 Sample : PB112800BS
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB112800BS

Manual Integrations
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Sohil
 9/14/2018 8:37:57 AM

Quant Time: Sep 13 15:35:33 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	6.73	152	159799	20.00	ng	0.00
21) Naphthalene-d8	8.01	136	662742	20.00	ng	0.00
38) Acenaphthene-d10	9.77	164	325289	20.00	ng	0.00
63) Phenanthrene-d10	11.24	188	646387	20.00	ng	0.00
75) Chrysene-d12	13.87	240	432249	20.00	ng	0.00
86) Perylene-d12	15.27	264	380336	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.35	112	1005618	104.25	ng	0.01
7) Phenol-d6	6.37	99	1283682	103.43	ng	0.00
23) Nitrobenzene-d5	7.29	82	804844	76.00	ng	-0.01
41) 2,4,6-Tribromophenol	10.55	330	363309	116.99	ng	0.00
44) 2-Fluorobiphenyl	9.09	172	1515956	79.50	ng	0.00
78) Terphenyl-d14	12.82	244	1516750	81.83	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.51	88	168003	36.241	ng	93
3) Pyridine	3.21	79	478940	37.726	ng	90
4) n-Nitrosodimethylamine	3.15	42	207325	42.519	ng	# 94
6) Aniline	6.39	93	488048	29.238	ng	92
8) 2-Chlorophenol	6.52	128	445172	41.695	ng	95
9) Benzaldehyde	6.27	77	238423	27.079	ng	99
10) Phenol	6.38	94	548536	38.589	ng	82
11) bis(2-Chloroethyl)ether	6.47	93	436319	38.316	ng	97
12) 1,3-Dichlorobenzene	6.67	146	476628	39.120	ng	100
13) 1,4-Dichlorobenzene	6.75	146	478240	39.251	ng	97
14) 1,2-Dichlorobenzene	6.90	146	445892	39.704	ng	99
15) Benzyl Alcohol	6.87	79	384457	40.365	ng	95
16) 2,2'-oxybis(1-Chloropropan	7.01	45	634145	37.255	ng	94
17) 2-Methylphenol	6.99	107	377485	41.837	ng	97
18) Hexachloroethane	7.24	117	179446	40.846	ng	99
19) n-Nitroso-di-n-propylamine	7.15	70	322604	37.395	ng	97
20) 3+4-Methylphenols	7.14	107	434340	41.094	ng	# 68
22) Acetophenone	7.14	105	600564	39.928	ng	# 92
24) Nitrobenzene	7.31	77	481024	42.333	ng	97
25) Isophorone	7.55	82	890015	42.133	ng	99
26) 2-Nitrophenol	7.62	139	232940	52.034	ng	96
27) 2,4-Dimethylphenol	7.67	122	409219	45.015	ng	97
28) bis(2-Chloroethoxy)methane	7.77	93	558784	39.565	ng	99
29) 2,4-Dichlorophenol	7.87	162	391671	41.784	ng	97
30) 1,2,4-Trichlorobenzene	7.95	180	396524	39.033	ng	98
31) Naphthalene	8.04	128	1271254	42.635	ng	100
32) Benzoic acid	7.80	122	273391	46.226	ng	98
33) 4-Chloroaniline	8.08	127	360418	26.319	ng	99
34) Hexachlorobutadiene	8.16	225	235405	38.790	ng	100
35) Caprolactam	8.45	113	125891m	39.634	ng	
36) 4-Chloro-3-methylphenol	8.57	107	402611	40.319	ng	98
37) 2-Methylnaphthalene	8.72	142	863883	43.856	ng	98
39) 1,2,4,5-Tetrachlorobenzene	8.90	216	374715	38.536	ng	99
40) Hexachlorocyclopentadiene	8.88	237	419494	85.754	ng	99

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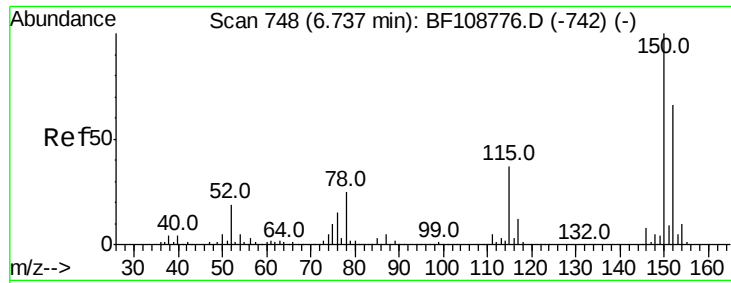
Manual Integrations
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 9/14/2018 8:37:57 AM

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 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF090518.M
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.00	196	278443	42.041	nq	99
43) 2,4,5-Trichlorophenol	9.04	196	297829	43.381	nq	96
45) 1,1'-Biphenyl	9.19	154	1013788	40.482	nq	99
46) 2-Chloronaphthalene	9.21	162	791808	39.095	nq	98
47) 2-Nitroaniline	9.30	65	258133	46.654	nq	93
48) Acenaphthylene	9.62	152	1299283	43.038	nq	99
49) Dimethylphthalate	9.50	163	928655	40.817	nq	# 99
50) 2,6-Dinitrotoluene	9.55	165	211783	48.851	nq	99
51) Acenaphthene	9.80	154	844257	45.192	nq	99
52) 3-Nitroaniline	9.71	138	181416	35.154	nq	100
53) 2,4-Dinitrophenol	9.82	184	187269	113.221	nq	# 21
54) Dibenzofuran	9.97	168	1099953	40.392	nq	99
55) 4-Nitrophenol	9.88	139	358455	92.912	nq	99
56) 2,4-Dinitrotoluene	9.95	165	282829	51.013	nq	# 96
57) Fluorene	10.31	166	810771	46.394	nq	98
58) 2,3,4,6-Tetrachlorophenol	10.09	232	253371	45.764	nq	88
59) Diethylphthalate	10.19	149	923211	39.321	nq	98
60) 4-Chlorophenyl-phenylether	10.30	204	383118	41.049	nq	97
61) 4-Nitroaniline	10.33	138	230802	49.368	nq	94
62) Azobenzene	10.47	77	942040	38.870	nq	94
64) 4,6-Dinitro-2-methylphenol	10.36	198	120151	47.373	nq	79
65) n-Nitrosodiphenylamine	10.42	169	797536	37.110	nq	96
66) 4-Bromophenyl-phenylether	10.79	248	273190	37.420	nq	90
67) Hexachlorobenzene	10.86	284	289658	37.167	nq	# 89
68) Atrazine	10.95	200	262080	38.094	nq	95
69) Pentachlorophenol	11.05	266	327289	68.690	nq	98
70) Phenanthrene	11.27	178	1266999	41.046	nq	99
71) Anthracene	11.32	178	1300424	44.001	nq	99
72) Carbazole	11.47	167	1168794	37.552	nq	99
73) Di-n-butylphthalate	11.81	149	1414868	40.935	nq	100
74) Fluoranthene	12.45	202	1345957	44.040	nq	98
76) Benzidine	12.57	184	424029	20.698	nq	99
77) Pyrene	12.68	202	1325572	39.854	nq	99
79) Butylbenzylphthalate	13.30	149	599587	40.030	nq	97
80) Benzo(a)anthracene	13.86	228	1089055	39.308	nq	99
81) 3,3'-Dichlorobenzidine	13.82	252	312455	28.946	nq	# 96
82) Chrysene	13.89	228	1071854	39.963	nq	100
83) Bis(2-ethylhexyl)phthalate	13.87	149	698732	37.121	nq	100
84) Di-n-octyl phthalate	14.47	149	1227170	39.105	nq	98
85) Indeno(1,2,3-cd)pyrene	16.64	276	893319	37.635	nq	94
87) Benzo(b)fluoranthene	14.88	252	930578	44.997	nq	98
88) Benzo(k)fluoranthene	14.91	252	846226	44.433	nq	# 97
89) Benzo(a)pyrene	15.22	252	823151	44.112	nq	99
90) Dibenzo(a,h)anthracene	16.65	278	735683	44.741	nq	# 95
91) Benzo(g,h,i)perylene	17.04	276	779628	47.355	nq	93

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



#1

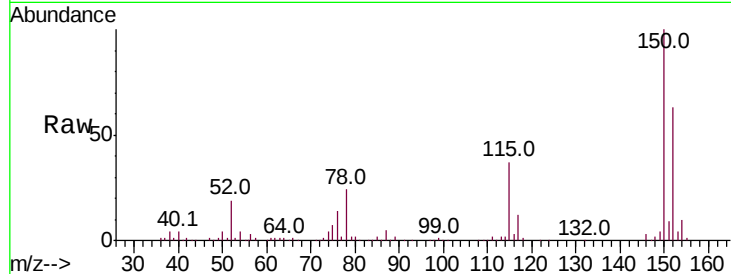
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.73 min Scan# 747
Delta R.T. -0.01 min
Lab File: BF108964.D
Acq: 13 Sep 2018 15:12

Instrument :
BNA_F
ClientSampleId :
PB112800BS

Tot Ion	Ratio	Lower	Upper
152	100		
150	157.8	124.6	186.8
115	57.7	50.1	75.1

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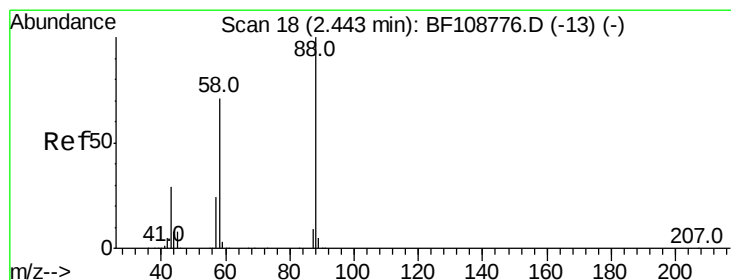
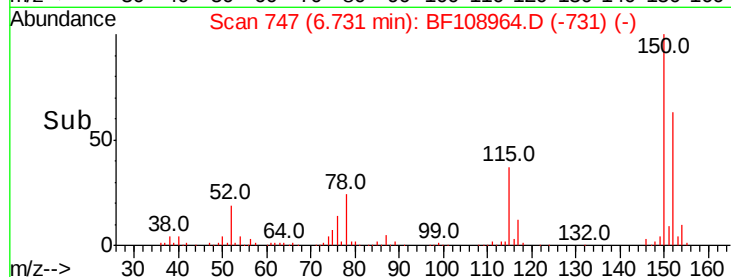
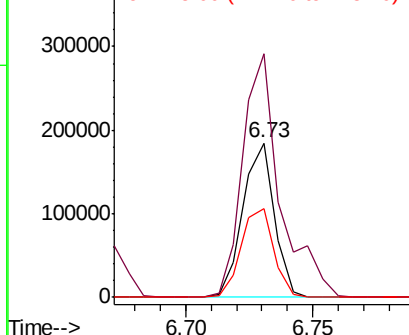


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

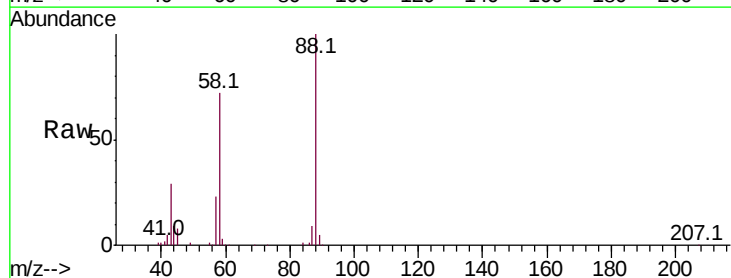
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 36.241 ng
RT: 2.51 min Scan# 29
Delta R.T. 0.06 min
Lab File: BF108964.D
Acq: 13 Sep 2018 15:12

Tgt Ion	Ratio	Lower	Upper
88	100		
58	71.0	62.6	93.8
43	28.1	24.6	37.0

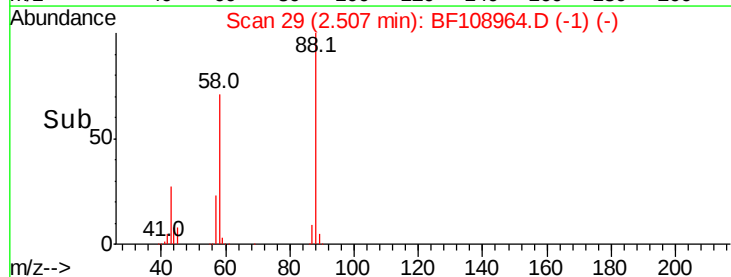
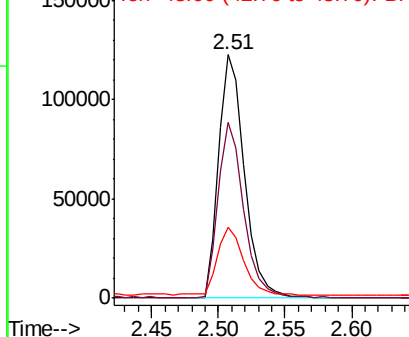


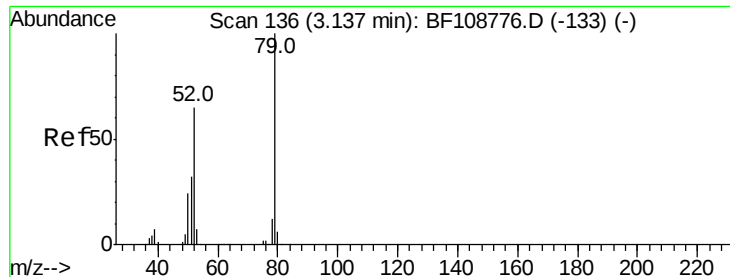
Abundance

Ion 88.00 (87.70 to 88.70): BF1

Ion 58.00 (57.70 to 58.70): BF1

Ion 43.00 (42.70 to 43.70): BF1





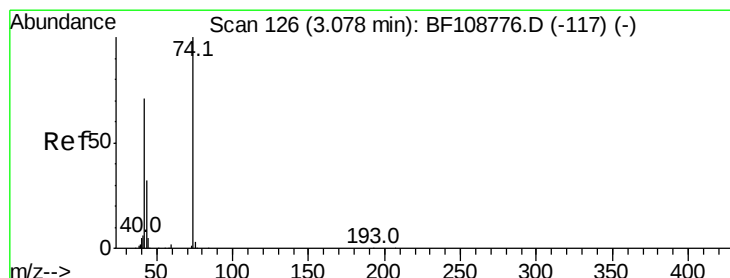
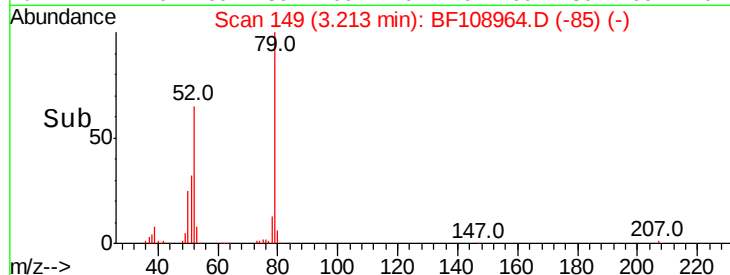
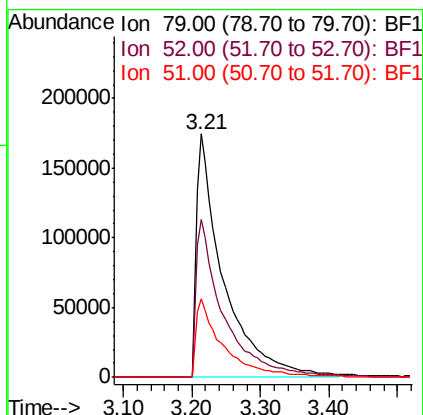
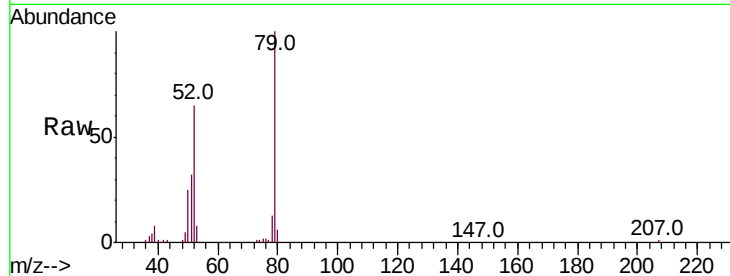
#3
 Pvrindine
 Concen: 37.726 ng
 RT: 3.21 min Scan# 149
 Delta R.T. 0.08 min
 Lab File: BF108964.D
 Acq: 13 Sep 2018 15:12

Instrument :
 BNA_F
 ClientSampleId :
 PB112800BS

Tot Ion	Ratio	Lower	Upper
79	100		
52	65.0	59.8	89.6
51	32.4	29.8	44.8

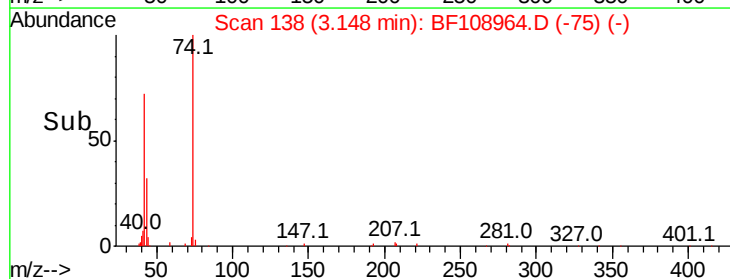
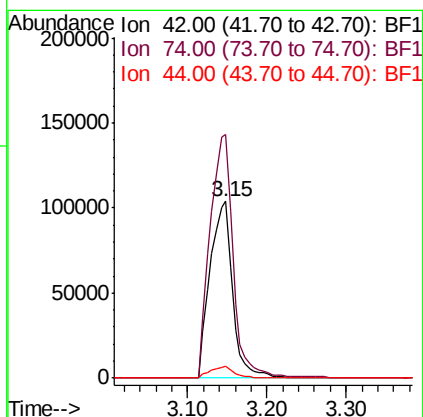
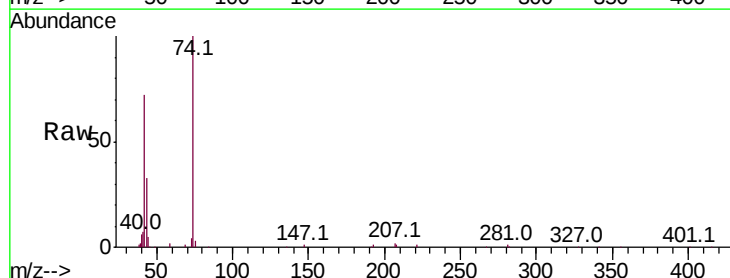
Manual Integrations
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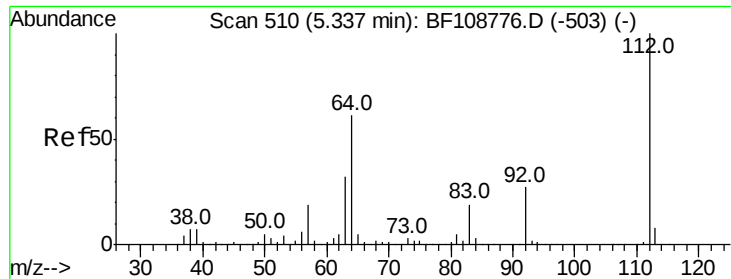
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#4
 n-Nitrosodimethylamine
 Concen: 42.519 ng
 RT: 3.15 min Scan# 138
 Delta R.T. 0.07 min
 Lab File: BF108964.D
 Acq: 13 Sep 2018 15:12

Tgt Ion	Ratio	Lower	Upper
42	100		
74	138.0	104.9	157.3
44	6.5	6.9	10.3#





#5

2-Fluorophenol

Concen: 104.254 ng

RT: 5.35 min Scan# 512

Delta R.T. 0.01 min

Lab File: BF108964.D

Acq: 13 Sep 2018 15:12

Instrument :

BNA_F

ClientSampled :

PB112800BS

Tot Ion:112 Resp: 1005618

Ion Ratio Lower Upper

112 100

64 60.2 47.9 71.9

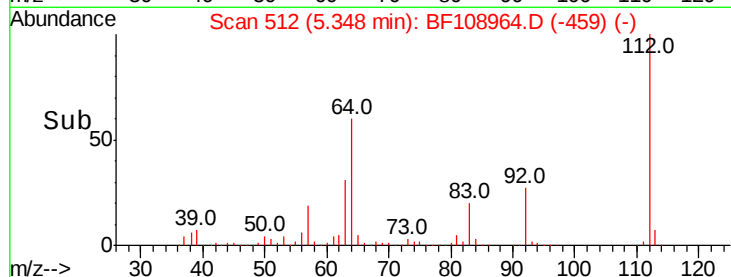
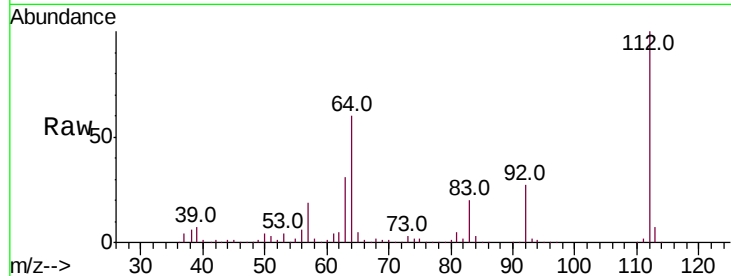
63 31.1 23.7 35.5

Manual Integrations

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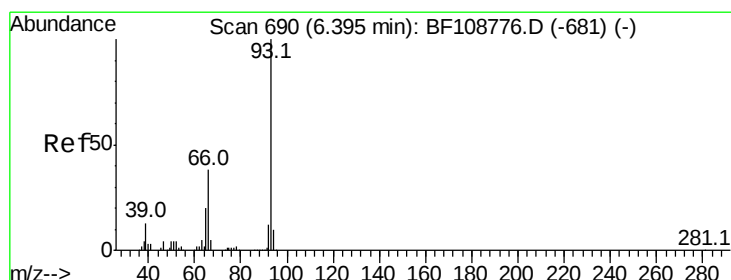
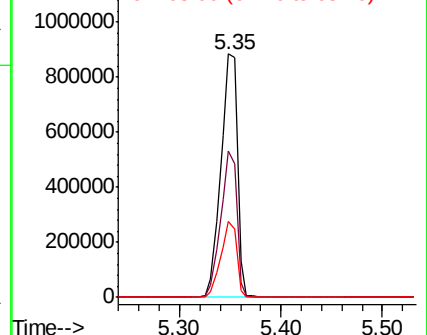
9/14/2018 8:37:57 AM



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 29.238 ng

RT: 6.39 min Scan# 689

Delta R.T. -0.01 min

Lab File: BF108964.D

Acq: 13 Sep 2018 15:12

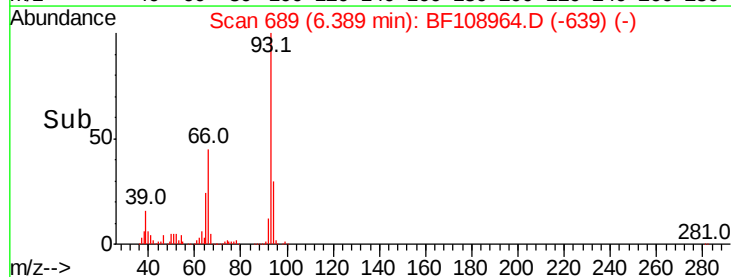
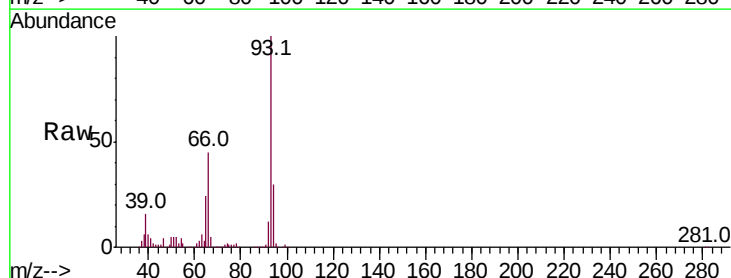
Tgt Ion: 93 Resp: 488048

Ion Ratio Lower Upper

93 100

66 44.9 32.2 48.2

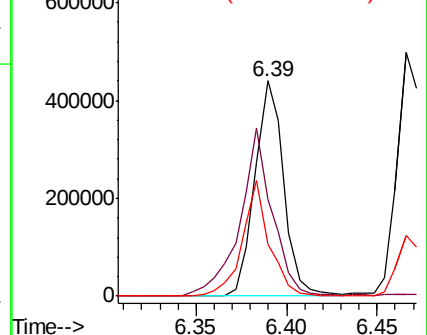
65 24.1 16.4 24.6

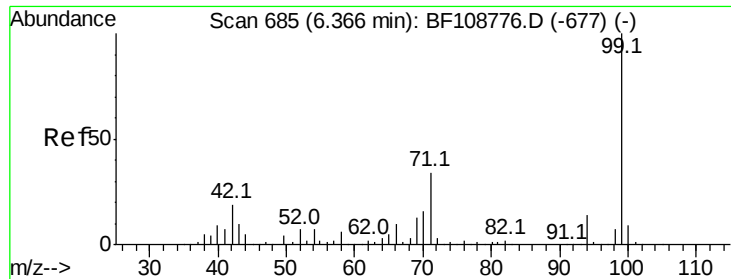


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 103.432 ng

RT: 6.37 min Scan# 686

Delta R.T. 0.01 min

Lab File: BF108964.D

Acq: 13 Sep 2018 15:12

Instrument :

BNA_F

ClientSampleId :

PB112800BS

Tot Ion: 99 Resp: 1283682

Ion Ratio Lower Upper

99 100

42 18.5 14.5 21.7

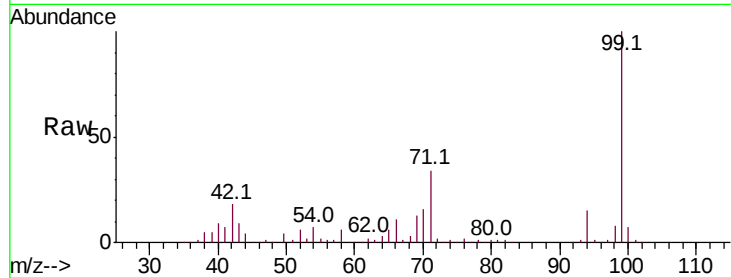
71 34.2 25.4 38.0

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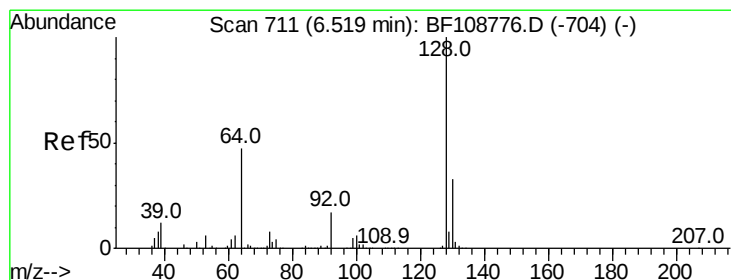
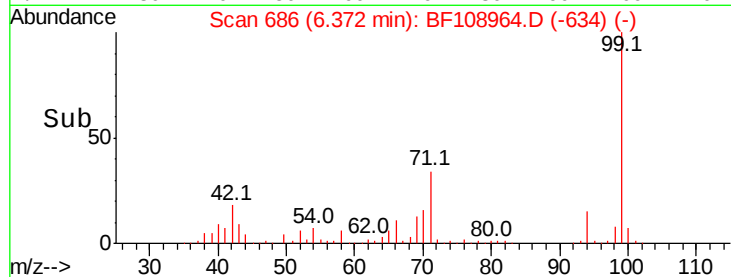
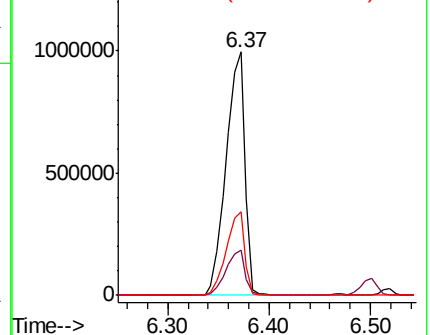
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Abundance Ion 99.00 (98.70 to 99.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 71.00 (70.70 to 71.70): BF1



#8

2-Chlorophenol

Concen: 41.695 ng

RT: 6.52 min Scan# 711

Delta R.T. -0.00 min

Lab File: BF108964.D

Acq: 13 Sep 2018 15:12

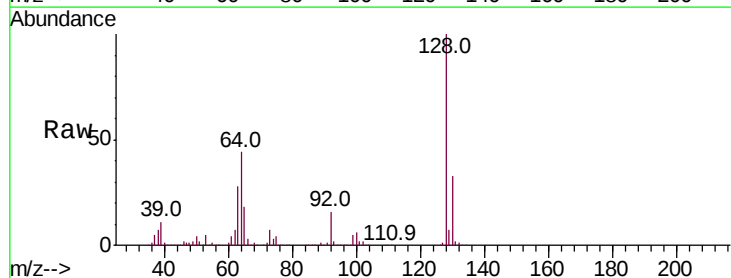
Tgt Ion:128 Resp: 445172

Ion Ratio Lower Upper

128 100

130 33.3 13.0 53.0

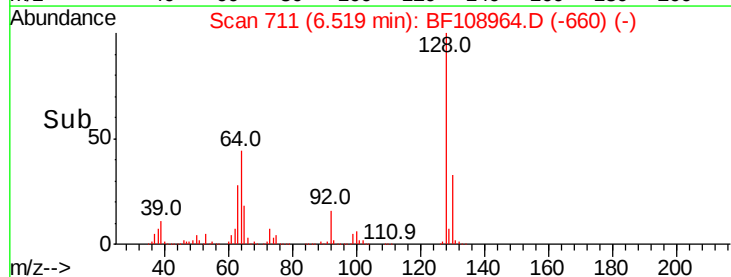
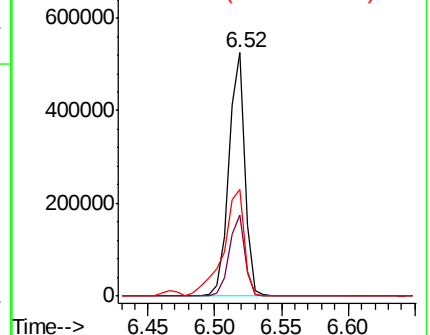
64 44.0 29.4 69.4

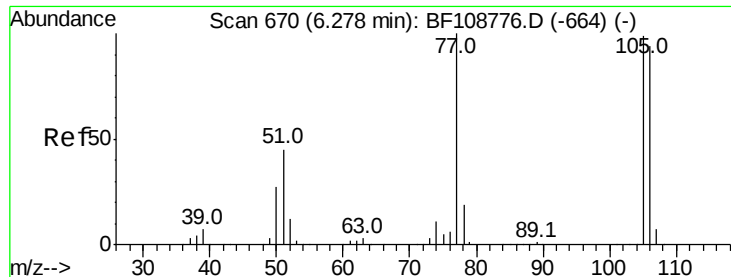


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF1





#9

Benzaldehyde

Concen: 27.079 ng

RT: 6.27 min Scan# 669

Delta R.T. -0.01 min

Lab File: BF108964.D

Acq: 13 Sep 2018 15:12

Instrument :

BNA_F

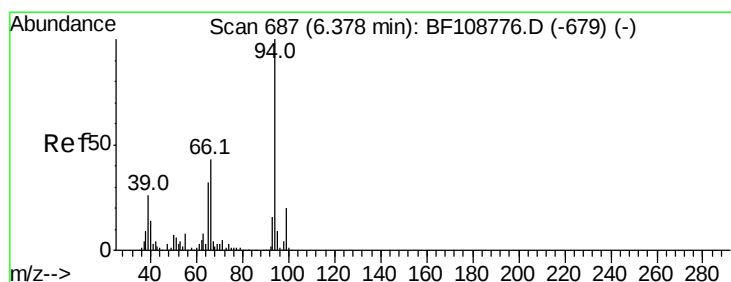
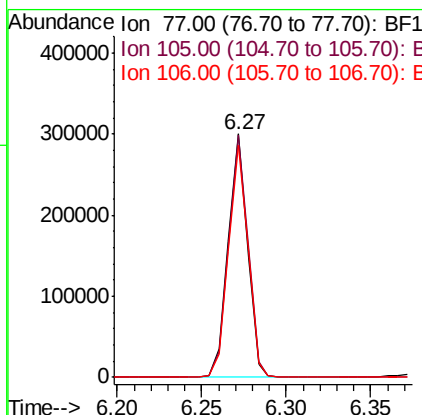
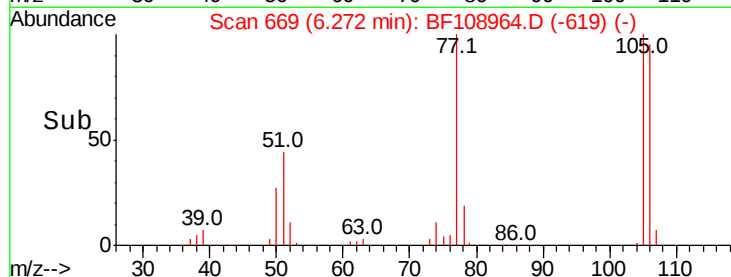
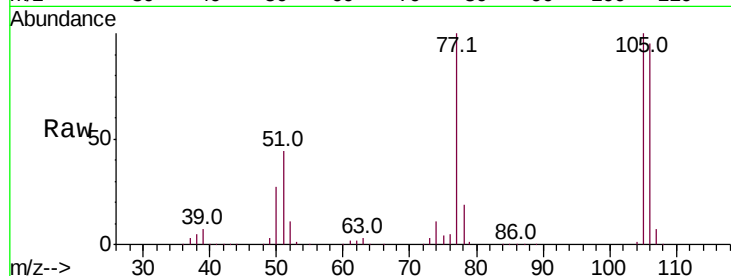
ClientSampleId :

PB112800BS

Tot Ion:	77	Resp:	238423
Ion Ratio	Lower	Upper	
77	100		
105	99.5	81.1	121.1
106	95.2	74.5	114.5

Manual Integrations
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#10

Phenol

Concen: 38.589 ng

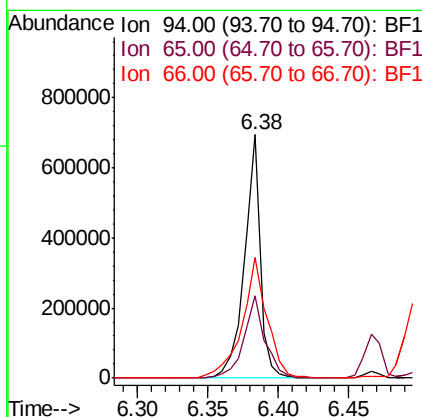
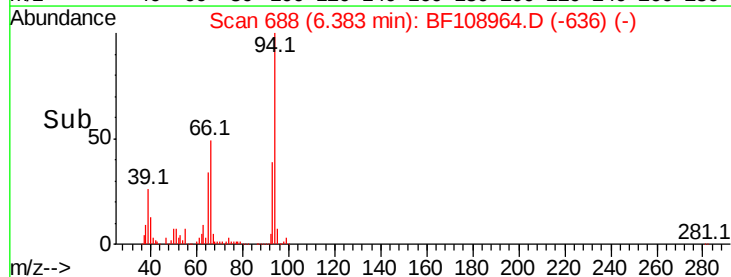
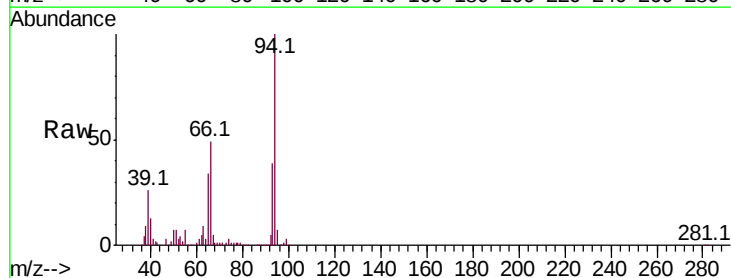
RT: 6.38 min Scan# 688

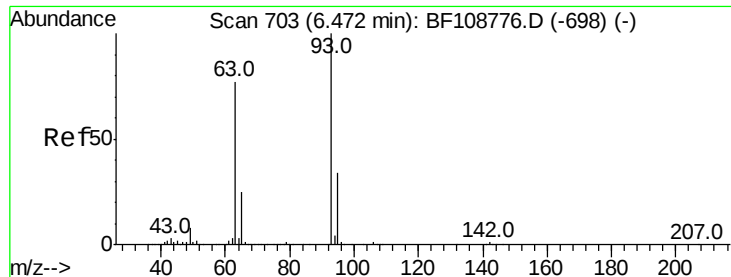
Delta R.T. 0.01 min

Lab File: BF108964.D

Acq: 13 Sep 2018 15:12

Tgt Ion:	94	Resp:	548536
Ion Ratio	Lower	Upper	
94	100		
65	34.0	7.9	47.9
66	49.3	16.2	56.2





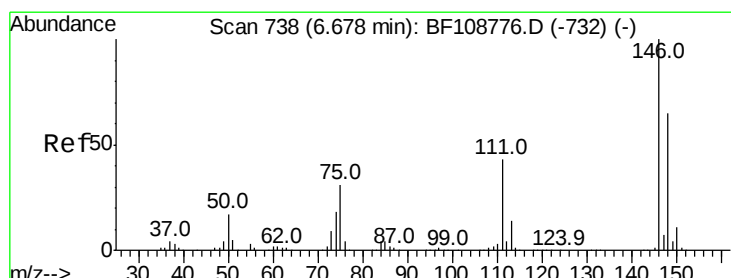
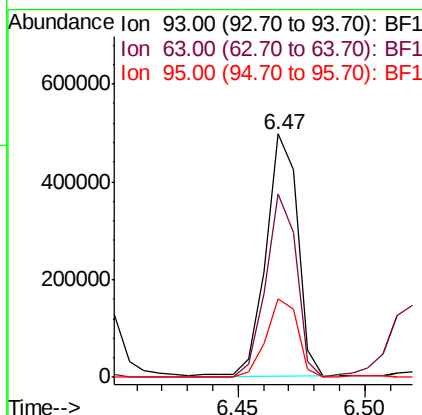
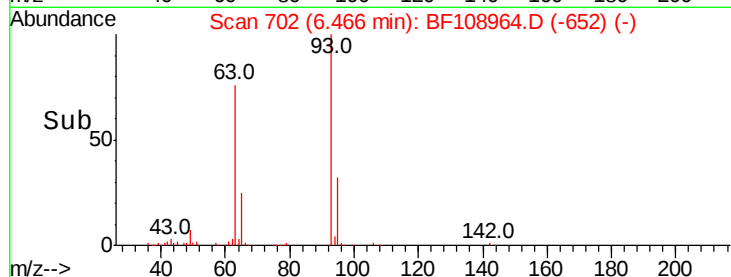
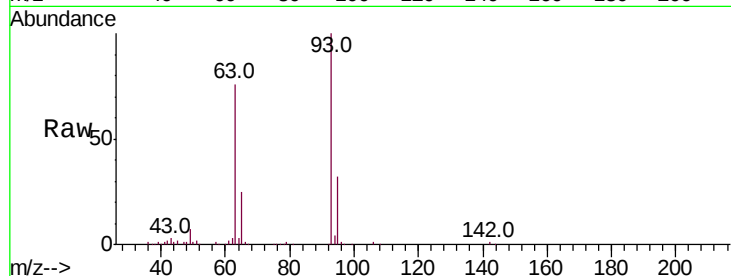
#11
bis(2-Chloroethyl)ether
Concen: 38.316 ng
RT: 6.47 min Scan# 702
Delta R.T. -0.01 min
Lab File: BF108964.D
Acq: 13 Sep 2018 15:12

Instrument :
BNA_F
ClientSampleId :
PB112800BS

Tot Ion	Ratio	Lower	Upper
93	100		
63	75.5	58.6	98.6
95	32.4	11.8	51.8

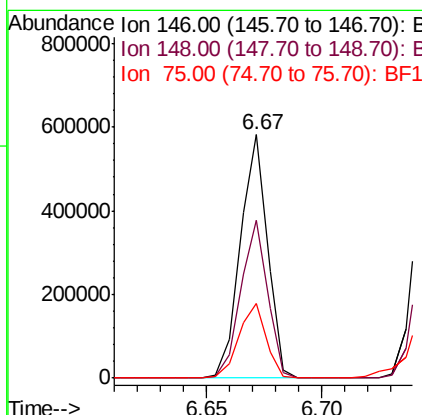
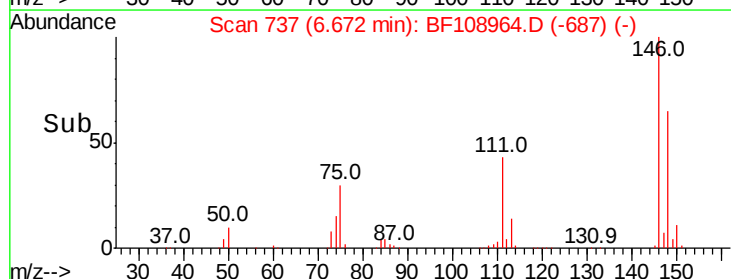
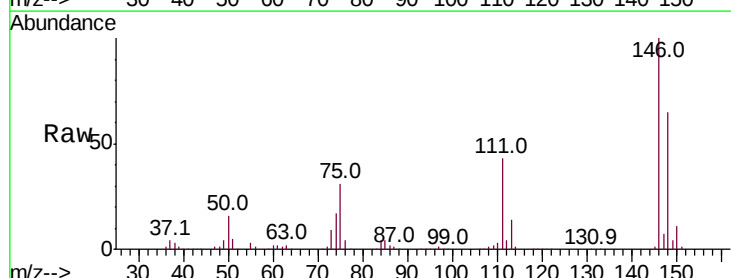
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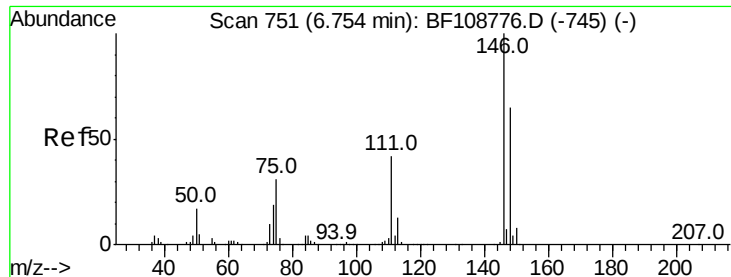
Sohil
9/14/2018 8:37:57 AM



#12
1,3-Dichlorobenzene
Concen: 39.120 ng
RT: 6.67 min Scan# 737
Delta R.T. -0.01 min
Lab File: BF108964.D
Acq: 13 Sep 2018 15:12

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.8	51.8	77.8
75	30.7	24.2	36.4





#13

1,4-Dichlorobenzene

Concen: 39.251 ng

RT: 6.75 min Scan# 750

Delta R.T. -0.01 min

Lab File: BF108964.D

Acq: 13 Sep 2018 15:12

Instrument :

BNA_F

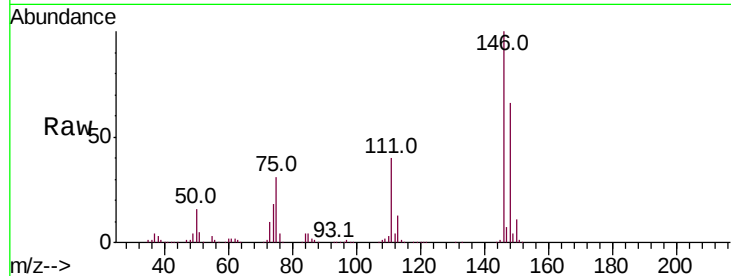
ClientSampleId :

PB112800BS

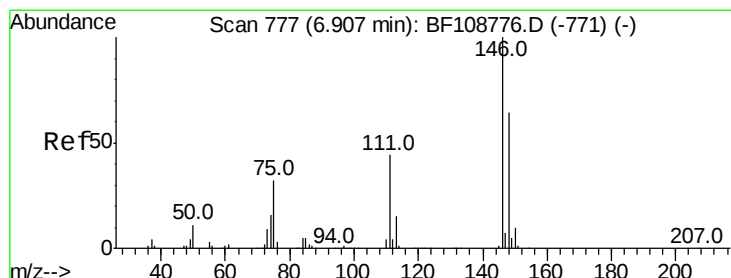
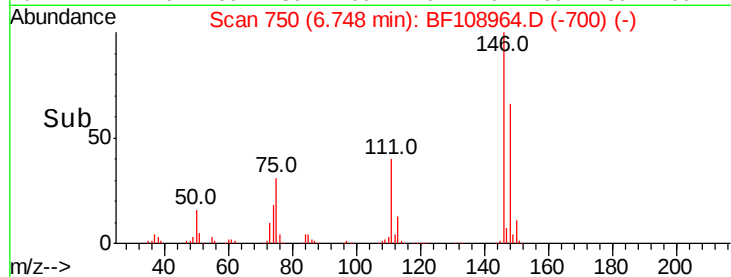
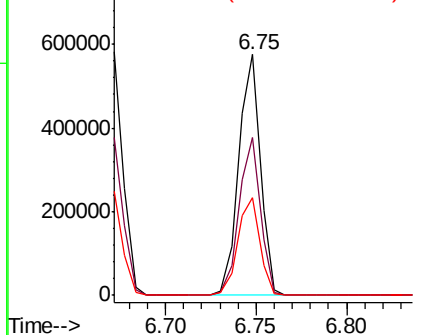
Tot Ion:	146	Resp:	478240
Ion Ratio	Lower	Upper	
146	100		
148	65.6	50.8	76.2
111	40.3	34.2	51.2

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Abundance Ion 146.00 (145.70 to 146.70): E
800000 Ion 148.00 (147.70 to 148.70): E
Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 39.704 ng

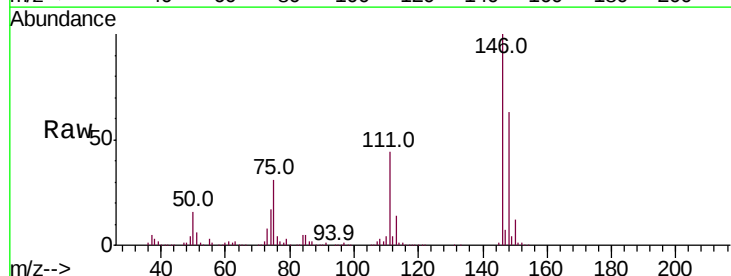
RT: 6.90 min Scan# 776

Delta R.T. -0.01 min

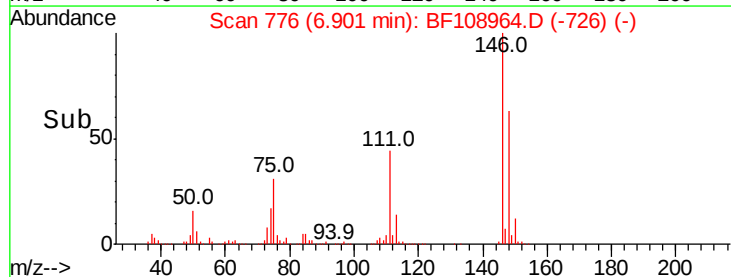
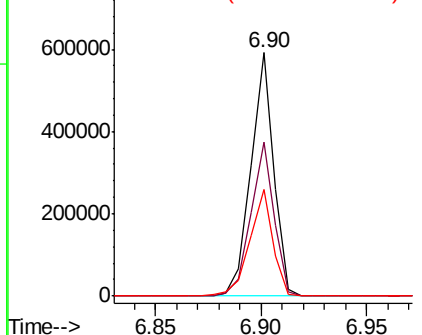
Lab File: BF108964.D

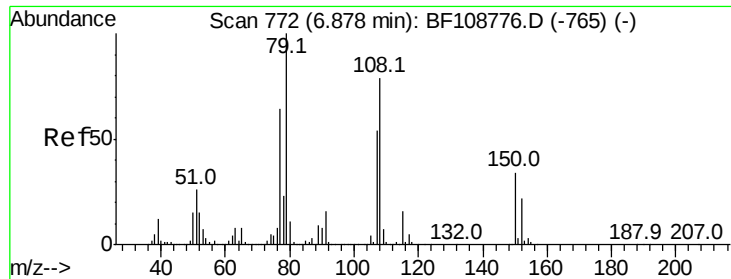
Acq: 13 Sep 2018 15:12

Tgt Ion:	146	Resp:	445892
Ion Ratio	Lower	Upper	
146	100		
148	63.5	50.6	75.8
111	43.7	36.0	54.0



Abundance Ion 146.00 (145.70 to 146.70): E
800000 Ion 148.00 (147.70 to 148.70): E
Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 40.365 ng

RT: 6.87 min Scan# 771

Delta R.T. -0.01 min

Lab File: BF108964.D

Acq: 13 Sep 2018 15:12

Instrument :

BNA_F

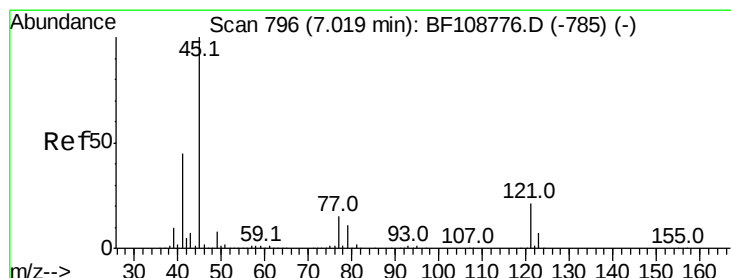
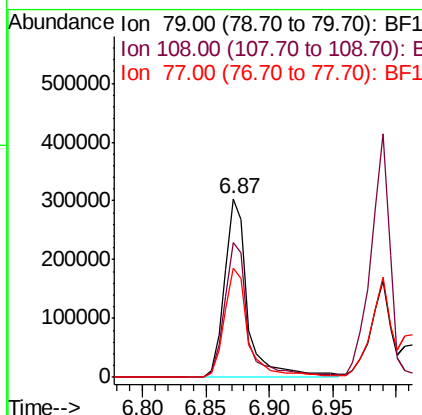
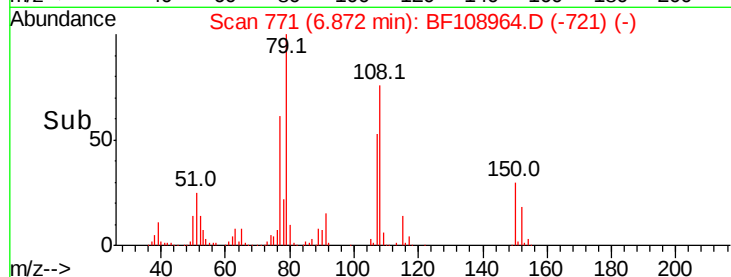
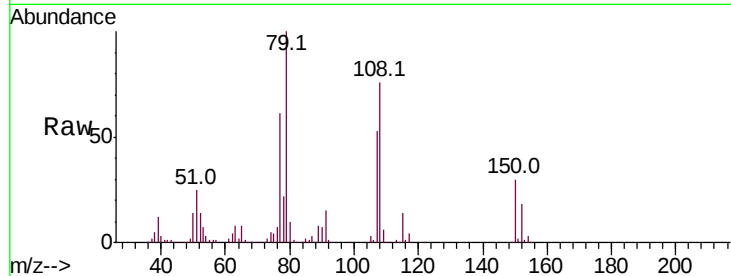
ClientSampled :

PB112800BS

Tot Ion:	79	Resp:	384457
Ion Ratio	Lower	Upper	
79	100		
108	75.5	65.1	97.7
77	61.3	50.6	75.8

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#16

2,2'-oxybis(1-Chloropropane)

Concen: 37.255 ng

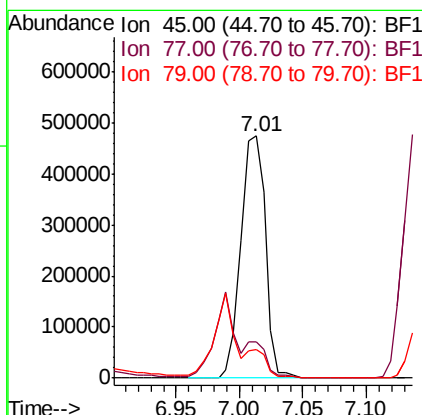
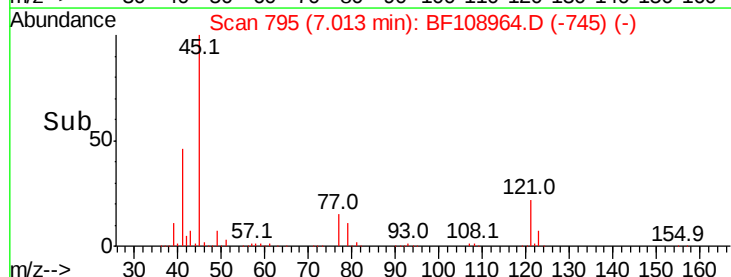
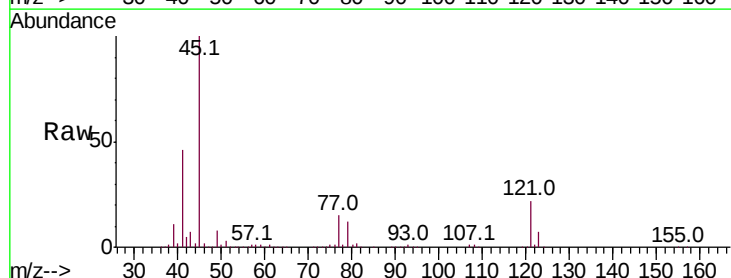
RT: 7.01 min Scan# 795

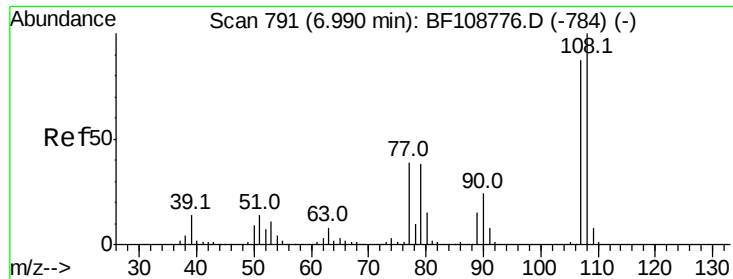
Delta R.T. -0.01 min

Lab File: BF108964.D

Acq: 13 Sep 2018 15:12

Tgt Ion:	45	Resp:	634145
Ion Ratio	Lower	Upper	
45	100		
77	15.1	0.0	32.9
79	11.7	0.0	29.6





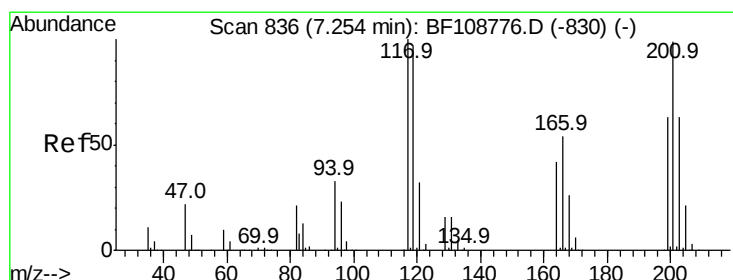
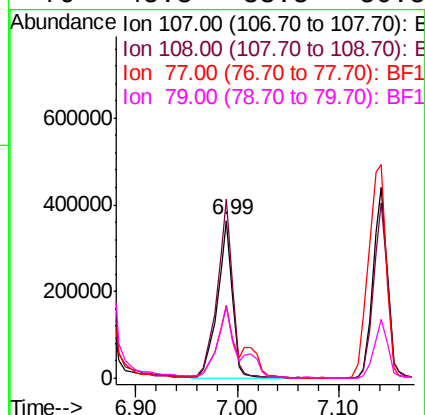
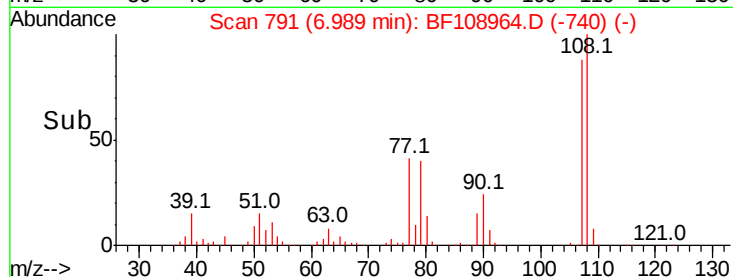
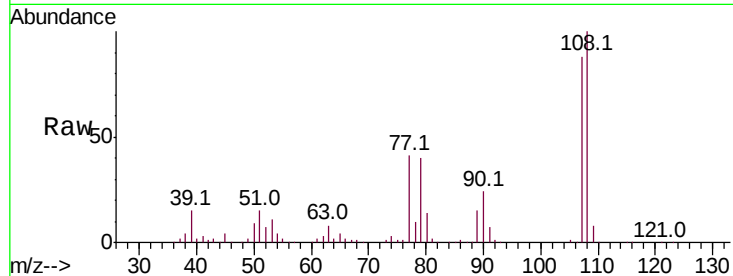
#17
2-Methylphenol
Concen: 41.837 ng
RT: 6.99 min Scan# 791
Delta R.T. -0.00 min
Lab File: BF108964.D
Acq: 13 Sep 2018 15:12

Instrument :
BNA_F
ClientSampleId :
PB112800BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
107	107	100			
108	108	113.7	91.7	137.5	
77	77	46.5	33.8	50.8	
79	79	45.3	33.8	50.8	

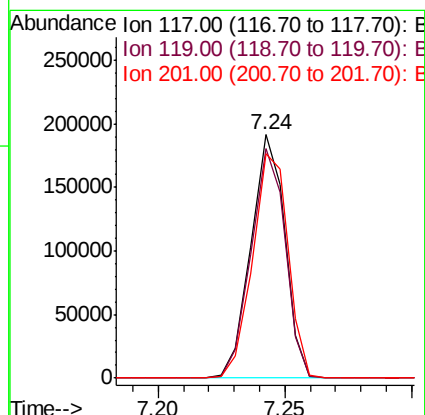
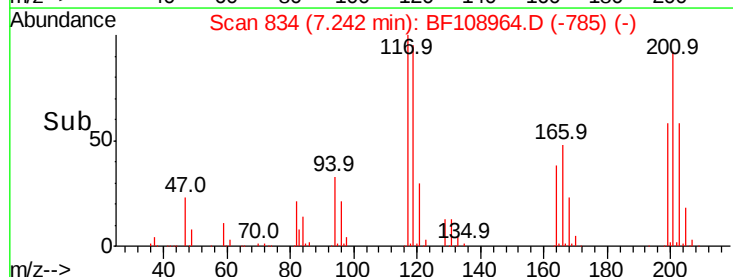
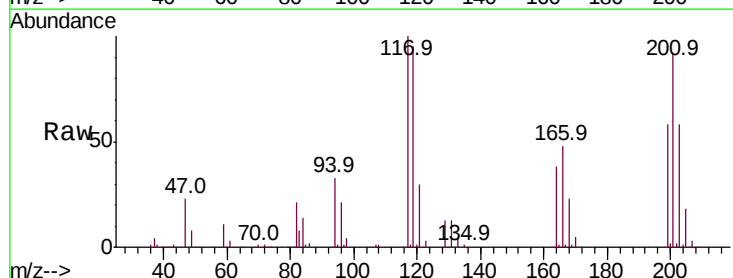
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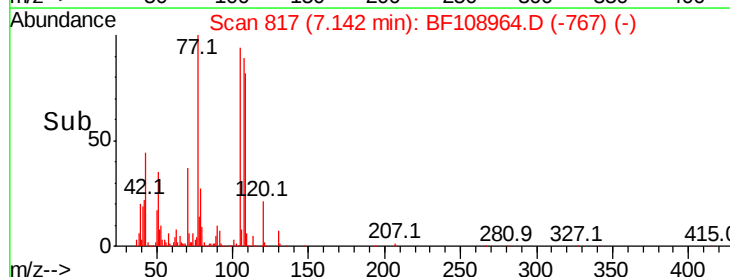
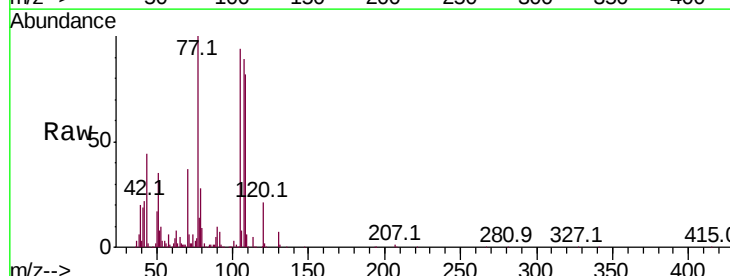
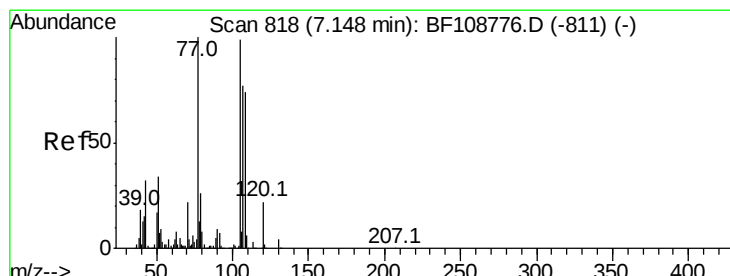
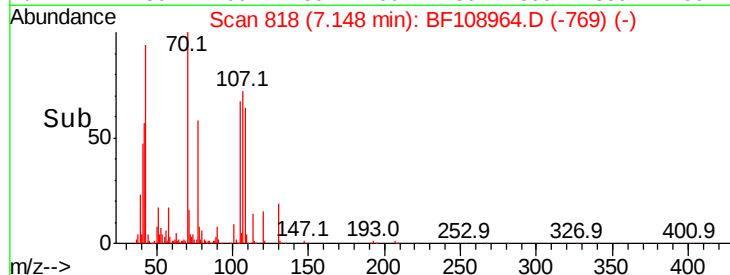
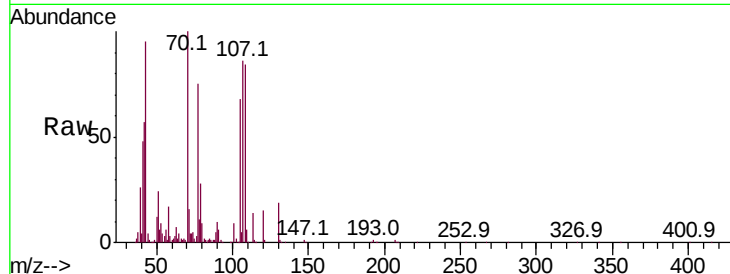
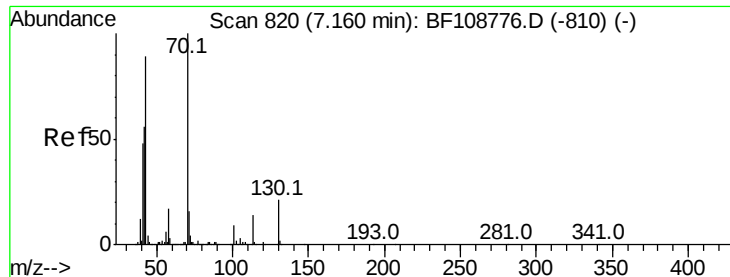
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#18
Hexachloroethane
Concen: 40.846 ng
RT: 7.24 min Scan# 834
Delta R.T. -0.01 min
Lab File: BF108964.D
Acq: 13 Sep 2018 15:12

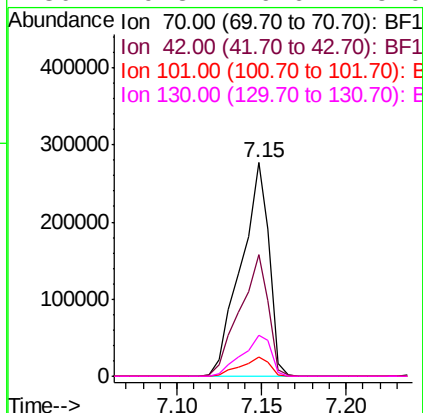
Tgt Ion	Ion	Ratio	Resp	Lower	Upper
117	117	100			
119	119	94.5	75.8	113.8	
201	201	92.2	75.7	113.5	





#19
n-Nitroso-di-n-propylamine
Concen: 37.395 ng
RT: 7.15 min Scan# 818
Delta R.T. -0.01 min
Lab File: BF108964.D
Acq: 13 Sep 2018 15:12

Tot Ion	Ion	Ratio	Resp	Lower	Upper
70	100				
42	57.2	47.5	71.3		
101	9.3	7.4	11.2		
130	19.3	16.6	25.0		



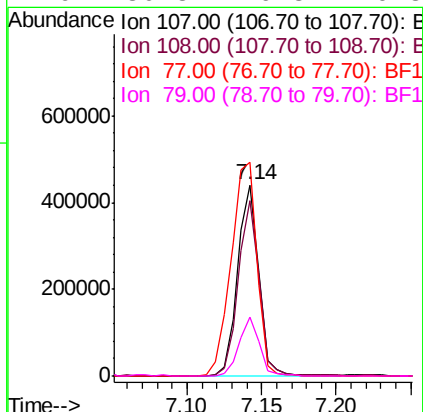
Instrument :
BNA_F
ClientSampleId :
PB112800BS

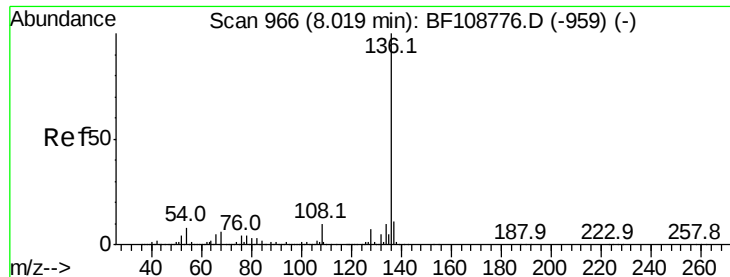
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#20
3+4-Methylphenols
Concen: 41.094 ng
RT: 7.14 min Scan# 817
Delta R.T. -0.01 min
Lab File: BF108964.D
Acq: 13 Sep 2018 15:12

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
107	100				
108	91.6	68.2	108.2		
77	111.8	26.7	66.7#		
79	30.8	6.3	46.3		





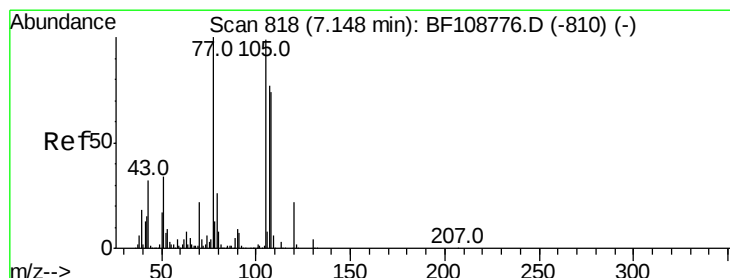
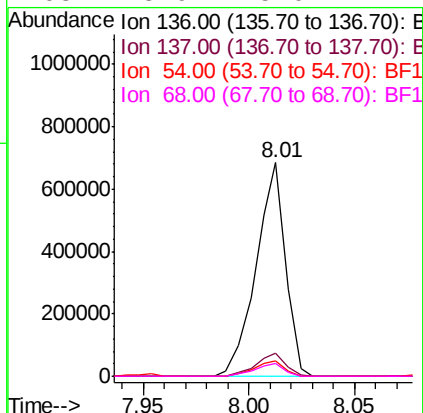
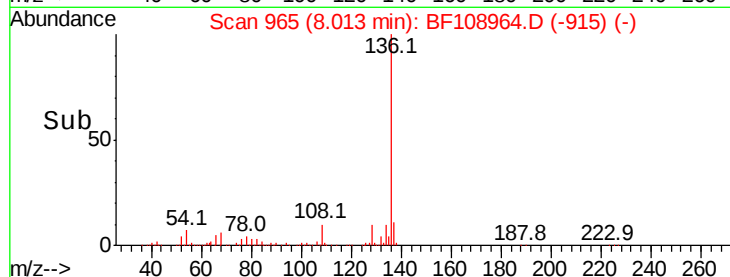
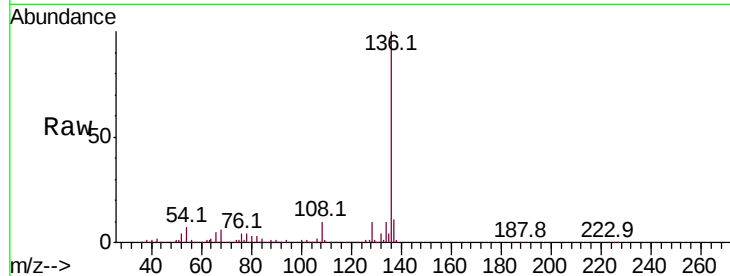
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.01 min Scan# 965
Delta R.T. -0.01 min
Lab File: BF108964.D
Acq: 13 Sep 2018 15:12

Instrument :
BNA_F
ClientSampleId :
PB112800BS

Tot Ion	Ratio	Resp	Lower	Upper
136	100	662742		
137	10.9		8.9	13.3
54	7.2		6.6	9.8
68	5.9		5.0	7.4

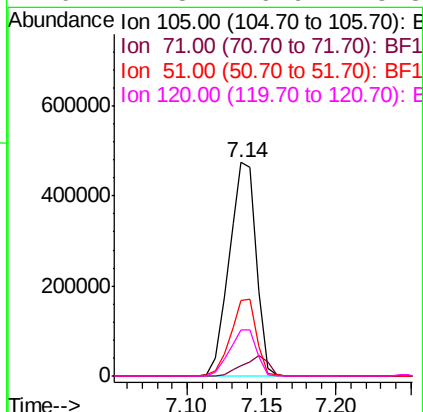
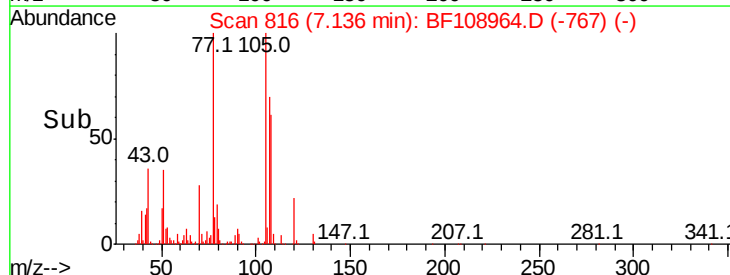
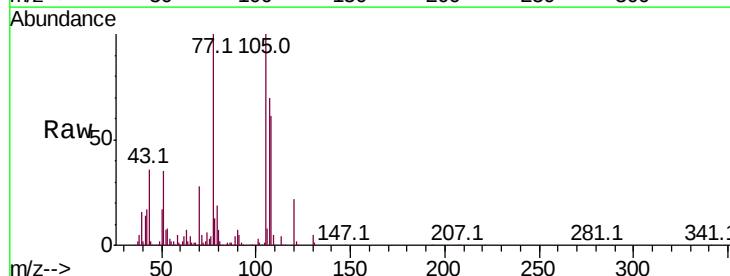
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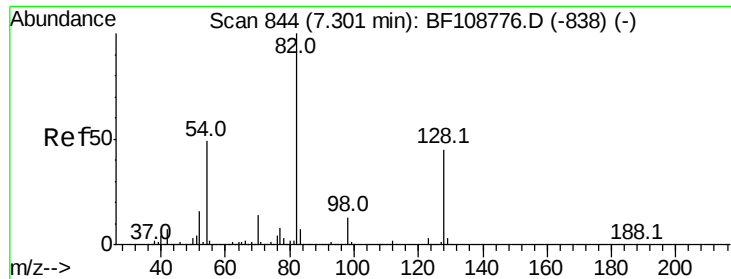
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#22
Acetophenone
Concen: 39.928 ng
RT: 7.14 min Scan# 816
Delta R.T. -0.01 min
Lab File: BF108964.D
Acq: 13 Sep 2018 15:12

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	600564		
71	4.6		4.4	6.6
51	35.2		22.3	33.5#
120	21.8		16.9	25.3





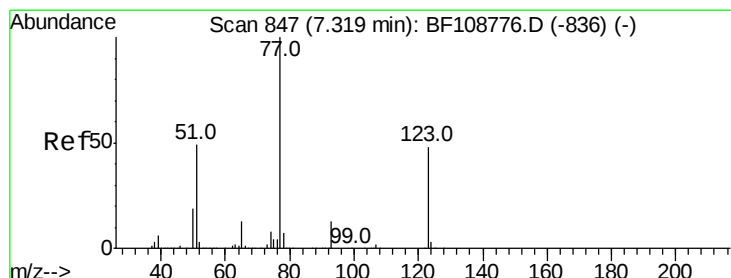
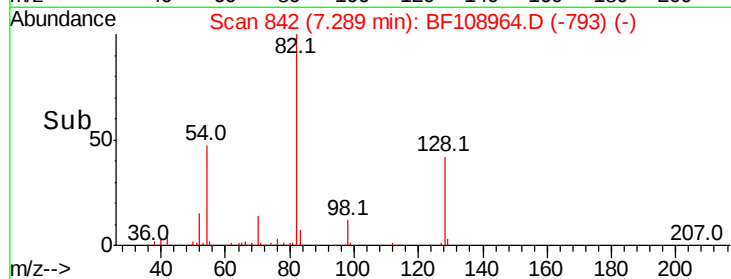
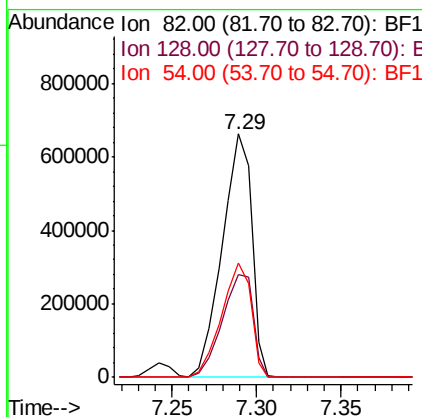
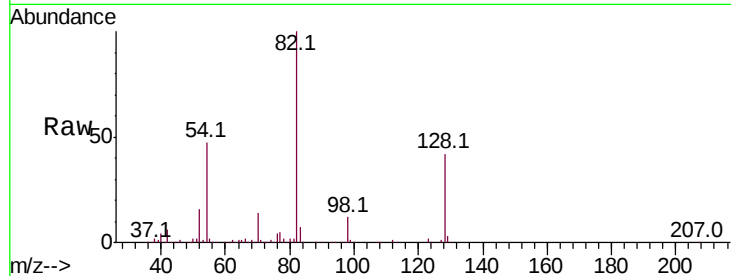
#23
 Nitrobenzene-d5
 Concen: 75.999 ng
 RT: 7.29 min Scan# 842
 Delta R.T. -0.01 min
 Lab File: BF108964.D
 Acq: 13 Sep 2018 15:12

Instrument :
 BNA_F
 ClientSampleId :
 PB112800BS

Tot Ion	Ratio	Lower	Upper
82	100		
128	42.2	36.1	54.1
54	47.1	41.4	62.2

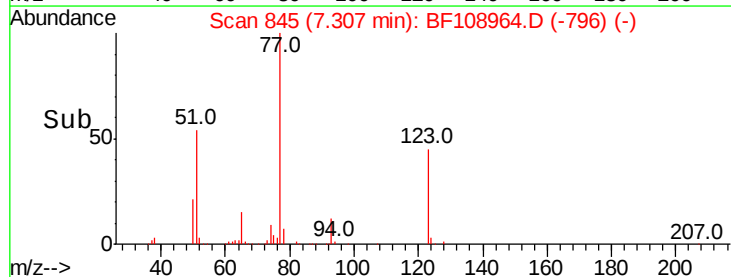
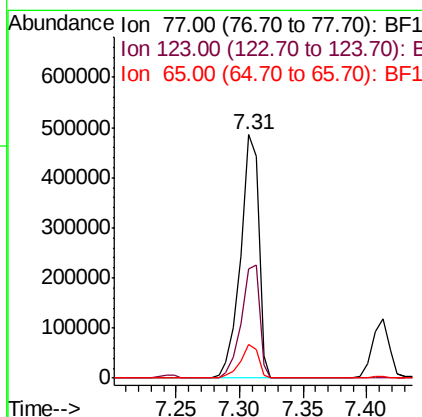
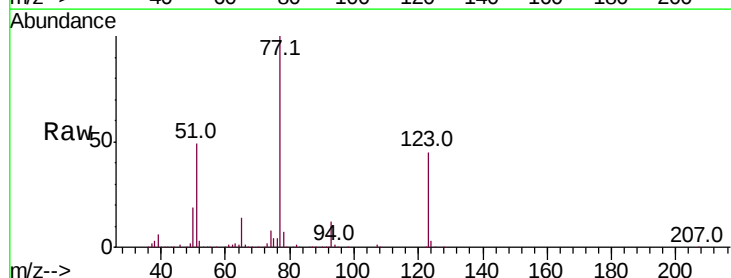
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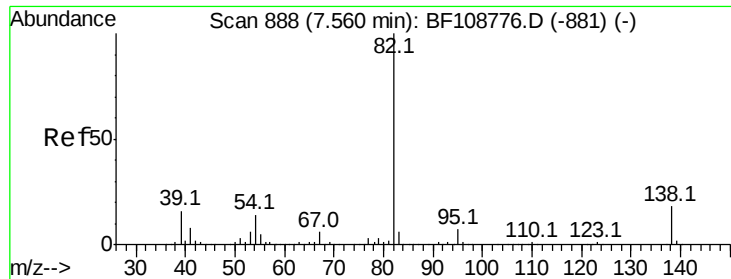
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#24
 Nitrobenzene
 Concen: 42.333 ng
 RT: 7.31 min Scan# 845
 Delta R.T. -0.01 min
 Lab File: BF108964.D
 Acq: 13 Sep 2018 15:12

Tgt Ion	Ratio	Lower	Upper
77	100		
123	44.8	37.9	56.9
65	13.7	11.0	16.4





#25

Isophorone

Concen: 42.133 ng

RT: 7.55 min Scan# 887

Delta R.T. -0.01 min

Lab File: BF108964.D

Acq: 13 Sep 2018 15:12

Instrument :

BNA_F

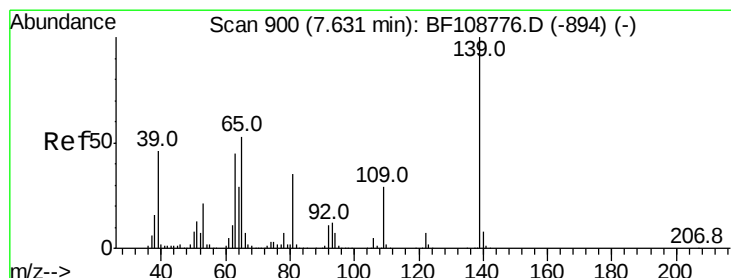
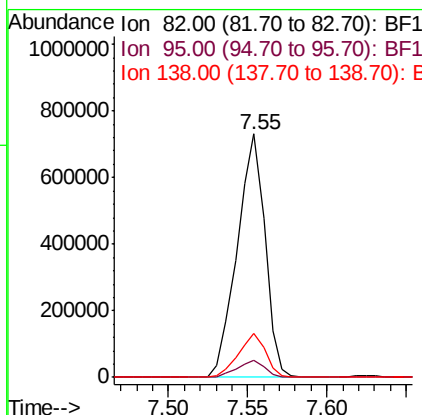
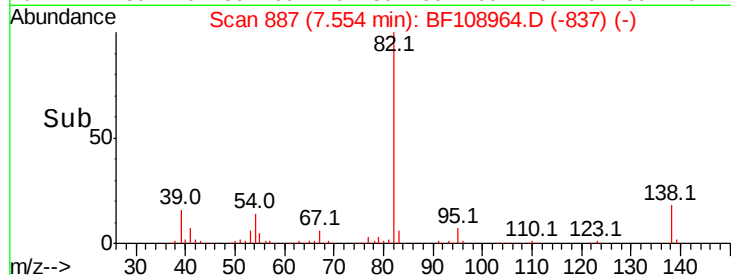
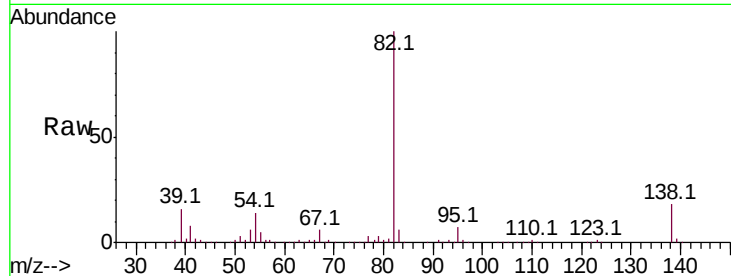
ClientSampleId :

PB112800BS

Tot Ion:	82	Resp:	890015
Ion Ratio	Lower	Upper	
82	100		
95	6.9	5.2	7.8
138	18.0	14.9	22.3

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#26

2-Nitrophenol

Concen: 52.034 ng

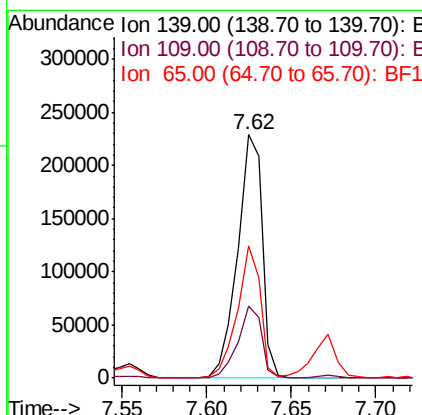
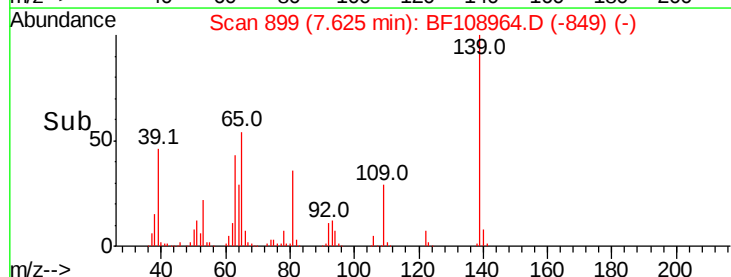
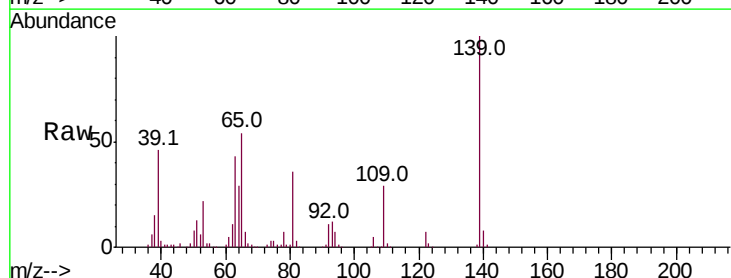
RT: 7.62 min Scan# 899

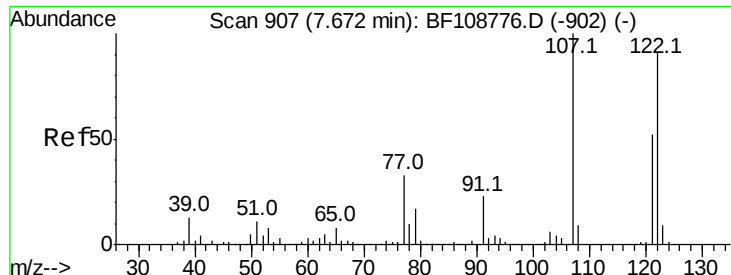
Delta R.T. -0.01 min

Lab File: BF108964.D

Acq: 13 Sep 2018 15:12

Tgt Ion:	139	Resp:	232940
Ion Ratio	Lower	Upper	
139	100		
109	29.5	22.7	34.1
65	54.3	40.5	60.7





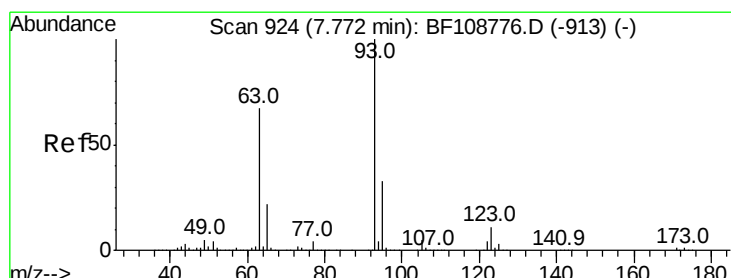
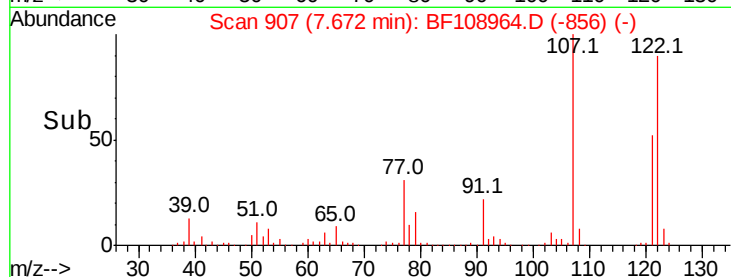
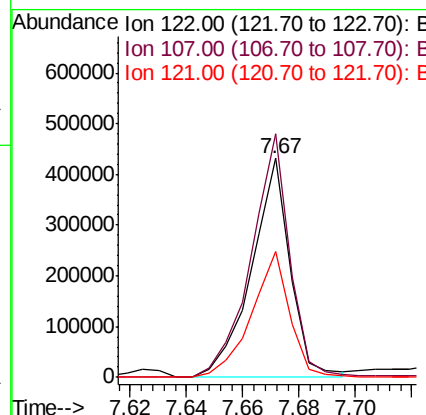
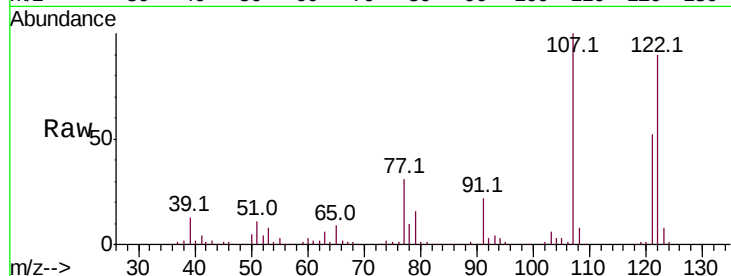
#27
2,4-Dimethylphenol
Concen: 45.015 ng
RT: 7.67 min Scan# 907
Delta R.T. -0.00 min
Lab File: BF108964.D
Acq: 13 Sep 2018 15:12

Instrument :
BNA_F
ClientSampleId :
PB112800BS

Tot Ion	Ratio	Resp	Lower	Upper
122	100	409219		
107	111.1	91.2	136.8	
121	57.2	47.2	70.8	

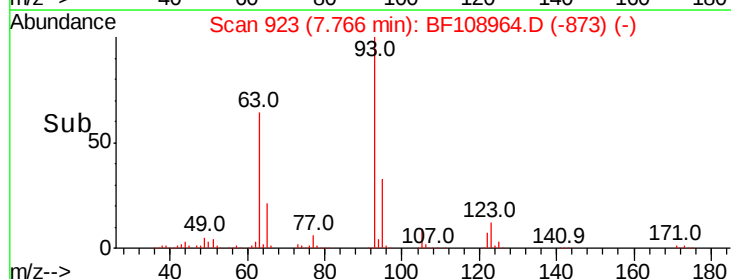
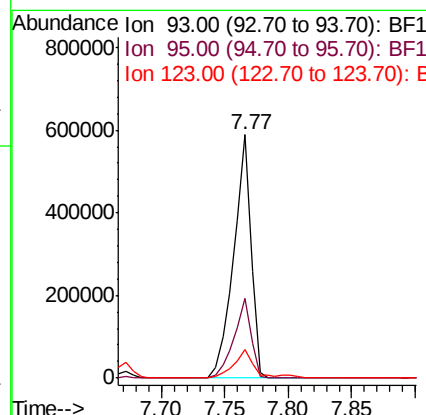
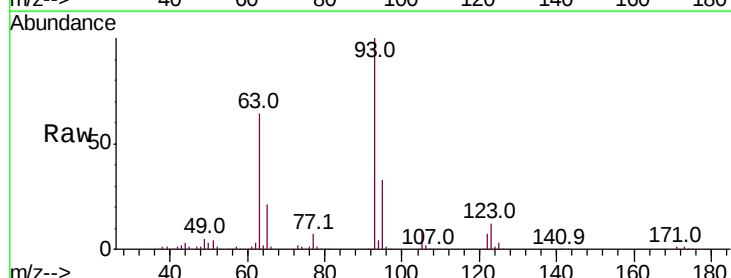
Manual Integrations
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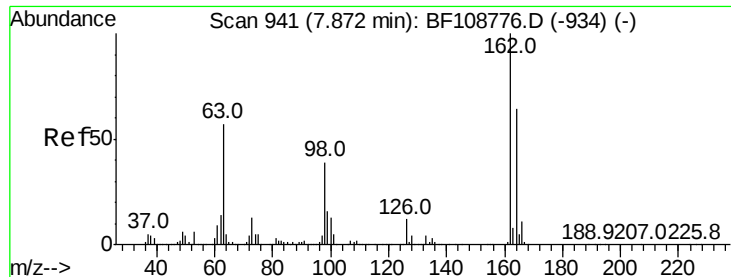
Sohil
9/14/2018 8:37:57 AM



#28
bis(2-Chloroethoxy)methane
Concen: 39.565 ng
RT: 7.77 min Scan# 923
Delta R.T. -0.01 min
Lab File: BF108964.D
Acq: 13 Sep 2018 15:12

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	558784		
95	32.7	26.3	39.5	
123	11.7	9.8	14.6	





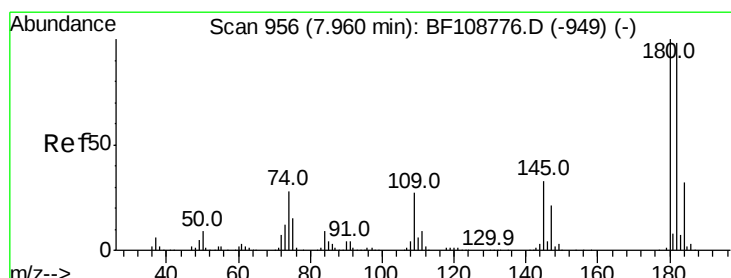
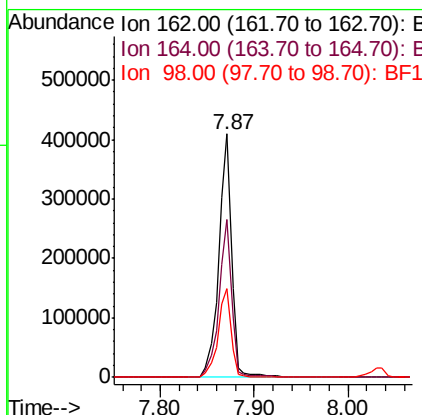
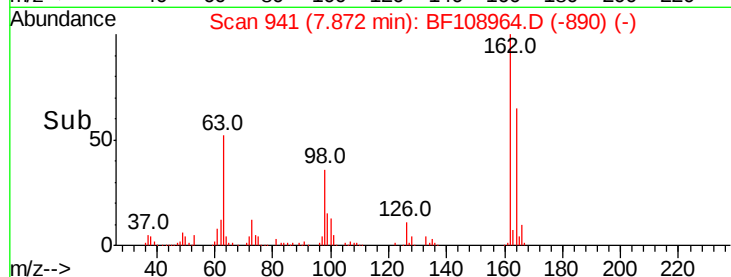
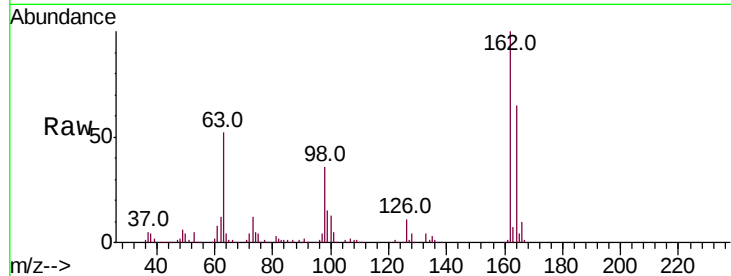
#29
2,4-Dichlorophenol
Concen: 41.784 ng
RT: 7.87 min Scan# 941
Delta R.T. -0.00 min
Lab File: BF108964.D
Acq: 13 Sep 2018 15:12

Instrument :
BNA_F
ClientSampled :
PB112800BS

Tot Ion	Ratio	Resp	Lower	Upper
162	100	391671		
164	64.9	42.7	82.7	
98	36.3	18.1	58.1	

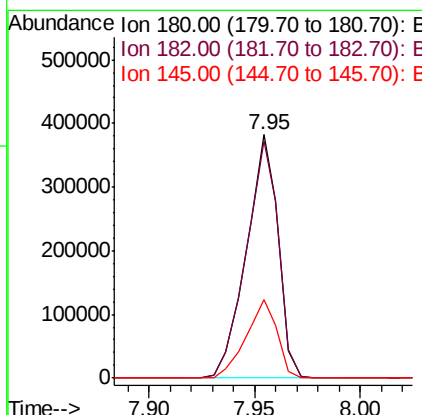
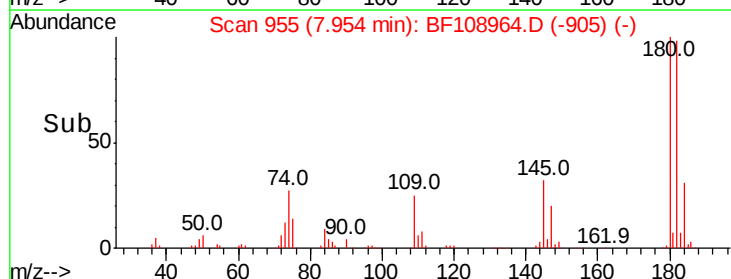
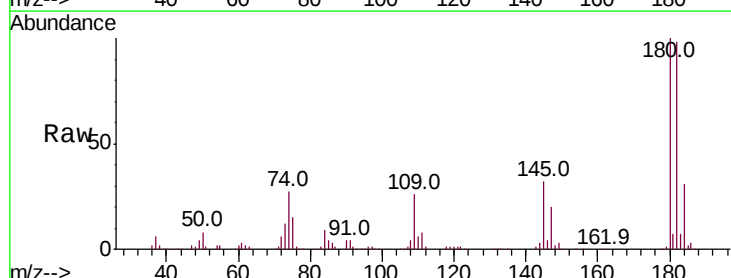
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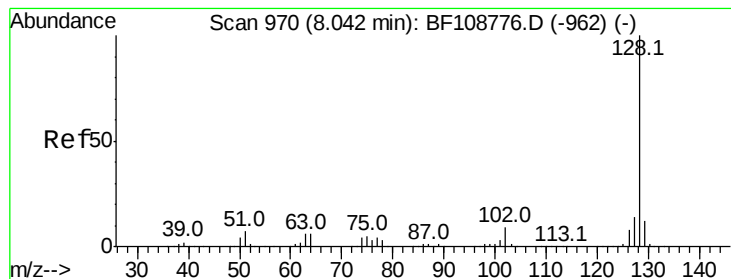
Sohil
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#30
1,2,4-Trichlorobenzene
Concen: 39.033 ng
RT: 7.95 min Scan# 956
Delta R.T. -0.01 min
Lab File: BF108964.D
Acq: 13 Sep 2018 15:12

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	396524		
182	97.6	76.8	115.2	
145	32.4	26.5	39.7	





#31

Naphthalene

Concen: 42.635 ng

RT: 8.04 min Scan# 969

Delta R.T. -0.01 min

Lab File: BF108964.D

Acq: 13 Sep 2018 15:12

Instrument :

BNA_F

ClientSampleId :

PB112800BS

Tot Ion:128 Resp: 1271254

Ion Ratio Lower Upper

128 100

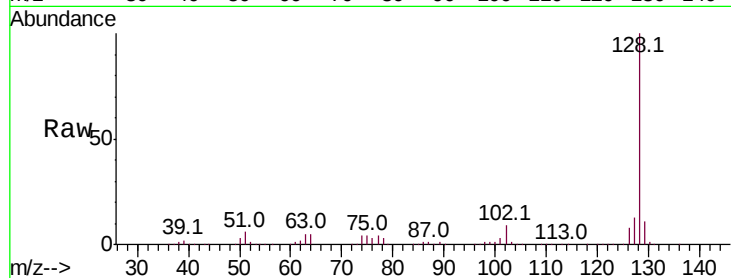
129 11.1 8.8 13.2

127 13.4 10.9 16.3

Manual Integrations
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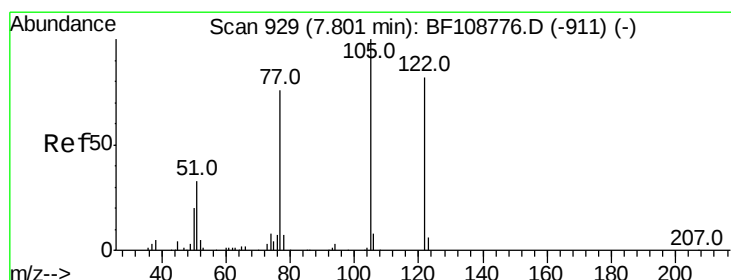
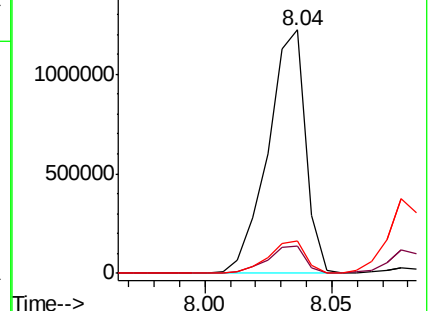
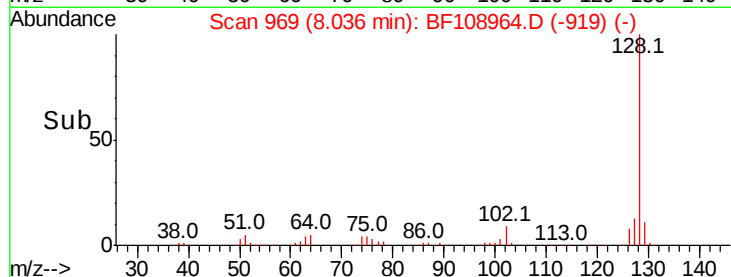
9/14/2018 8:37:57 AM



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 46.226 ng

RT: 7.80 min Scan# 929

Delta R.T. 0.00 min

Lab File: BF108964.D

Acq: 13 Sep 2018 15:12

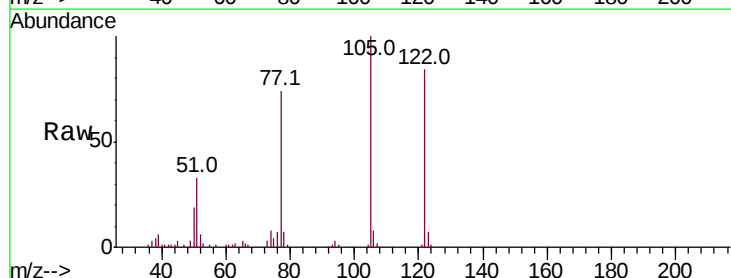
Tgt Ion:122 Resp: 273391

Ion Ratio Lower Upper

122 100

105 119.5 101.1 141.1

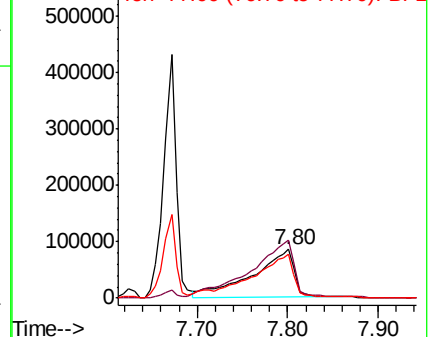
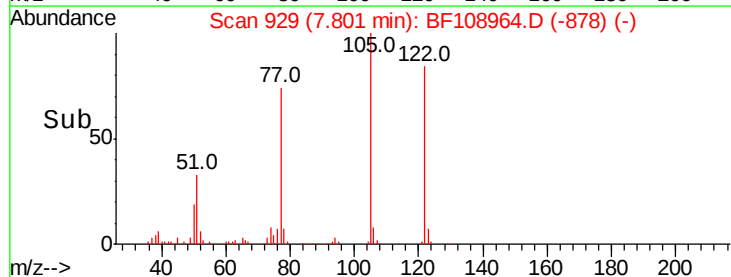
77 88.6 70.7 110.7

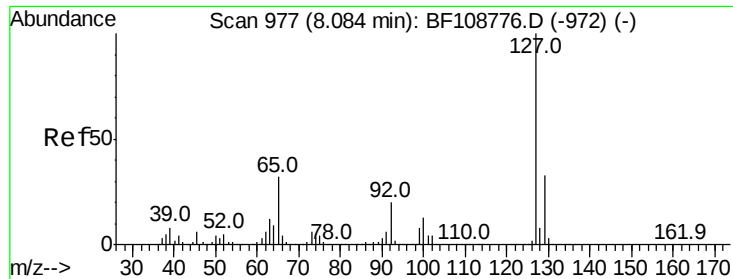


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1





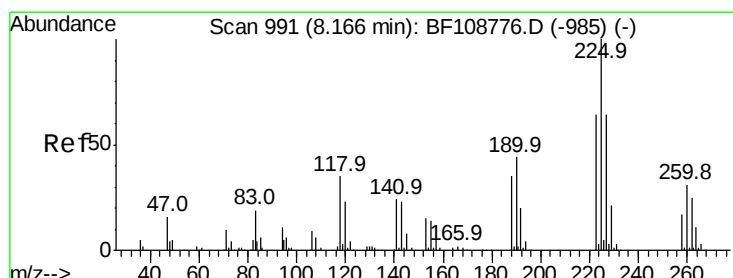
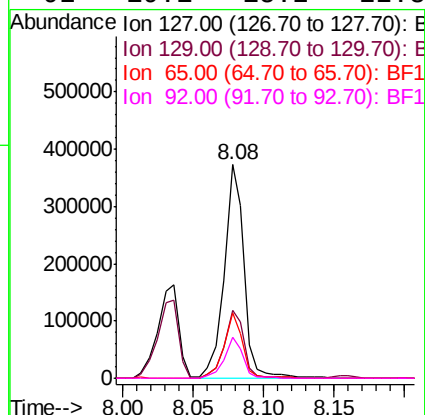
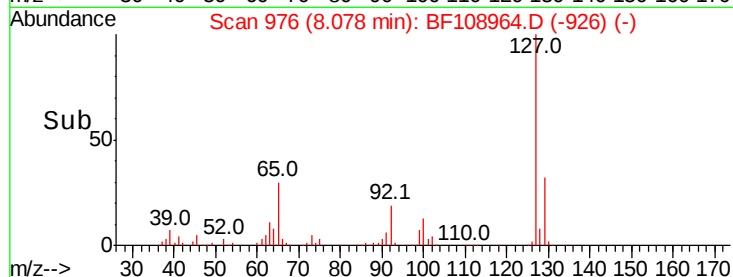
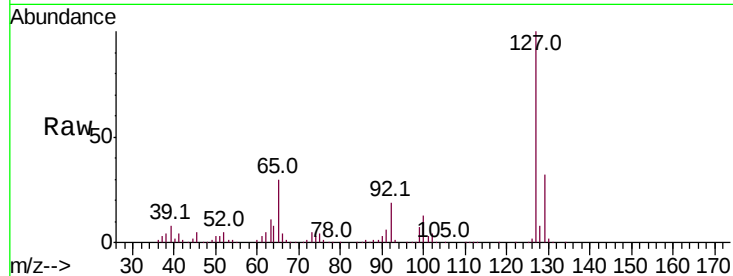
#33
4-Chloroaniline
Concen: 26.319 ng
RT: 8.08 min Scan# 976
Delta R.T. -0.01 min
Lab File: BF108964.D
Acq: 13 Sep 2018 15:12

Instrument :
BNA_F
ClientSampleId :
PB112800BS

Tot Ion	Ratio	Resp	Lower	Upper
127	100			
129	31.5	25.9	38.9	
65	30.4	25.0	37.4	
92	19.1	15.2	22.8	

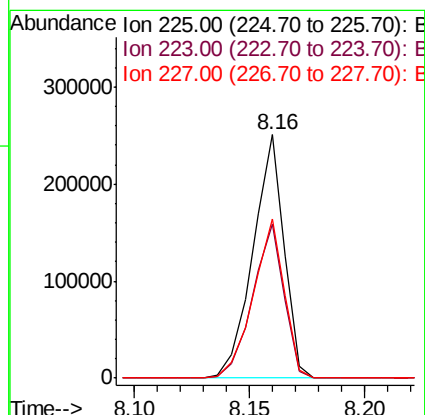
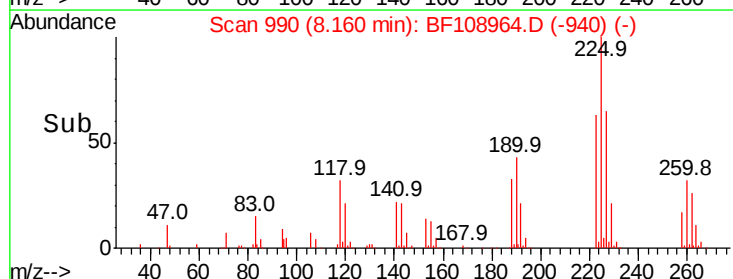
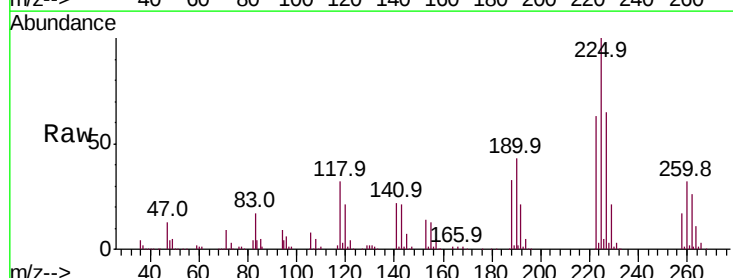
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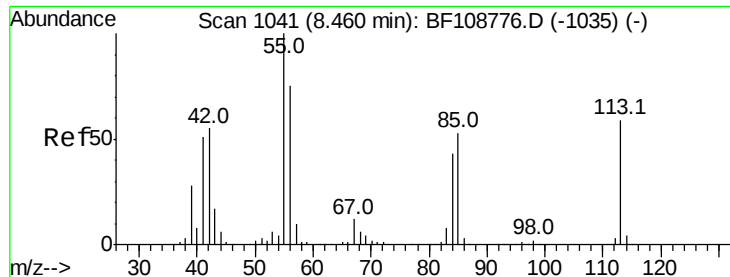
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#34
Hexachlorobutadiene
Concen: 38.790 ng
RT: 8.16 min Scan# 990
Delta R.T. -0.01 min
Lab File: BF108964.D
Acq: 13 Sep 2018 15:12

Tgt Ion	Ratio	Resp	Lower	Upper
225	100			
223	63.4	50.6	76.0	
227	65.3	51.9	77.9	





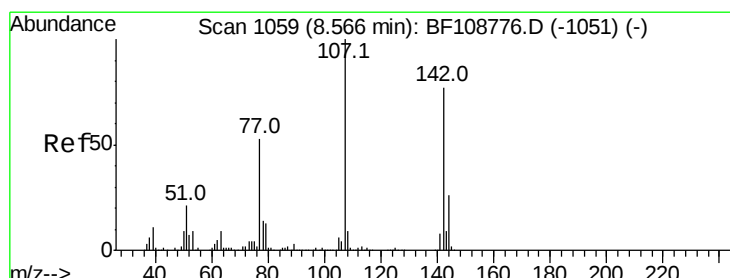
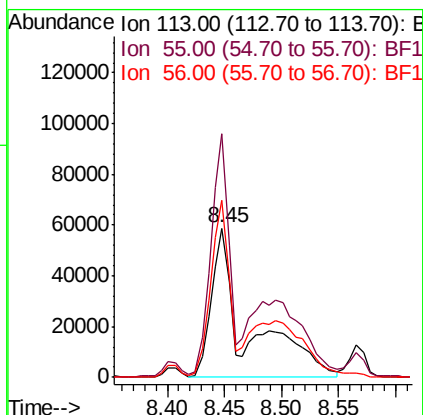
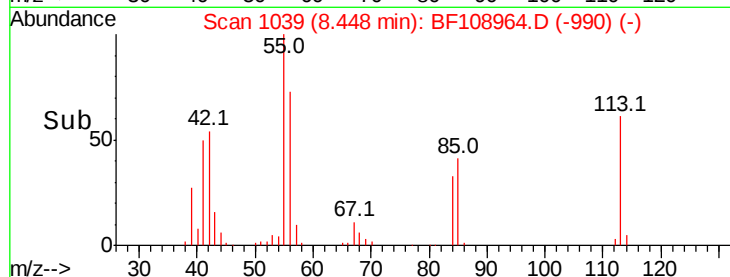
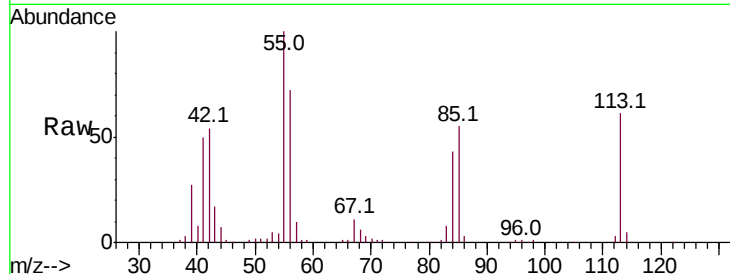
#35
Caprolactam
Concen: 39.634 ng/ml
RT: 8.45 min Scan# 1039
Delta R.T. -0.01 min
Lab File: BF108964.D
Acq: 13 Sep 2018 15:12

Instrument :
BNA_F
ClientSampleId :
PB112800BS

Tot Ion	Ratio	Lower	Upper
113	100		
55	163.4	163.3	203.3
56	118.4	115.7	155.7

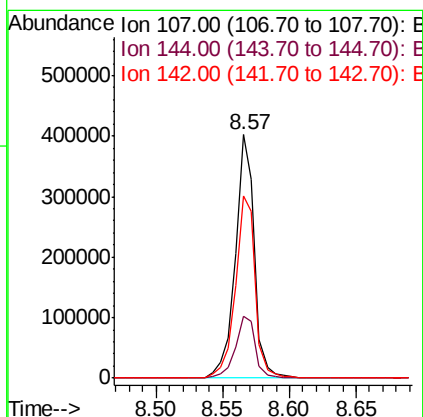
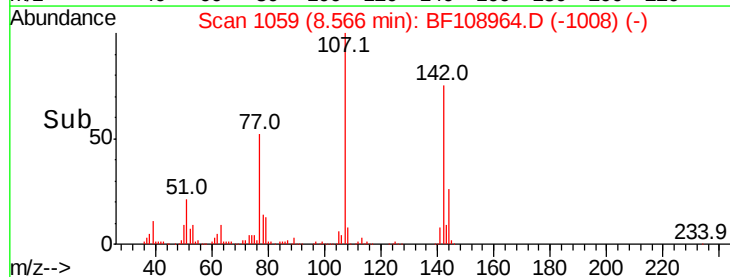
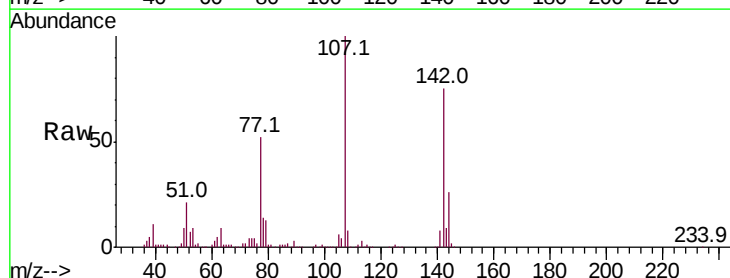
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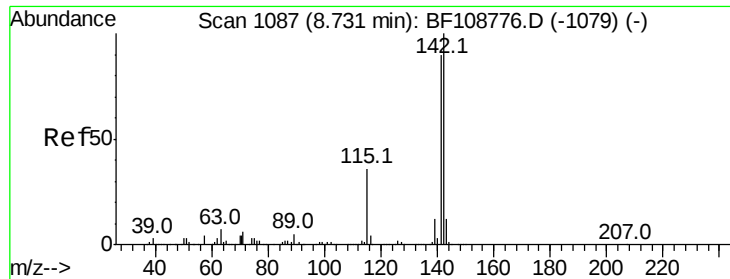
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#36
4-Chloro-3-methylphenol
Concen: 40.319 ng/ml
RT: 8.57 min Scan# 1059
Delta R.T. -0.00 min
Lab File: BF108964.D
Acq: 13 Sep 2018 15:12

Tgt Ion	Ratio	Lower	Upper
107	100		
144	25.7	20.5	30.7
142	75.0	62.0	93.0





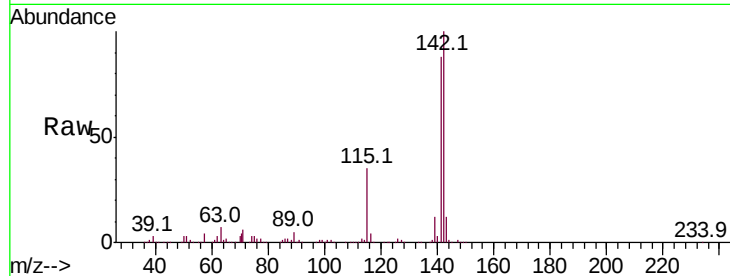
#37
2-Methylnaphthalene
Concen: 43.856 ng
RT: 8.72 min Scan# 1086
Delta R.T. -0.01 min
Lab File: BF108964.D
Acq: 13 Sep 2018 15:12

Instrument :
BNA_F
ClientSampleId :
PB112800BS

Tot Ion	Ratio	Lower	Upper
142	100		
141	88.3	70.8	106.2
115	35.5	26.1	39.1

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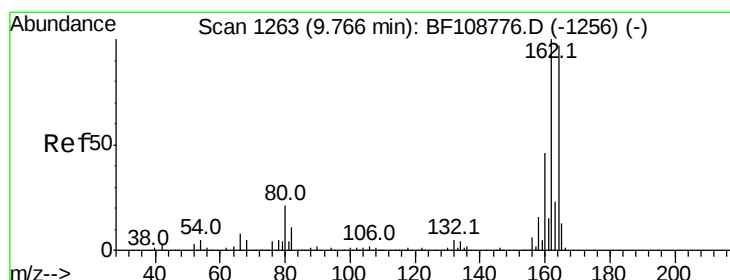
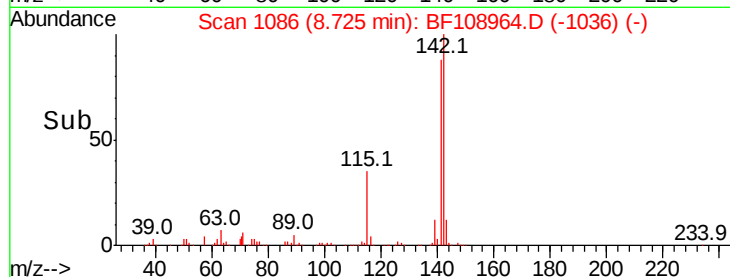
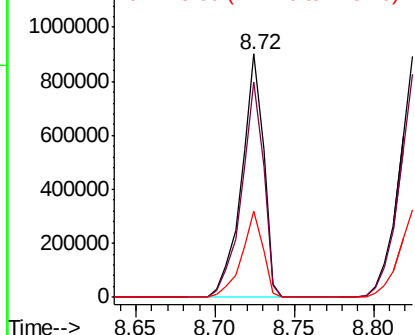


Abundance

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# 1263
Delta R.T. -0.00 min
Lab File: BF108964.D
Acq: 13 Sep 2018 15:12

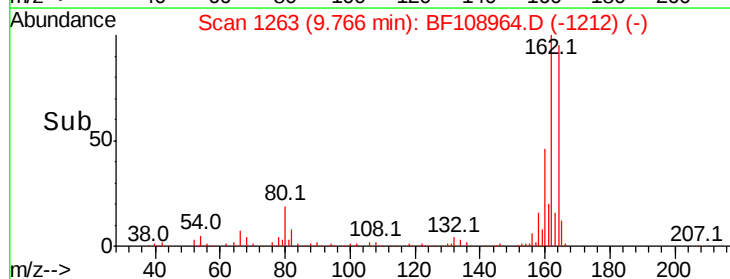
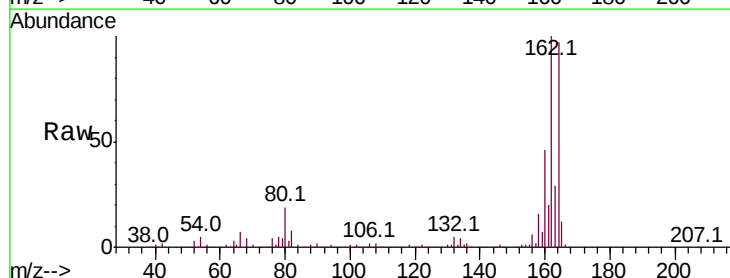
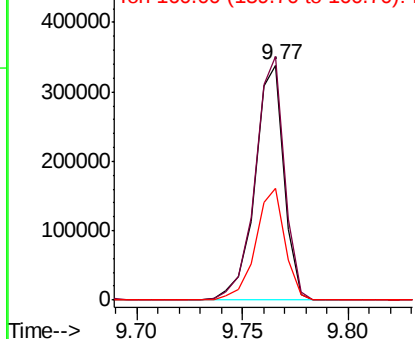
Tgt Ion	Ratio	Lower	Upper
164	100		
162	103.6	86.1	129.1
160	47.3	38.3	57.5

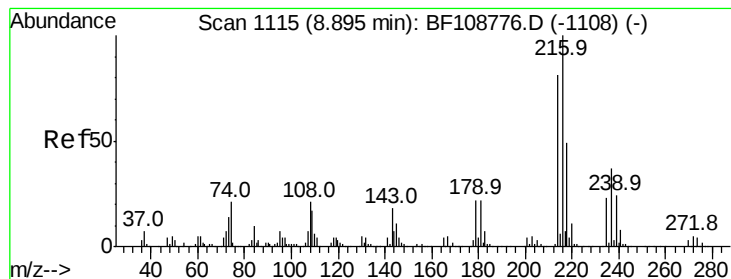
Abundance

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: 38.536 ng

RT: 8.90 min Scan# 1115

Delta R.T. -0.00 min

Lab File: BF108964.D

Acq: 13 Sep 2018 15:12

Instrument :

BNA_F

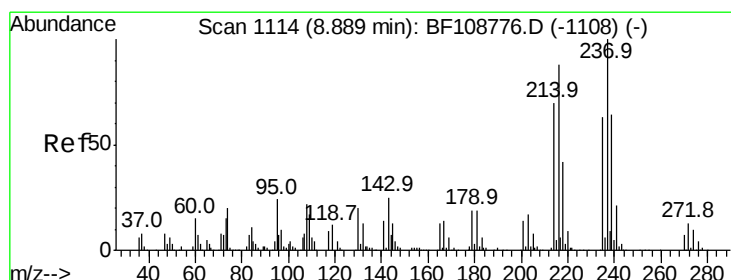
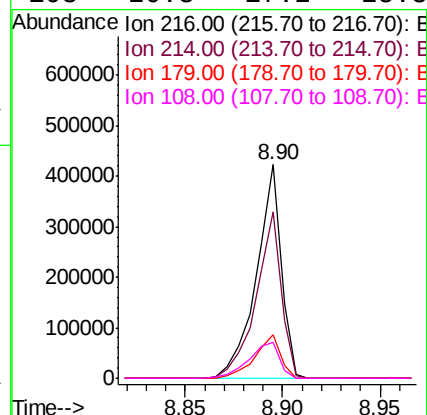
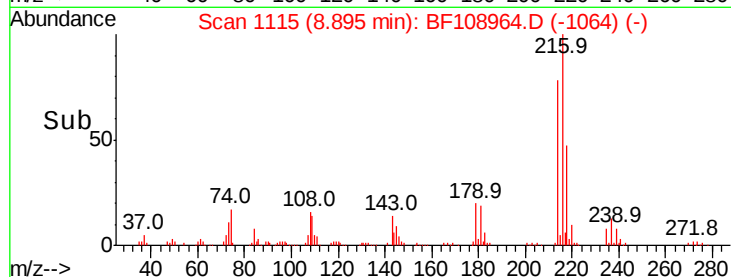
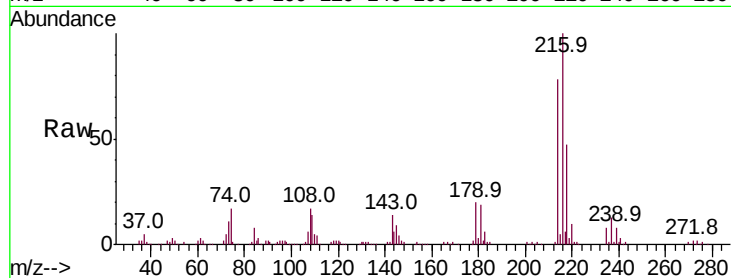
ClientSampleId :

PB112800BS

Tot Ion	Ratio	Resp	Lower	Upper
216	100	374715		
214	78.7	63.0	94.4	
179	21.0	18.1	27.1	
108	20.8	17.2	25.8	

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#40

Hexachlorocyclopentadiene

Concen: 85.754 ng

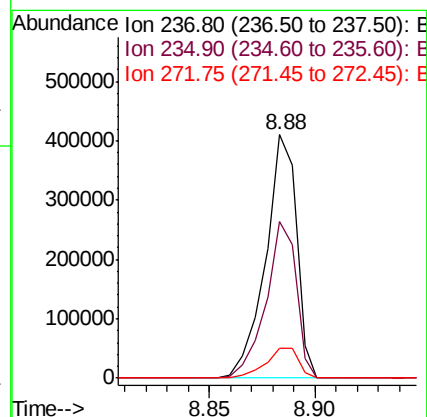
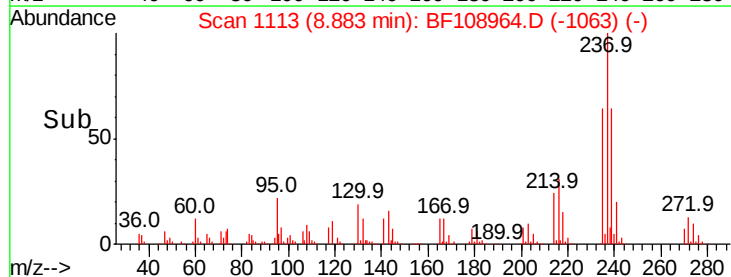
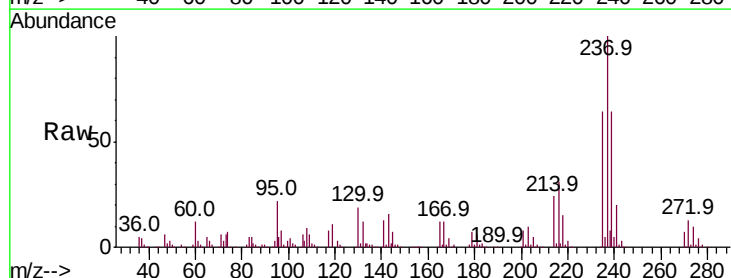
RT: 8.88 min Scan# 1113

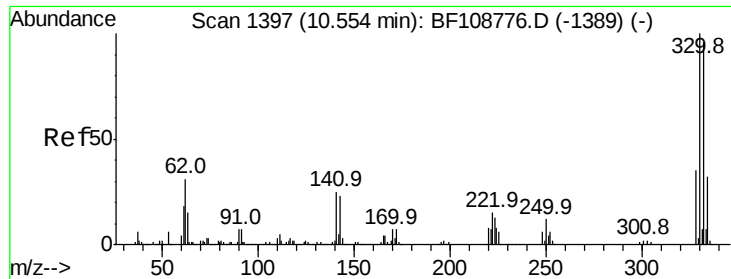
Delta R.T. -0.01 min

Lab File: BF108964.D

Acq: 13 Sep 2018 15:12

Tgt Ion	Ratio	Resp	Lower	Upper
237	100	419494		
235	64.2	44.8	84.8	
272	12.5	0.0	33.3	





#41

2,4,6-Tribromophenol

Concen: 116.994 ng

RT: 10.55 min Scan# 1397

Delta R.T. -0.00 min

Lab File: BF108964.D

Acq: 13 Sep 2018 15:12

Instrument :

BNA_F

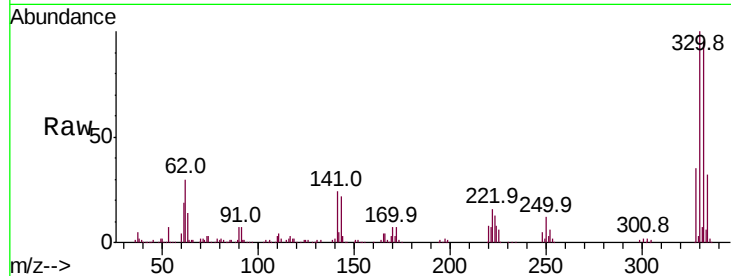
ClientSampleId :

PB112800BS

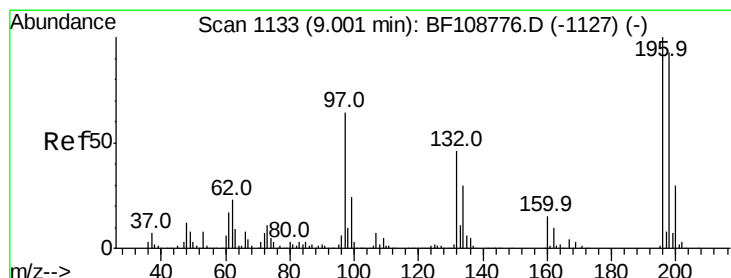
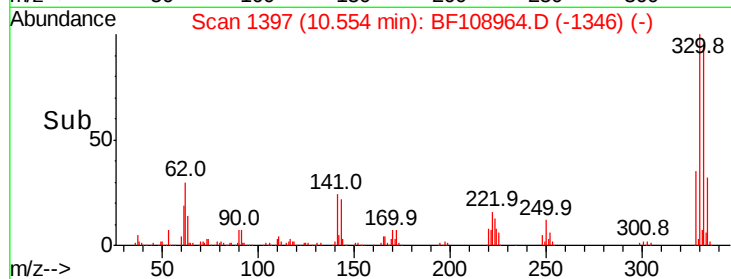
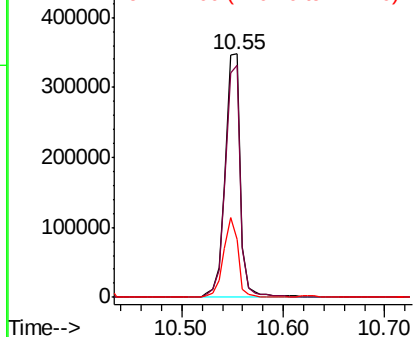
Tot Ion:	330	Resp:	363309
Ion Ratio	Lower	Upper	
330	100		
332	94.9	77.0	115.6
141	31.2	29.9	44.9

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: 42.041 ng

RT: 9.00 min Scan# 1133

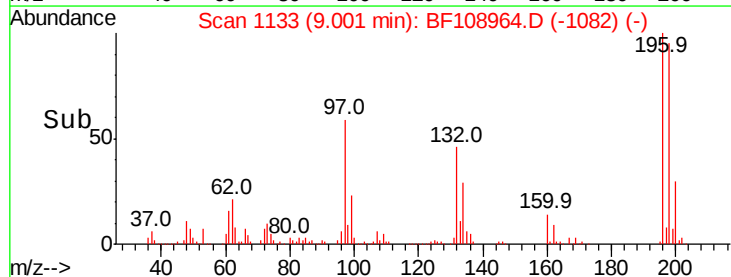
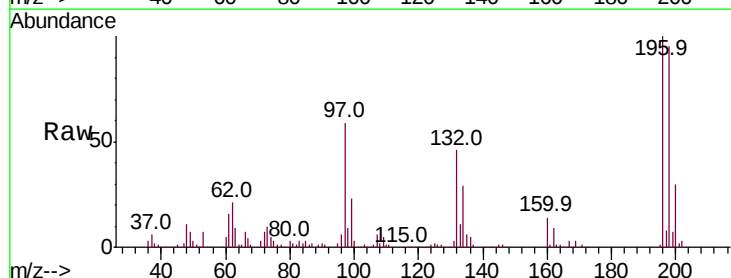
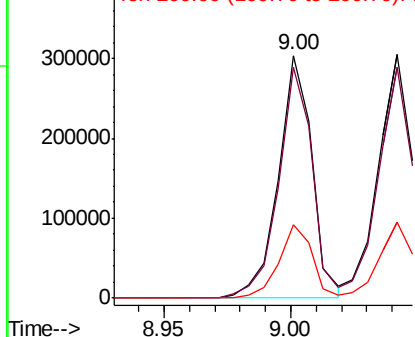
Delta R.T. -0.00 min

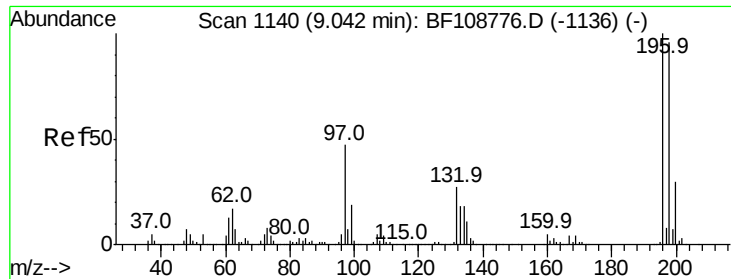
Lab File: BF108964.D

Acq: 13 Sep 2018 15:12

Tgt Ion:	196	Resp:	278443
Ion Ratio	Lower	Upper	
196	100		
198	95.1	75.7	113.5
200	30.2	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





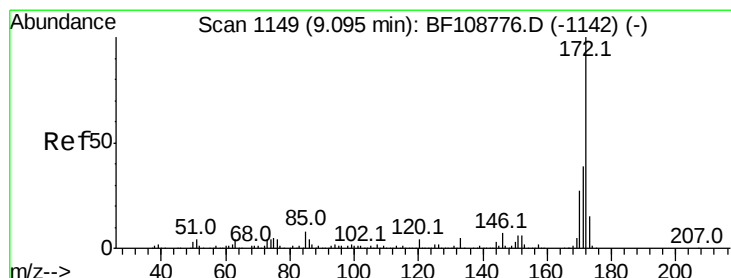
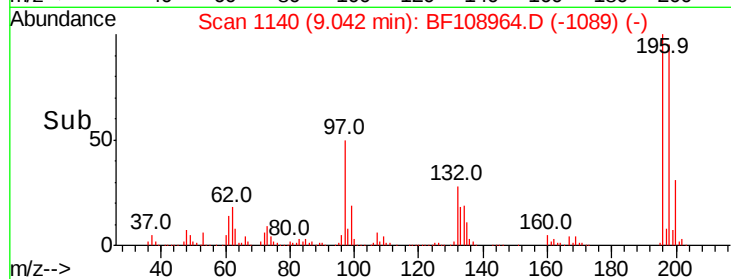
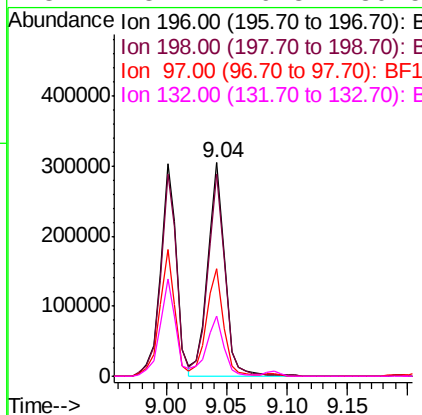
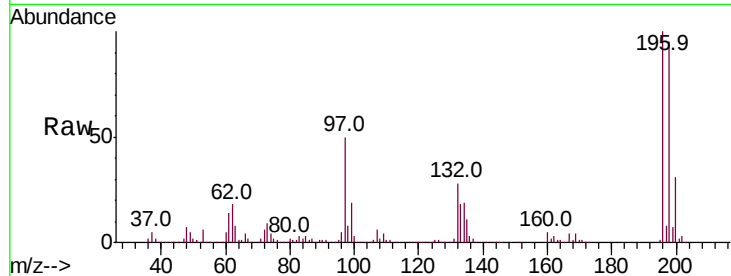
#43
 2,4,5-Trichlorophenol
 Concen: 43.381 ng
 RT: 9.04 min Scan# 1140
 Delta R.T. -0.00 min
 Lab File: BF108964.D
 Acq: 13 Sep 2018 15:12

Instrument :
 BNA_F
 ClientSampleId :
 PB112800BS

Tot Ion	Ratio	Resp	Lower	Upper
196	100	297829		
198	94.9	74.6	112.0	
97	50.1	42.9	64.3	
132	28.1	26.3	39.5	

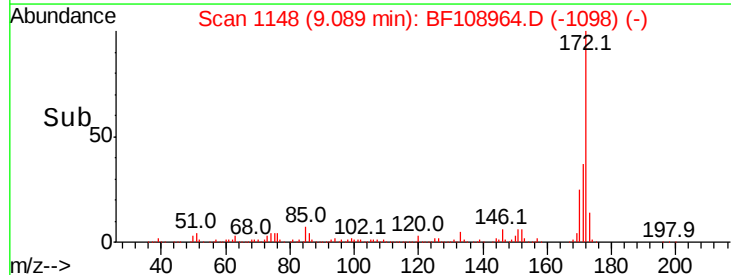
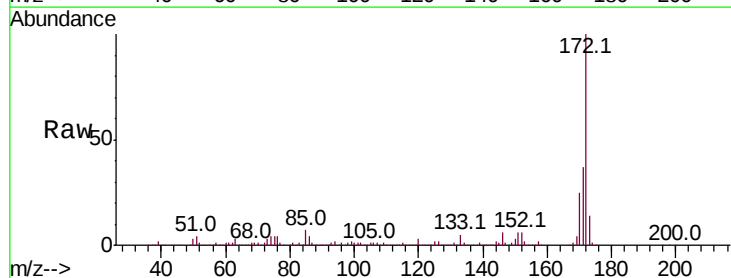
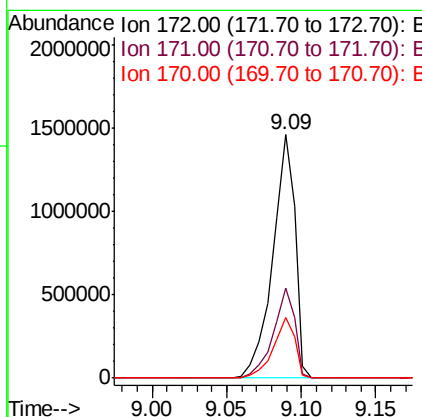
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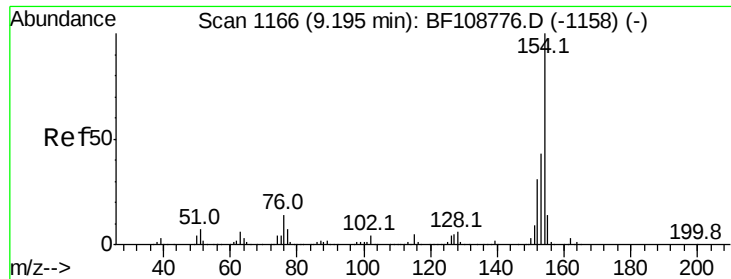
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#44
 2-Fluorobiphenyl
 Concen: 79.505 ng
 RT: 9.09 min Scan# 1148
 Delta R.T. -0.01 min
 Lab File: BF108964.D
 Acq: 13 Sep 2018 15:12

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	1515956		
171	36.7	29.7	44.5	
170	25.0	19.6	29.4	





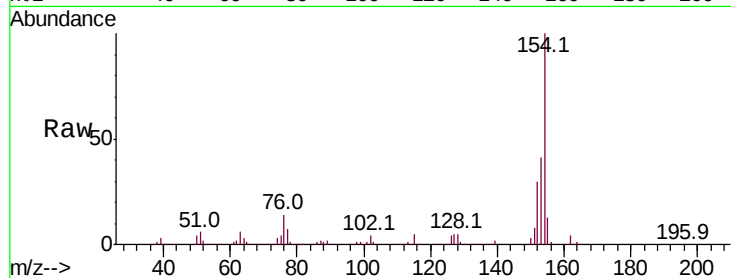
#45
 1,1'-Biphenyl
 Concen: 40.482 ng
 RT: 9.19 min Scan# 1165
 Delta R.T. -0.01 min
 Lab File: BF108964.D
 Acq: 13 Sep 2018 15:12

Instrument :
 BNA_F
 ClientSampleId :
 PB112800BS

Tot Ion	Ratio	Lower	Upper
154	100		
153	41.0	21.3	61.3
76	13.5	0.0	34.0

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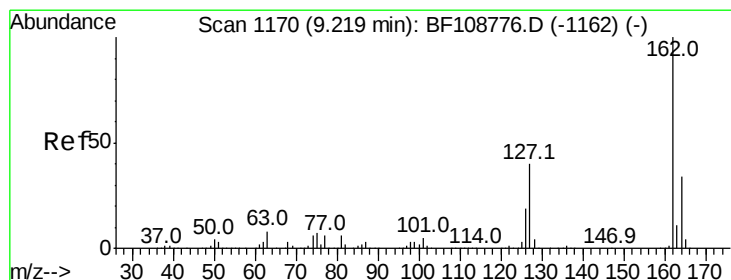
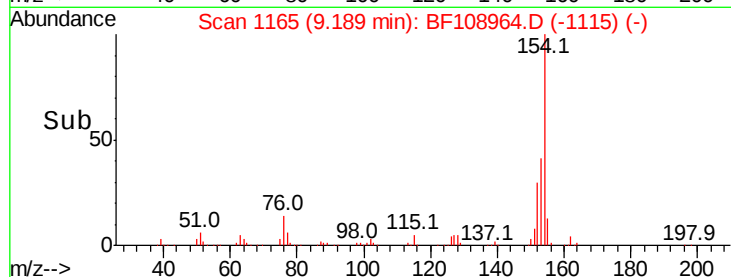
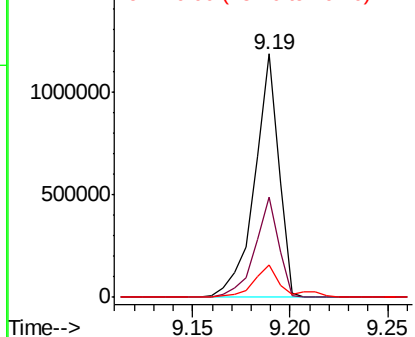


Abundance

Ion 154.00 (153.70 to 154.70): E

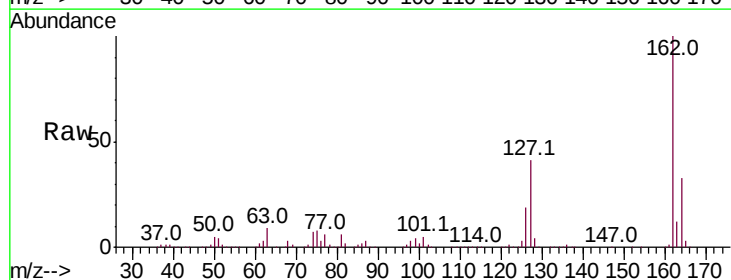
Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF1



#46
 2-Chloronaphthalene
 Concen: 39.095 ng
 RT: 9.21 min Scan# 1169
 Delta R.T. -0.01 min
 Lab File: BF108964.D
 Acq: 13 Sep 2018 15:12

Tgt Ion	Ratio	Lower	Upper
162	100		
127	40.8	33.9	50.9
164	33.2	26.5	39.7

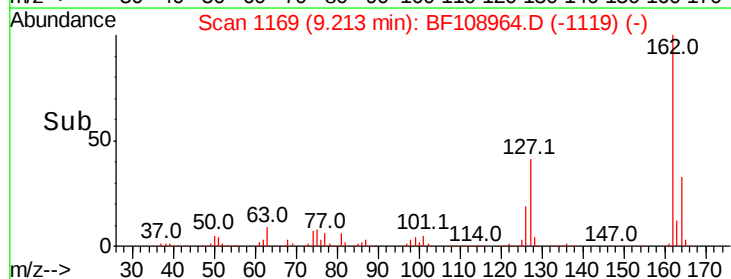
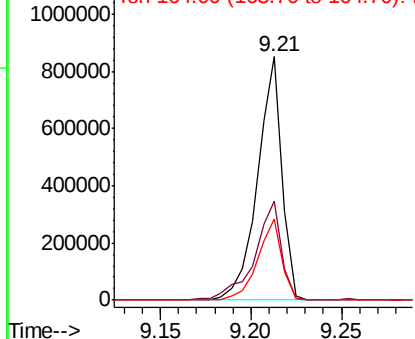


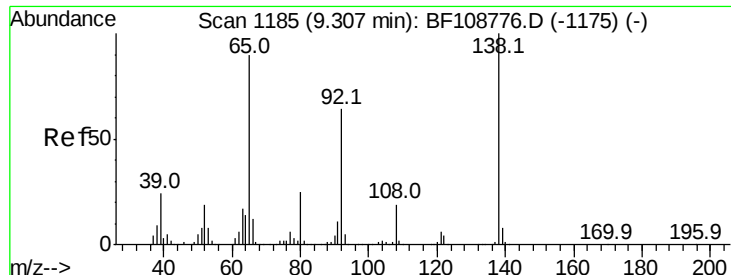
Abundance

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





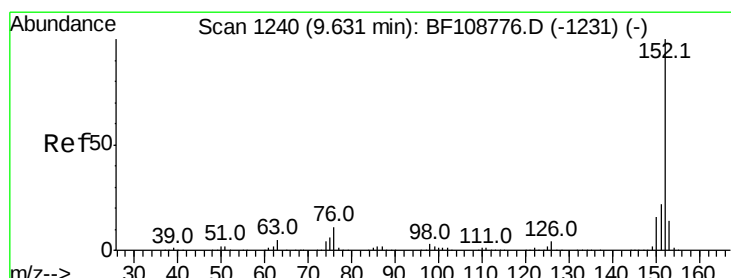
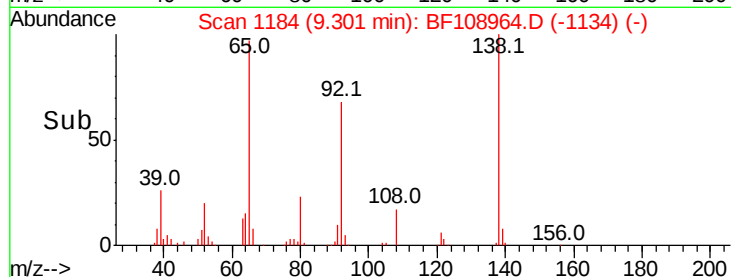
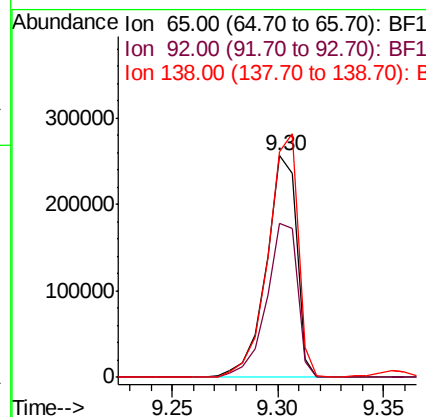
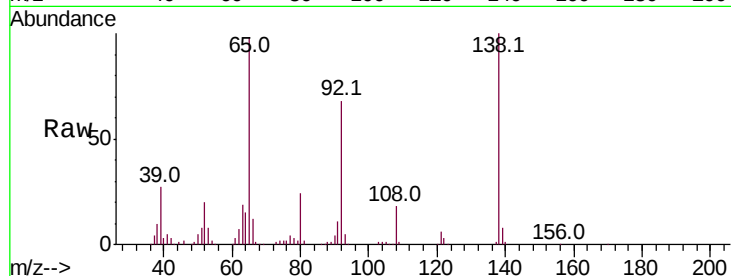
#47
2-Nitroaniline
Concen: 46.654 ng
RT: 9.30 min Scan# 1184
Delta R.T. -0.01 min
Lab File: BF108964.D
Acq: 13 Sep 2018 15:12

Instrument :
BNA_F
ClientSampleId :
PB112800BS

Tot Ion	Ratio	Lower	Upper
65	100		
92	69.7	55.8	83.6
138	101.9	91.2	136.8

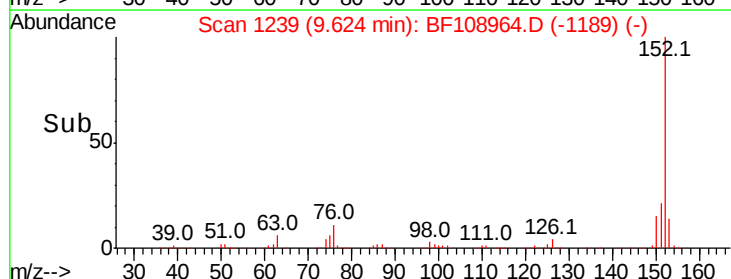
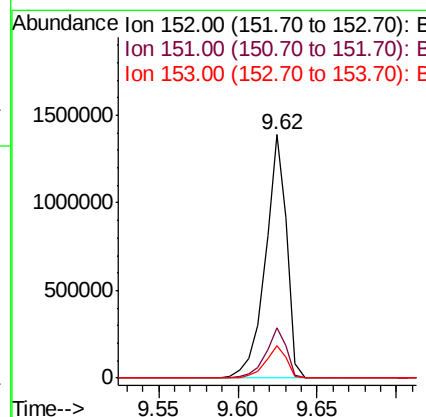
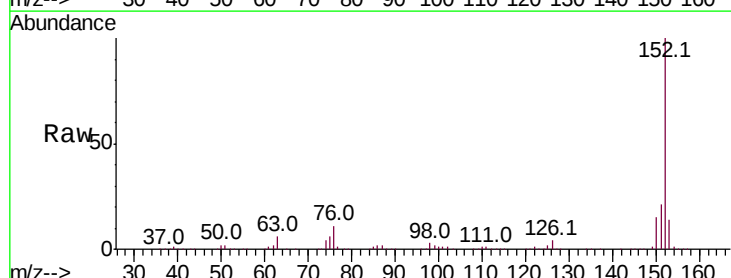
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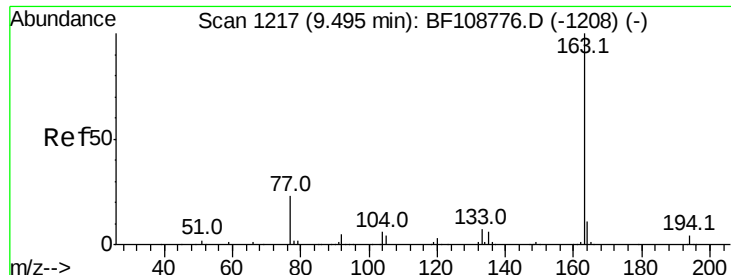
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#48
Acenaphthylene
Concen: 43.038 ng
RT: 9.62 min Scan# 1239
Delta R.T. -0.01 min
Lab File: BF108964.D
Acq: 13 Sep 2018 15:12

Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.8	16.3	24.5
153	13.5	10.7	16.1





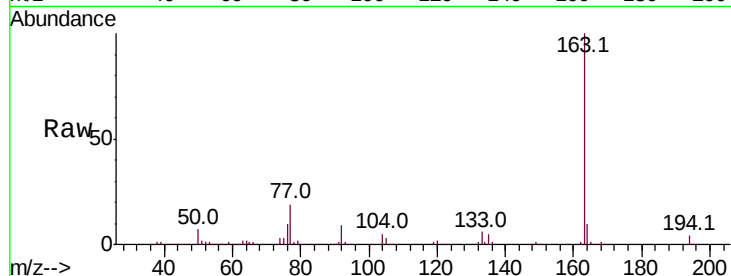
#49
Dimethylphthalate
Concen: 40.817 ng
RT: 9.50 min Scan# 1217
Delta R.T. -0.00 min
Lab File: BF108964.D
Acq: 13 Sep 2018 15:12

Instrument :
BNA_F
ClientSampled :
PB112800BS

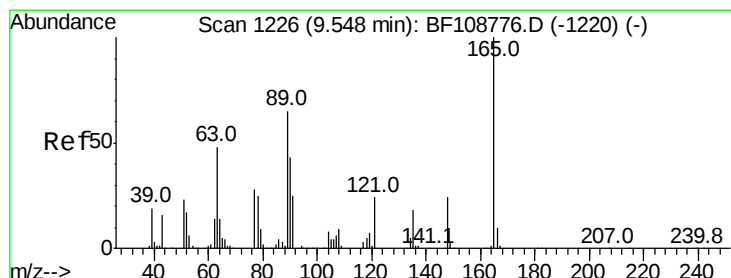
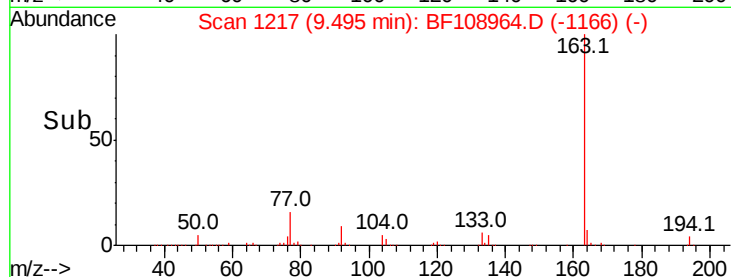
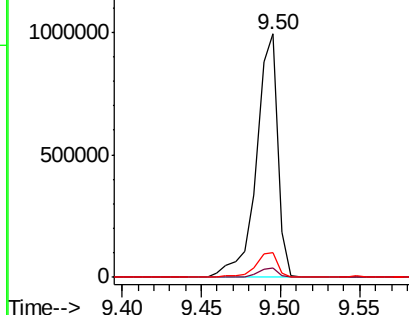
Tot Ion	Ratio	Resp Lower	Upper
163	100		
194	4.1	2.7	4.1#
164	9.9	8.2	12.2

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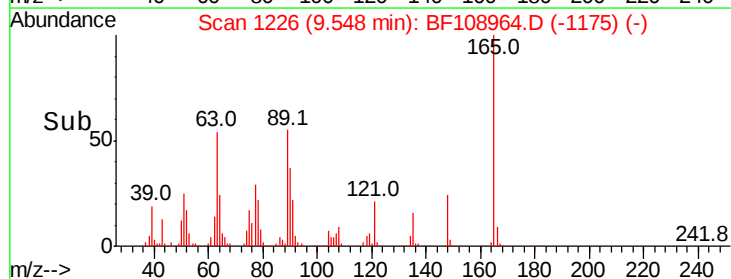
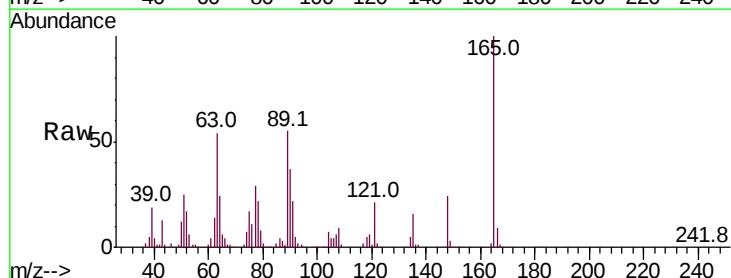
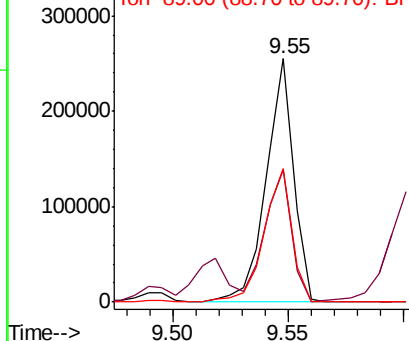
Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

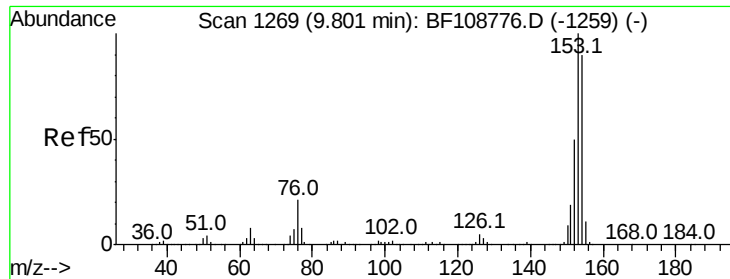


#50
2,6-Dinitrotoluene
Concen: 48.851 ng
RT: 9.55 min Scan# 1226
Delta R.T. -0.00 min
Lab File: BF108964.D
Acq: 13 Sep 2018 15:12

Tgt Ion	Ratio	Resp Lower	Upper
165	100		
63	54.2	44.7	67.1
89	54.8	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: 45.192 ng

RT: 9.80 min Scan# 1268

Delta R.T. -0.01 min

Lab File: BF108964.D

Acq: 13 Sep 2018 15:12

Instrument :

BNA_F

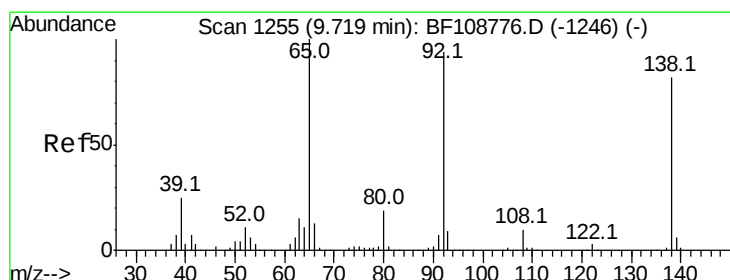
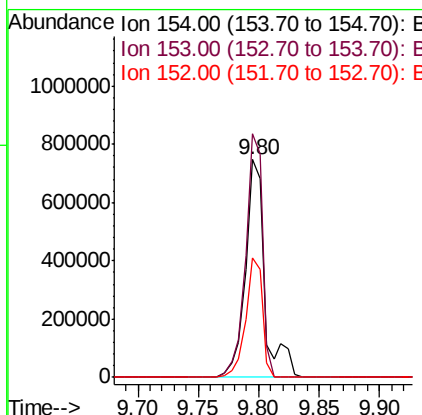
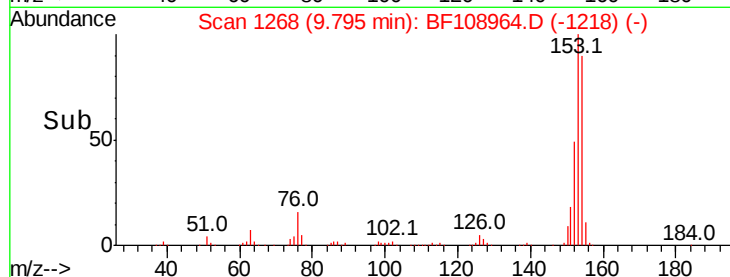
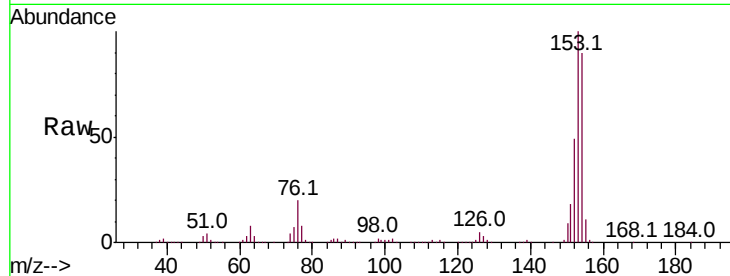
ClientSampleId :

PB112800BS

Tot Ion:	154	Resp:	844257
Ion Ratio	Lower	Upper	
154	100		
153	111.7	91.2	136.8
152	54.7	43.8	65.8

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#52

3-Nitroaniline

Concen: 35.154 ng

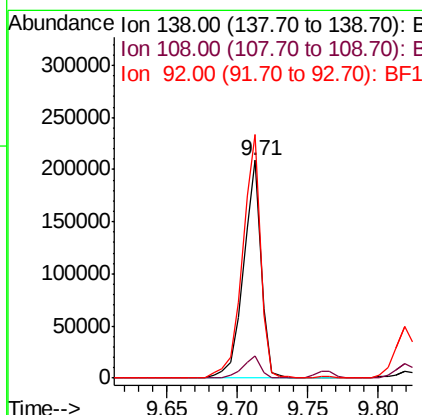
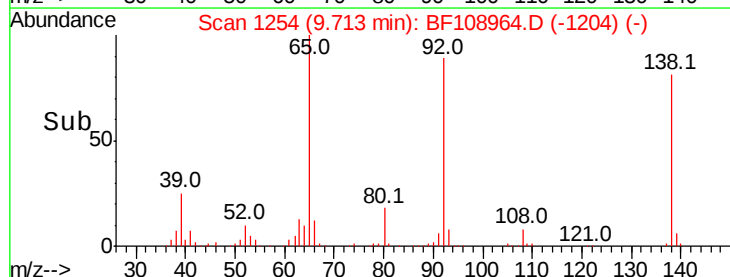
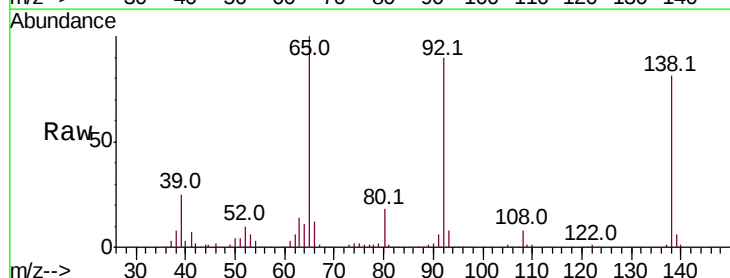
RT: 9.71 min Scan# 1254

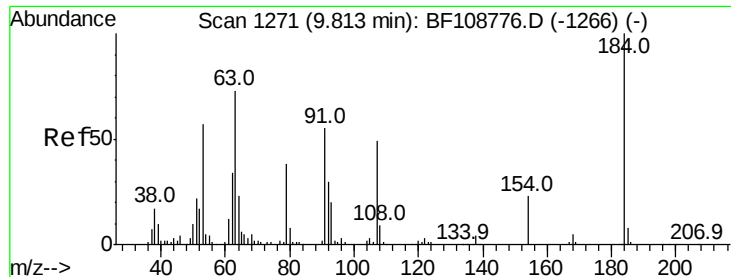
Delta R.T. -0.01 min

Lab File: BF108964.D

Acq: 13 Sep 2018 15:12

Tgt Ion:	138	Resp:	181416
Ion Ratio	Lower	Upper	
138	100		
108	10.2	9.4	14.0
92	111.8	89.4	134.2





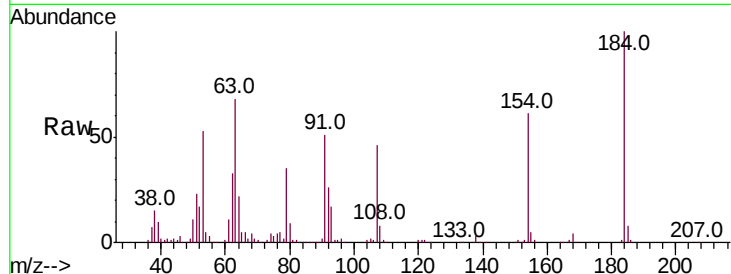
#53
 2,4-Dinitrophenol
 Concen: 113.221 ng
 RT: 9.82 min Scan# 1272
 Delta R.T. 0.01 min
 Lab File: BF108964.D
 Acq: 13 Sep 2018 15:12

Instrument :
 BNA_F
 ClientSampled :
 PB112800BS

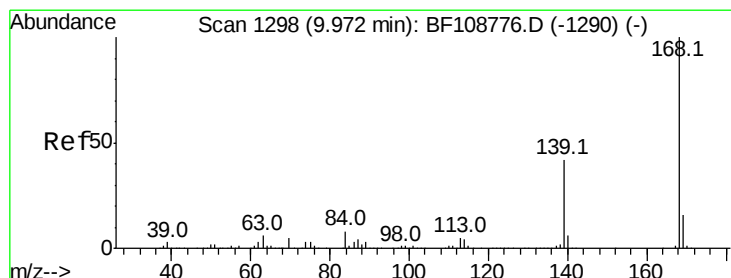
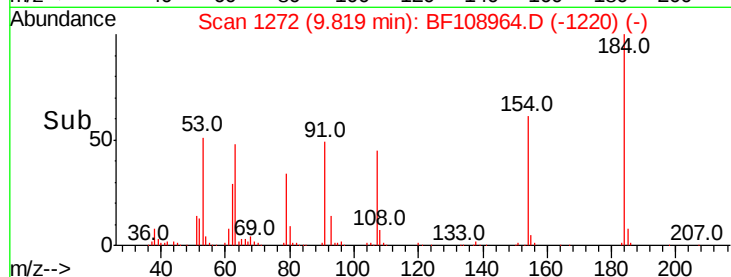
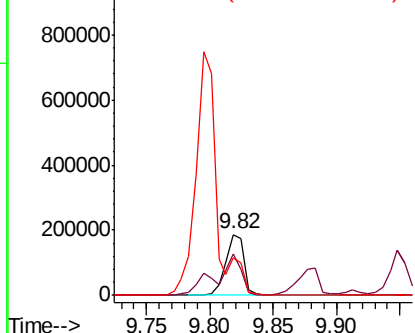
Tot Ion	Ratio	Lower	Upper
184	100		
63	67.9	54.2	81.2
154	60.8	184.0	276.0#

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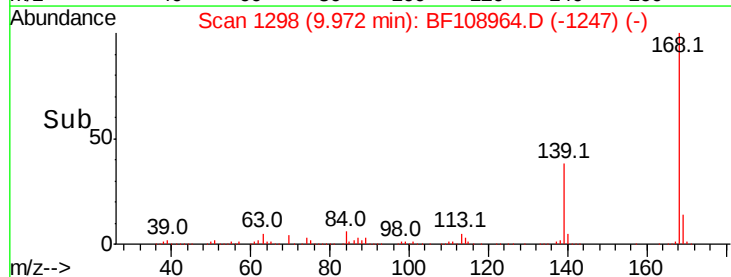
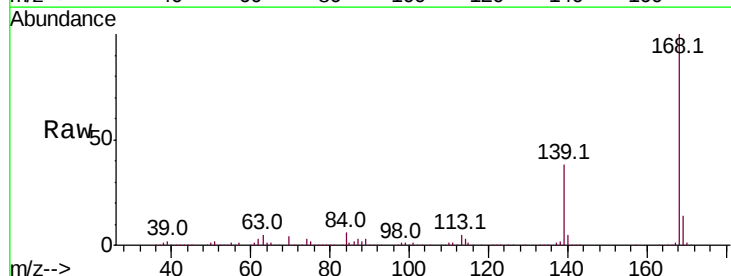
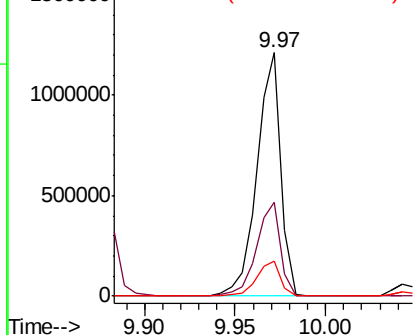
Abundance Ion 184.00 (183.70 to 184.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 154.00 (153.70 to 154.70): E



#54
 Dibenzofuran
 Concen: 40.392 ng
 RT: 9.97 min Scan# 1298
 Delta R.T. -0.00 min
 Lab File: BF108964.D
 Acq: 13 Sep 2018 15:12

Tgt Ion	Ratio	Lower	Upper
168	100		
139	38.4	30.1	45.1
169	14.3	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: 92.912 ng

RT: 9.88 min Scan# 1283

Delta R.T. 0.02 min

Lab File: BF108964.D

Acq: 13 Sep 2018 15:12

Instrument :

BNA_F

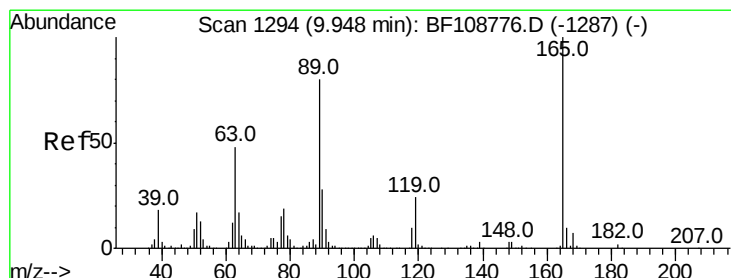
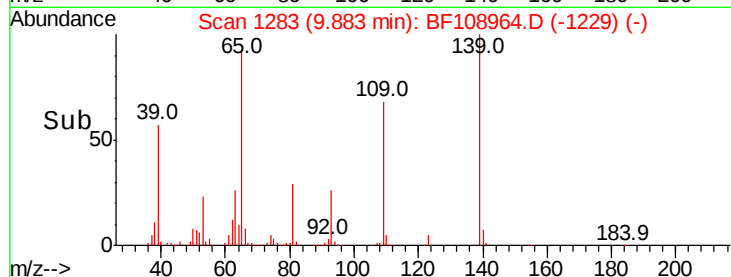
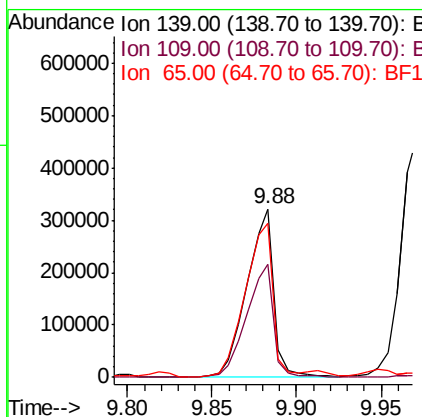
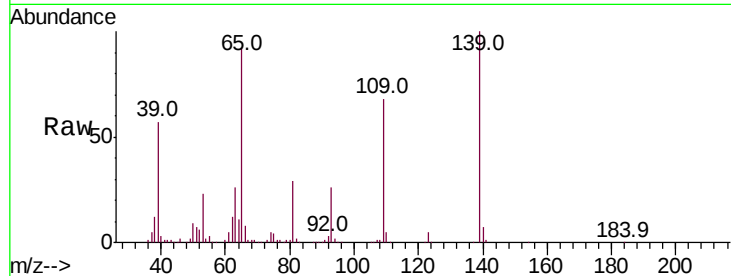
ClientSampleId :

PB112800BS

Tot Ion:	139	Resp:	358455
Ion Ratio	Lower	Upper	
139	100		
109	67.6	48.4	88.4
65	91.8	72.6	112.6

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#56

2,4-Dinitrotoluene

Concen: 51.013 ng

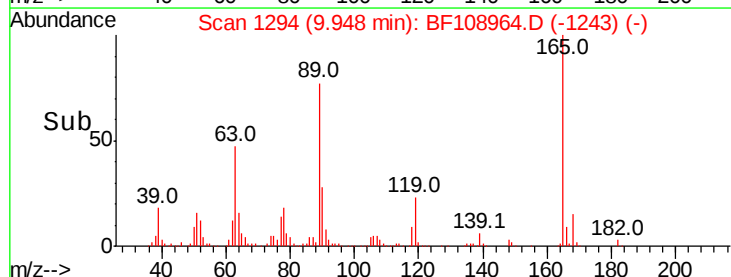
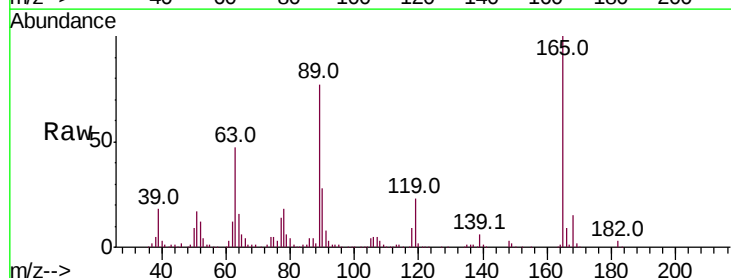
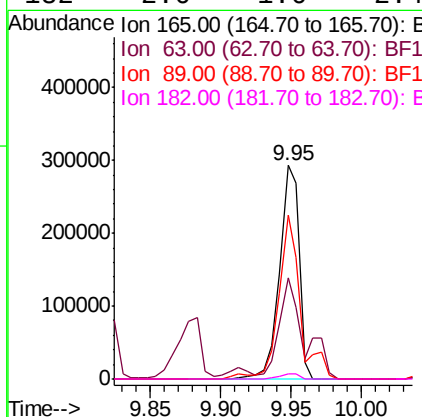
RT: 9.95 min Scan# 1294

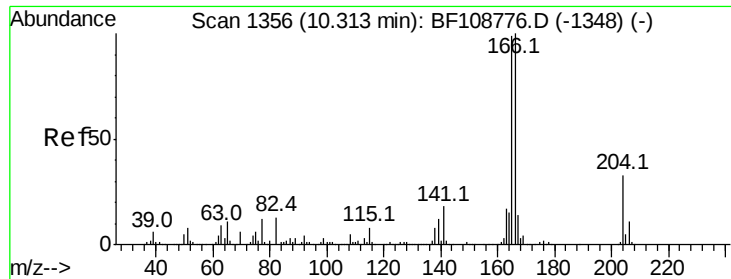
Delta R.T. -0.00 min

Lab File: BF108964.D

Acq: 13 Sep 2018 15:12

Tgt Ion:	165	Resp:	282829
Ion Ratio	Lower	Upper	
165	100		
63	47.1	36.4	54.6
89	76.9	57.8	86.6
182	2.6	1.6	2.4#





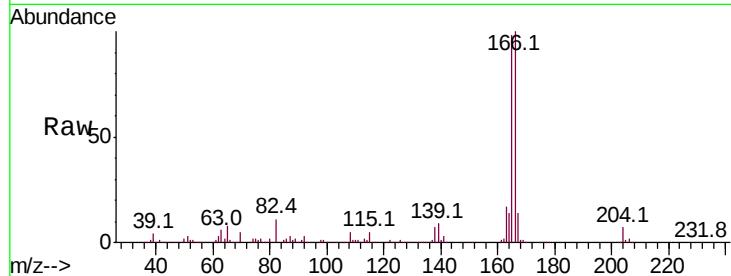
#57
 Fluorene
 Concen: 46.394 ng
 RT: 10.31 min Scan# 1356
 Delta R.T. -0.00 min
 Lab File: BF108964.D
 Acq: 13 Sep 2018 15:12

Instrument :
 BNA_F
 ClientSampleId :
 PB112800BS

Tot Ion	Ratio	Lower	Upper
166	100		
165	98.2	79.8	119.8
167	13.5	10.6	16.0

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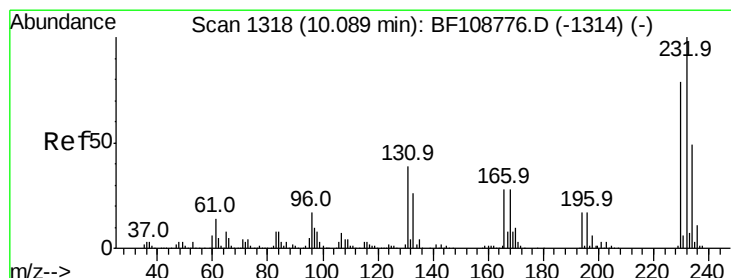
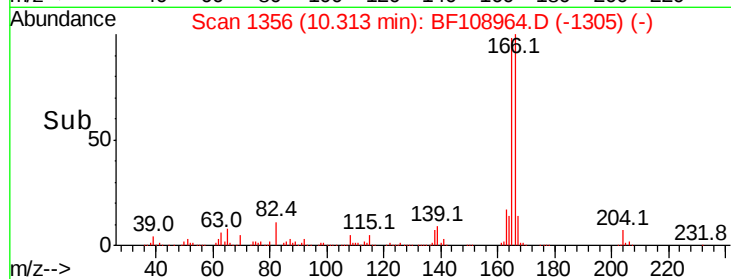
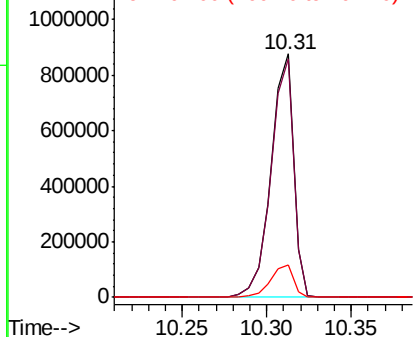


Abundance

Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 45.764 ng
 RT: 10.09 min Scan# 1318
 Delta R.T. -0.00 min
 Lab File: BF108964.D
 Acq: 13 Sep 2018 15:12

Tgt Ion	Ratio	Lower	Upper
232	100		
131	44.5	43.8	65.8
130	2.2	2.1	3.1
166	28.8	27.8	41.6

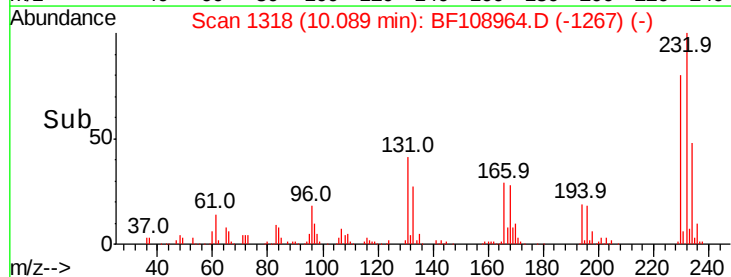
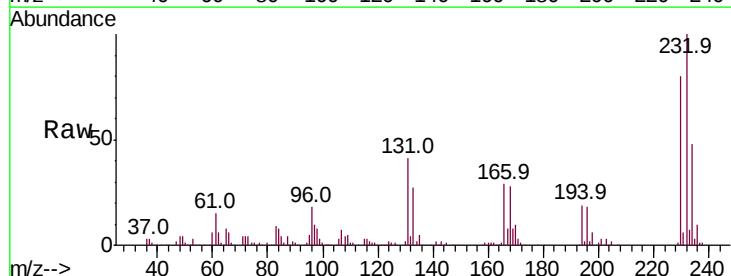
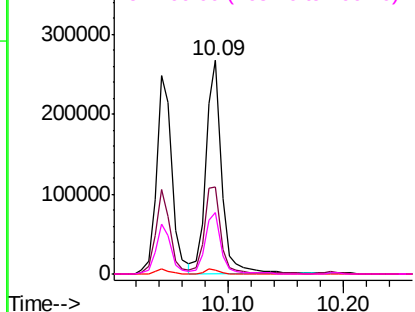
Abundance

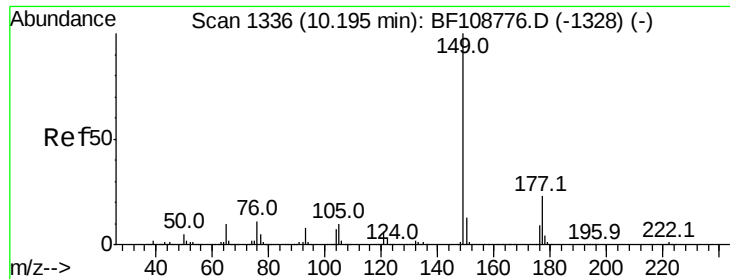
Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E





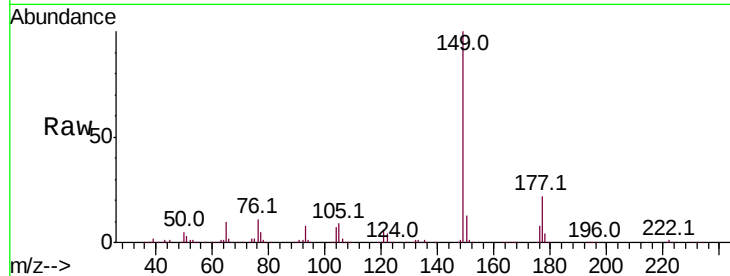
#59
Diethylphthalate
Concen: 39.321 ng
RT: 10.19 min Scan# 1335
Delta R.T. -0.01 min
Lab File: BF108964.D
Acq: 13 Sep 2018 15:12

Instrument :
BNA_F
ClientSampleId :
PB112800BS

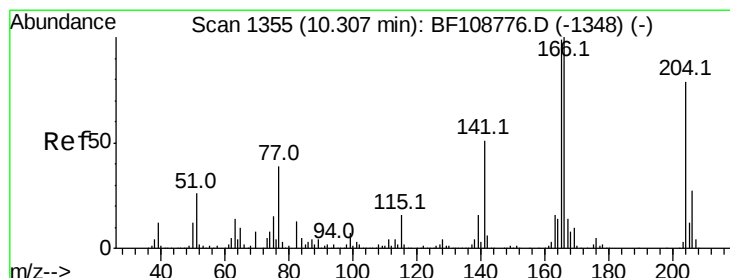
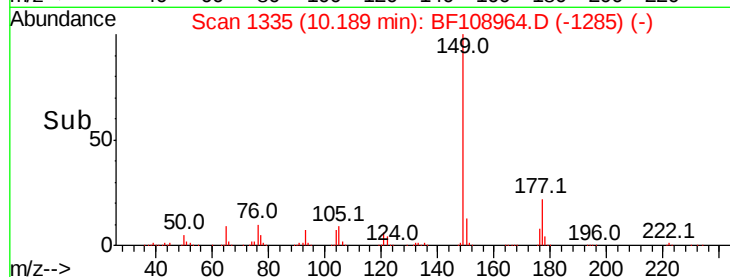
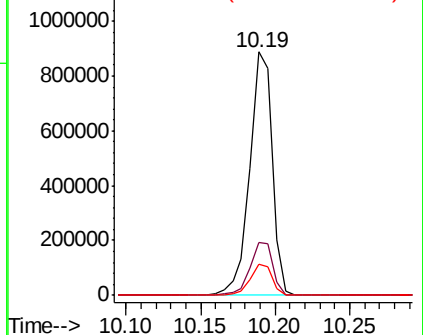
Tot Ion	Ratio	Resp	Lower	Upper
149	100	923211		
177	21.6	16.1	24.1	
150	12.8	10.1	15.1	

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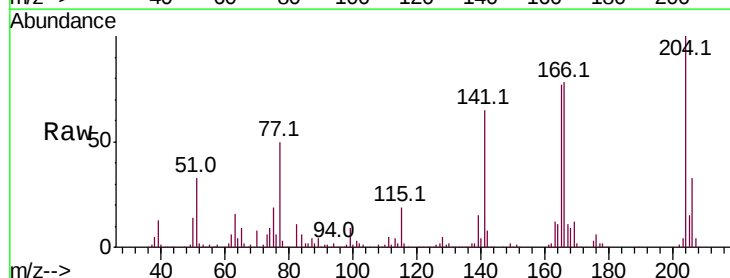


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

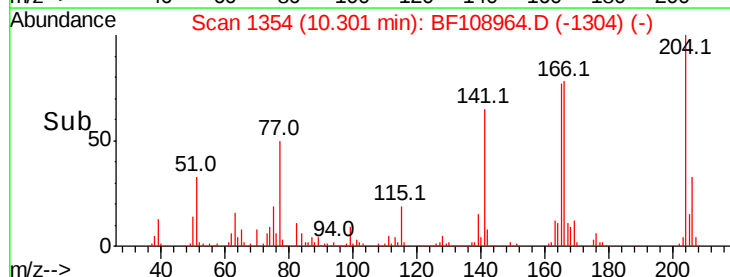
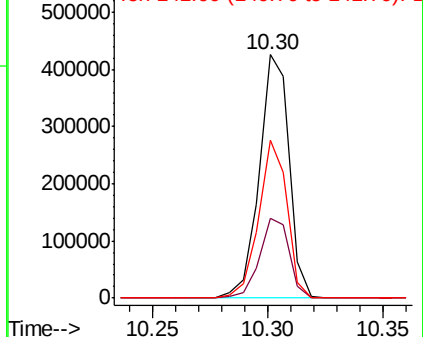


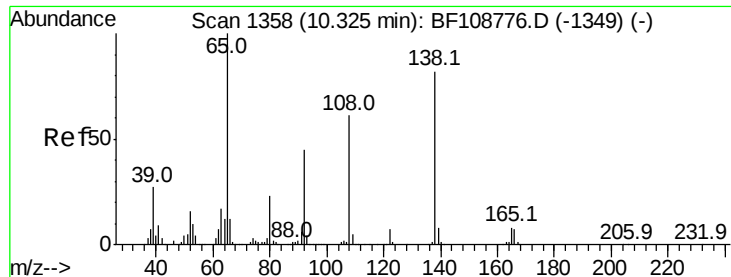
#60
4-Chlorophenyl-phenylether
Concen: 41.049 ng
RT: 10.30 min Scan# 1354
Delta R.T. -0.01 min
Lab File: BF108964.D
Acq: 13 Sep 2018 15:12

Tgt Ion	Ratio	Resp	Lower	Upper
204	100	383118		
206	32.8	26.5	39.7	
141	64.8	54.6	81.8	



Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E





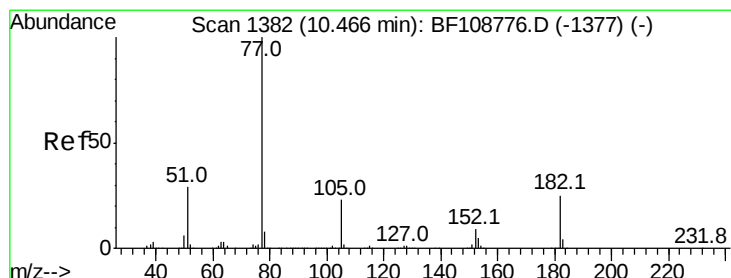
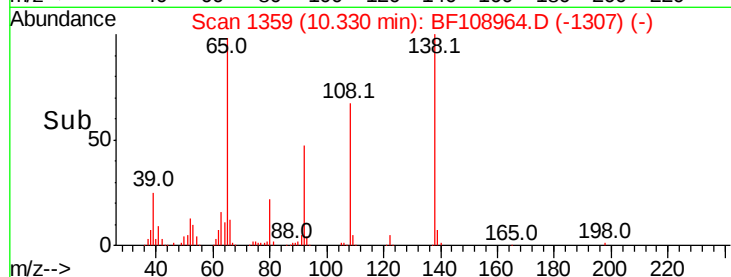
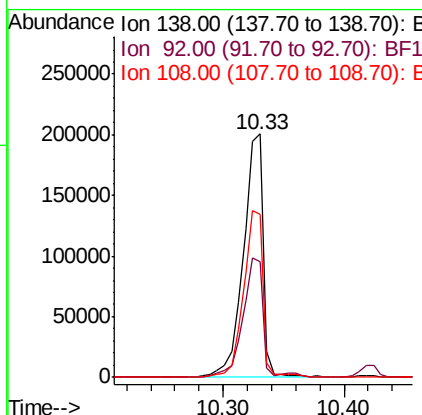
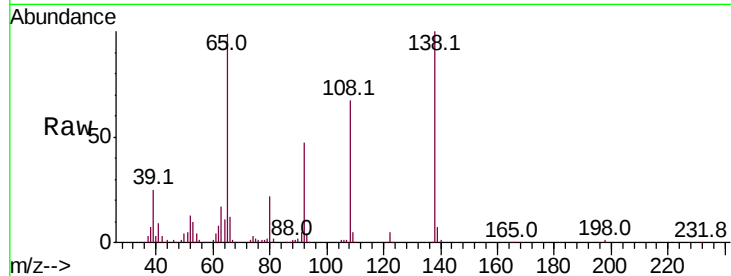
#61
4-Nitroaniline
Concen: 49.368 ng
RT: 10.33 min Scan# 1359
Delta R.T. 0.01 min
Lab File: BF108964.D
Acq: 13 Sep 2018 15:12

Instrument :
BNA_F
ClientSampled :
PB112800BS

Tot Ion	Ratio	Lower	Upper
138	100		
92	47.3	30.2	70.2
108	66.8	52.5	92.5

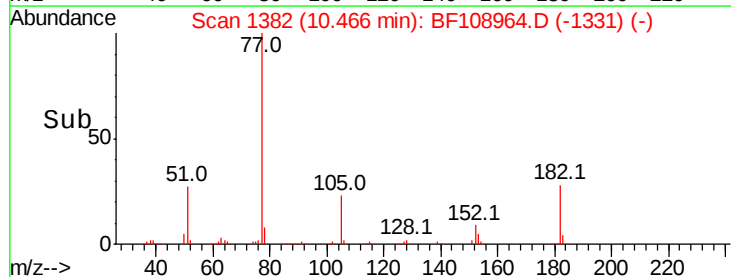
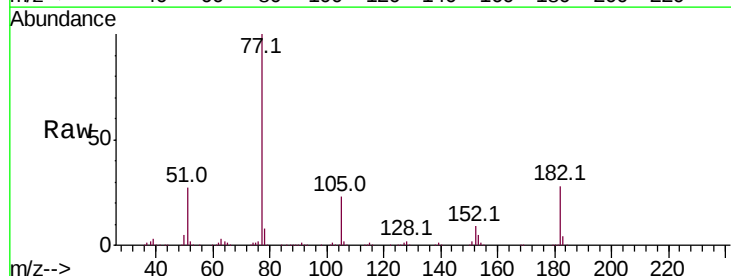
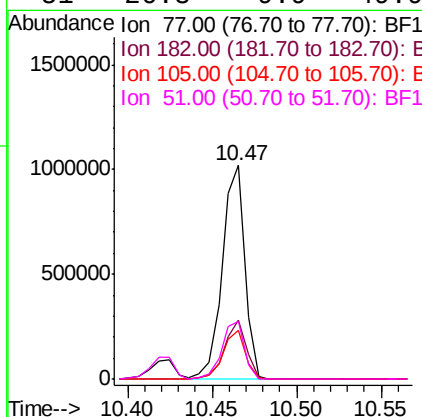
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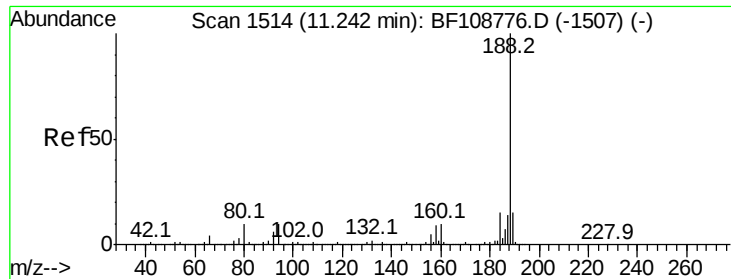
Sohil
9/14/2018 8:37:57 AM



#62
Azobenzene
Concen: 38.870 ng
RT: 10.47 min Scan# 1382
Delta R.T. -0.00 min
Lab File: BF108964.D
Acq: 13 Sep 2018 15:12

Tgt Ion	Ratio	Lower	Upper
77	100		
182	27.7	1.7	41.7
105	23.0	3.0	43.0
51	26.8	9.9	49.9





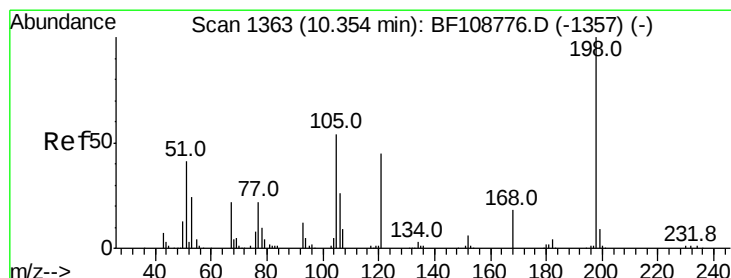
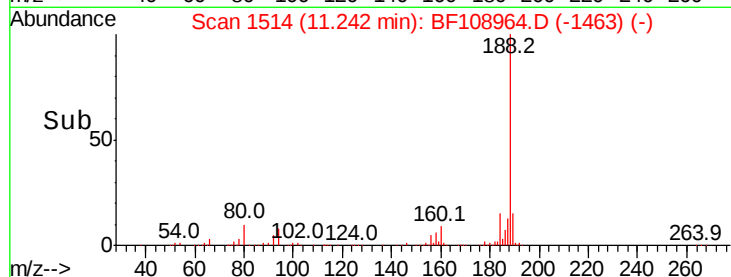
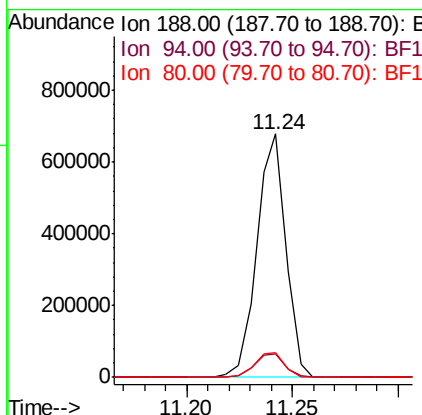
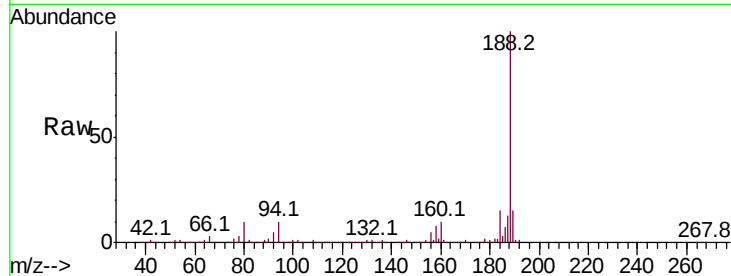
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.24 min Scan# 1514
Delta R.T. -0.00 min
Lab File: BF108964.D
Acq: 13 Sep 2018 15:12

Instrument :
BNA_F
ClientSampleId :
PB112800BS

Tot Ion	Ratio	Resp	Lower	Upper
188	100	646387		
94	9.7		8.5	12.7
80	10.2		9.2	13.8

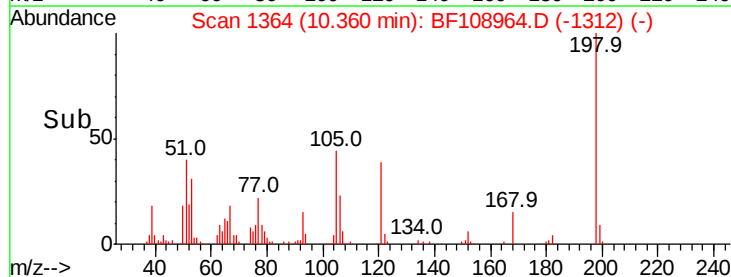
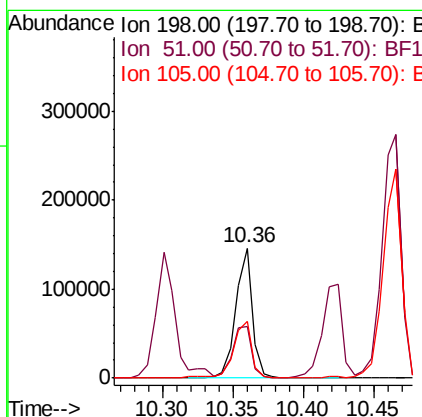
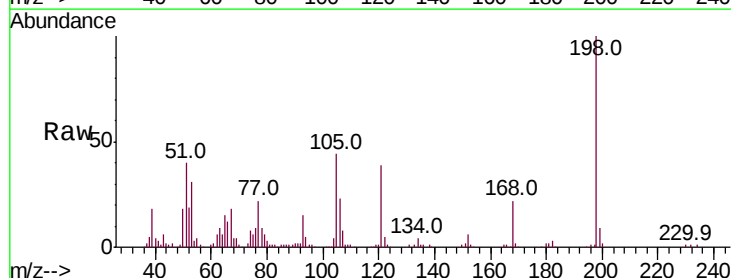
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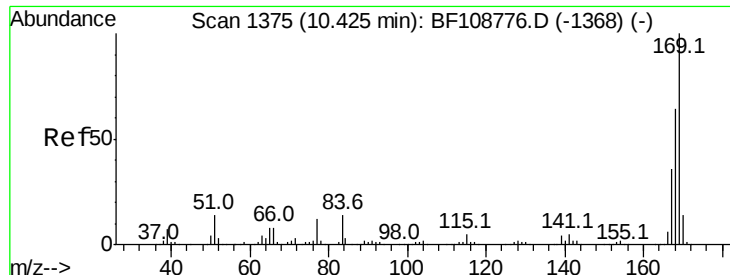
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#64
4,6-Dinitro-2-methylphenol
Concen: 47.373 ng
RT: 10.36 min Scan# 1364
Delta R.T. 0.01 min
Lab File: BF108964.D
Acq: 13 Sep 2018 15:12

Tgt Ion	Ratio	Resp	Lower	Upper
198	100	120151		
51	39.9		37.7	77.7
105	43.7		36.3	76.3





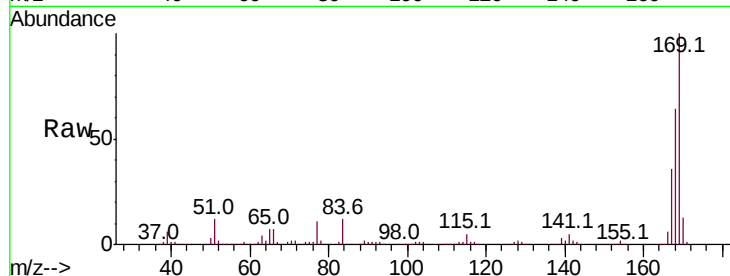
#65
n-Nitrosodiphenylamine
Concen: 37.110 ng
RT: 10.42 min Scan# 1375
Delta R.T. -0.00 min
Lab File: BF108964.D
Acq: 13 Sep 2018 15:12

Instrument :
BNA_F
ClientSampleId :
PB112800BS

Tot Ion	Ratio	Resp	Lower	Upper
169	100			
168	64.4	54.4	81.6	
167	36.1	29.8	44.6	

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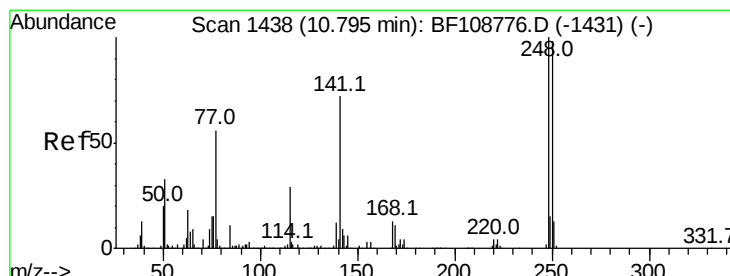
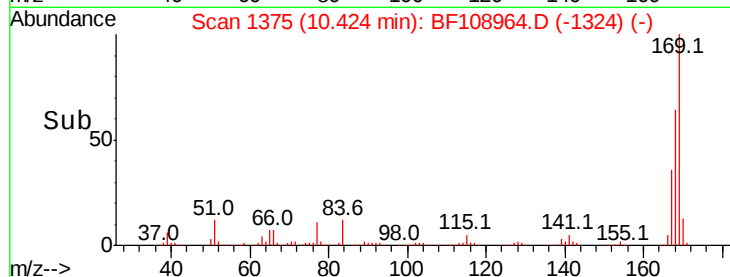
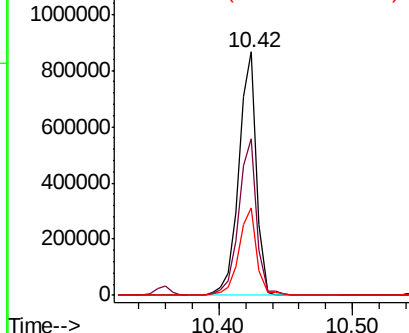


Abundance

Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E



#66
4-Bromophenyl-phenylether
Concen: 37.420 ng
RT: 10.79 min Scan# 1437
Delta R.T. -0.01 min
Lab File: BF108964.D
Acq: 13 Sep 2018 15:12

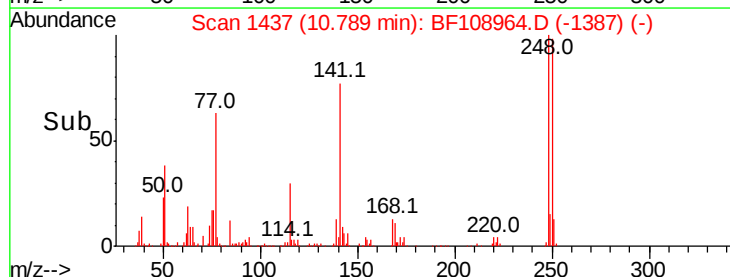
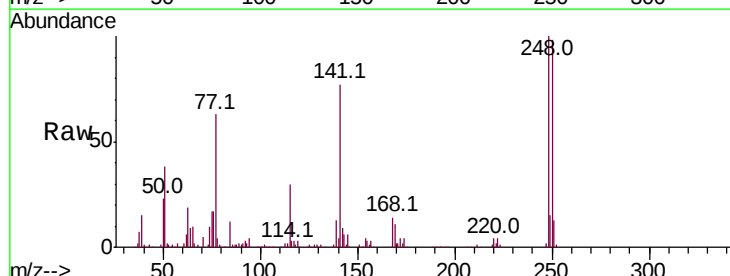
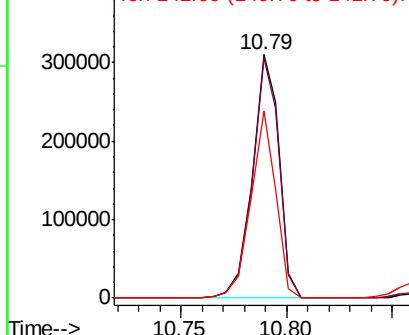
Tgt Ion	Ratio	Resp	Lower	Upper
248	100			
250	98.5	76.9	115.3	
141	76.8	74.4	111.6	

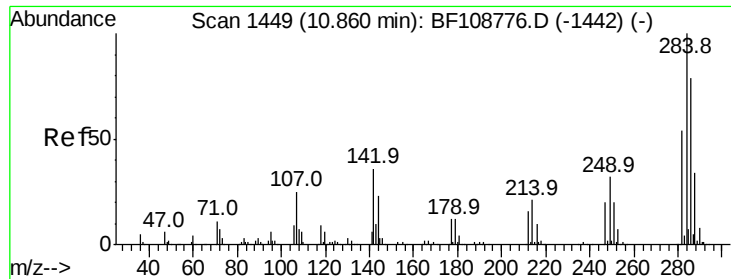
Abundance

Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#67

Hexachlorobenzene

Concen: 37.167 ng

RT: 10.86 min Scan# 1449

Delta R.T. -0.00 min

Lab File: BF108964.D

Acq: 13 Sep 2018 15:12

Instrument :

BNA_F

ClientSampleId :

PB112800BS

Tot Ion:284 Resp: 289658

Ion Ratio Lower Upper

284 100

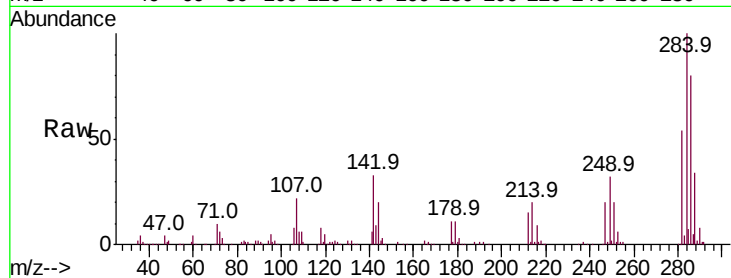
142 32.8 34.6 52.0#

249 32.3 24.8 37.2

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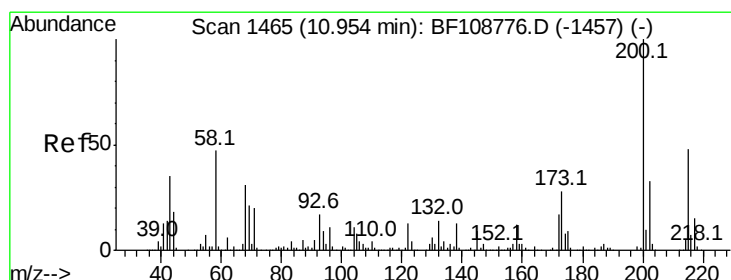
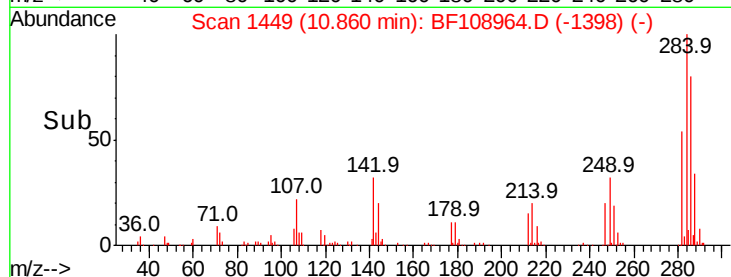
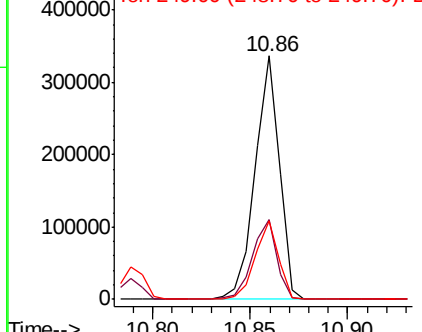
9/14/2018 8:37:57 AM



Abundance Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E



#68

Atrazine

Concen: 38.094 ng

RT: 10.95 min Scan# 1465

Delta R.T. -0.00 min

Lab File: BF108964.D

Acq: 13 Sep 2018 15:12

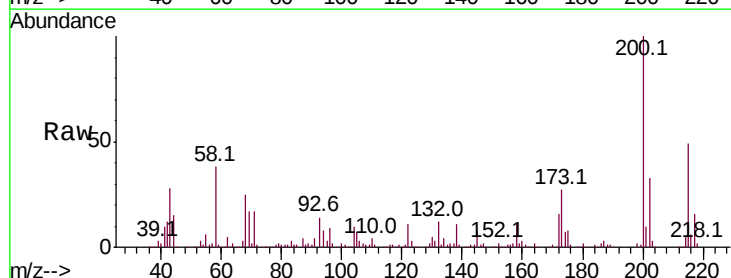
Tgt Ion:200 Resp: 262080

Ion Ratio Lower Upper

200 100

173 26.8 8.6 48.6

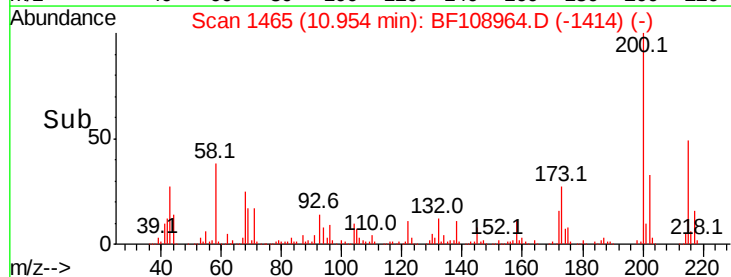
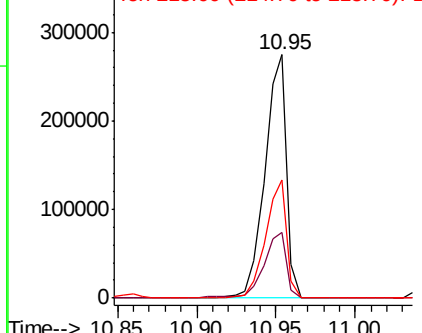
215 48.7 25.1 65.1

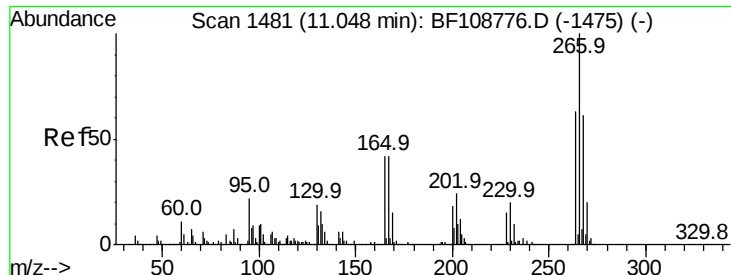


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E





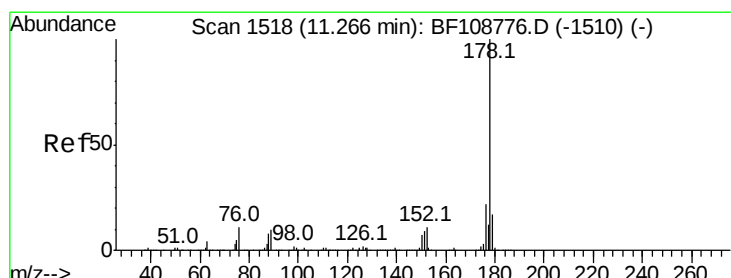
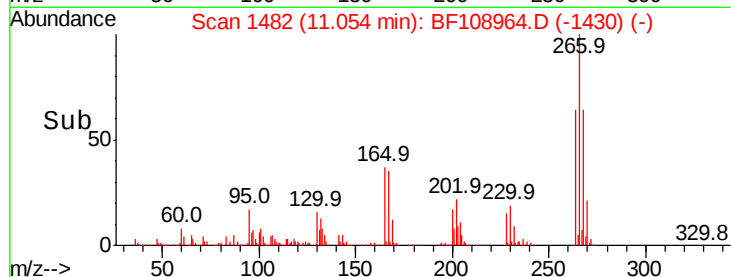
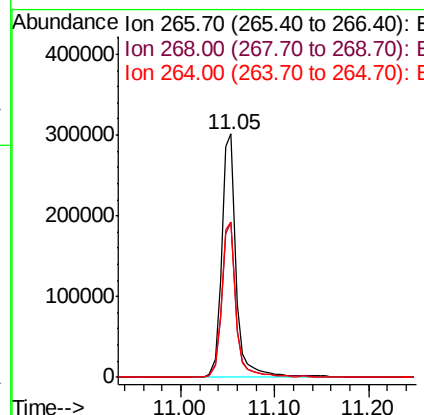
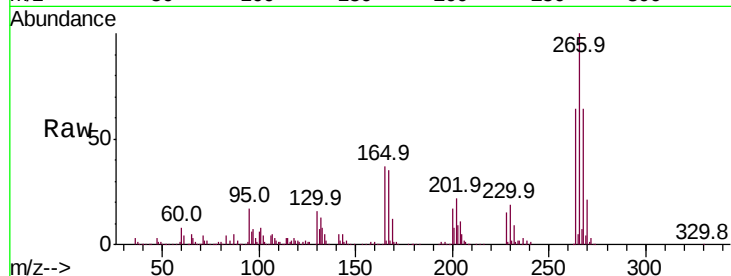
#69
 Pentachlorophenol
 Concen: 68.690 ng
 RT: 11.05 min Scan# 1482
 Delta R.T. 0.01 min
 Lab File: BF108964.D
 Acq: 13 Sep 2018 15:12

Instrument :
 BNA_F
 ClientSampleId :
 PB112800BS

Tot Ion	Ratio	Resp	Lower	Upper
266	100	327289		
268	63.6		51.1	76.7
264	64.0		49.5	74.3

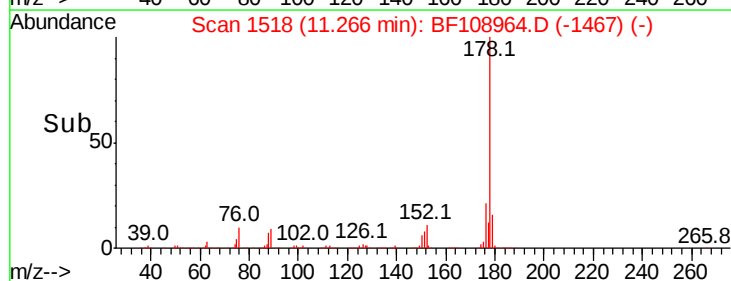
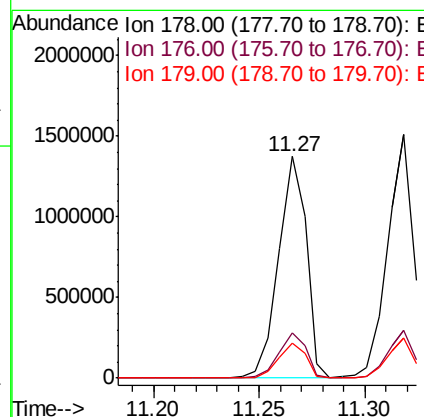
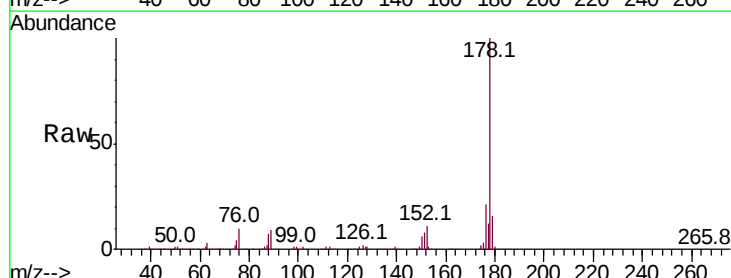
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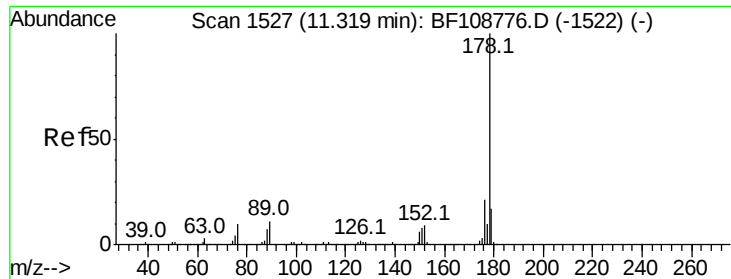
Sohil
 9/14/2018 8:37:57 AM



#70
 Phenanthrene
 Concen: 41.046 ng
 RT: 11.27 min Scan# 1518
 Delta R.T. -0.00 min
 Lab File: BF108964.D
 Acq: 13 Sep 2018 15:12

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	1266999		
176	20.6		15.8	23.8
179	15.9		13.0	19.6





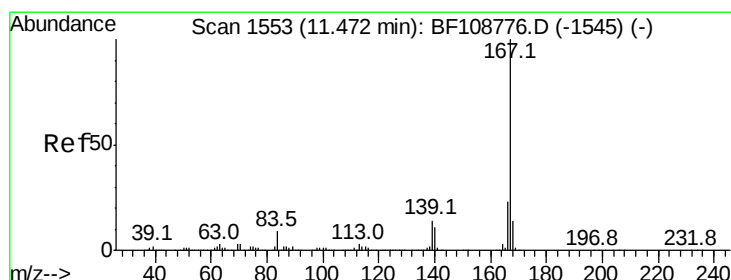
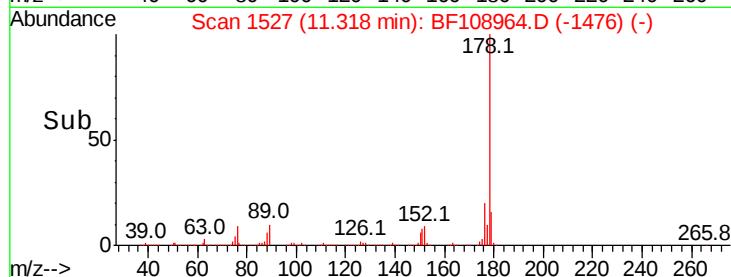
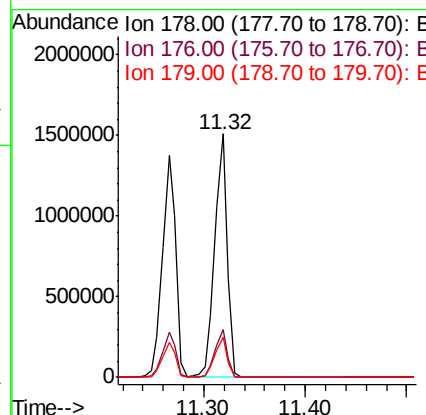
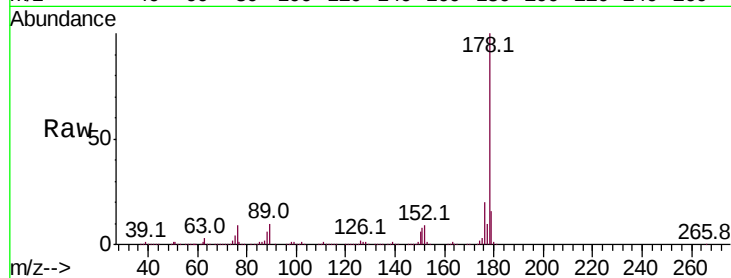
#71
 Anthracene
 Concen: 44.001 ng
 RT: 11.32 min Scan# 1527
 Delta R.T. -0.00 min
 Lab File: BF108964.D
 Acq: 13 Sep 2018 15:12

Instrument :
 BNA_F
 ClientSampleId :
 PB112800BS

Tot Ion:178 Resp: 1300424
 Ion Ratio Lower Upper
 178 100
 176 19.7 15.4 23.2
 179 16.2 12.6 19.0

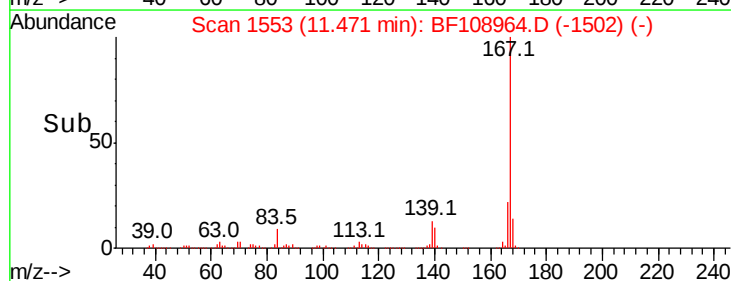
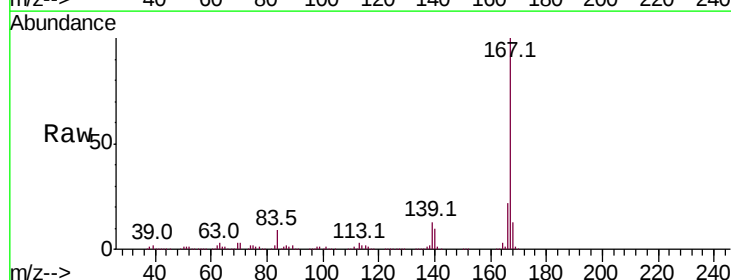
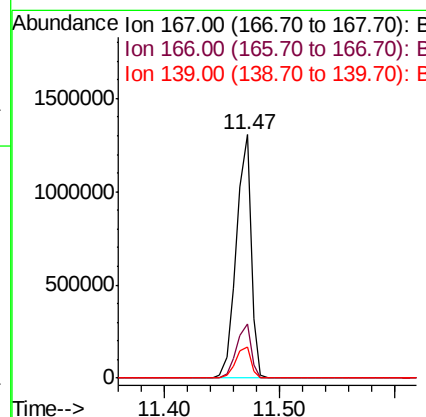
Manual Integrations
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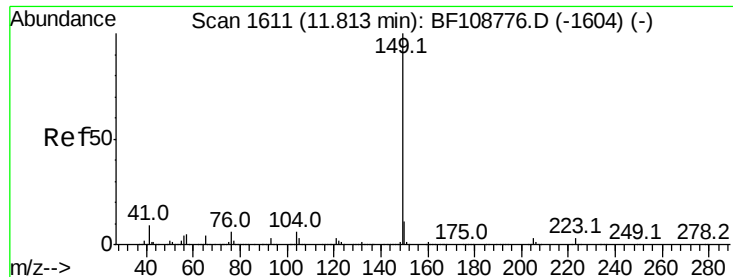
Sohil
 9/14/2018 8:37:57 AM



#72
 Carbazole
 Concen: 37.552 ng
 RT: 11.47 min Scan# 1553
 Delta R.T. -0.00 min
 Lab File: BF108964.D
 Acq: 13 Sep 2018 15:12

Tgt Ion:167 Resp: 1168794
 Ion Ratio Lower Upper
 167 100
 166 22.5 17.6 26.4
 139 13.0 10.9 16.3





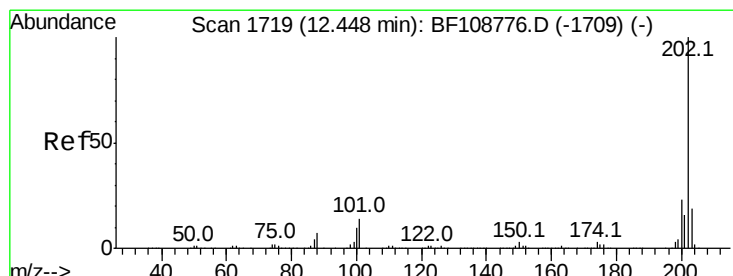
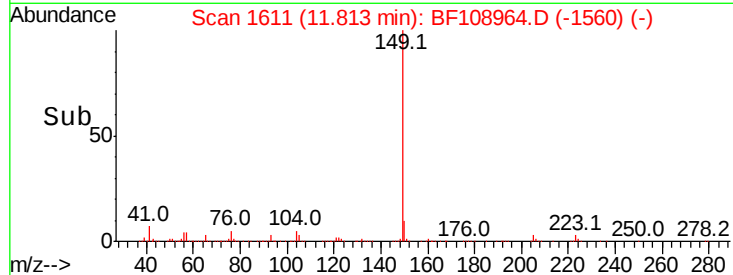
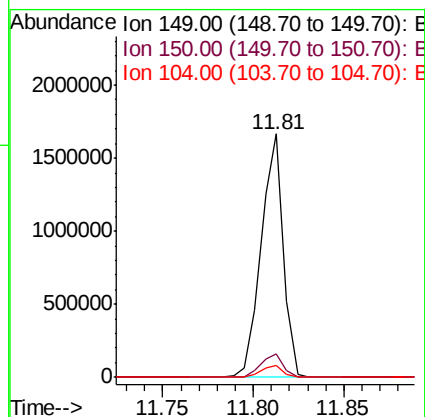
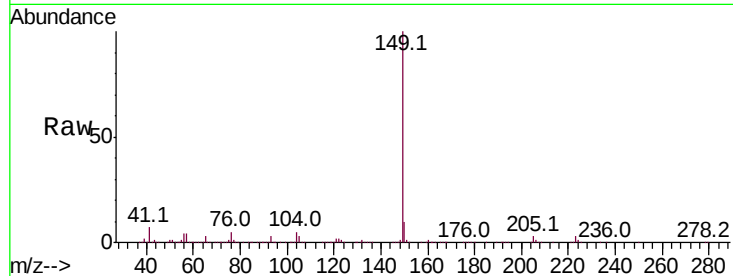
#73
Di-n-butylphthalate
Concen: 40.935 ng
RT: 11.81 min Scan# 1611
Delta R.T. -0.00 min
Lab File: BF108964.D
Acq: 13 Sep 2018 15:12

Instrument :
BNA_F
ClientSampleId :
PB112800BS

Tot Ion	Ratio	Lower	Upper
149	100		
150	9.7	7.8	11.6
104	5.0	3.8	5.8

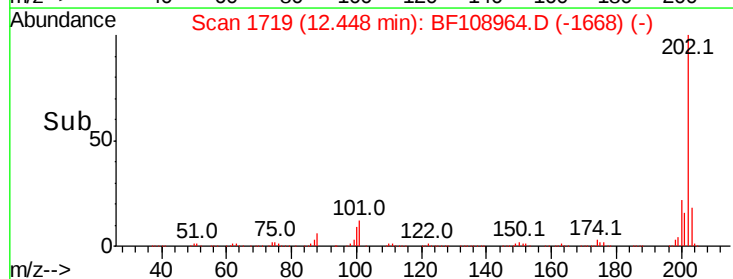
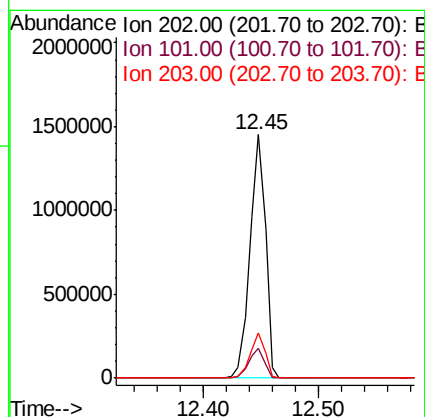
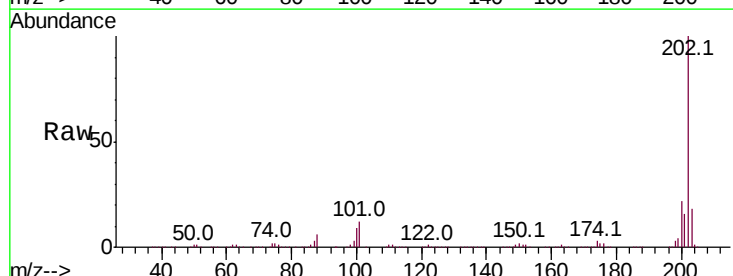
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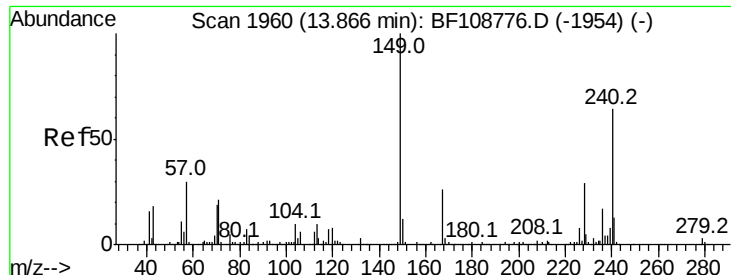
Sohil
9/14/2018 8:37:57 AM



#74
Fluoranthene
Concen: 44.040 ng
RT: 12.45 min Scan# 1719
Delta R.T. -0.00 min
Lab File: BF108964.D
Acq: 13 Sep 2018 15:12

Tgt Ion	Ratio	Lower	Upper
202	100		
101	12.4	0.0	34.1
203	18.3	0.0	38.1





#75

Chrysene-d12

Concen: 20.000 ng

RT: 13.87 min Scan# 1961

Delta R.T. 0.01 min

Lab File: BF108964.D

Acq: 13 Sep 2018 15:12

Instrument :

BNA_F

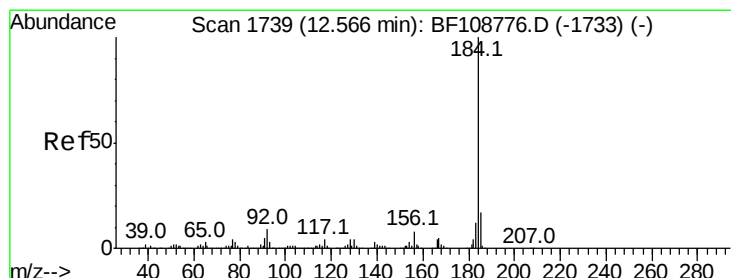
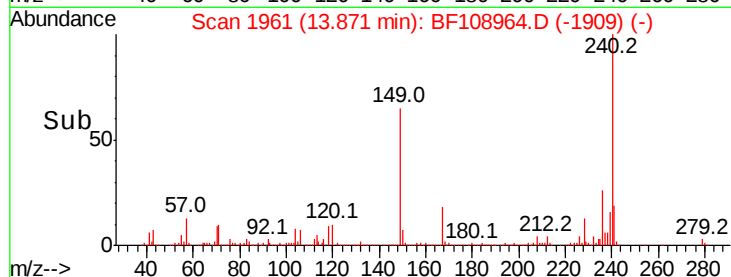
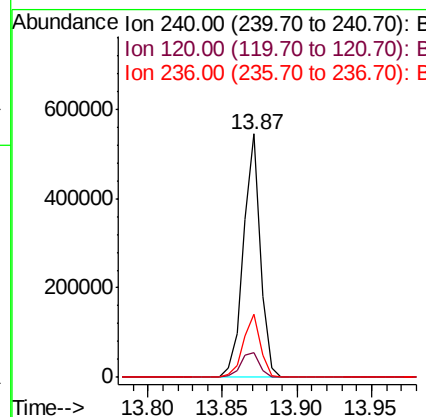
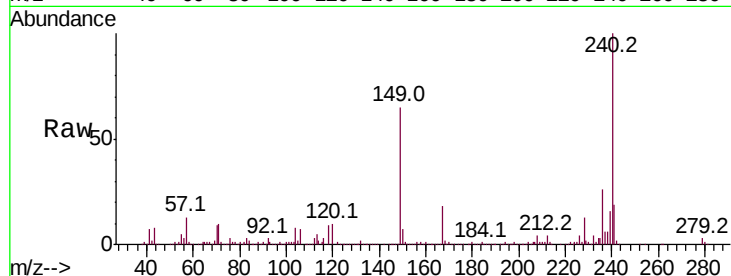
ClientSampleId :

PB112800BS

Tot Ion	Ratio	Lower	Upper
240	100		
120	10.3	9.5	14.3
236	26.2	20.7	31.1

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#76

Benzidine

Concen: 20.698 ng

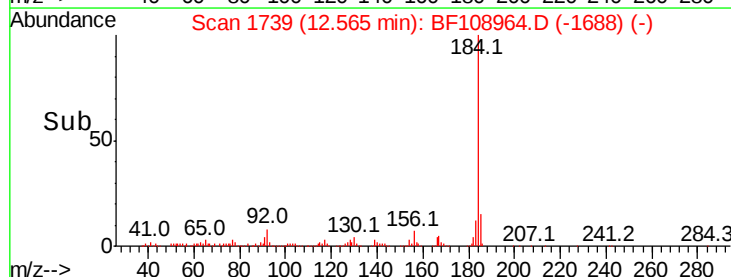
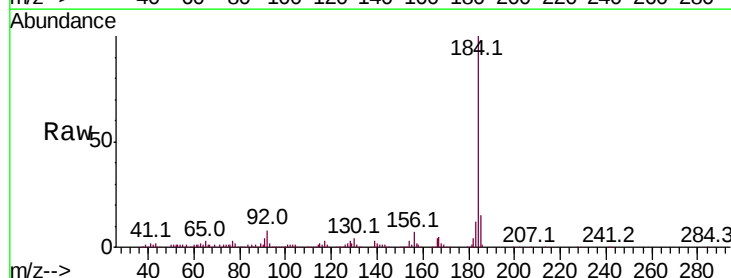
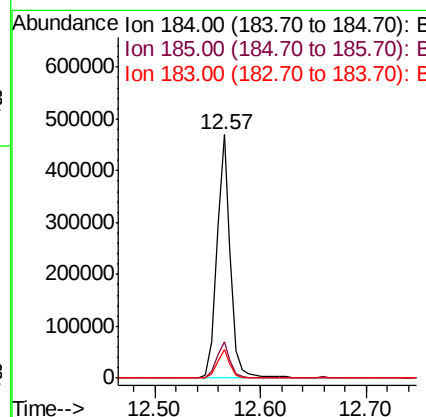
RT: 12.57 min Scan# 1739

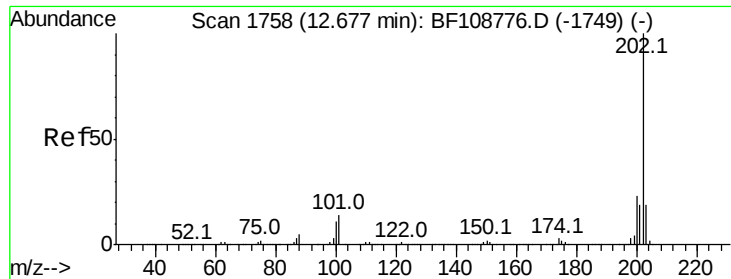
Delta R.T. -0.00 min

Lab File: BF108964.D

Acq: 13 Sep 2018 15:12

Tgt Ion	Ratio	Lower	Upper
184	100		
185	15.0	12.6	18.8
183	11.7	9.3	13.9





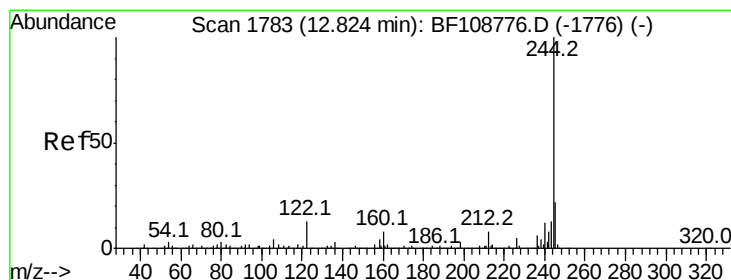
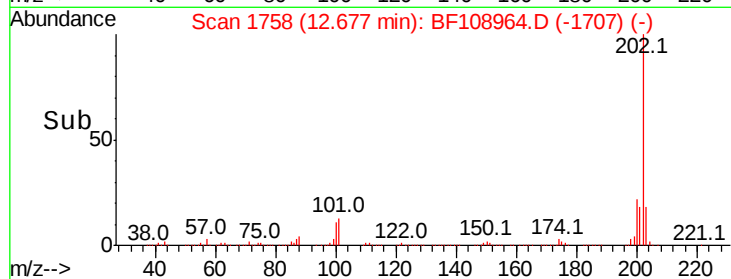
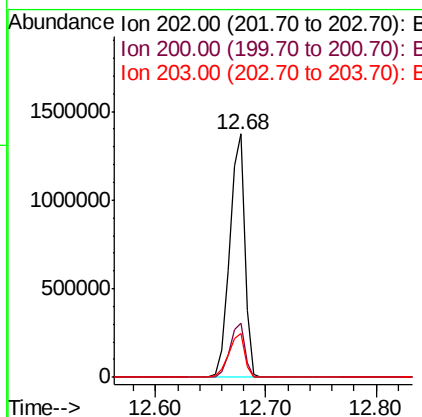
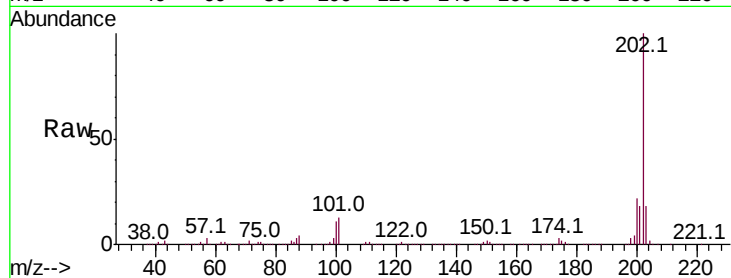
#77
Pvrene
Concen: 39.854 ng
RT: 12.68 min Scan# 1758
Delta R.T. -0.00 min
Lab File: BF108964.D
Acq: 13 Sep 2018 15:12

Instrument :
BNA_F
ClientSampleId :
PB112800BS

Tot Ion	Ratio	Lower	Upper
202	100		
200	22.3	17.4	26.2
203	18.3	14.3	21.5

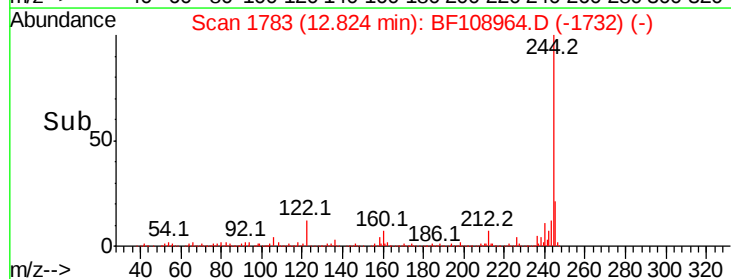
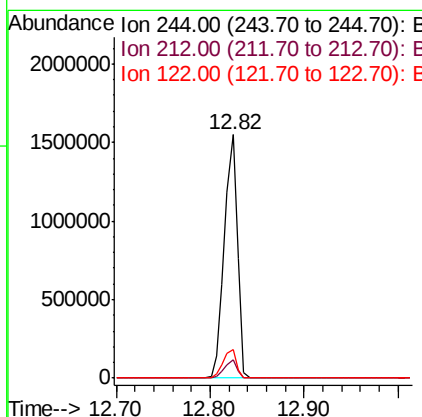
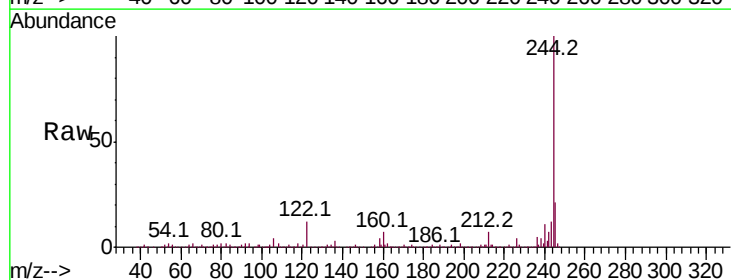
Manual Integrations
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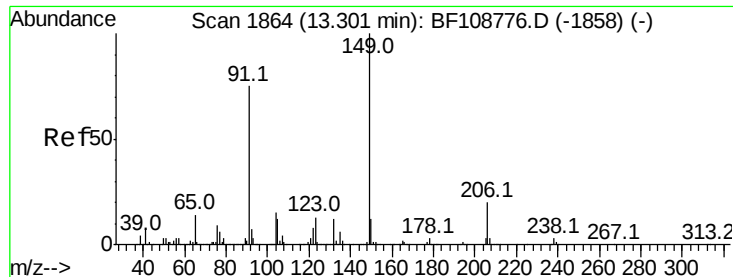
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#78
Terphenyl-d14
Concen: 81.826 ng
RT: 12.82 min Scan# 1783
Delta R.T. 0.00 min
Lab File: BF108964.D
Acq: 13 Sep 2018 15:12

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.4	5.4	8.0
122	12.0	11.0	16.4





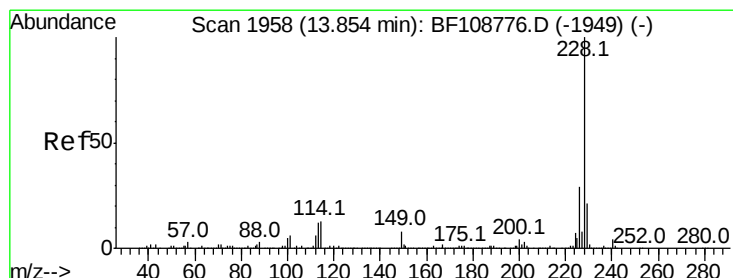
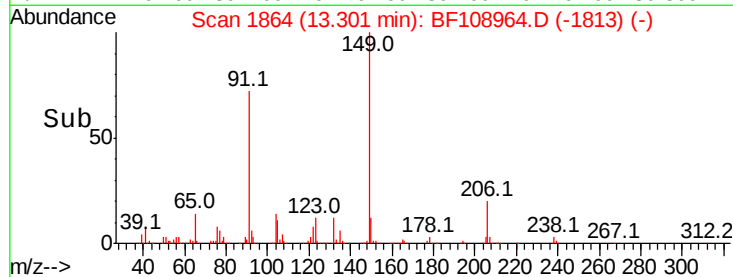
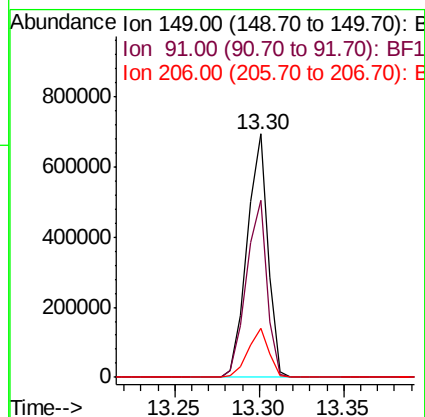
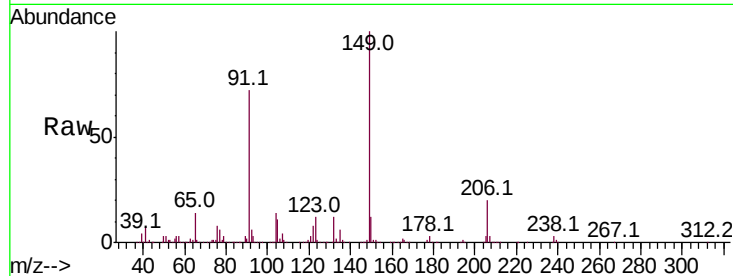
#79
Butylbenzylphthalate
Concen: 40.030 ng
RT: 13.30 min Scan# 1864
Delta R.T. -0.00 min
Lab File: BF108964.D
Acq: 13 Sep 2018 15:12

Instrument :
BNA_F
ClientSampleId :
PB112800BS

Tot Ion:	149	Resp:	599587
Ion Ratio	Lower	Upper	
149	100		
91	72.5	56.8	85.2
206	20.1	14.1	21.1

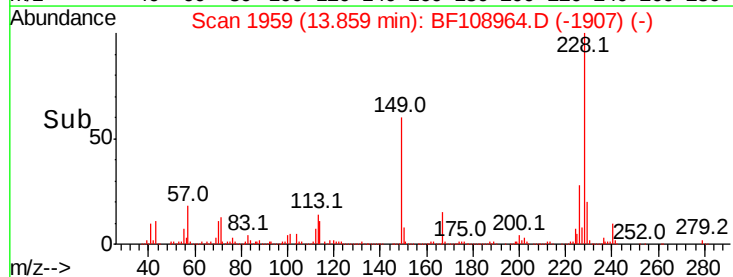
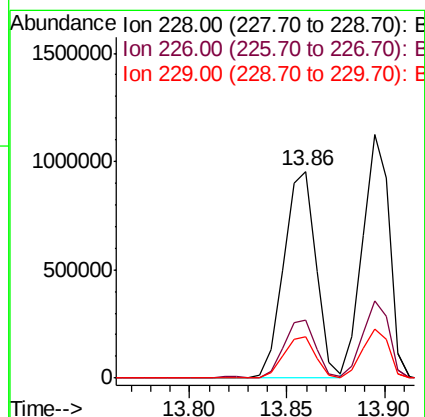
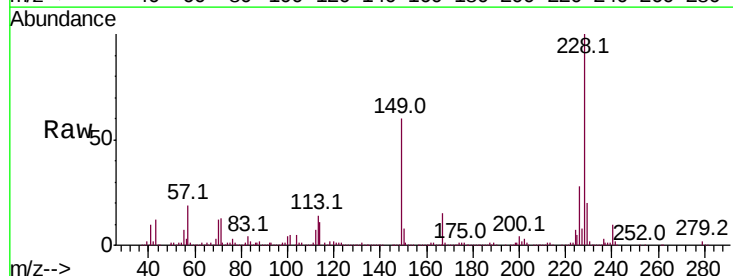
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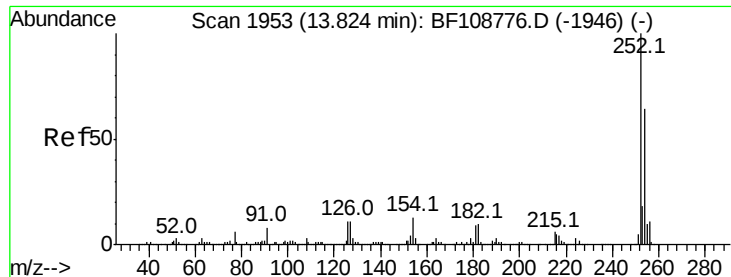
Sohil
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#80
Benzo(a)anthracene
Concen: 39.308 ng
RT: 13.86 min Scan# 1959
Delta R.T. 0.01 min
Lab File: BF108964.D
Acq: 13 Sep 2018 15:12

Tgt Ion:	228	Resp:	1089055
Ion Ratio	Lower	Upper	
228	100		
226	28.0	22.6	33.8
229	20.2	15.8	23.6





#81

3,3'-Dichlorobenzidine

Concen: 28.946 ng

RT: 13.82 min Scan# 1953

Delta R.T. -0.00 min

Lab File: BF108964.D

Acq: 13 Sep 2018 15:12

Instrument :

BNA_F

ClientSampleId :

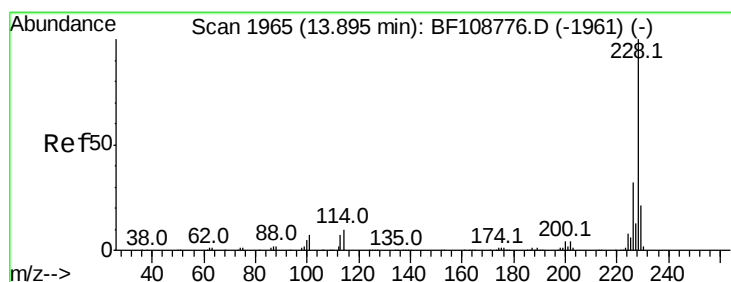
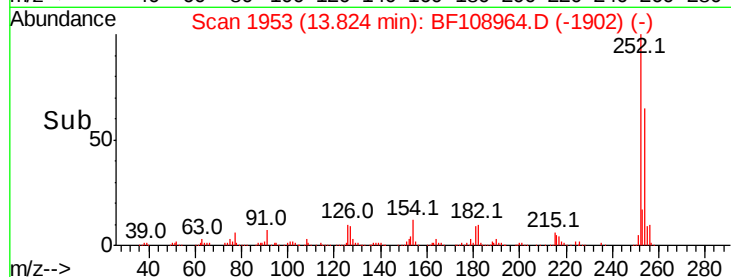
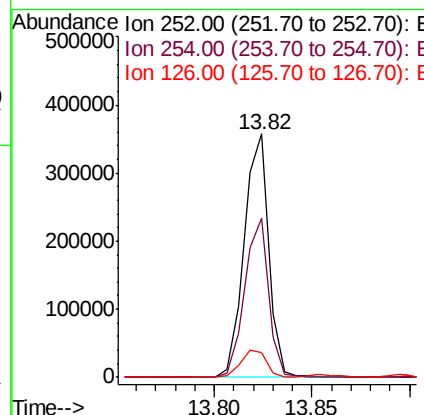
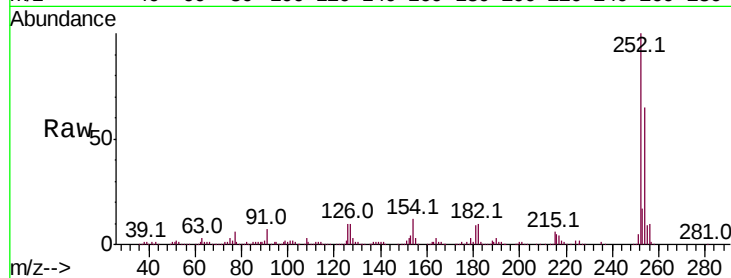
PB112800BS

Tot Ion	Ratio	Resp	Lower	Upper
252	100			
254	65.2	50.4	75.6	
126	10.1	11.3	16.9	

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#82

Chrysene

Concen: 39.963 ng

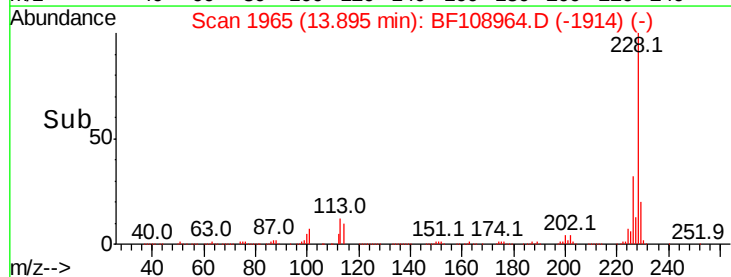
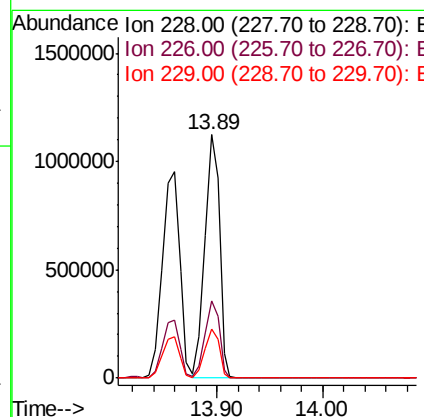
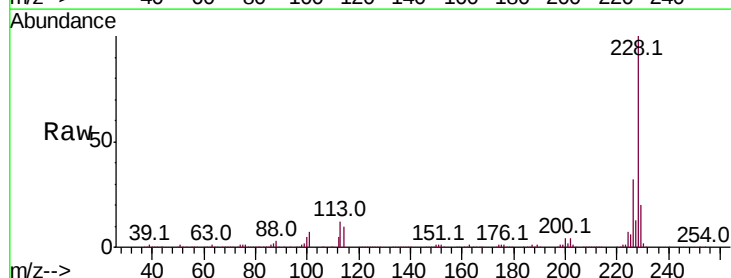
RT: 13.89 min Scan# 1965

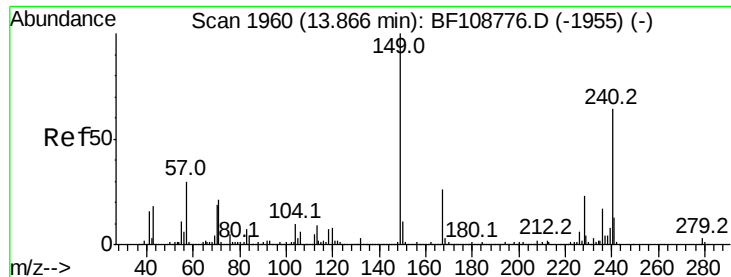
Delta R.T. -0.00 min

Lab File: BF108964.D

Acq: 13 Sep 2018 15:12

Tgt Ion	Ratio	Resp	Lower	Upper
228	100			
226	31.6	25.0	37.6	
229	20.4	16.2	24.4	





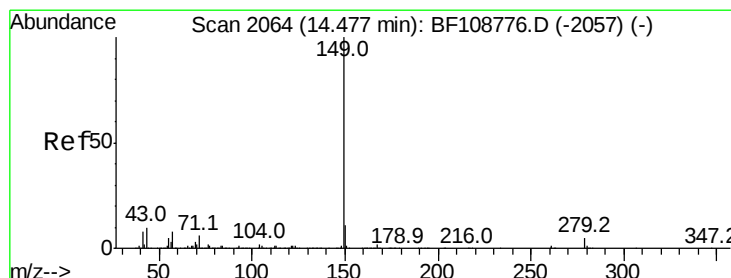
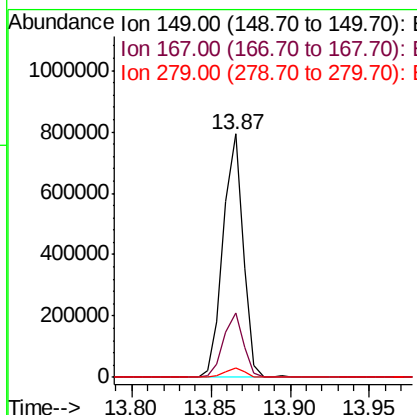
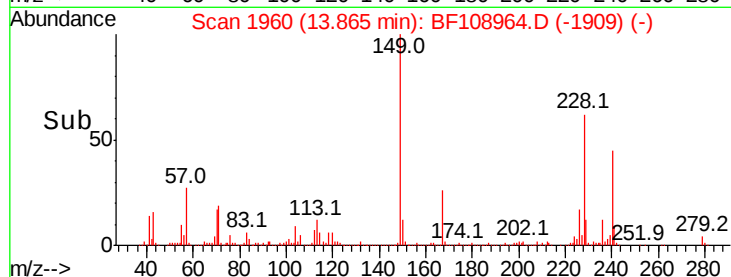
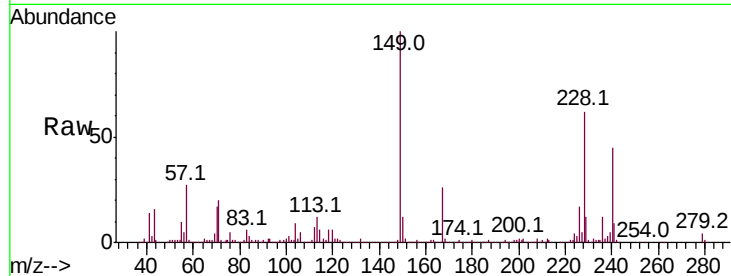
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 37.121 ng
 RT: 13.87 min Scan# 1960
 Delta R.T. -0.00 min
 Lab File: BF108964.D
 Acq: 13 Sep 2018 15:12

Instrument :
 BNA_F
 ClientSampled :
 PB112800BS

Tot Ion:	149	Resp:	698732
Ion Ratio	Lower	Upper	
149	100		
167	26.4	21.3	31.9
279	3.9	3.0	4.4

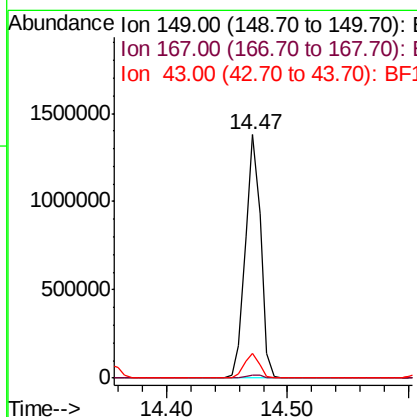
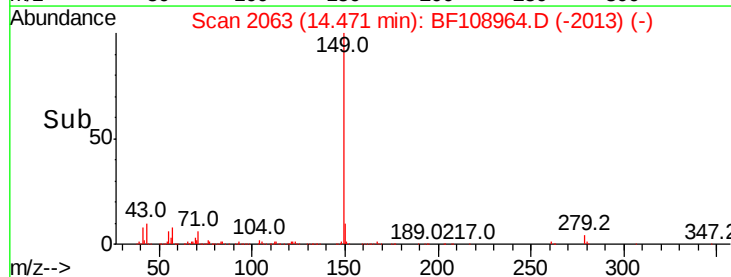
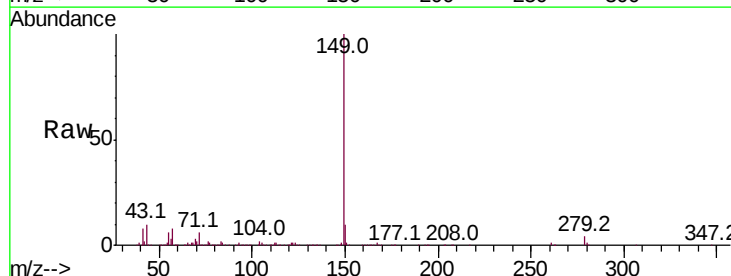
Manual Integrations
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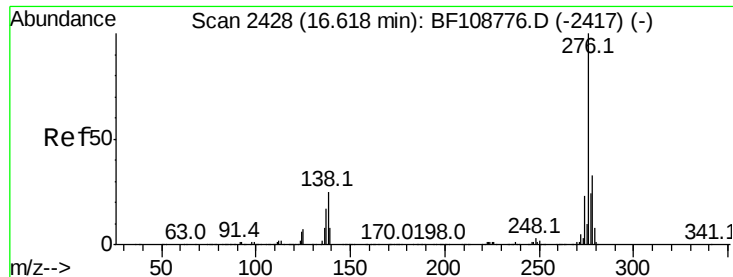
Sohil
 9/14/2018 8:37:57 AM



#84
 Di-n-octyl phthalate
 Concen: 39.105 ng
 RT: 14.47 min Scan# 2063
 Delta R.T. -0.01 min
 Lab File: BF108964.D
 Acq: 13 Sep 2018 15:12

Tgt Ion:	149	Resp:	1227170
Ion Ratio	Lower	Upper	
149	100		
167	1.5	1.2	1.8
43	9.8	8.4	12.6





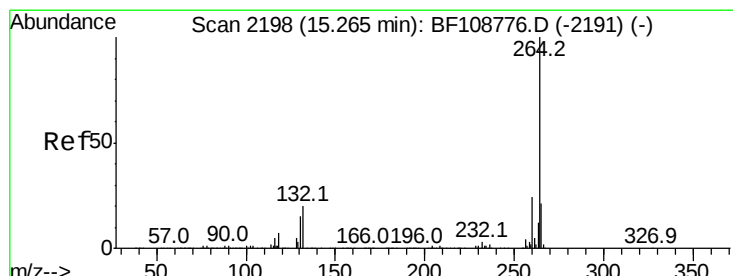
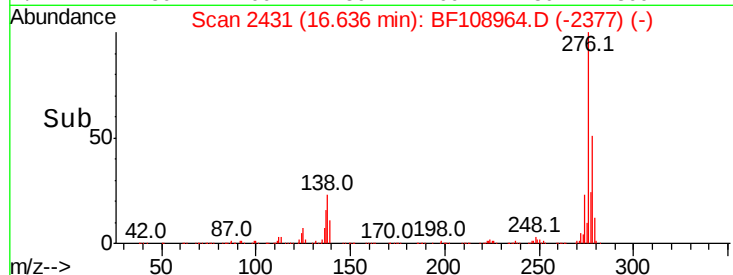
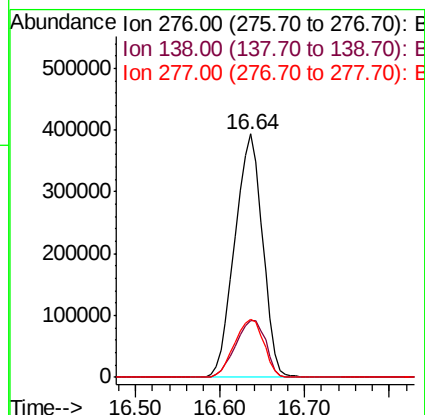
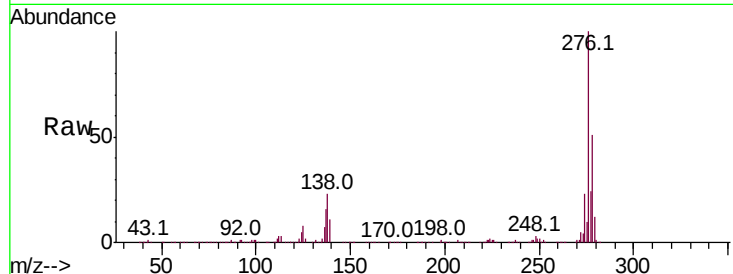
#85
Indeno(1,2,3-cd)pyrene
Concen: 37.635 ng
RT: 16.64 min Scan# 2431
Delta R.T. 0.02 min
Lab File: BF108964.D
Acq: 13 Sep 2018 15:12

Instrument :
BNA_F
ClientSampled :
PB112800BS

Tot Ion	Ratio	Lower	Upper
276	100		
138	25.7	25.0	37.6
277	25.4	20.1	30.1

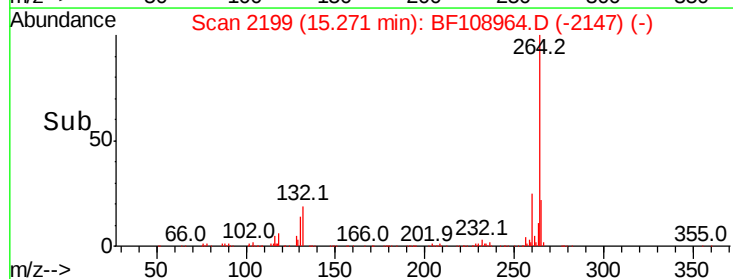
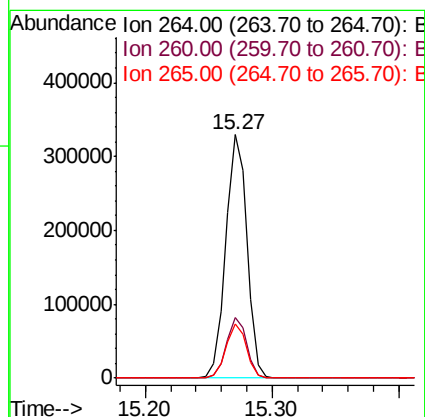
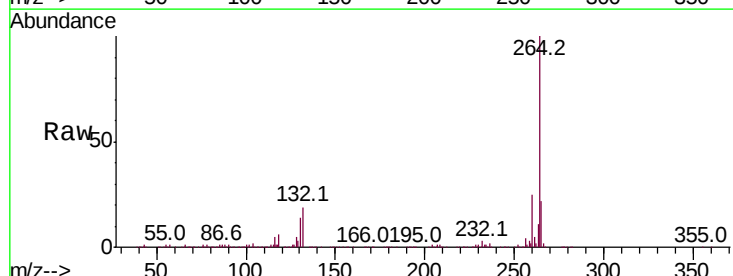
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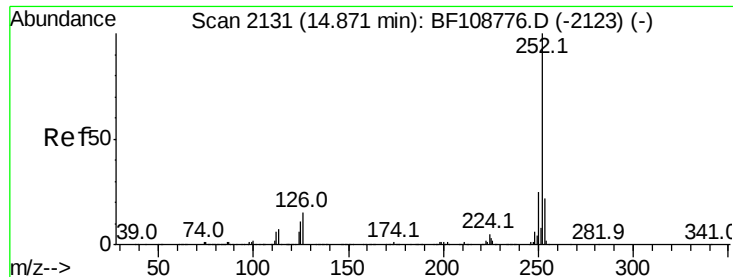
Sohil
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#86
Perylene-d12
Concen: 20.000 ng
RT: 15.27 min Scan# 2199
Delta R.T. 0.01 min
Lab File: BF108964.D
Acq: 13 Sep 2018 15:12

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.7	19.2	28.8
265	22.2	17.5	26.3





#87

Benzo(b)fluoranthene

Concen: 44.997 ng

RT: 14.88 min Scan# 2132

Delta R.T. 0.01 min

Lab File: BF108964.D

Acq: 13 Sep 2018 15:12

Instrument :

BNA_F

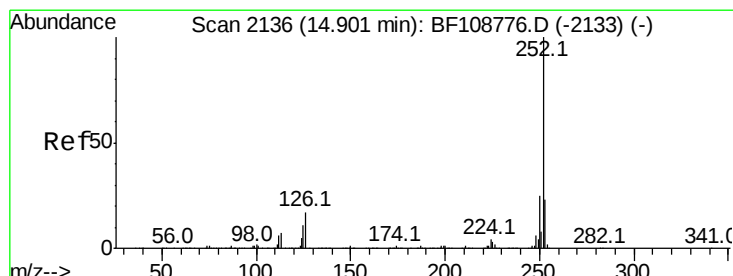
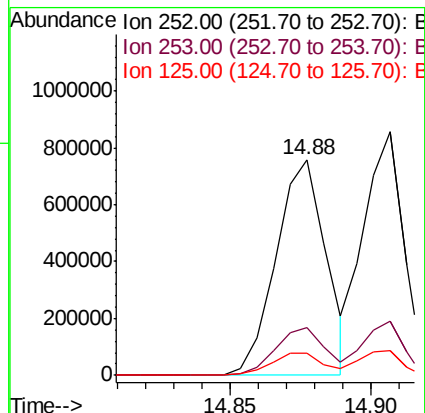
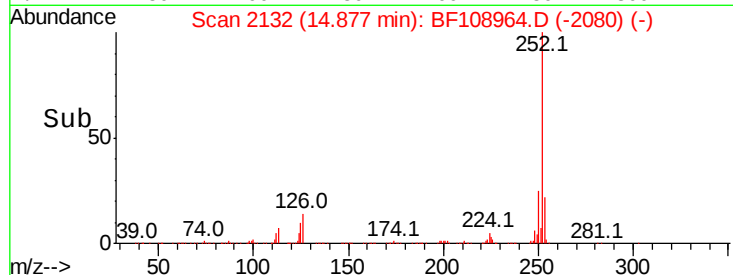
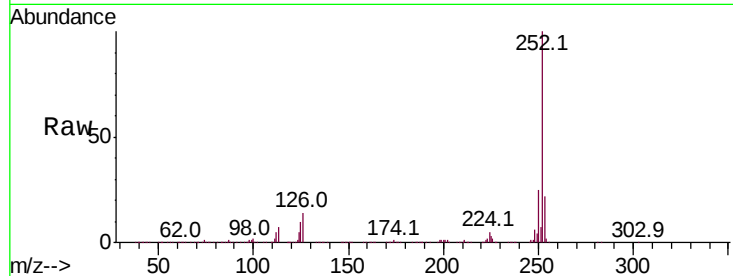
ClientSampleId :

PB112800BS

Tot Ion:	252	Resp:	930578
Ion Ratio	Lower	Upper	
252	100		
253	22.2	17.0	25.6
125	10.1	9.0	13.6

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#88

Benzo(k)fluoranthene

Concen: 44.433 ng

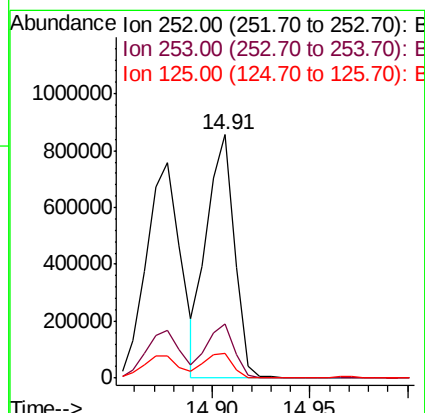
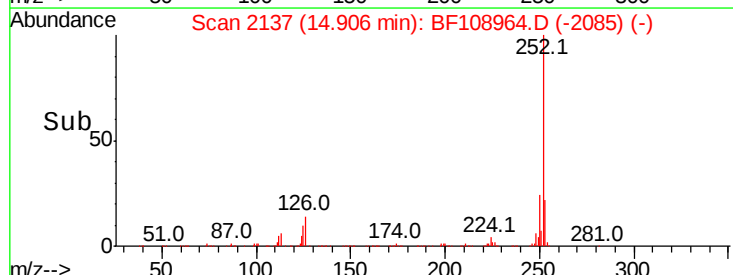
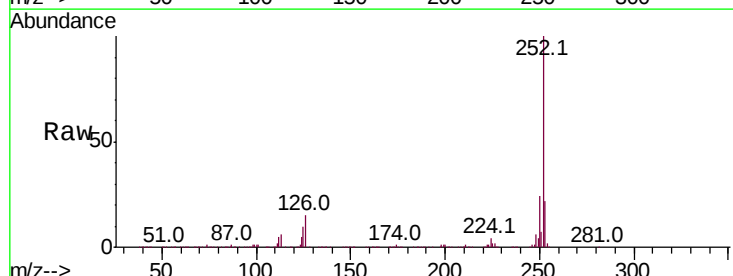
RT: 14.91 min Scan# 2137

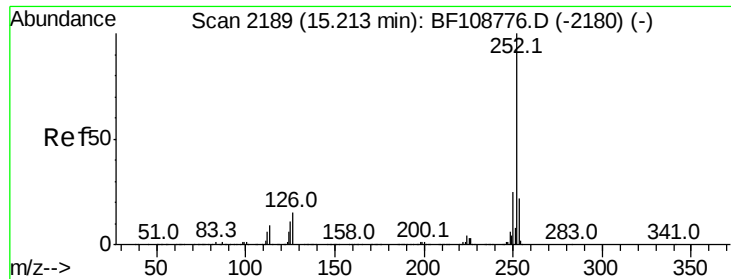
Delta R.T. 0.01 min

Lab File: BF108964.D

Acq: 13 Sep 2018 15:12

Tgt Ion:	252	Resp:	846226
Ion Ratio	Lower	Upper	
252	100		
253	22.3	17.9	26.9
125	10.1	10.2	15.2#





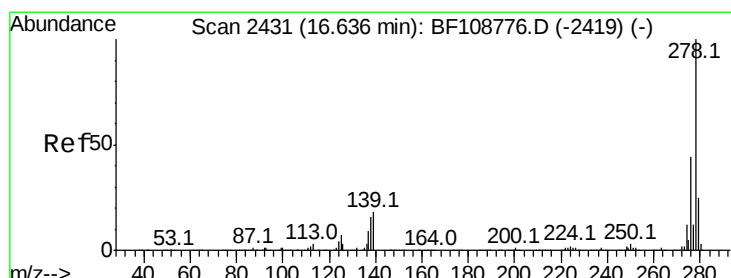
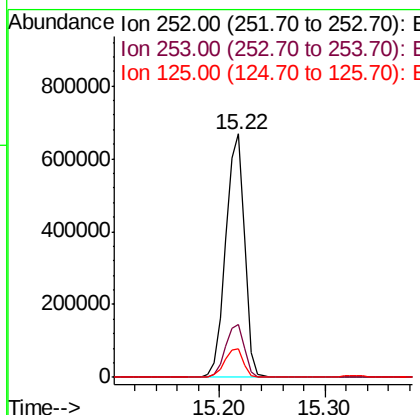
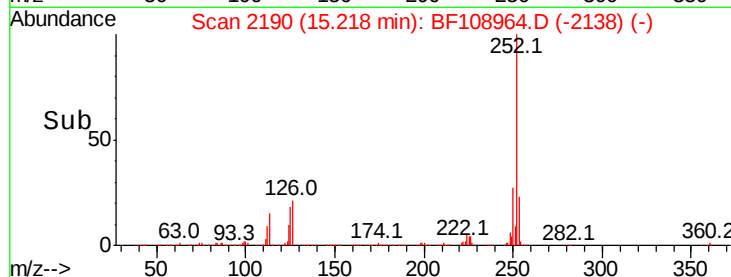
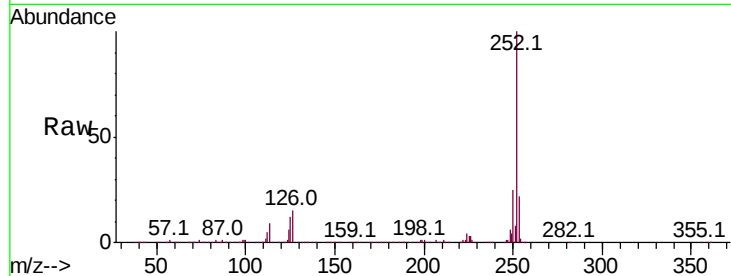
#89
Benzo(a)pyrene
Concen: 44.112 ng
RT: 15.22 min Scan# 2190
Delta R.T. 0.01 min
Lab File: BF108964.D
Acq: 13 Sep 2018 15:12

Instrument :
BNA_F
ClientSampleId :
PB112800BS

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.8	17.1	25.7
125	11.7	9.8	14.6

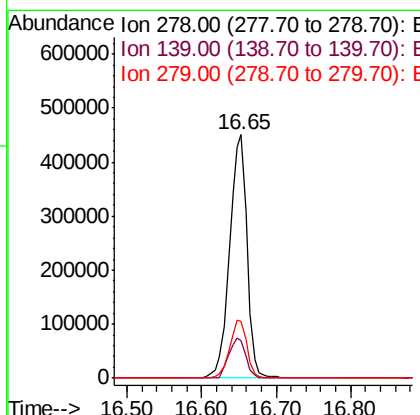
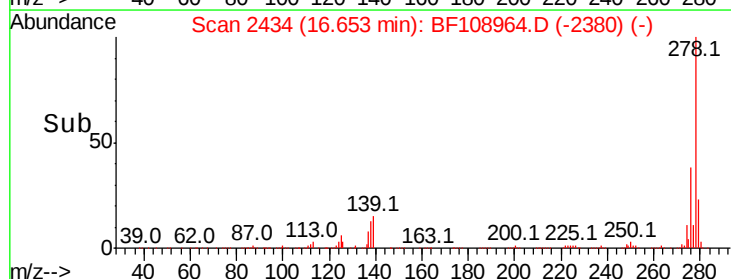
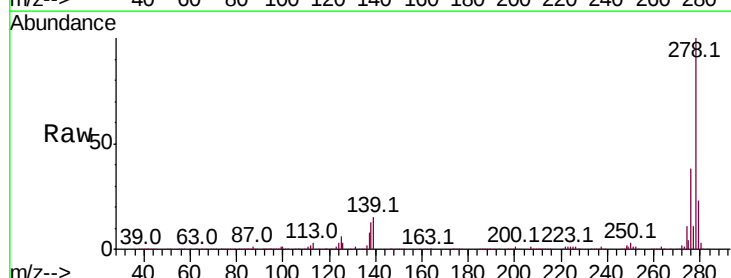
Manual Integrations
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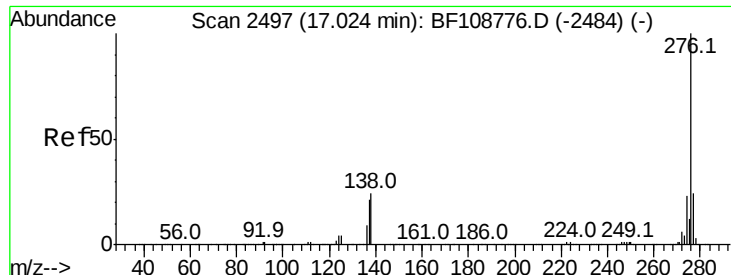
Sohil
9/14/2018 8:37:57 AM



#90
Dibenzo(a,h)anthracene
Concen: 44.741 ng
RT: 16.65 min Scan# 2434
Delta R.T. 0.02 min
Lab File: BF108964.D
Acq: 13 Sep 2018 15:12

Tgt Ion	Ratio	Lower	Upper
278	100		
139	15.4	15.9	23.9#
279	23.2	19.0	28.4





#91
 Benzo(a,h,i)perylene
 Concen: 47.355 ng
 RT: 17.04 min Scan# 2500
 Delta R.T. 0.02 min
 Lab File: BF108964.D
 Acq: 13 Sep 2018 15:12

Instrument :
 BNA_F
 ClientSampleId :
 PB112800BS

Tot Ion	Ratio	Lower	Upper
276	100		
277	24.0	17.9	26.9
138	22.3	21.8	32.8

Manual Integrations
 APPROVED

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