

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF081718\
 Data File : BF108251.D
 Acq On : 17 Aug 2018 18:55
 Operator : JU/SJ
 Sample : J4501-05MS
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 RA-081318-FL-020MS

Manual Integrations
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Sohil
 8/20/2018 12:48:28 PM

Quant Time: Aug 18 00:21:04 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF080818.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Aug 08 12:24:24 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.02	152	138988	20.00	ng	0.00
21) Naphthalene-d8	8.30	136	522724	20.00	ng	0.00
38) Acenaphthene-d10	10.06	164	260525	20.00	ng	0.00
63) Phenanthrene-d10	11.56	188	515179	20.00	ng	0.00
75) Chrysene-d12	14.21	240	434894	20.00	ng	0.00
86) Perylene-d12	15.77	264	391424	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.64	112	1012355	131.87	ng	0.01
7) Phenol-d6	6.64	99	1350358	132.37	ng	0.01
23) Nitrobenzene-d5	7.58	82	882874	94.25	ng	0.00
41) 2,4,6-Tribromophenol	10.86	330	380536	146.43	ng	0.00
44) 2-Fluorobiphenyl	9.37	172	1571336	96.83	ng	0.00
78) Terphenyl-d14	13.15	244	1691044	98.87	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.91	88	121931	30.910	ng	91
3) Pyridine	3.70	79	337400	33.204	ng	87
4) n-Nitrosodimethylamine	3.65	42	200539	35.073	ng	# 81
6) Aniline	6.68	93	485061	34.956	ng	98
8) 2-Chlorophenol	6.80	128	354458	40.995	ng	91
9) Benzaldehyde	6.57	77	204967	25.914	ng	98
10) Phenol	6.65	94	453664	42.991	ng	92
11) bis(2-Chloroethyl)ether	6.75	93	341482	40.028	ng	90
12) 1,3-Dichlorobenzene	6.96	146	390248	39.035	ng	99
13) 1,4-Dichlorobenzene	7.04	146	394103	39.235	ng	97
14) 1,2-Dichlorobenzene	7.19	146	370705	39.677	ng	97
15) Benzyl Alcohol	7.15	79	340727	39.674	ng	96
16) 2,2'-oxybis(1-Chloropropan	7.28	45	669797	38.111	ng	97
17) 2-Methylphenol	7.26	107	298480	40.255	ng	96
18) Hexachloroethane	7.53	117	134909	37.726	ng	93
19) n-Nitroso-di-n-propylamine	7.42	70	268163	38.872	ng	# 87
20) 3+4-Methylphenols	7.41	107	382505	40.256	ng	97
22) Acetophenone	7.42	105	503981	41.233	ng	94
24) Nitrobenzene	7.60	77	396071	41.812	ng	99
25) Isophorone	7.83	82	726205	40.672	ng	96
26) 2-Nitrophenol	7.91	139	163141	45.604	ng	93
27) 2,4-Dimethylphenol	7.94	122	333248	42.053	ng	99
28) bis(2-Chloroethoxy)methane	8.04	93	438279	42.048	ng	99
29) 2,4-Dichlorophenol	8.15	162	314176	43.081	ng	97
30) 1,2,4-Trichlorobenzene	8.24	180	328252	40.825	ng	96
31) Naphthalene	8.32	128	1014109	42.659	ng	99
32) Benzoic acid	8.00	122	30849	11.848	ng	94
33) 4-Chloroaniline	8.37	127	357381	34.497	ng	98
34) Hexachlorobutadiene	8.43	225	206684	40.606	ng	98
35) Caprolactam	8.73	113	94016m	41.139	ng	
36) 4-Chloro-3-methylphenol	8.84	107	328998	41.819	ng	99
37) 2-Methylnaphthalene	9.01	142	696607	41.417	ng	97
39) 1,2,4,5-Tetrachlorobenzene	9.18	216	353963	44.243	ng	98
40) Hexachlorocyclopentadiene	9.16	237	140751	27.237	ng	98

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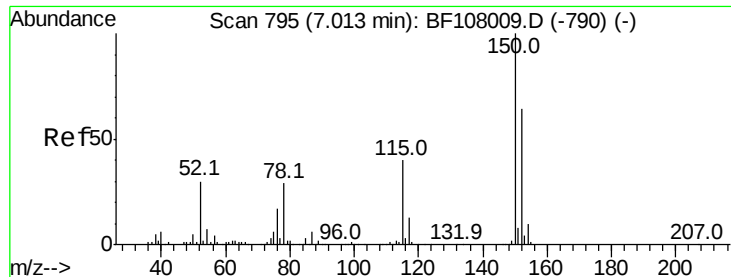
Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.29	196	232770	46.885	nq	97
43) 2,4,5-Trichlorophenol	9.33	196	253852	46.449	nq	# 95
45) 1,1'-Biphenyl	9.48	154	849852	44.244	nq	98
46) 2-Chloronaphthalene	9.51	162	657955	43.339	nq	97
47) 2-Nitroaniline	9.60	65	234645	47.768	nq	89
48) Acenaphthylene	9.92	152	1058688	44.110	nq	99
49) Dimethylphthalate	9.77	163	954382	52.590	nq	99
50) 2,6-Dinitrotoluene	9.84	165	172054	45.315	nq	95
51) Acenaphthene	10.10	154	616091	41.909	nq	99
52) 3-Nitroaniline	10.01	138	165843	39.921	nq	98
53) 2,4-Dinitrophenol	10.11	184	13767	15.859	nq	# 33
54) Dibenzofuran	10.27	168	930924	43.710	nq	99
55) 4-Nitrophenol	10.17	139	264384	84.043	nq	97
56) 2,4-Dinitrotoluene	10.25	165	231195	47.305	nq	# 96
57) Fluorene	10.61	166	739059	43.836	nq	98
58) 2,3,4,6-Tetrachlorophenol	10.38	232	205655	45.021	nq	# 86
59) Diethylphthalate	10.47	149	785880	44.721	nq	96
60) 4-Chlorophenyl-phenylether	10.60	204	375115	42.699	nq	90
61) 4-Nitroaniline	10.63	138	183091	44.578	nq	92
62) Azobenzene	10.76	77	776347	42.778	nq	93
64) 4,6-Dinitro-2-methylphenol	10.65	198	25192	16.929	nq	92
65) n-Nitrosodiphenylamine	10.72	169	683485	44.895	nq	97
66) 4-Bromophenyl-phenylether	11.10	248	244241	43.625	nq	# 85
67) Hexachlorobenzene	11.17	284	242151	41.108	nq	# 86
68) Atrazine	11.24	200	231781	45.392	nq	96
69) Pentachlorophenol	11.36	266	222508	78.917	nq	99
70) Phenanthrene	11.58	178	1056039	43.460	nq	99
71) Anthracene	11.64	178	1079108	43.329	nq	100
72) Carbazole	11.79	167	963522	43.544	nq	99
73) Di-n-butylphthalate	12.10	149	1206031	48.119	nq	99
74) Fluoranthene	12.78	202	1120295	42.244	nq	97
76) Benzidine	12.89	184	835943	51.447	nq	99
77) Pyrene	13.01	202	1128270	40.978	nq	99
79) Butylbenzylphthalate	13.61	149	497571	45.511	nq	# 98
80) Benzo(a)anthracene	14.20	228	1071110	42.916	nq	99
81) 3,3'-Dichlorobenzidine	14.16	252	388101	43.390	nq	# 97
82) Chrysene	14.24	228	992627	43.381	nq	99
83) Bis(2-ethylhexyl)phthalate	14.17	149	669436	45.216	nq	99
84) Di-n-octyl phthalate	14.79	149	1184749	52.470	nq	96
85) Indeno(1,2,3-cd)pyrene	17.39	276	736229	37.134	nq	# 91
87) Benzo(b)fluoranthene	15.31	252	1052238	44.988	nq	96
88) Benzo(k)fluoranthene	15.34	252	891759	41.476	nq	# 96
89) Benzo(a)pyrene	15.71	252	893076	42.640	nq	97
90) Dibenzo(a,h)anthracene	17.41	278	621204	35.847	nq	# 94
91) Benzo(g,h,i)perylene	17.89	276	587464	34.427	nq	# 91

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



#1

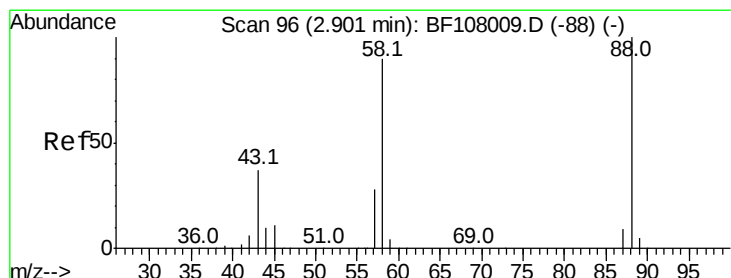
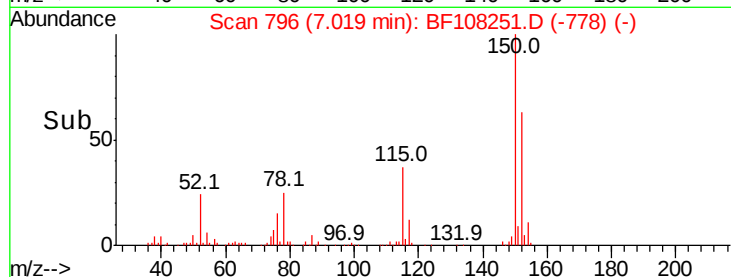
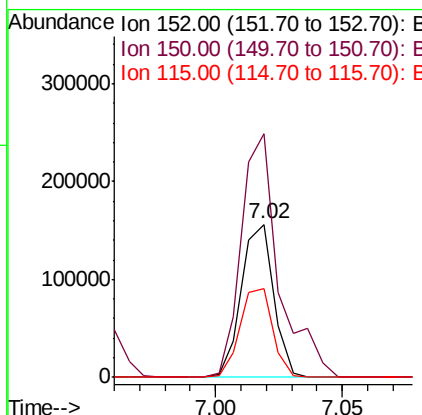
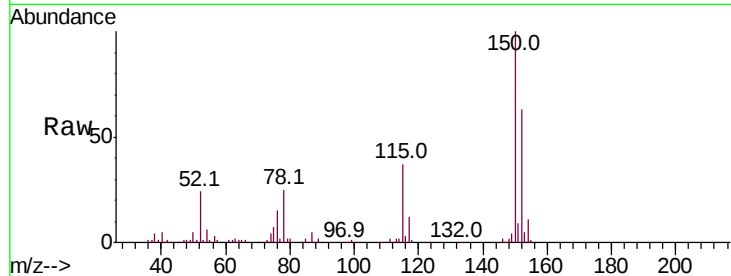
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.02 min Scan# 796
Delta R.T. 0.01 min
Lab File: BF108251.D
Acq: 17 Aug 2018 18:55

Instrument :
BNA_F
ClientSampleId :
RA-081318-FL-020MS

Tot Ion	Ratio	Lower	Upper
152	100		
150	159.3	124.6	186.8
115	58.2	50.1	75.1

Manual Integrations
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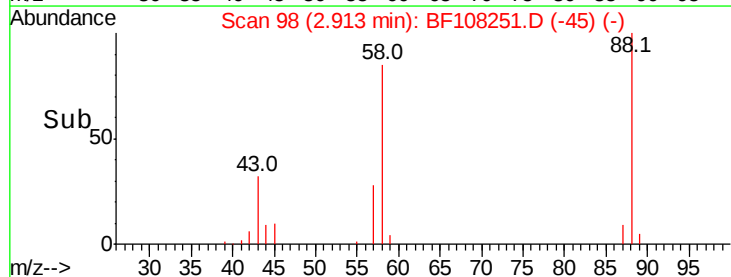
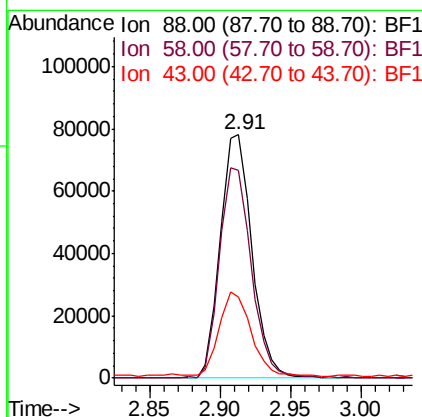
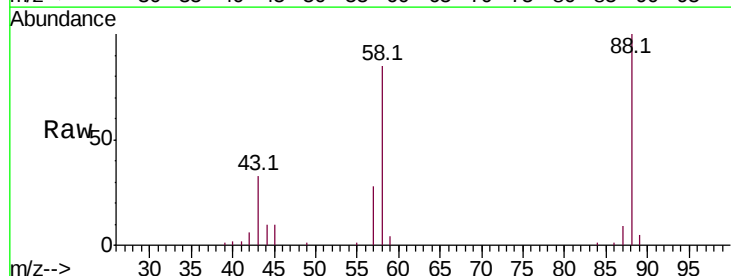
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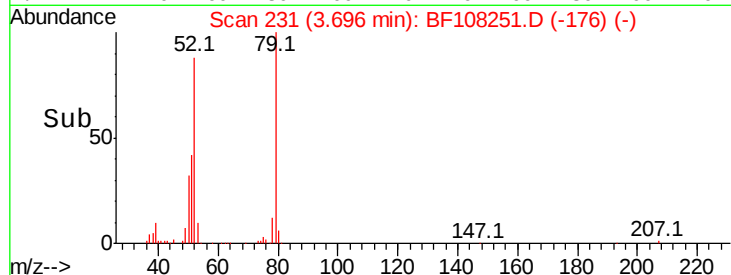
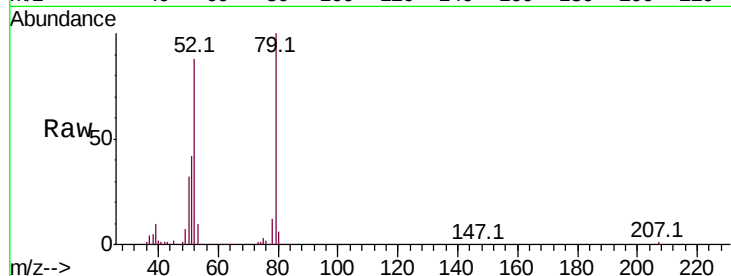
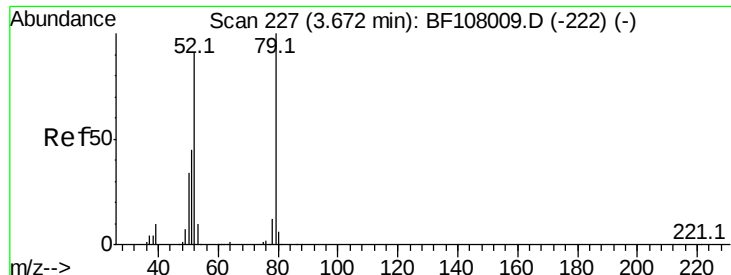


#2

1,4-Dioxane
Concen: 30.910 ng
RT: 2.91 min Scan# 98
Delta R.T. 0.01 min
Lab File: BF108251.D
Acq: 17 Aug 2018 18:55

Tgt Ion	Ratio	Lower	Upper
88	100		
58	87.3	62.6	93.8
43	34.4	24.6	37.0





#3

Pvridine

Concen: 33.204 ng

RT: 3.70 min Scan# 231

Delta R.T. 0.02 min

Lab File: BF108251.D

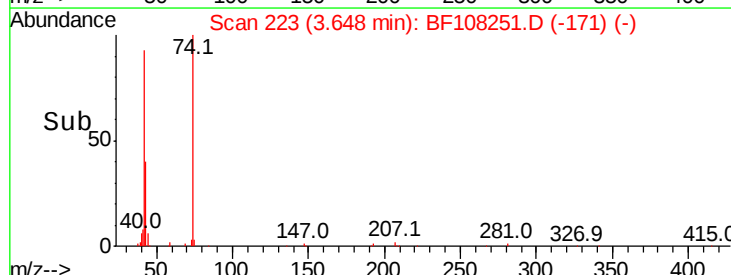
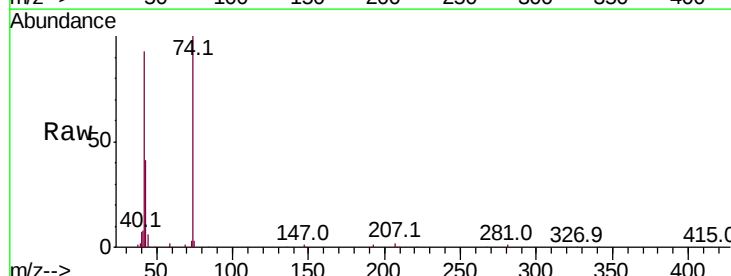
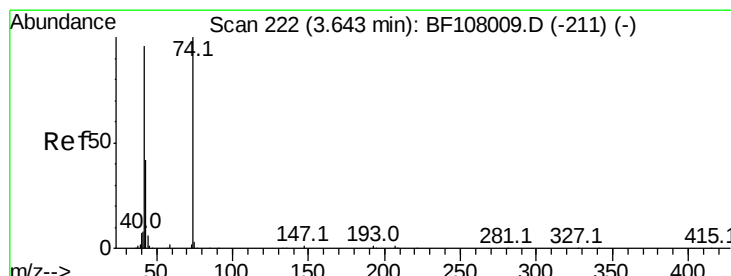
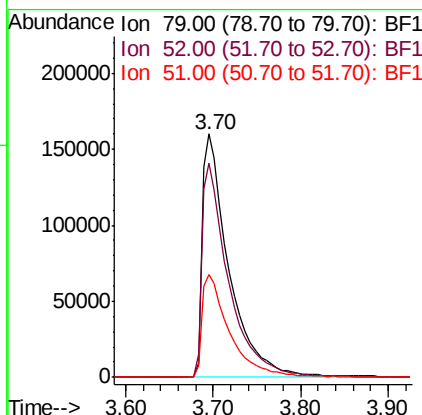
Acq: 17 Aug 2018 18:55

Tot Ion	Ratio	Lower	Upper
79	100		
52	87.9	59.8	89.6
51	42.4	29.8	44.8

Instrument :
BNA_F
ClientSampleId :
RA-081318-FL-020MS

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#4

n-Nitrosodimethylamine

Concen: 35.073 ng

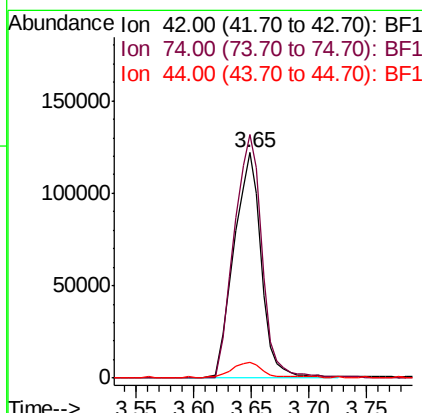
RT: 3.65 min Scan# 223

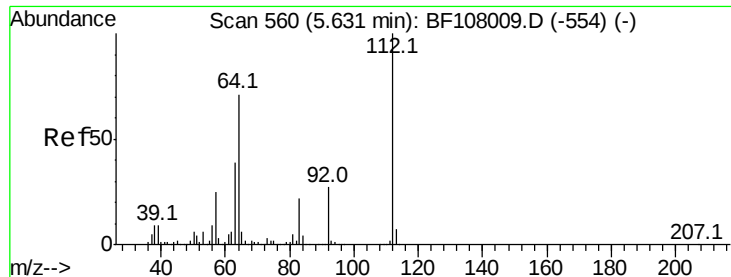
Delta R.T. 0.01 min

Lab File: BF108251.D

Acq: 17 Aug 2018 18:55

Tgt Ion	Ratio	Lower	Upper
42	100		
74	107.9	104.9	157.3
44	6.9	6.9	10.3#





#5

2-Fluorophenol

Concen: 131.869 ng

RT: 5.64 min Scan# 562

Delta R.T. 0.01 min

Lab File: BF108251.D

Acq: 17 Aug 2018 18:55

Instrument :

BNA_F

ClientSampleId :

RA-081318-FL-020MS

Tot Ion:112 Resp: 1012355

Ion Ratio Lower Upper

112 100

64 71.0 47.9 71.9

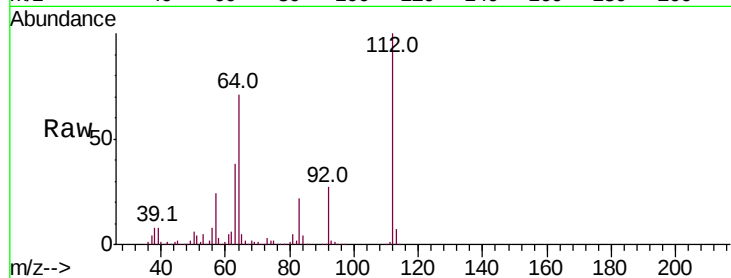
63 38.1 23.7 35.5#

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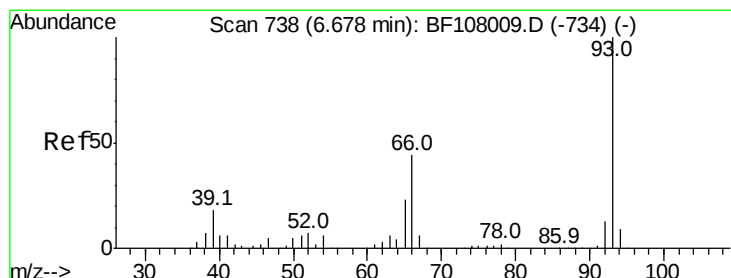
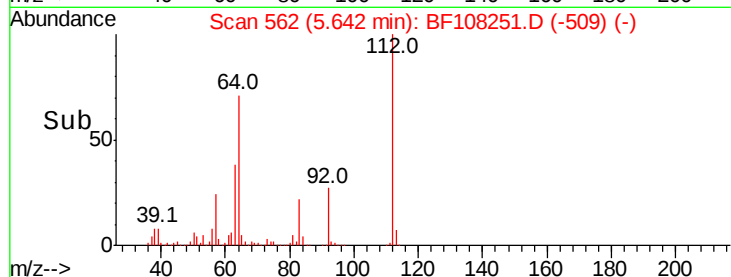
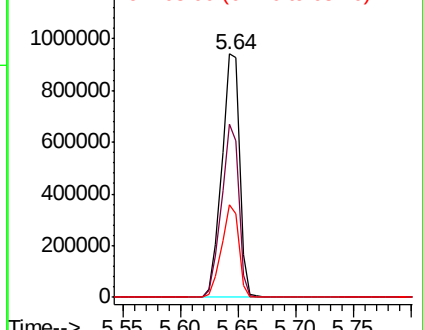
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Abundance Ion 112.00 (111.70 to 112.70): BF1

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 34.956 ng

RT: 6.68 min Scan# 739

Delta R.T. 0.01 min

Lab File: BF108251.D

Acq: 17 Aug 2018 18:55

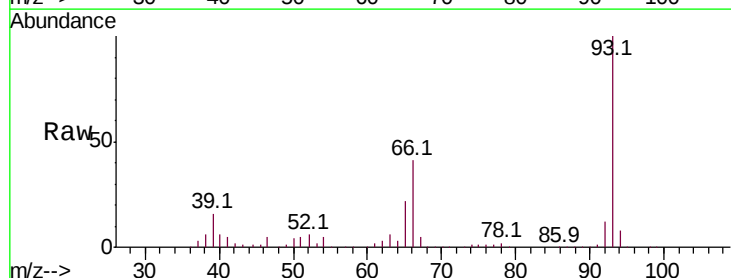
Tgt Ion: 93 Resp: 485061

Ion Ratio Lower Upper

93 100

66 41.5 32.2 48.2

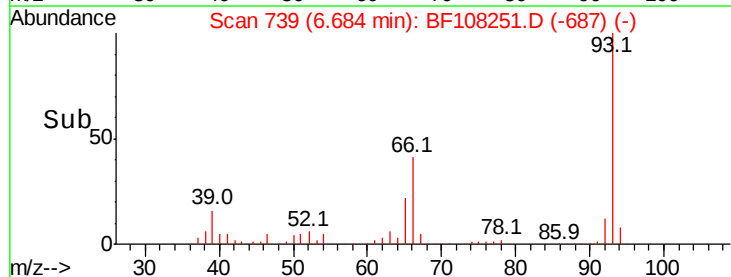
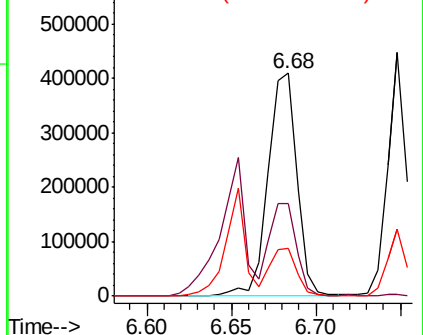
65 21.6 16.4 24.6

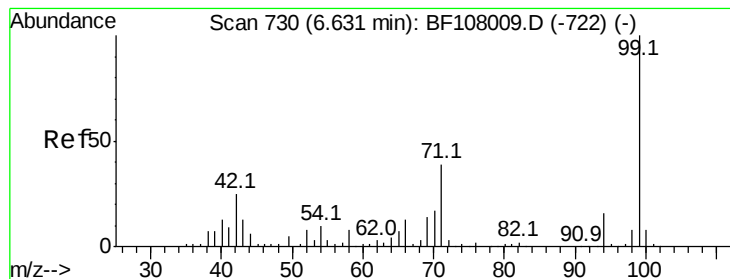


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 132.367 ng

RT: 6.64 min Scan# 732

Delta R.T. 0.01 min

Lab File: BF108251.D

Acq: 17 Aug 2018 18:55

Instrument :

BNA_F

ClientSampleId :

RA-081318-FL-020MS

Tot Ion: 99 Resp: 1350358

Ion Ratio Lower Upper

99 100

42 23.5 14.5 21.7#

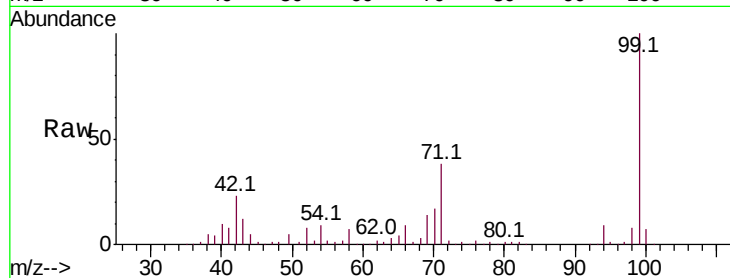
71 37.5 25.4 38.0

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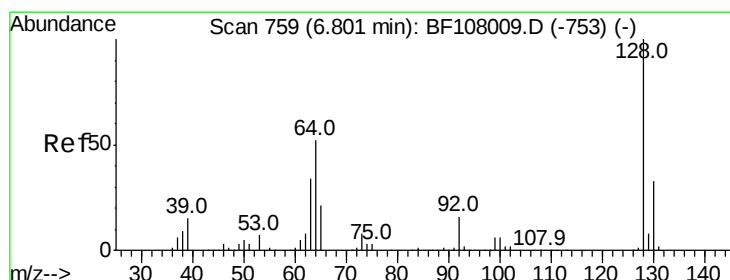
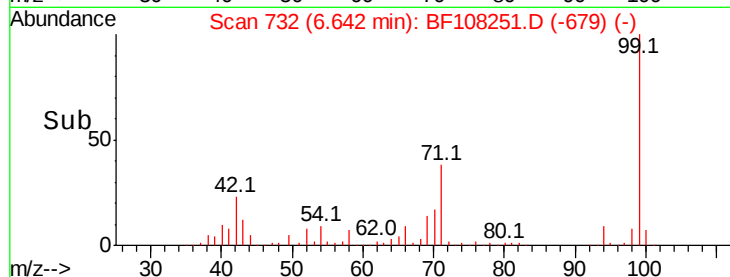
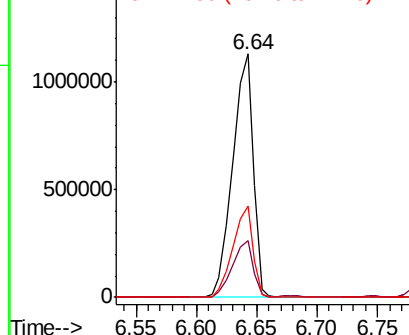
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Abundance Ion 99.00 (98.70 to 99.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 71.00 (70.70 to 71.70): BF1



#8

2-Chlorophenol

Concen: 40.995 ng

RT: 6.80 min Scan# 759

Delta R.T. 0.00 min

Lab File: BF108251.D

Acq: 17 Aug 2018 18:55

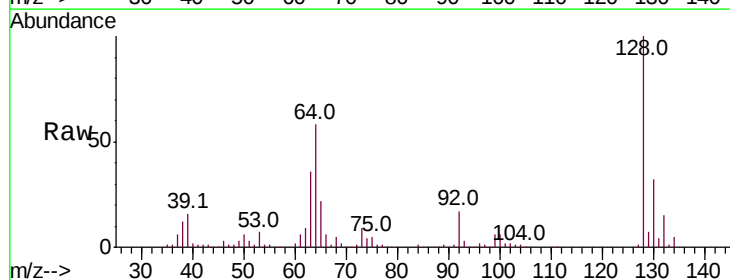
Tgt Ion:128 Resp: 354458

Ion Ratio Lower Upper

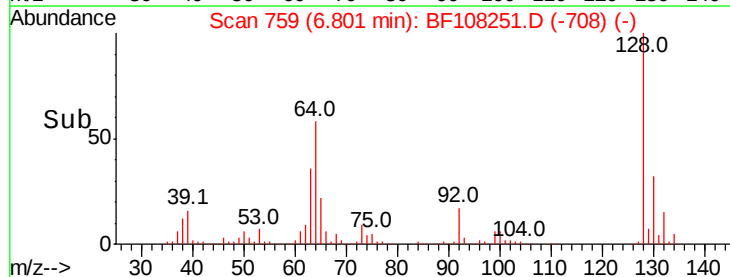
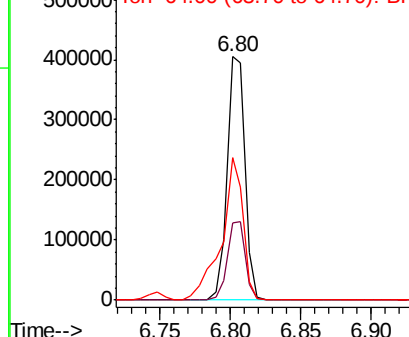
128 100

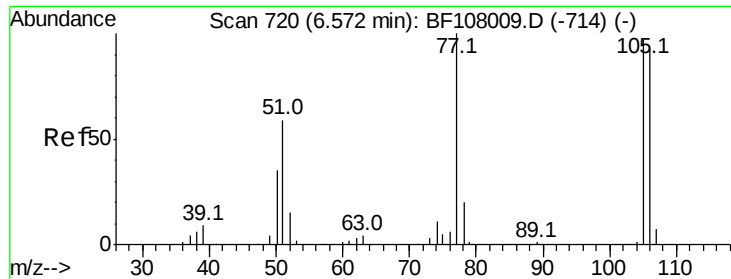
130 31.6 13.0 53.0

64 58.3 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: 25.914 ng

RT: 6.57 min Scan# 720

Delta R.T. 0.00 min

Lab File: BF108251.D

Acq: 17 Aug 2018 18:55

Instrument :

BNA_F

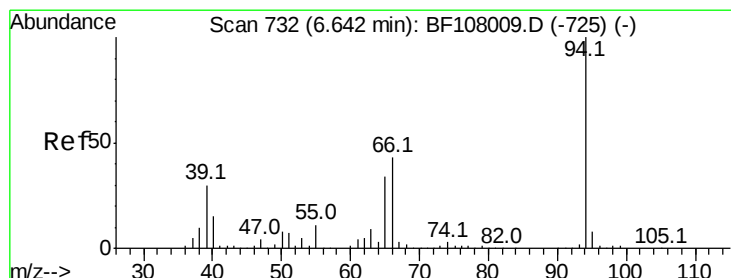
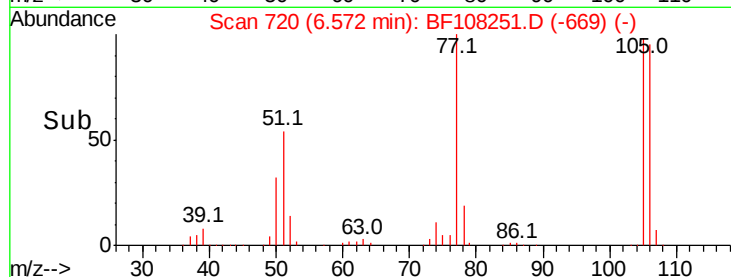
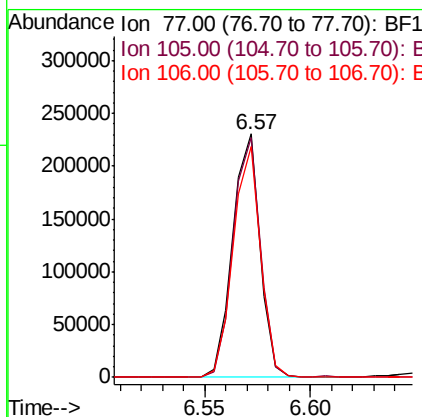
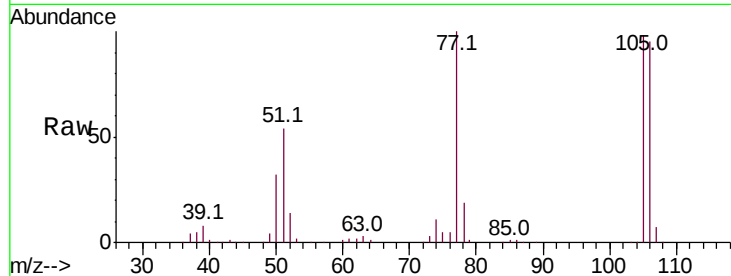
ClientSampleId :

RA-081318-FL-020MS

Tot Ion:	77	Resp:	204967
Ion Ratio	Lower	Upper	
77	100		
105	98.2	81.1	121.1
106	94.7	74.5	114.5

Manual Integrations
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#10

Phenol

Concen: 42.991 ng

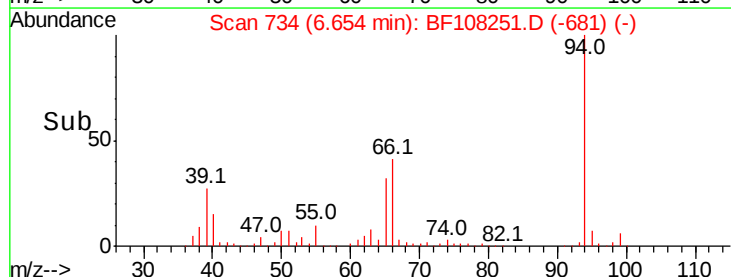
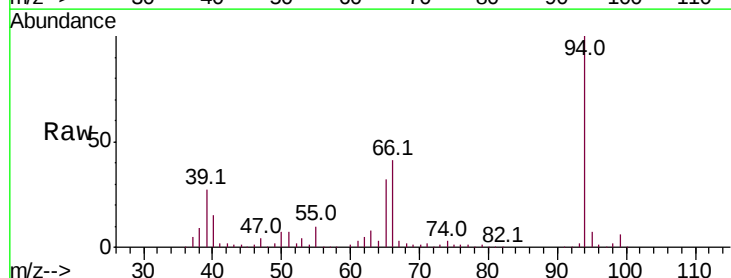
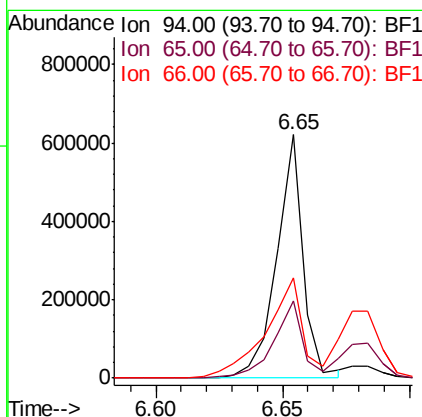
RT: 6.65 min Scan# 734

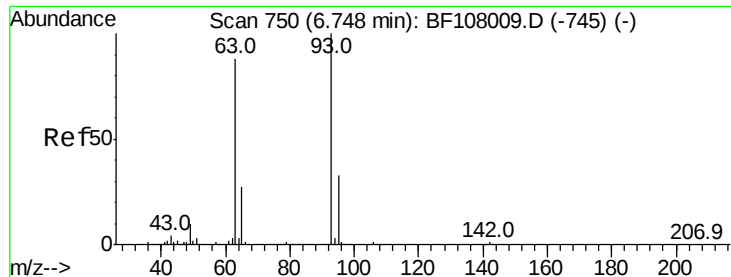
Delta R.T. 0.01 min

Lab File: BF108251.D

Acq: 17 Aug 2018 18:55

Tgt Ion:	94	Resp:	453664
Ion Ratio	Lower	Upper	
94	100		
65	31.7	7.9	47.9
66	41.0	16.2	56.2





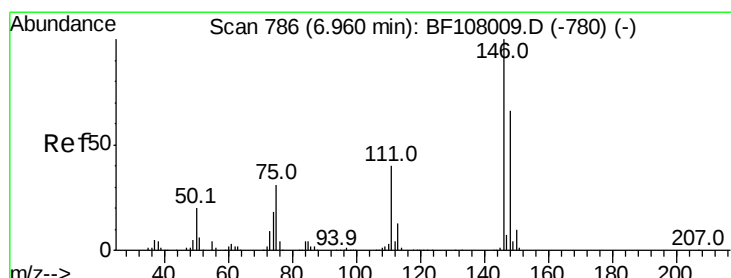
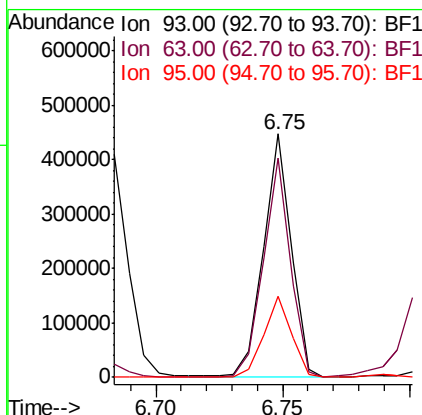
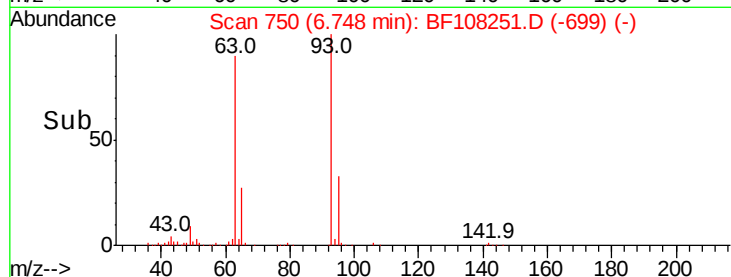
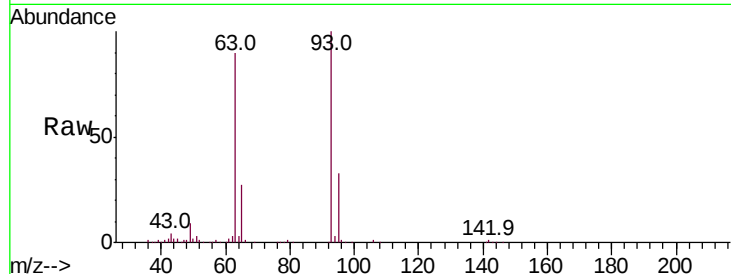
#11
bis(2-Chloroethyl)ether
Concen: 40.028 ng
RT: 6.75 min Scan# 750
Delta R.T. 0.00 min
Lab File: BF108251.D
Acq: 17 Aug 2018 18:55

Instrument :
BNA_F
ClientSampleId :
RA-081318-FL-020MS

Tot Ion	Ratio	Lower	Upper
93	100		
63	89.8	58.6	98.6
95	33.4	11.8	51.8

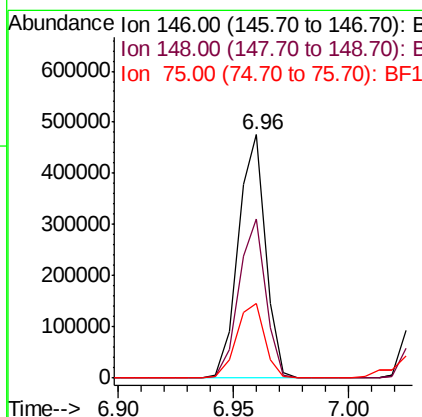
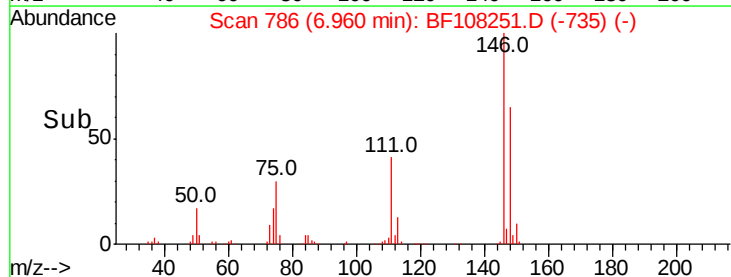
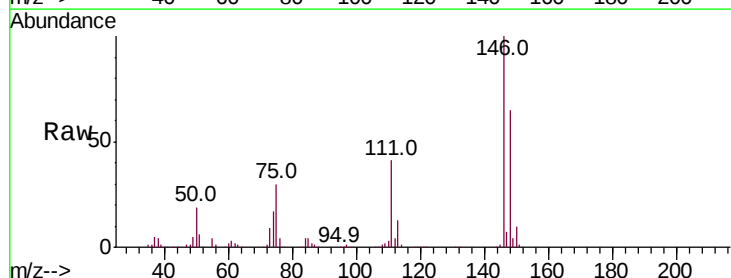
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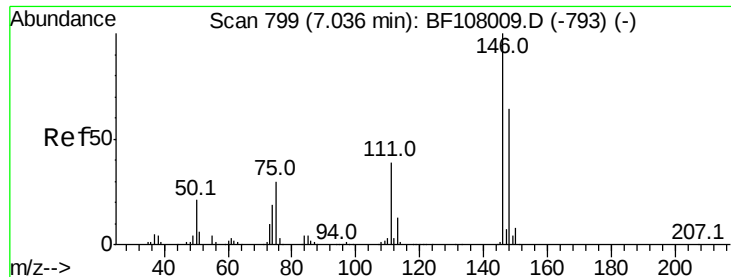
Sohil
8/20/2018 12:48:28 PM



#12
1,3-Dichlorobenzene
Concen: 39.035 ng
RT: 6.96 min Scan# 786
Delta R.T. 0.00 min
Lab File: BF108251.D
Acq: 17 Aug 2018 18:55

Tgt Ion	Ratio	Lower	Upper
146	100		
148	65.3	51.8	77.8
75	30.4	24.2	36.4





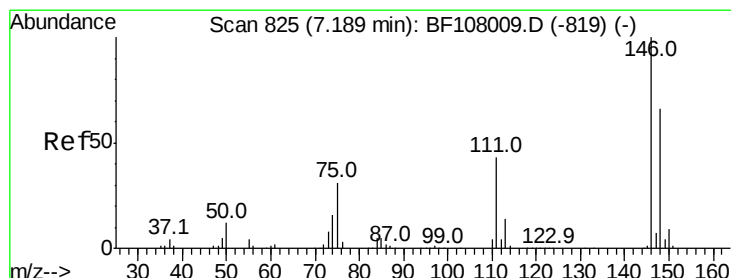
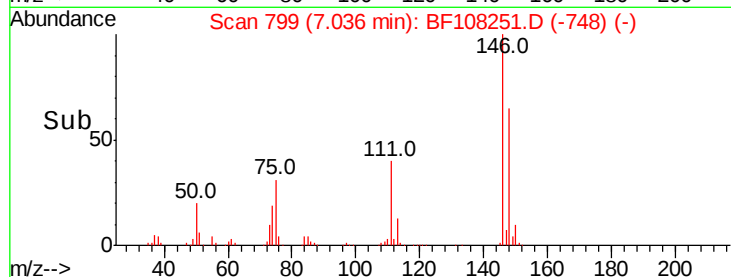
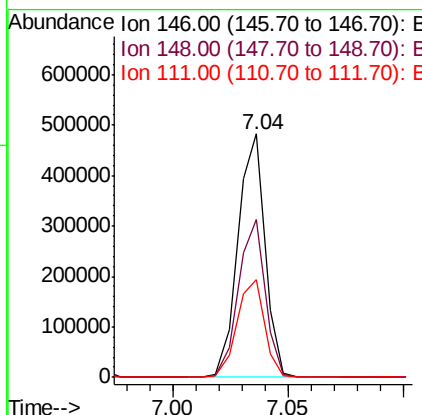
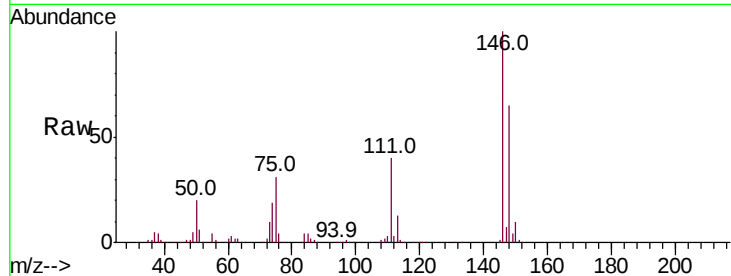
#13
 1,4-Dichlorobenzene
 Concen: 39.235 ng
 RT: 7.04 min Scan# 799
 Delta R.T. 0.00 min
 Lab File: BF108251.D
 Acq: 17 Aug 2018 18:55

Instrument :
 BNA_F
 ClientSampleId :
 RA-081318-FL-020MS

Tot Ion	Ratio	Lower	Upper
146	100		
148	64.6	50.8	76.2
111	39.9	34.2	51.2

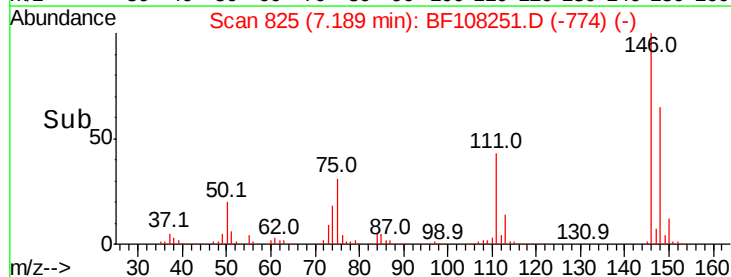
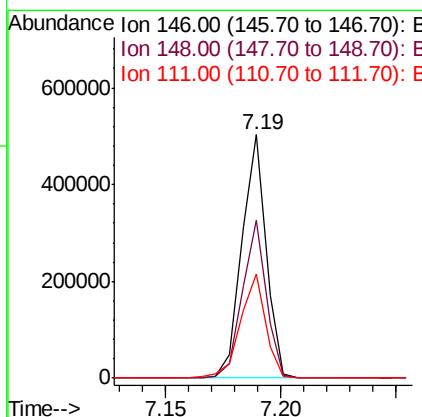
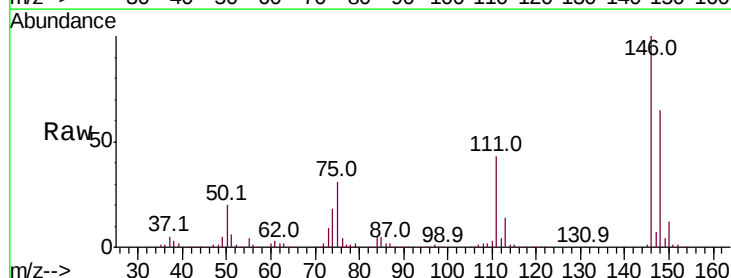
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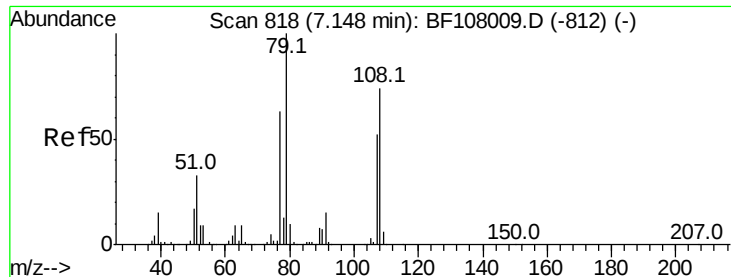
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#14
 1,2-Dichlorobenzene
 Concen: 39.677 ng
 RT: 7.19 min Scan# 825
 Delta R.T. 0.00 min
 Lab File: BF108251.D
 Acq: 17 Aug 2018 18:55

Tgt Ion	Ratio	Lower	Upper
146	100		
148	65.1	50.6	75.8
111	42.9	36.0	54.0





#15

Benzyl Alcohol

Concen: 39.674 ng

RT: 7.15 min Scan# 819

Delta R.T. 0.01 min

Lab File: BF108251.D

Acq: 17 Aug 2018 18:55

Instrument :

BNA_F

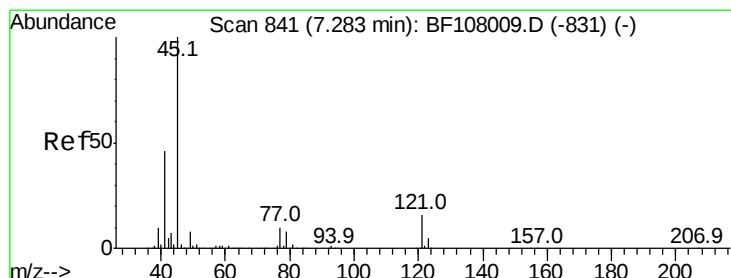
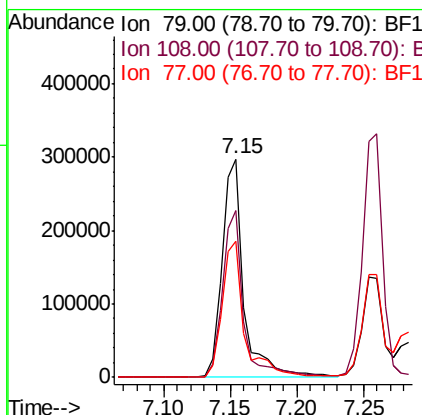
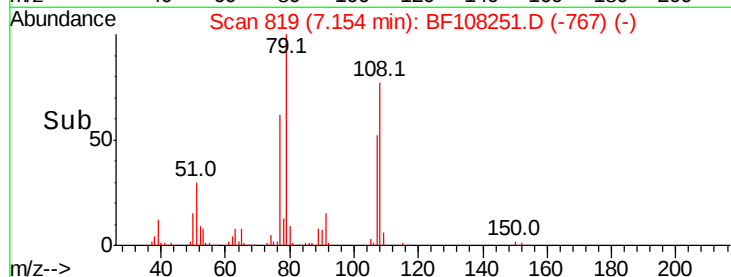
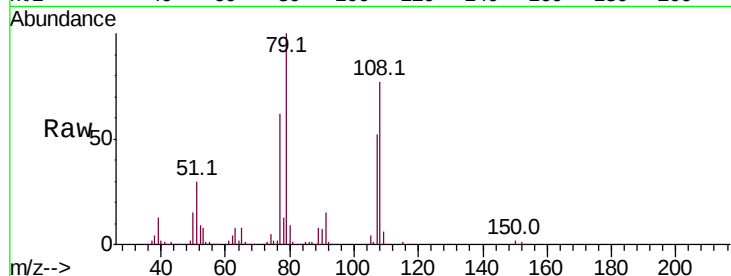
ClientSampleId :

RA-081318-FL-020MS

Tot Ion:	79	Resp:	340727
Ion Ratio	Lower	Upper	
79	100		
108	76.6	65.1	97.7
77	62.2	50.6	75.8

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#16

2,2'-oxybis(1-Chloropropane)

Concen: 38.111 ng

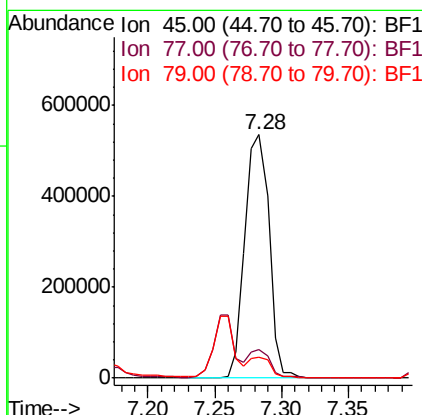
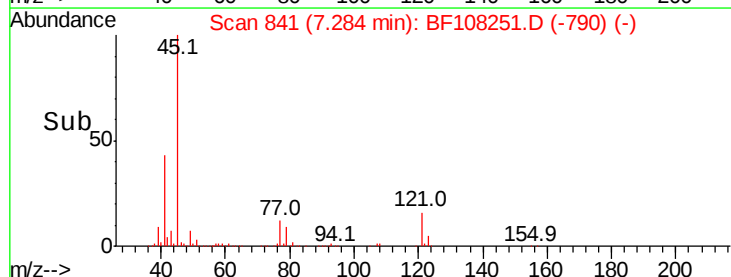
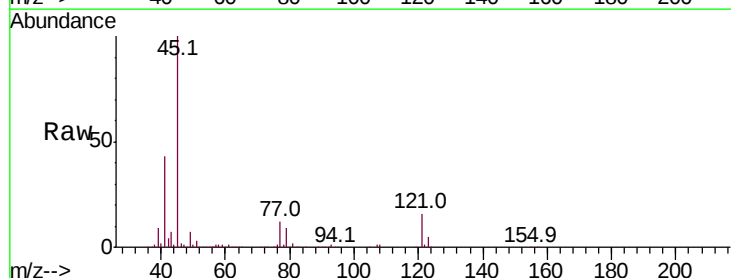
RT: 7.28 min Scan# 841

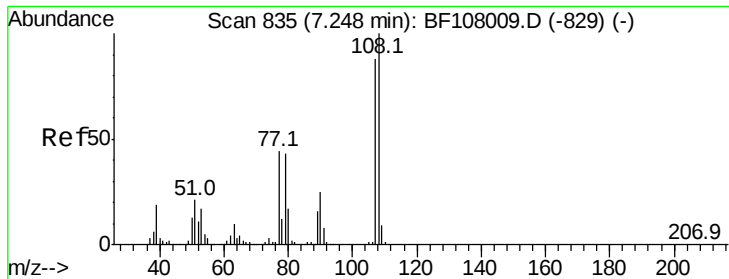
Delta R.T. 0.00 min

Lab File: BF108251.D

Acq: 17 Aug 2018 18:55

Tgt Ion:	45	Resp:	669797
Ion Ratio	Lower	Upper	
45	100		
77	11.6	0.0	32.9
79	8.8	0.0	29.6





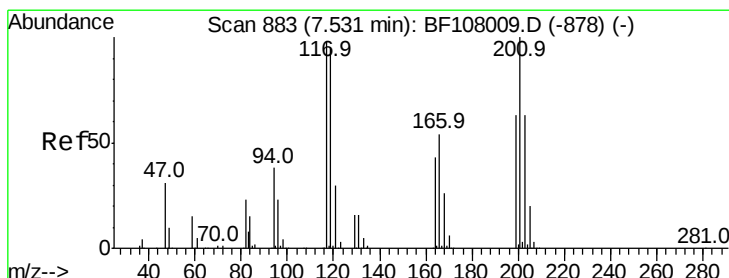
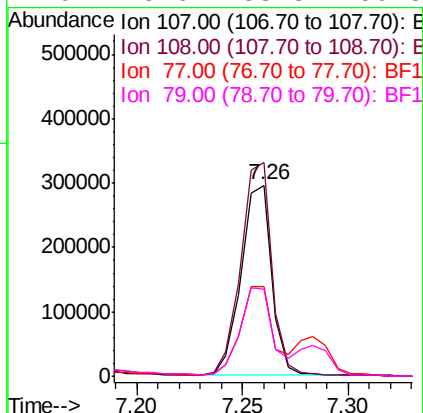
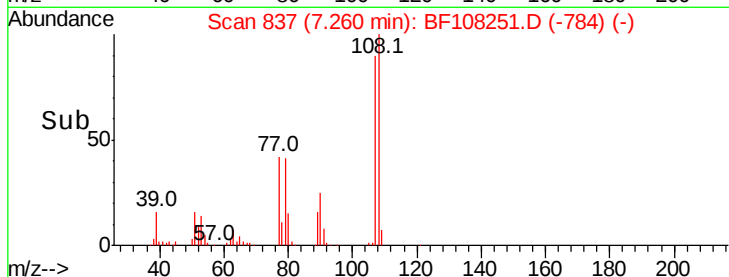
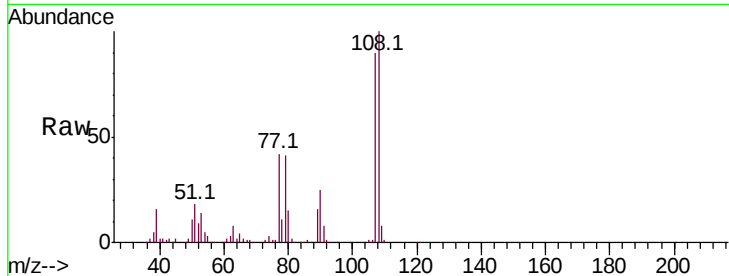
#17
2-Methylphenol
Concen: 40.255 ng
RT: 7.26 min Scan# 837
Delta R.T. 0.01 min
Lab File: BF108251.D
Acq: 17 Aug 2018 18:55

Instrument :
BNA_F
ClientSampleId :
RA-081318-FL-020MS

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	111.7	91.7	137.5	
77	47.2	33.8	50.8	
79	45.6	33.8	50.8	

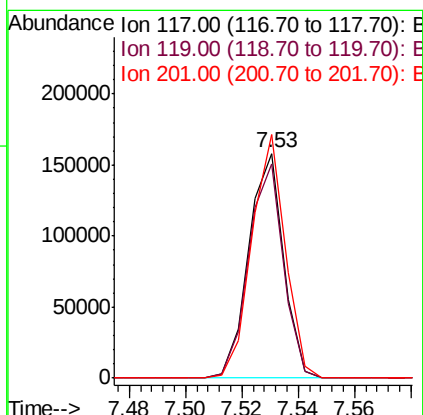
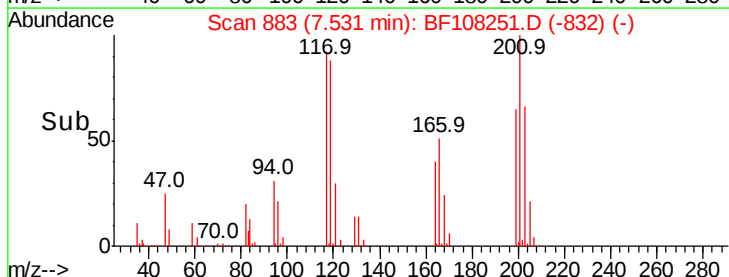
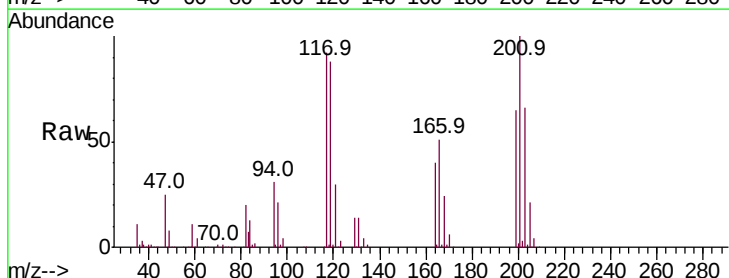
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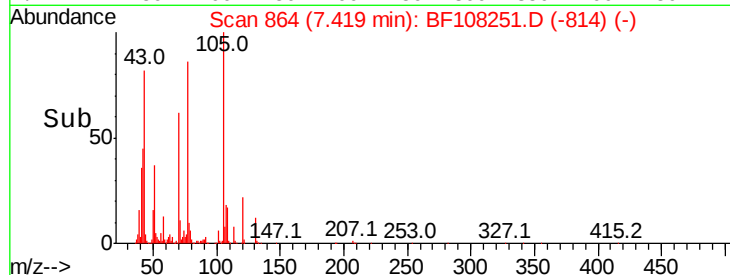
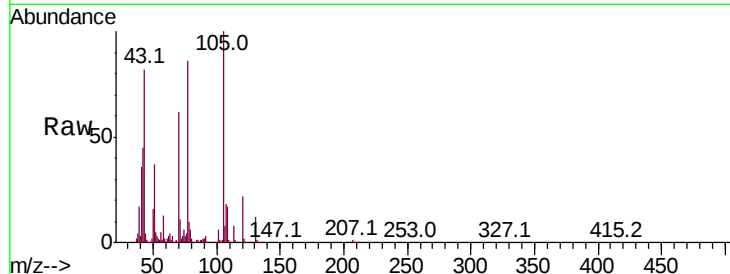
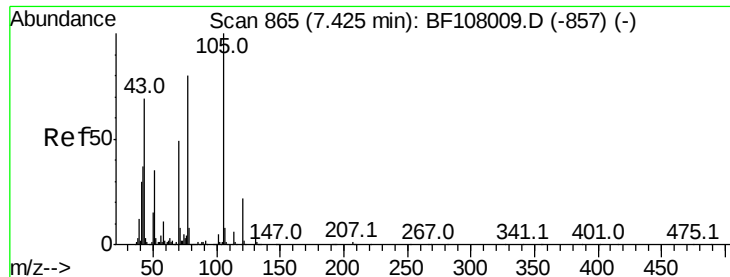
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#18
Hexachloroethane
Concen: 37.726 ng
RT: 7.53 min Scan# 883
Delta R.T. 0.00 min
Lab File: BF108251.D
Acq: 17 Aug 2018 18:55

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	95.3	75.8	113.8	
201	108.5	75.7	113.5	





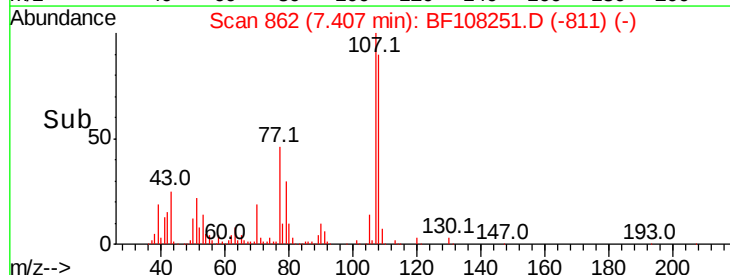
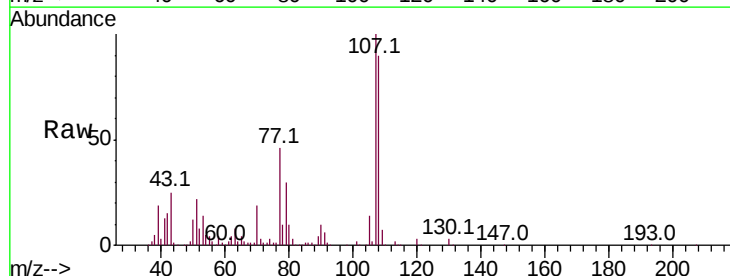
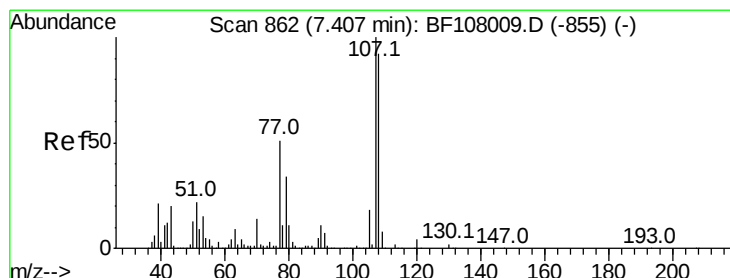
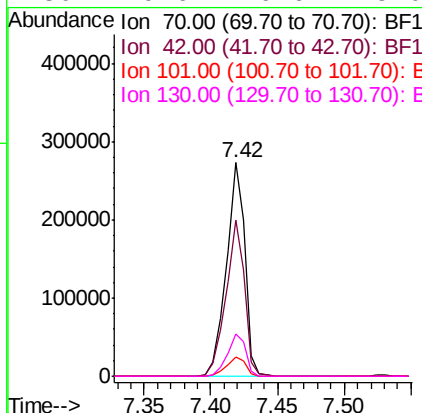
#19
n-Nitroso-di-n-propylamine
Concen: 38.872 ng
RT: 7.42 min Scan# 864
Delta R.T. -0.01 min
Lab File: BF108251.D
Acq: 17 Aug 2018 18:55

Instrument :
BNA_F
ClientSampleId :
RA-081318-FL-020MS

Tot Ion	Ratio	Lower	Upper
70	100		
42	72.9	47.5	71.3#
101	8.9	7.4	11.2
130	19.6	16.6	25.0

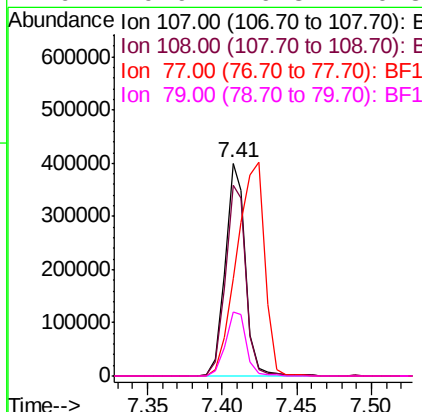
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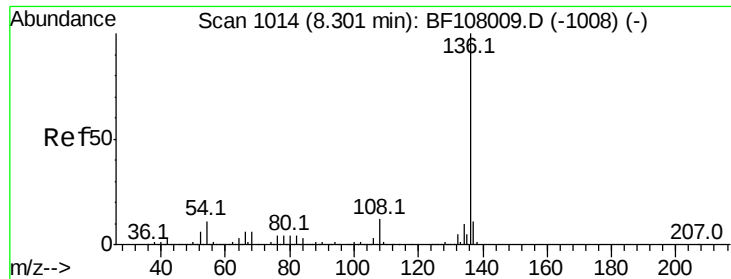
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#20
3+4-Methylphenols
Concen: 40.256 ng
RT: 7.41 min Scan# 862
Delta R.T. 0.00 min
Lab File: BF108251.D
Acq: 17 Aug 2018 18:55

Tgt Ion	Ratio	Lower	Upper
107	100		
108	89.9	68.2	108.2
77	45.6	26.7	66.7
79	29.9	6.3	46.3





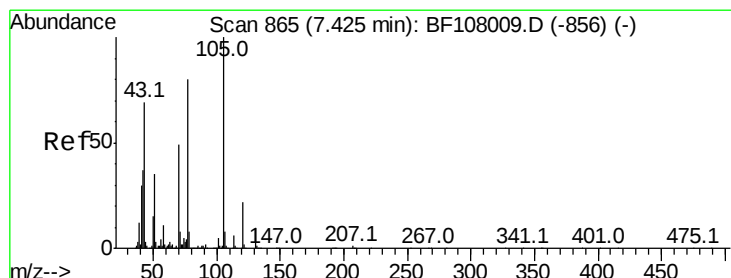
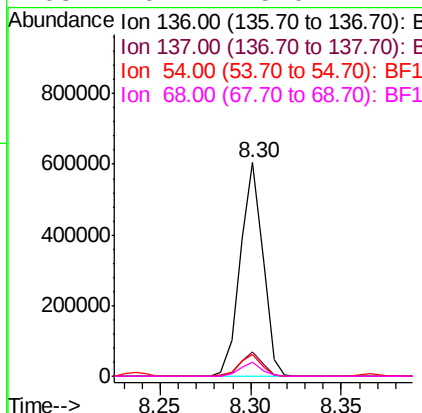
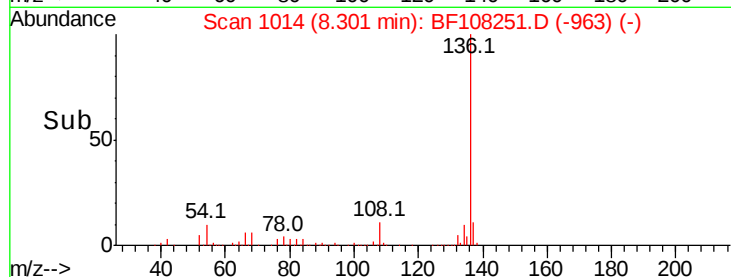
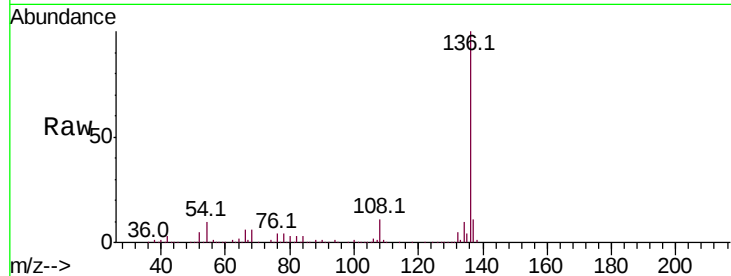
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.30 min Scan# 1014
Delta R.T. 0.00 min
Lab File: BF108251.D
Acq: 17 Aug 2018 18:55

Instrument :
BNA_F
ClientSampleId :
RA-081318-FL-020MS

Tot Ion	Ratio	Resp	Lower	Upper
136	100	522724		
137	11.1	8.9	13.3	
54	10.0	6.6	9.8	
68	6.4	5.0	7.4	

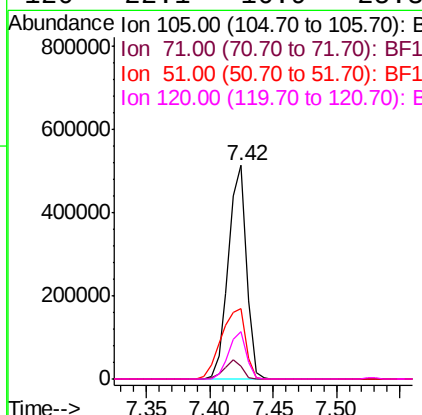
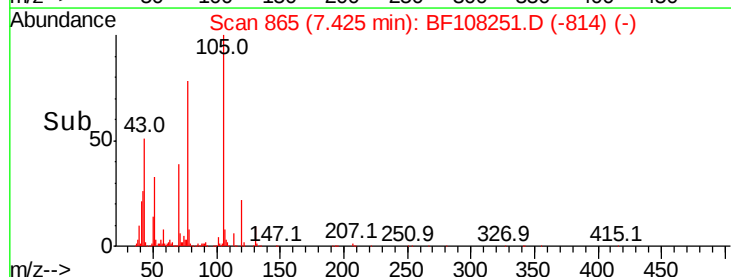
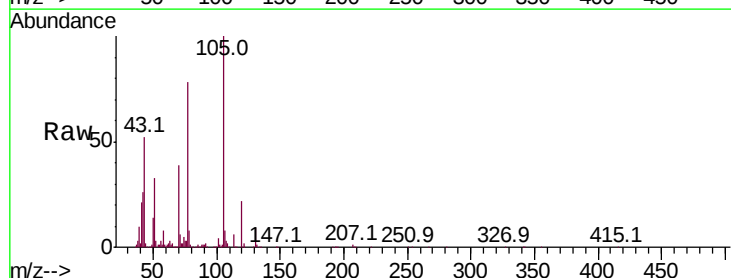
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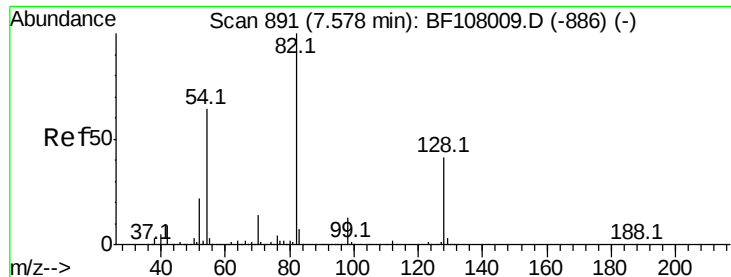
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#22
Acetophenone
Concen: 41.233 ng
RT: 7.42 min Scan# 865
Delta R.T. 0.00 min
Lab File: BF108251.D
Acq: 17 Aug 2018 18:55

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	503981		
71	6.2	4.4	6.6	
51	32.7	22.3	33.5	
120	22.1	16.9	25.3	





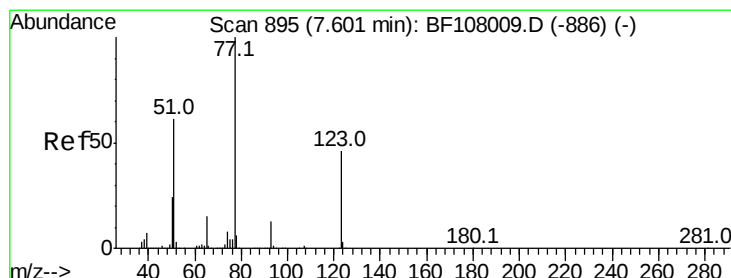
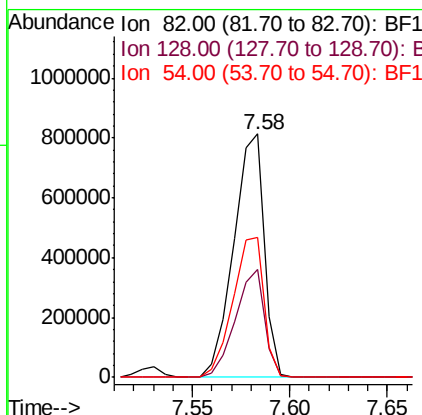
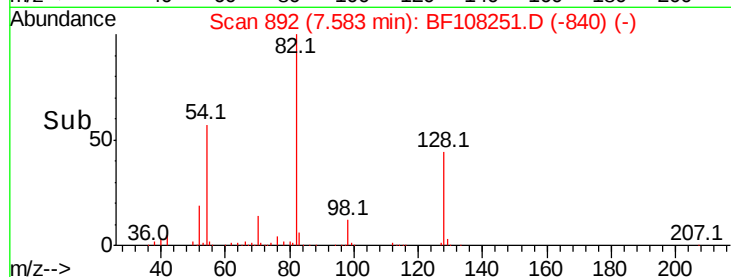
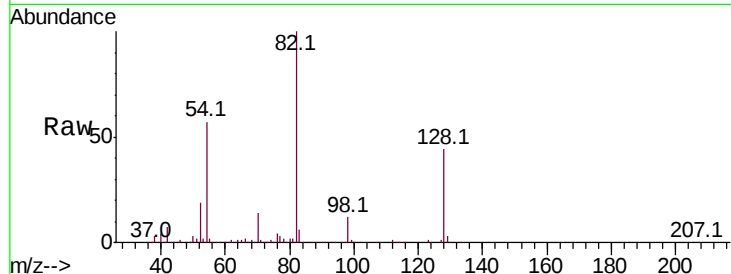
#23
 Nitrobenzene-d5
 Concen: 94.248 ng
 RT: 7.58 min Scan# 892
 Delta R.T. 0.01 min
 Lab File: BF108251.D
 Acq: 17 Aug 2018 18:55

Instrument :
 BNA_F
 ClientSampleId :
 RA-081318-FL-020MS

Tot Ion	Ratio	Lower	Upper
82	100		
128	44.2	36.1	54.1
54	57.2	41.4	62.2

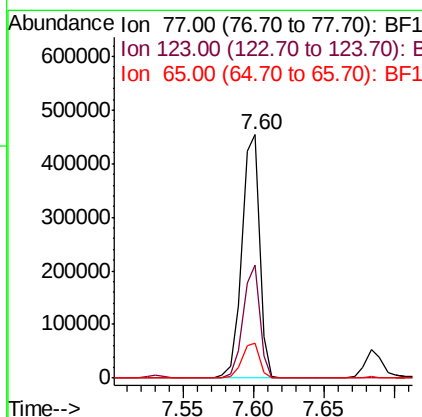
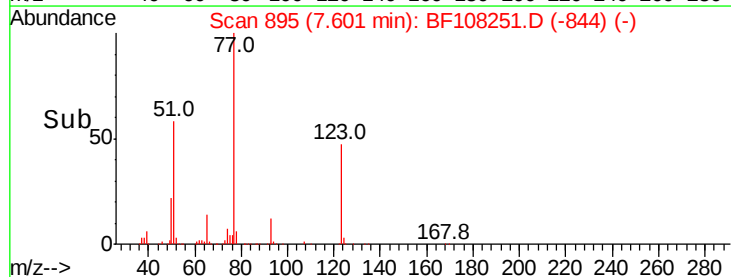
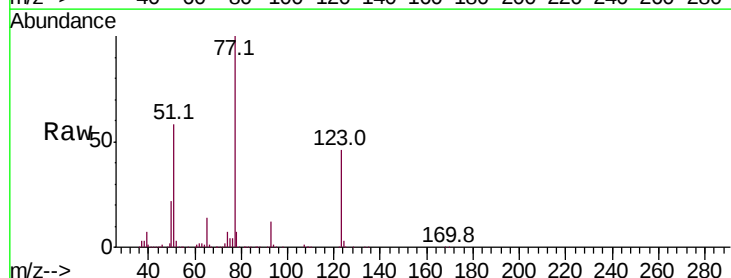
Manual Integrations
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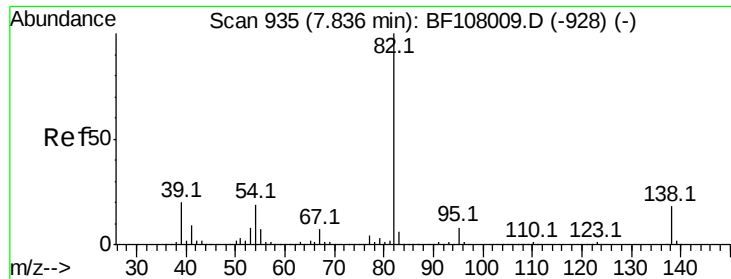
Sohil
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#24
 Nitrobenzene
 Concen: 41.812 ng
 RT: 7.60 min Scan# 895
 Delta R.T. 0.00 min
 Lab File: BF108251.D
 Acq: 17 Aug 2018 18:55

Tgt Ion	Ratio	Lower	Upper
77	100		
123	46.5	37.9	56.9
65	14.3	11.0	16.4





#25

Isophorone

Concen: 40.672 ng

RT: 7.83 min Scan# 934

Delta R.T. -0.01 min

Lab File: BF108251.D

Acq: 17 Aug 2018 18:55

Instrument :

BNA_F

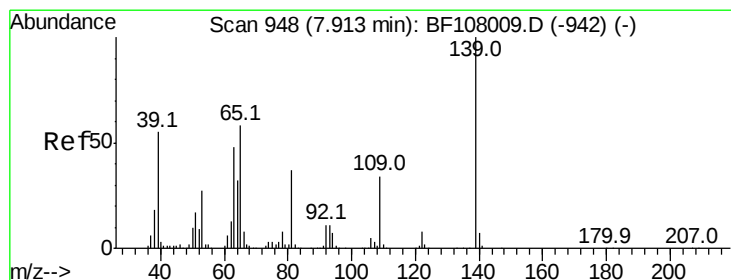
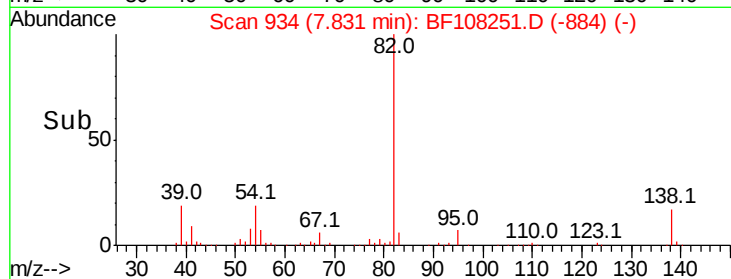
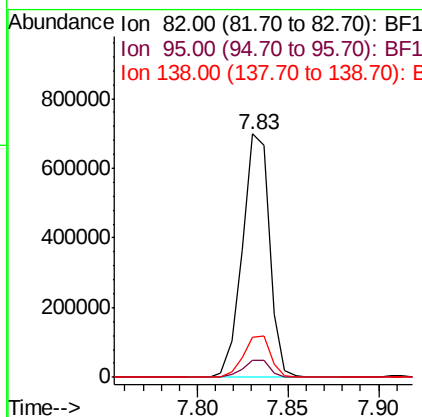
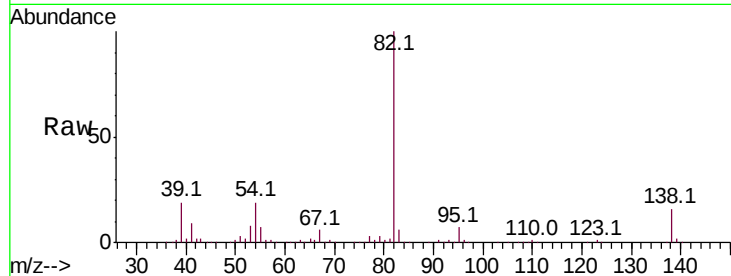
ClientSampleId :

RA-081318-FL-020MS

Tot Ion	82	Resp	726205
Ion Ratio	Lower	Upper	
82	100		
95	7.0	5.2	7.8
138	16.3	14.9	22.3

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#26

2-Nitrophenol

Concen: 45.604 ng

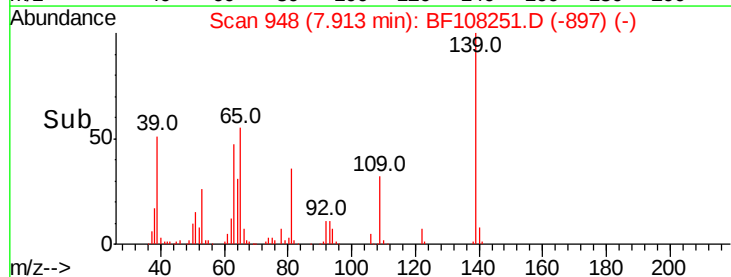
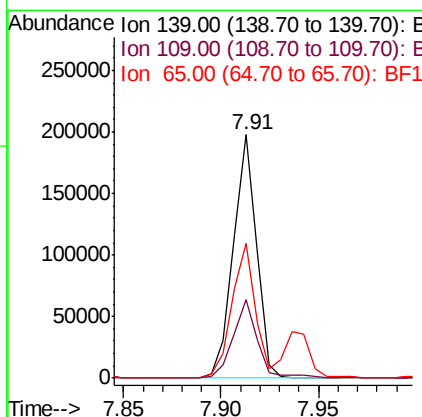
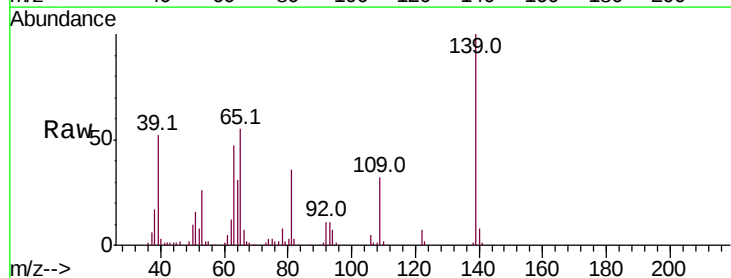
RT: 7.91 min Scan# 948

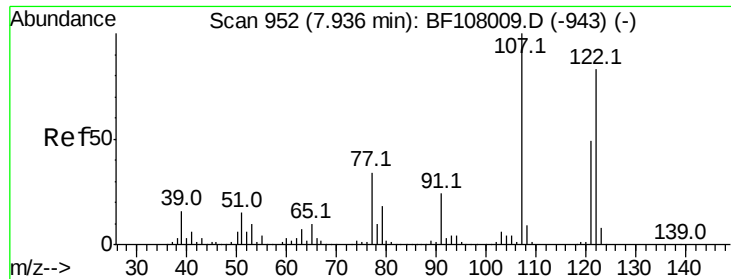
Delta R.T. 0.00 min

Lab File: BF108251.D

Acq: 17 Aug 2018 18:55

Tgt Ion	139	Resp	163141
Ion Ratio	Lower	Upper	
139	100		
109	32.3	22.7	34.1
65	55.3	40.5	60.7





#27

2,4-Dimethylphenol

Concen: 42.053 ng

RT: 7.94 min Scan# 953

Delta R.T. 0.01 min

Lab File: BF108251.D

Acq: 17 Aug 2018 18:55

Instrument :

BNA_F

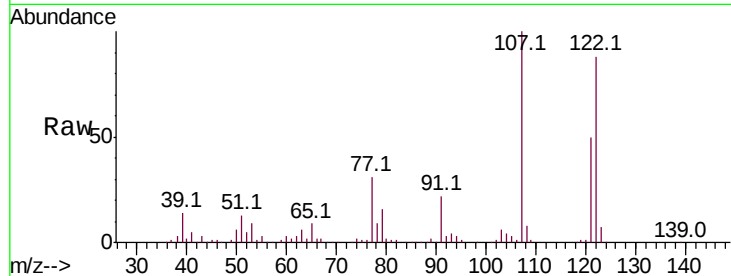
ClientSampleId :

RA-081318-FL-020MS

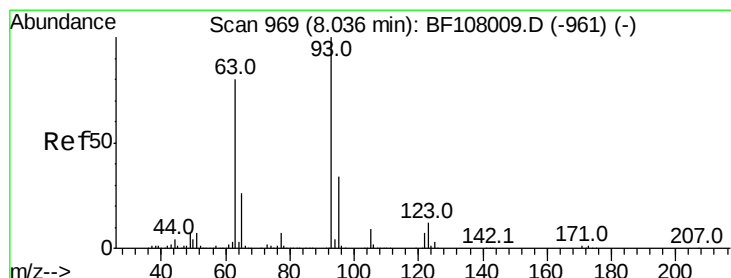
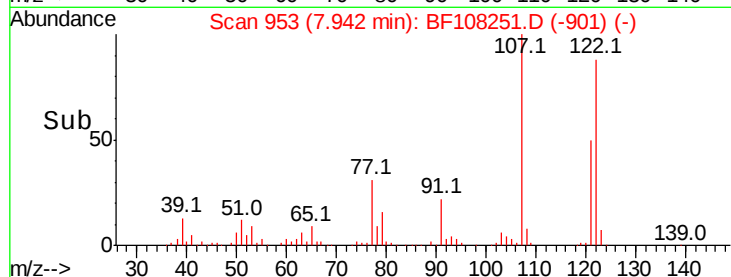
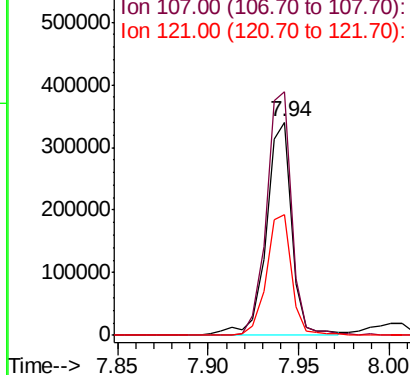
Tot Ion:	122	Resp:	333248
Ion Ratio	Lower	Upper	
122	100		
107	114.1	91.2	136.8
121	56.7	47.2	70.8

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Abundance Ion 122.00 (121.70 to 122.70): E
Ion 107.00 (106.70 to 107.70): E
Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 42.048 ng

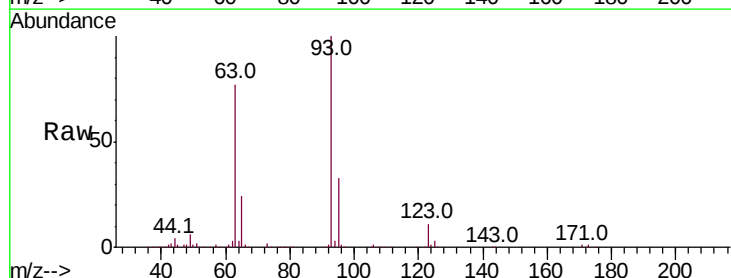
RT: 8.04 min Scan# 969

Delta R.T. 0.00 min

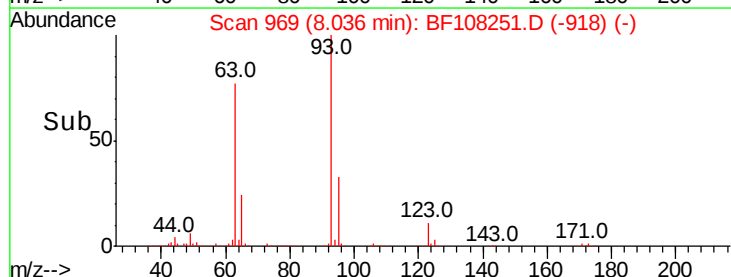
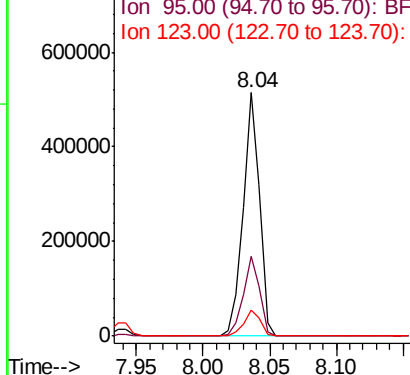
Lab File: BF108251.D

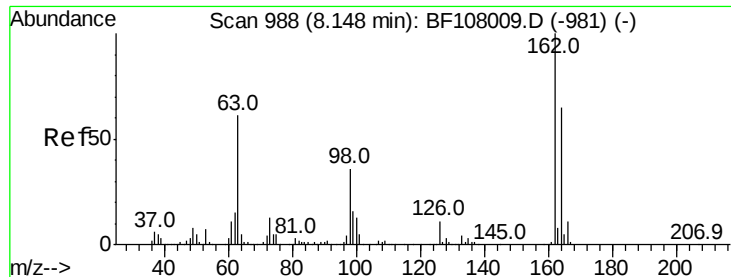
Acq: 17 Aug 2018 18:55

Tgt Ion:	93	Resp:	438279
Ion Ratio	Lower	Upper	
93	100		
95	33.0	26.3	39.5
123	10.9	9.8	14.6



Abundance Ion 93.00 (92.70 to 93.70): BF1
Ion 95.00 (94.70 to 95.70): BF1
Ion 123.00 (122.70 to 123.70): E





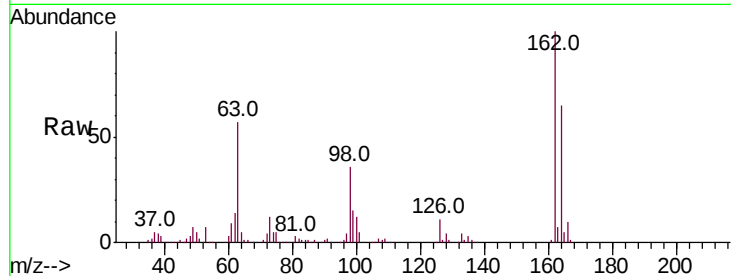
#29
2,4-Dichlorophenol
Concen: 43.081 ng
RT: 8.15 min Scan# 989
Delta R.T. 0.01 min
Lab File: BF108251.D
Acq: 17 Aug 2018 18:55

Instrument :
BNA_F
ClientSampleId :
RA-081318-FL-020MS

Tot Ion	Ratio	Resp	Lower	Upper
162	100	314176		
164	64.6	42.7	82.7	
98	36.2	18.1	58.1	

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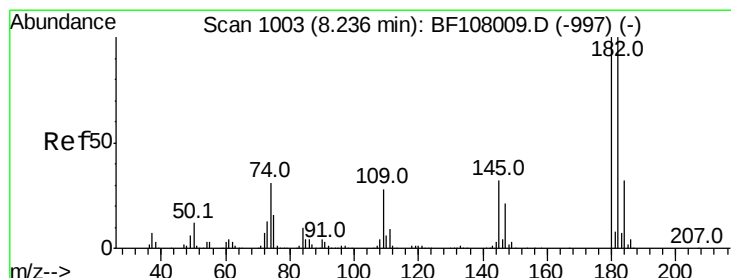
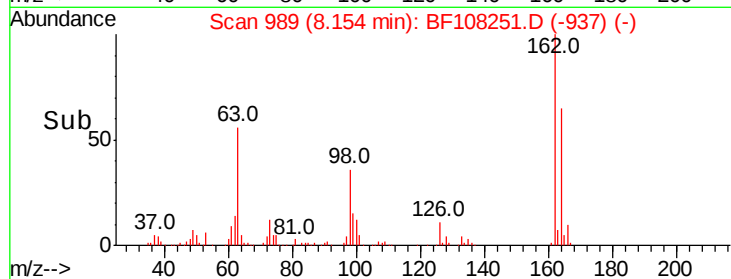
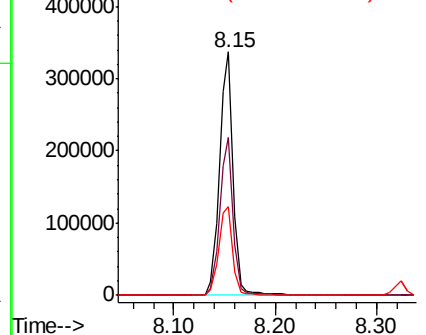


Abundance

Ion 162.00 (161.70 to 162.70): E

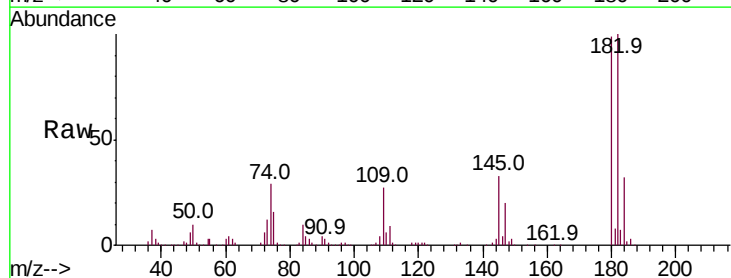
Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BF1



#30
1,2,4-Trichlorobenzene
Concen: 40.825 ng
RT: 8.24 min Scan# 1003
Delta R.T. 0.00 min
Lab File: BF108251.D
Acq: 17 Aug 2018 18:55

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	328252		
182	100.5	76.8	115.2	
145	32.7	26.5	39.7	

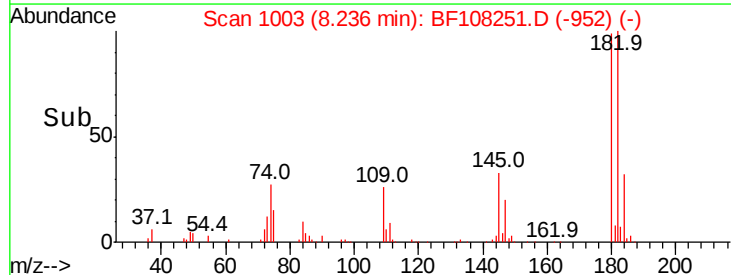
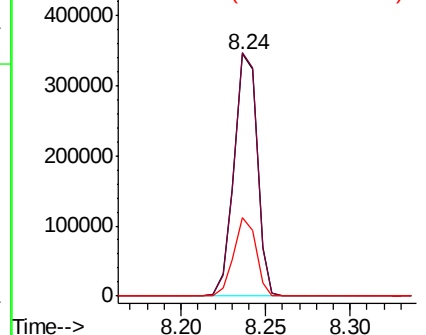


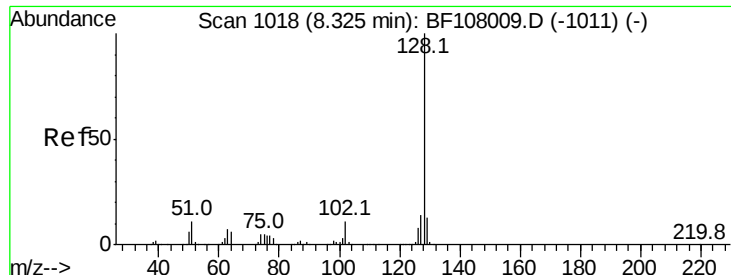
Abundance

Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E





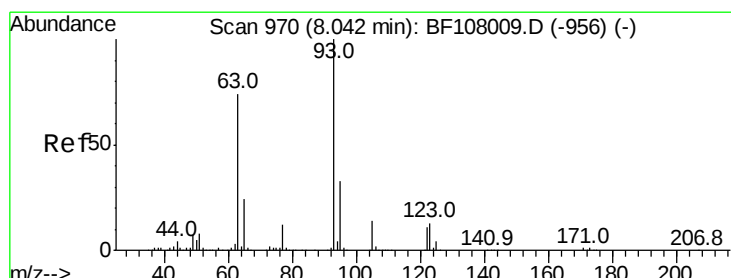
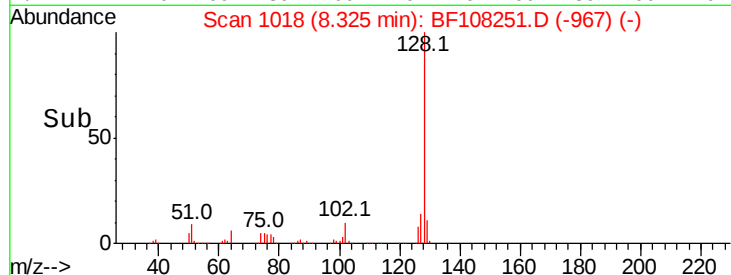
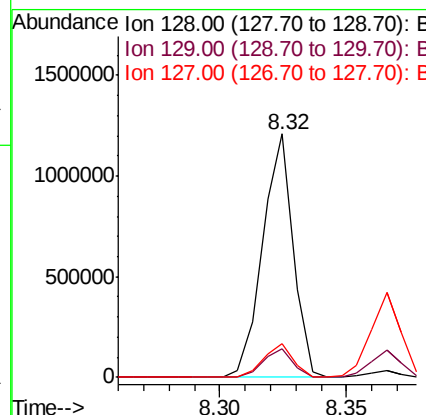
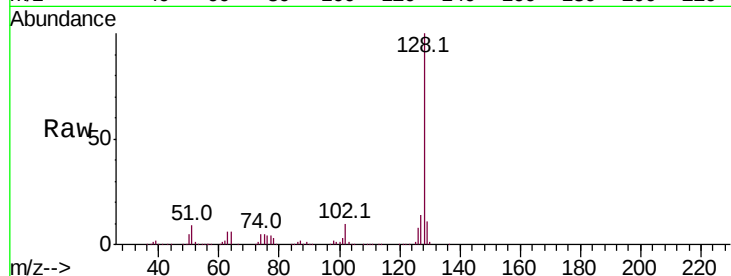
#31
Naphthalene
Concen: 42.659 ng
RT: 8.32 min Scan# 1018
Delta R.T. 0.00 min
Lab File: BF108251.D
Acq: 17 Aug 2018 18:55

Instrument :
BNA_F
ClientSampleId :
RA-081318-FL-020MS

Tot Ion:128 Resp: 1014109
Ion Ratio Lower Upper
128 100
129 11.5 8.8 13.2
127 13.7 10.9 16.3

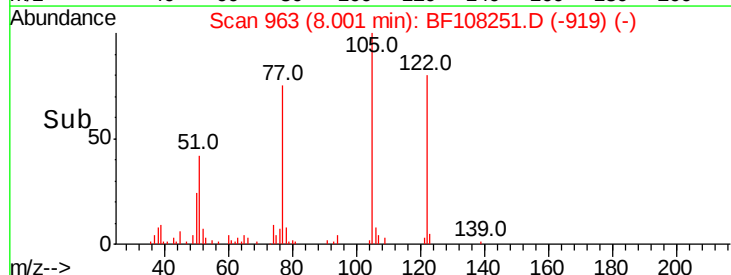
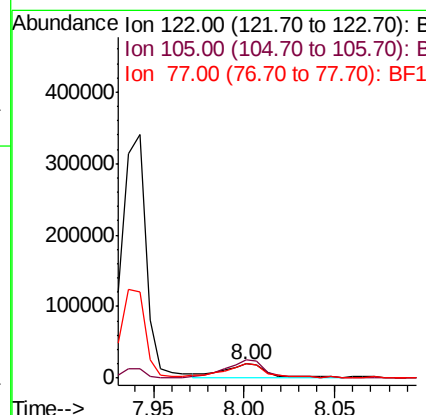
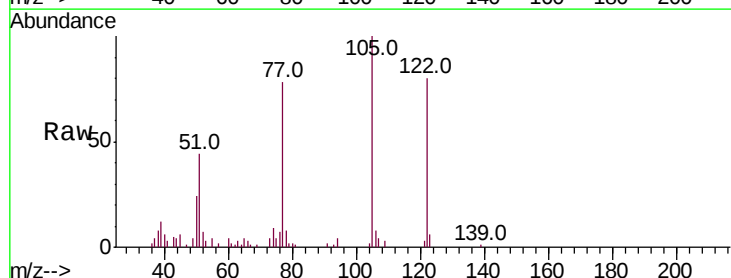
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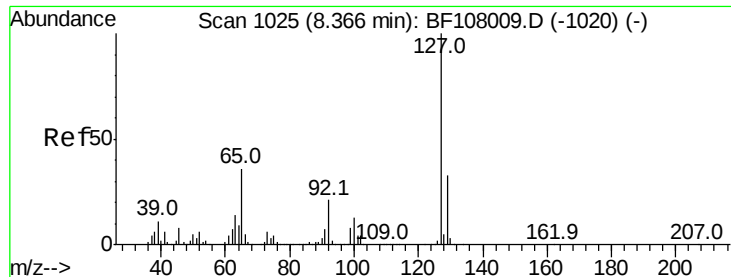
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#32
Benzoic acid
Concen: 11.848 ng
RT: 8.00 min Scan# 963
Delta R.T. -0.04 min
Lab File: BF108251.D
Acq: 17 Aug 2018 18:55

Tgt Ion:122 Resp: 30849
Ion Ratio Lower Upper
122 100
105 125.3 101.1 141.1
77 98.2 70.7 110.7





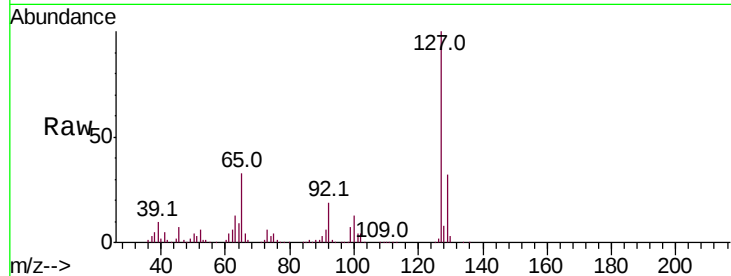
#33
4-Chloroaniline
Concen: 34.497 ng
RT: 8.37 min Scan# 1025
Delta R.T. 0.00 min
Lab File: BF108251.D
Acq: 17 Aug 2018 18:55

Instrument :
BNA_F
ClientSampleId :
RA-081318-FL-020MS

Tot Ion	Ratio	Resp	Lower	Upper
127	100			
129	32.0	25.9	38.9	
65	33.4	25.0	37.4	
92	19.3	15.2	22.8	

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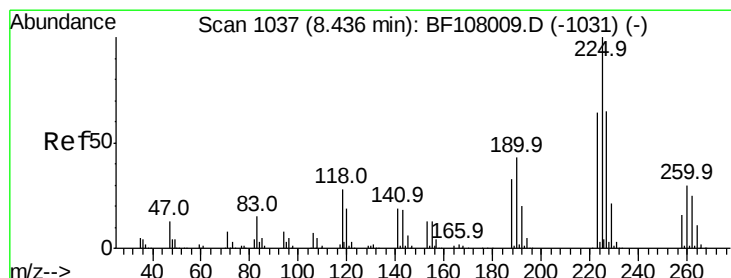
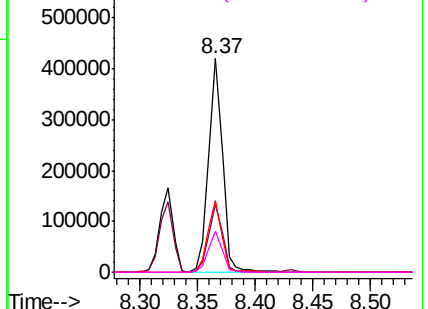
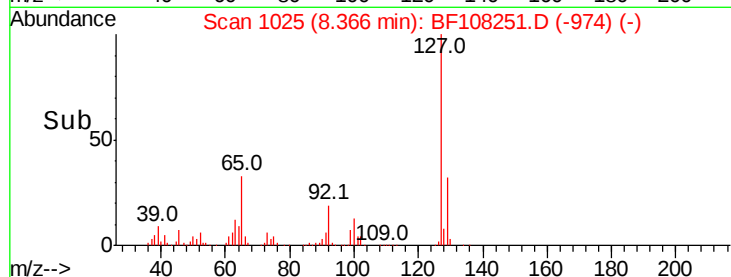
Abundance

Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

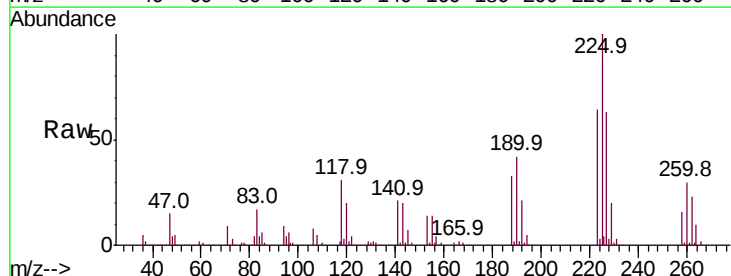
Ion 65.00 (64.70 to 65.70): BF1

Ion 92.00 (91.70 to 92.70): BF1



#34
Hexachlorobutadiene
Concen: 40.606 ng
RT: 8.43 min Scan# 1036
Delta R.T. -0.01 min
Lab File: BF108251.D
Acq: 17 Aug 2018 18:55

Tgt Ion	Ratio	Resp	Lower	Upper
225	100			
223	63.8	50.6	76.0	
227	62.6	51.9	77.9	

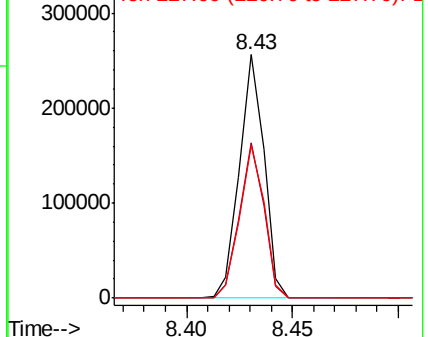
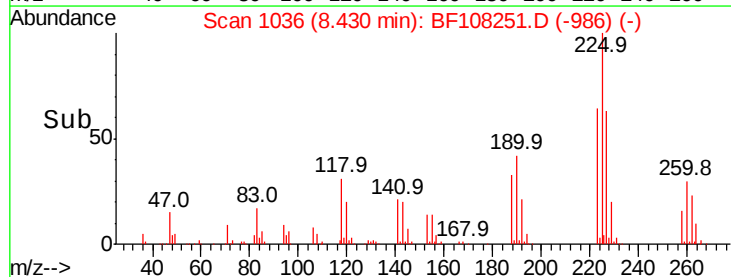


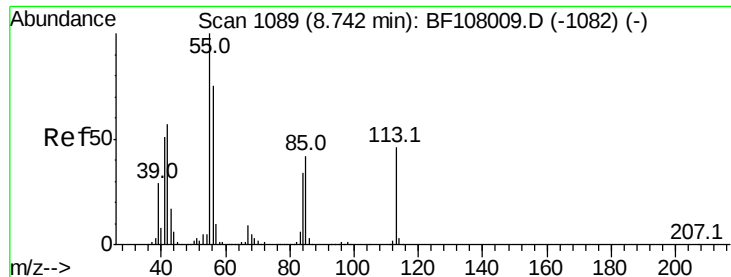
Abundance

Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#35

Caprolactam

Concen: 41.139 ng/ml

RT: 8.73 min Scan# 1087

Delta R.T. -0.01 min

Lab File: BF108251.D

Acq: 17 Aug 2018 18:55

Instrument :

BNA_F

ClientSampleId :

RA-081318-FL-020MS

Tot Ion: 113 Resp: 94016

Ion Ratio Lower Upper

113 100

55 209.9 163.3 203.3#

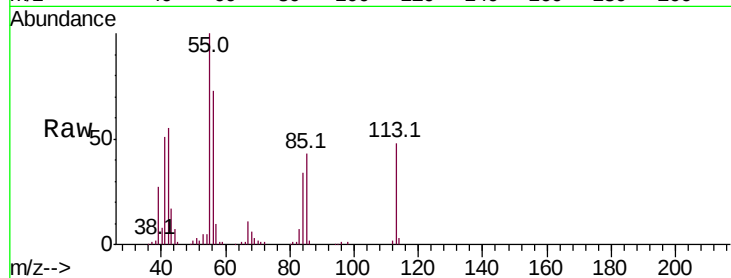
56 154.2 115.7 155.7

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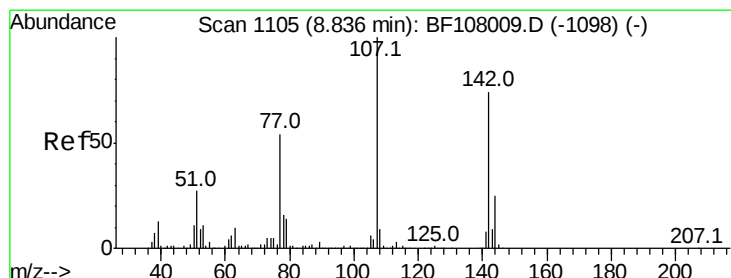
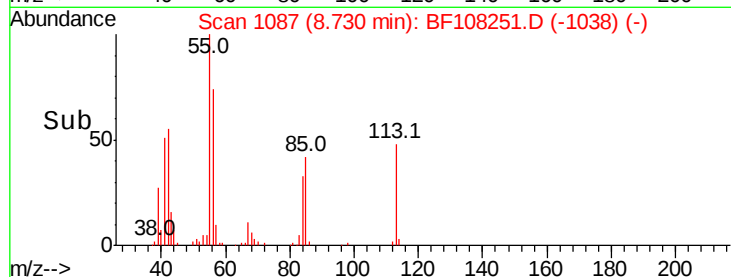
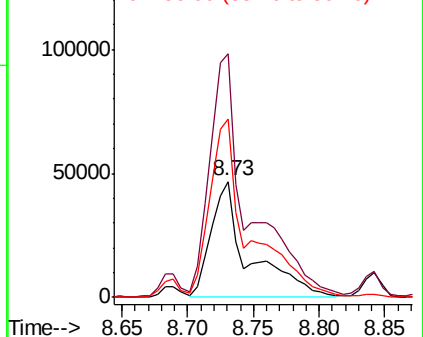
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Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF1

Ion 56.00 (55.70 to 56.70): BF1



#36

4-Chloro-3-methylphenol

Concen: 41.819 ng/ml

RT: 8.84 min Scan# 1106

Delta R.T. 0.01 min

Lab File: BF108251.D

Acq: 17 Aug 2018 18:55

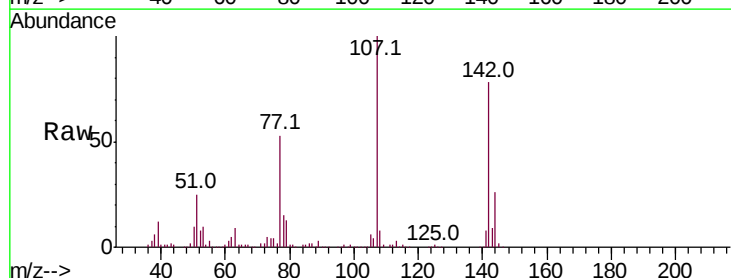
Tgt Ion: 107 Resp: 328998

Ion Ratio Lower Upper

107 100

144 26.4 20.5 30.7

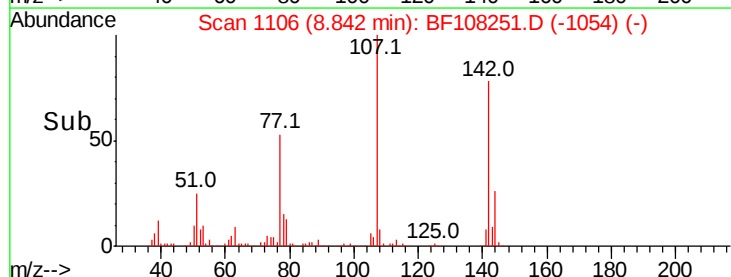
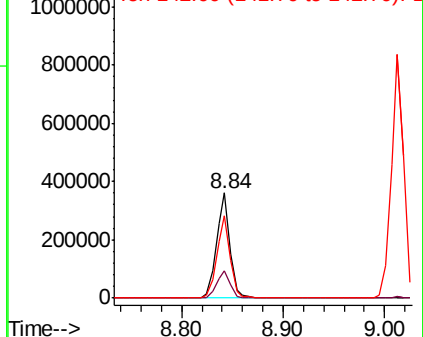
142 78.2 62.0 93.0

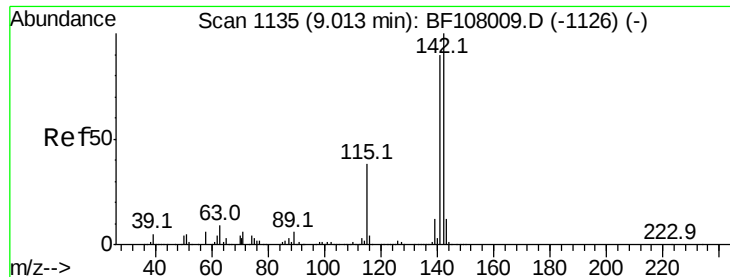


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





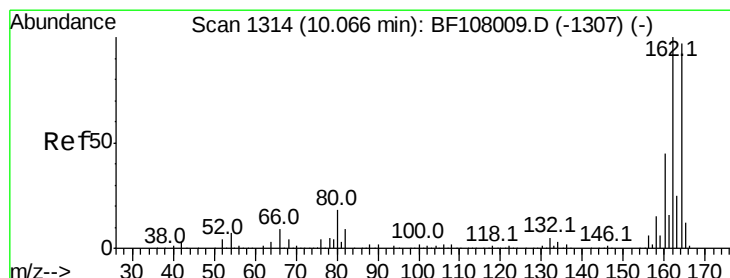
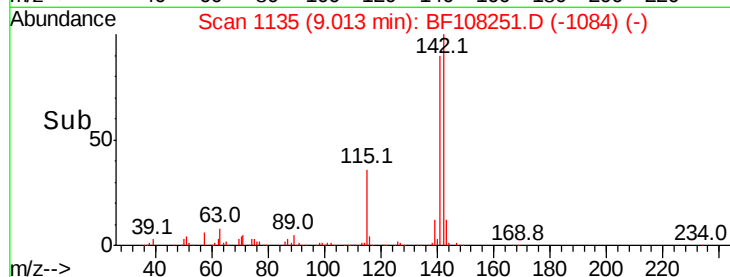
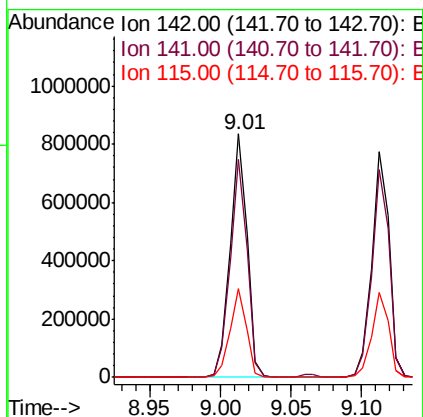
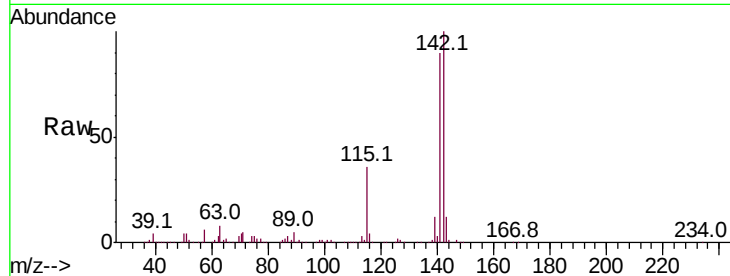
#37
2-Methylnaphthalene
Concen: 41.417 ng
RT: 9.01 min Scan# 1135
Delta R.T. 0.00 min
Lab File: BF108251.D
Acq: 17 Aug 2018 18:55

Instrument :
BNA_F
ClientSampleId :
RA-081318-FL-020MS

Tot Ion	Ratio	Lower	Upper
142	100		
141	89.7	70.8	106.2
115	36.3	26.1	39.1

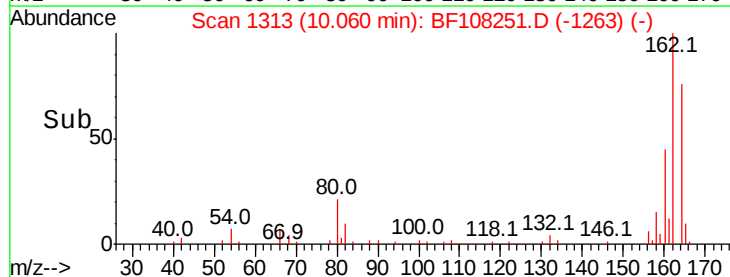
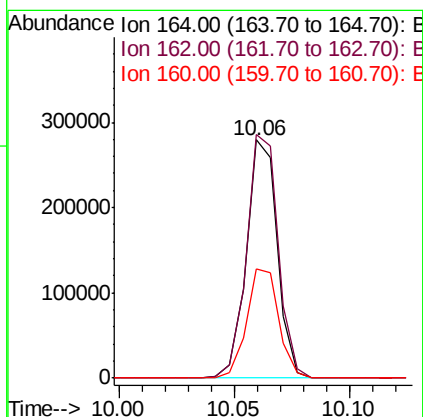
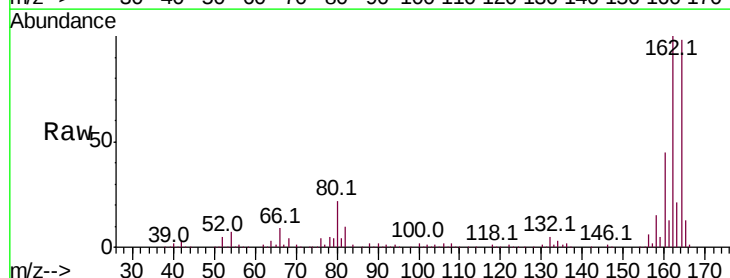
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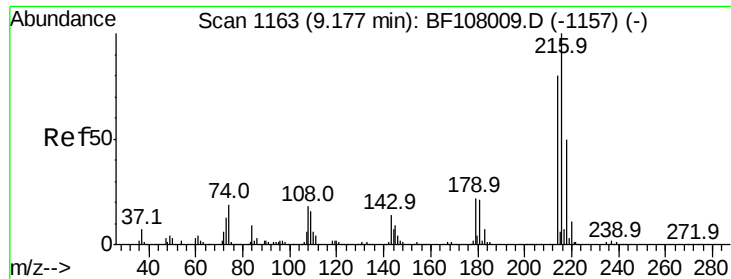
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#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.06 min Scan# 1313
Delta R.T. -0.01 min
Lab File: BF108251.D
Acq: 17 Aug 2018 18:55

Tgt Ion	Ratio	Lower	Upper
164	100		
162	102.3	86.1	129.1
160	45.9	38.3	57.5





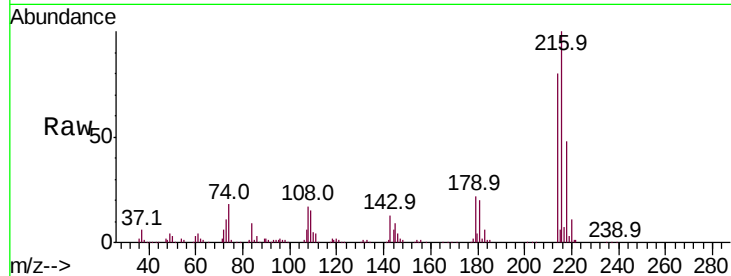
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 44.243 ng
 RT: 9.18 min Scan# 1163
 Delta R.T. 0.00 min
 Lab File: BF108251.D
 Acq: 17 Aug 2018 18:55

Instrument :
 BNA_F
 ClientSampleId :
 RA-081318-FL-020MS

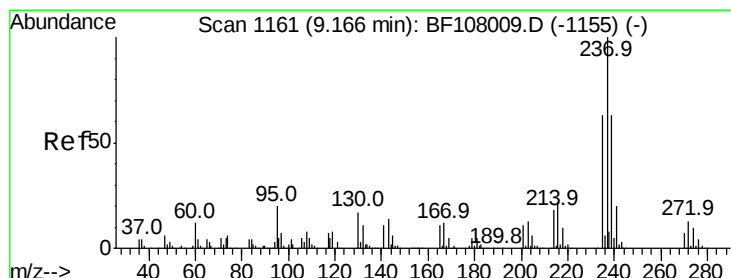
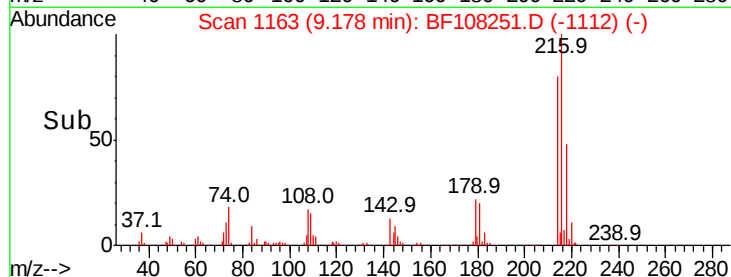
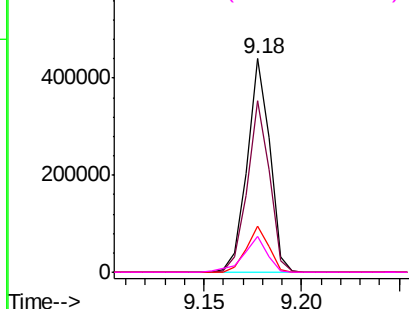
Tot Ion	Ratio	Resp	Lower	Upper
216	100			
214	78.6	63.0	94.4	
179	21.2	18.1	27.1	
108	17.3	17.2	25.8	

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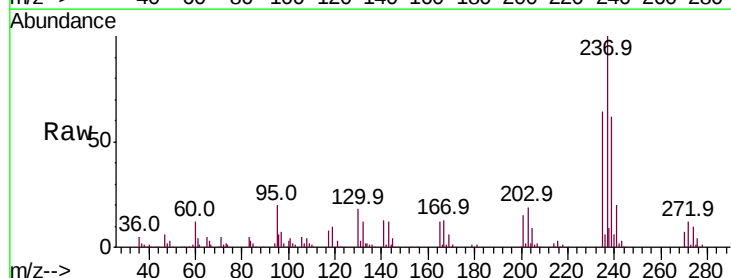


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

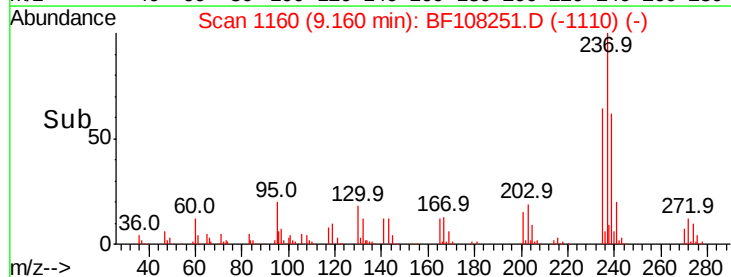
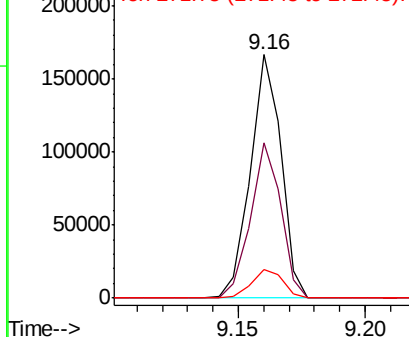


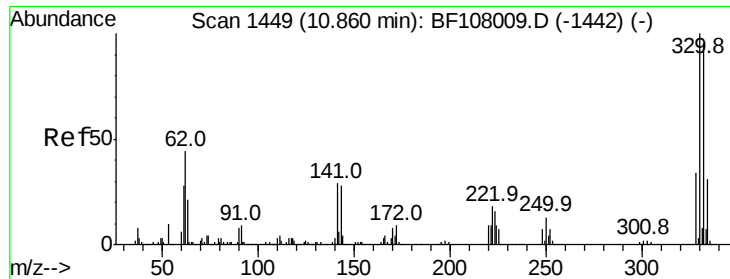
#40
 Hexachlorocyclopentadiene
 Concen: 27.237 ng
 RT: 9.16 min Scan# 1160
 Delta R.T. -0.01 min
 Lab File: BF108251.D
 Acq: 17 Aug 2018 18:55

Tgt Ion	Ratio	Resp	Lower	Upper
237	100			
235	63.7	44.8	84.8	
272	11.8	0.0	33.3	



Abundance Ion 236.80 (236.50 to 237.50): E
 Ion 234.90 (234.60 to 235.60): E
 Ion 271.75 (271.45 to 272.45): E





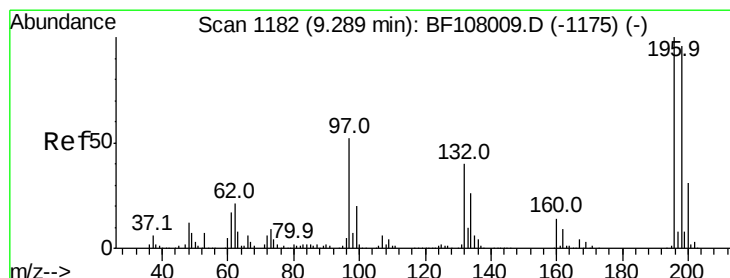
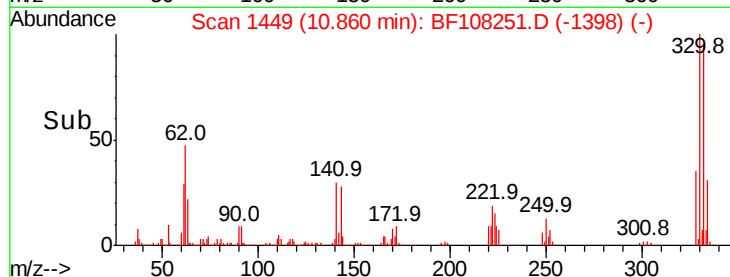
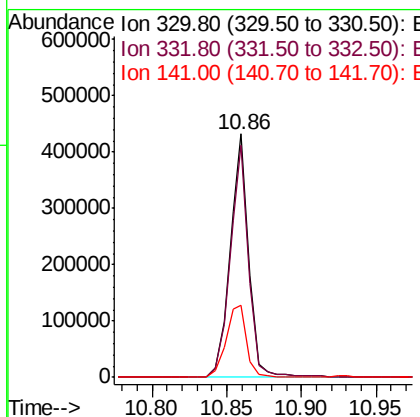
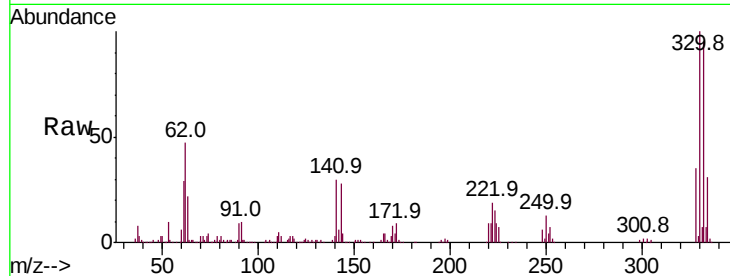
#41
 2,4,6-Tribromophenol
 Concen: 146.435 ng
 RT: 10.86 min Scan# 1449
 Delta R.T. 0.00 min
 Lab File: BF108251.D
 Acq: 17 Aug 2018 18:55

Instrument :
 BNA_F
 ClientSampleId :
 RA-081318-FL-020MS

Tot Ion:	330	Resp:	380536
Ion Ratio	Lower	Upper	
330	100		
332	95.7	77.0	115.6
141	33.1	29.9	44.9

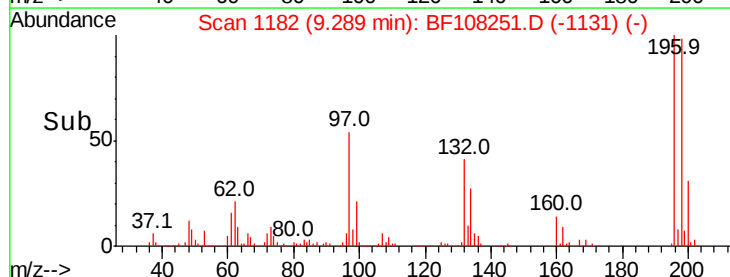
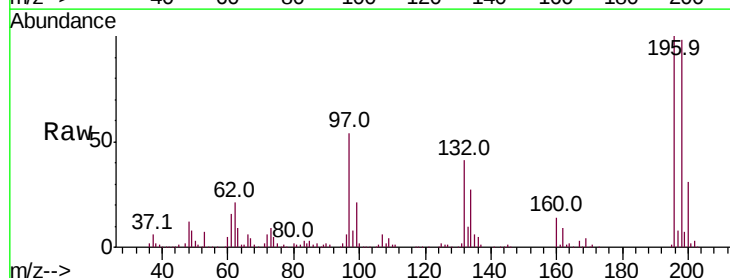
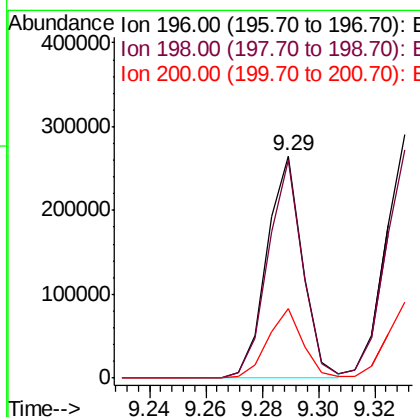
Manual Integrations
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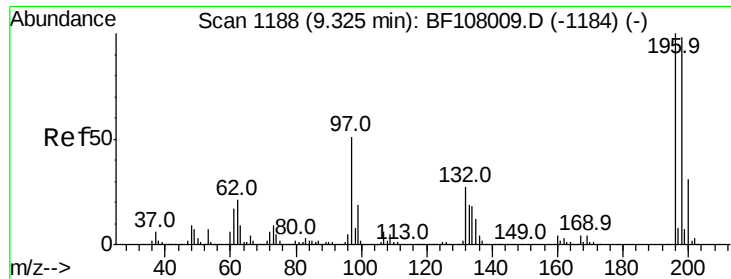
Sohil
 8/20/2018 12:48:28 PM



#42
 2,4,6-Trichlorophenol
 Concen: 46.885 ng
 RT: 9.29 min Scan# 1182
 Delta R.T. 0.00 min
 Lab File: BF108251.D
 Acq: 17 Aug 2018 18:55

Tgt Ion:	196	Resp:	232770
Ion Ratio	Lower	Upper	
196	100		
198	98.1	75.7	113.5
200	31.2	24.5	36.7





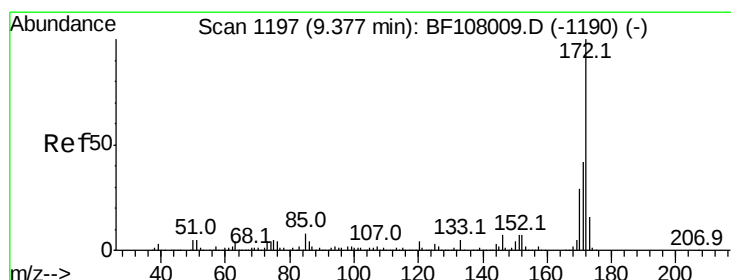
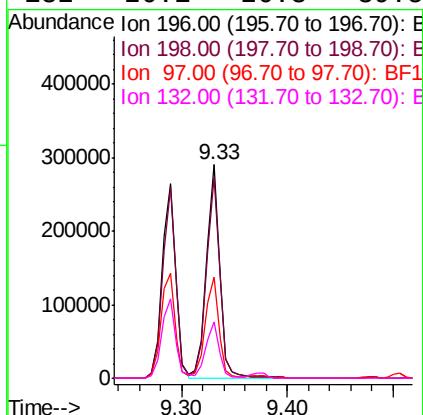
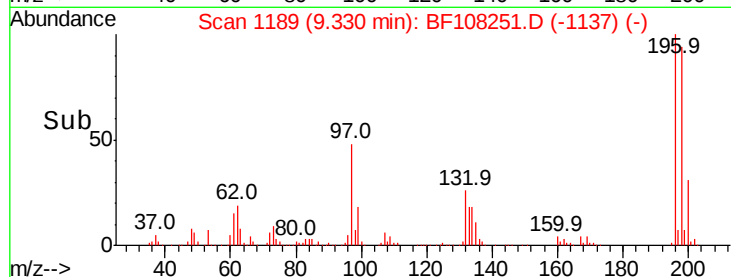
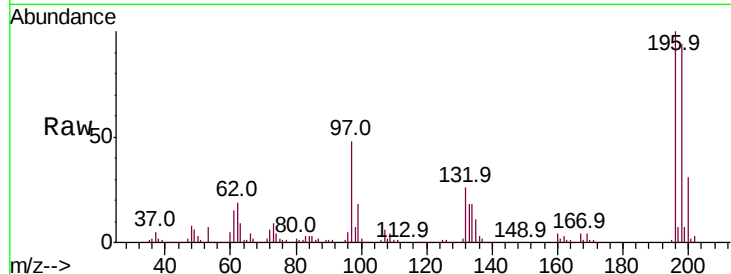
#43
 2,4,5-Trichlorophenol
 Concen: 46.449 ng
 RT: 9.33 min Scan# 1189
 Delta R.T. 0.01 min
 Lab File: BF108251.D
 Acq: 17 Aug 2018 18:55

Instrument :
 BNA_F
 ClientSampleId :
 RA-081318-FL-020MS

Tot Ion	Ratio	Resp	Lower	Upper
196	100	253852		
198	94.0	74.6	112.0	
97	47.6	42.9	64.3	
132	26.1	26.3	39.5	

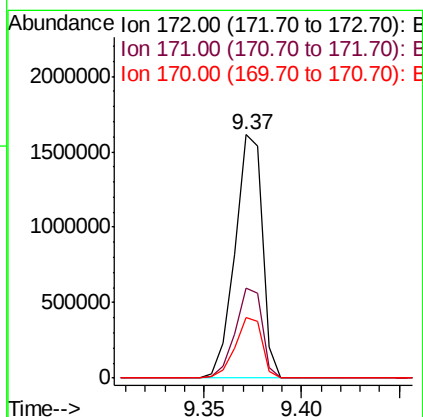
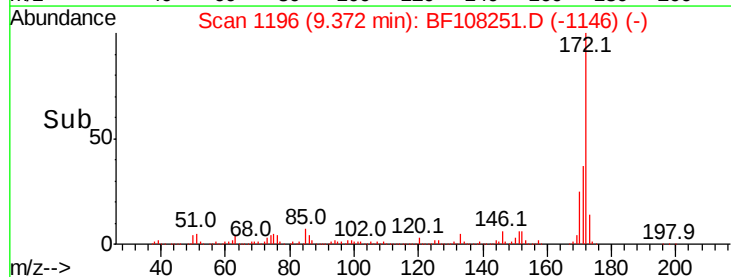
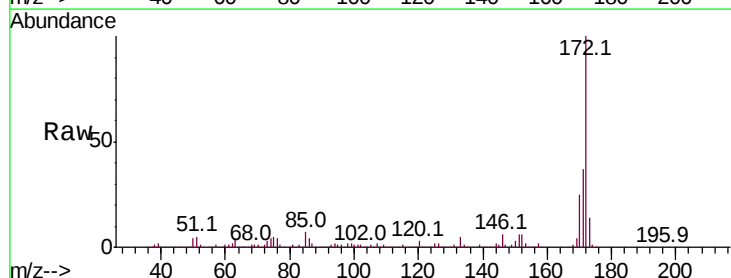
Manual Integrations
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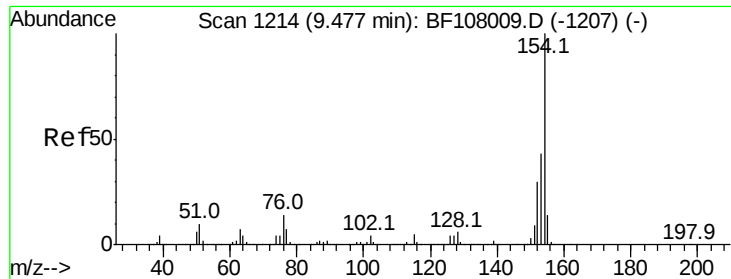
Sohil
 8/20/2018 12:48:28 PM



#44
 2-Fluorobiphenyl
 Concen: 96.833 ng
 RT: 9.37 min Scan# 1196
 Delta R.T. -0.01 min
 Lab File: BF108251.D
 Acq: 17 Aug 2018 18:55

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	1571336		
171	37.1	29.7	44.5	
170	24.6	19.6	29.4	





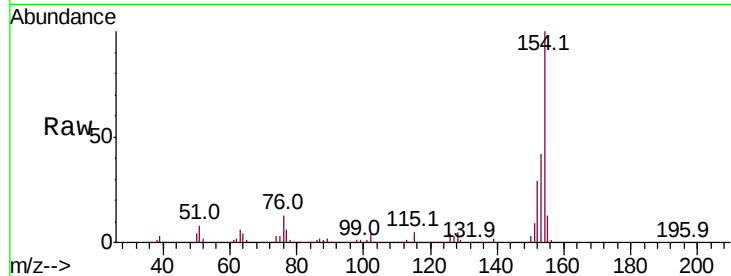
#45
 1,1'-Biphenyl
 Concen: 44.244 ng
 RT: 9.48 min Scan# 1214
 Delta R.T. 0.00 min
 Lab File: BF108251.D
 Acq: 17 Aug 2018 18:55

Instrument :
 BNA_F
 ClientSampleId :
 RA-081318-FL-020MS

Tot Ion	Ratio	Resp	Lower	Upper
154	100			
153	42.0	21.3	61.3	
76	12.6	0.0	34.0	

Manual Integrations
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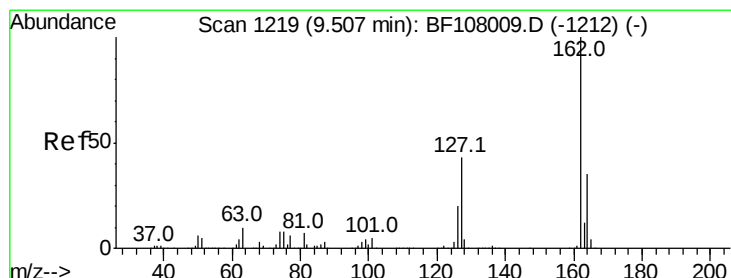
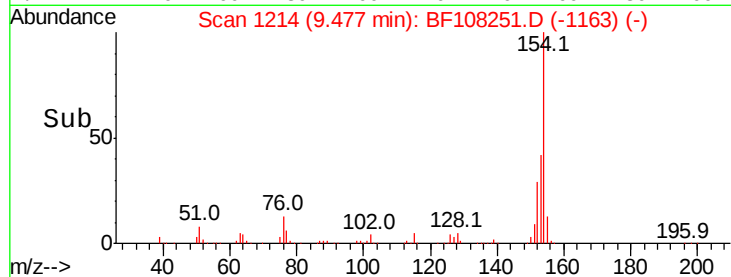
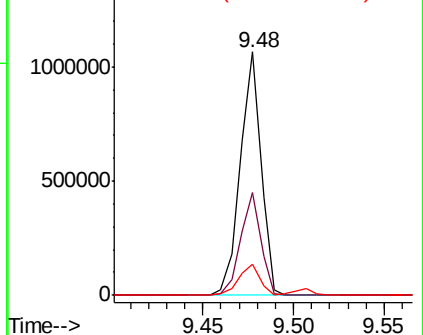


Abundance

Ion 154.00 (153.70 to 154.70): E

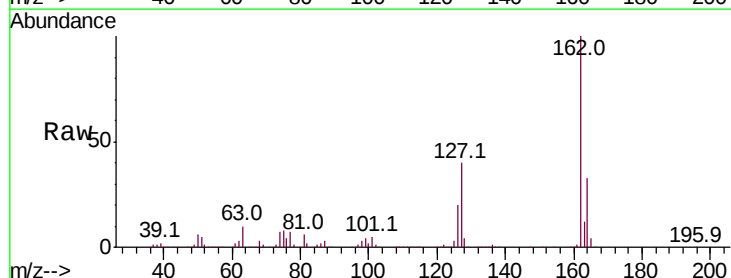
Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF1



#46
 2-Chloronaphthalene
 Concen: 43.339 ng
 RT: 9.51 min Scan# 1219
 Delta R.T. 0.00 min
 Lab File: BF108251.D
 Acq: 17 Aug 2018 18:55

Tgt Ion	Ratio	Resp	Lower	Upper
162	100			
127	39.6	33.9	50.9	
164	33.4	26.5	39.7	

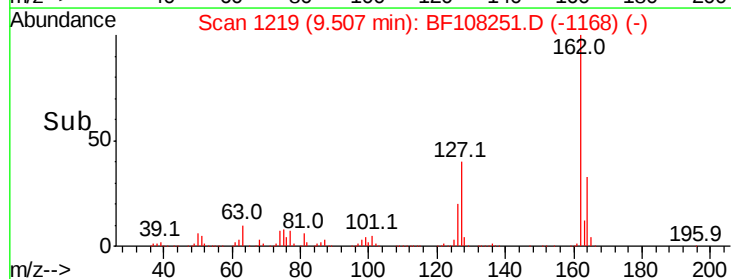
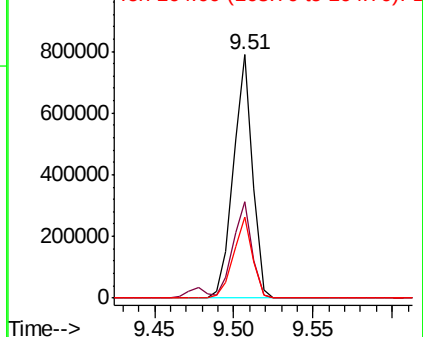


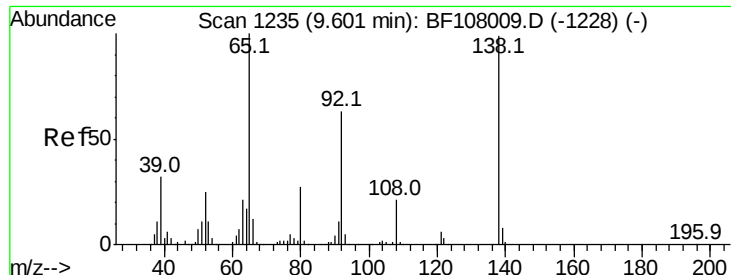
Abundance

Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E





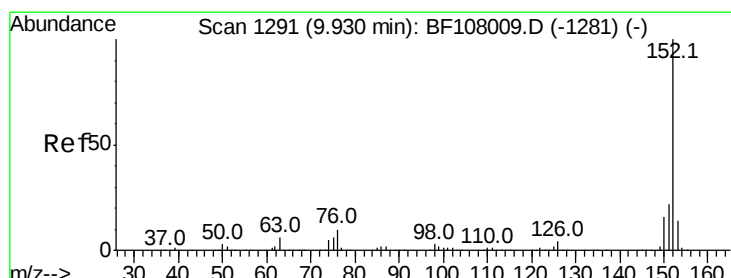
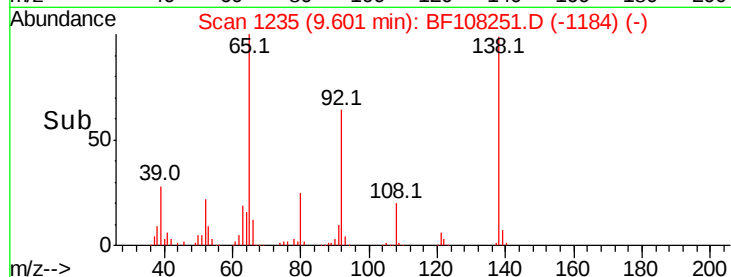
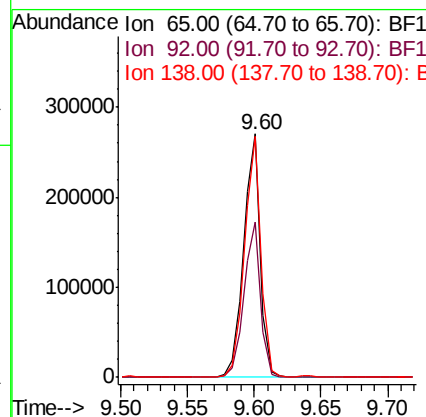
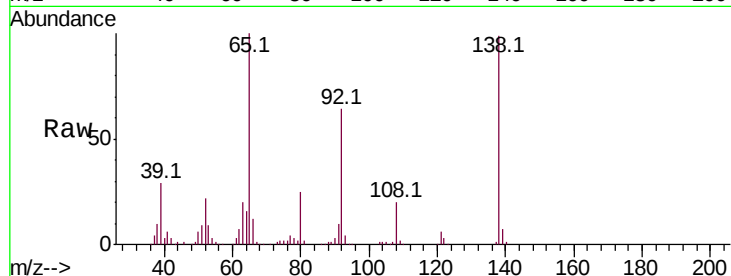
#47
2-Nitroaniline
Concen: 47.768 ng
RT: 9.60 min Scan# 1235
Delta R.T. 0.00 min
Lab File: BF108251.D
Acq: 17 Aug 2018 18:55

Instrument :
BNA_F
ClientSampleId :
RA-081318-FL-020MS

Tot Ion	Ratio	Lower	Upper
65	100		
92	63.7	55.8	83.6
138	99.0	91.2	136.8

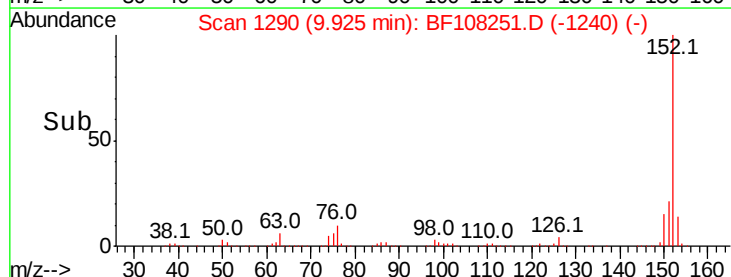
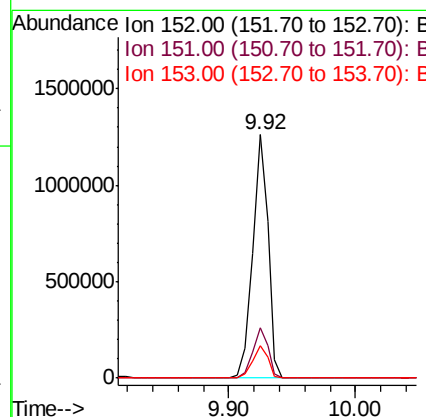
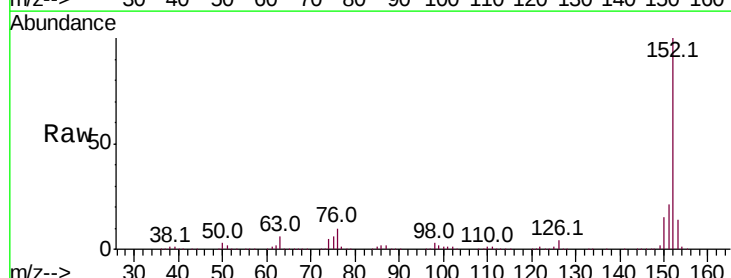
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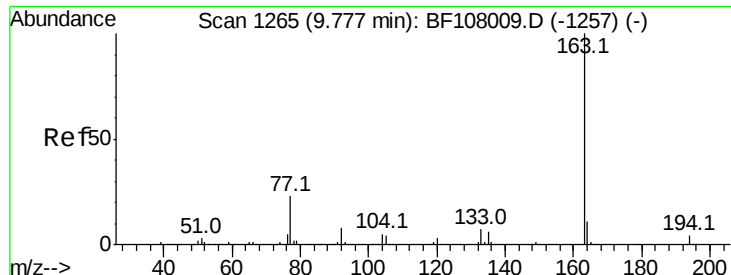
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#48
Acenaphthylene
Concen: 44.110 ng
RT: 9.92 min Scan# 1290
Delta R.T. -0.01 min
Lab File: BF108251.D
Acq: 17 Aug 2018 18:55

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





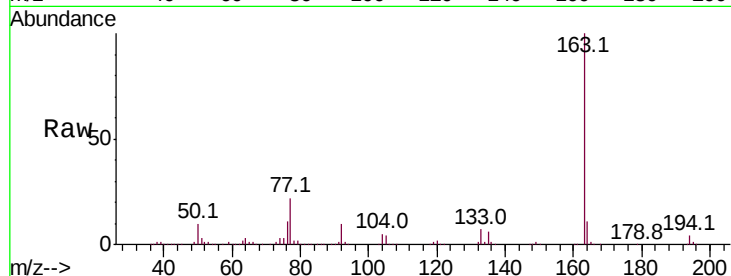
#49
Dimethylphthalate
Concen: 52.590 ng
RT: 9.77 min Scan# 1264
Delta R.T. -0.01 min
Lab File: BF108251.D
Acq: 17 Aug 2018 18:55

Instrument :
BNA_F
ClientSampleId :
RA-081318-FL-020MS

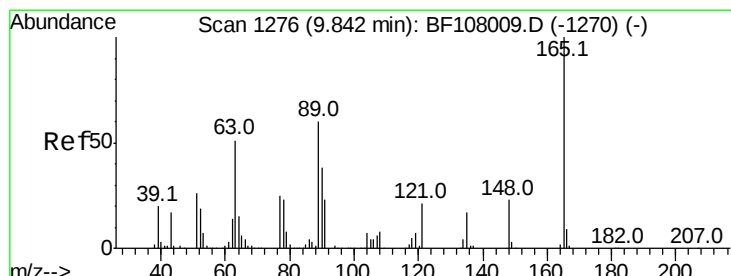
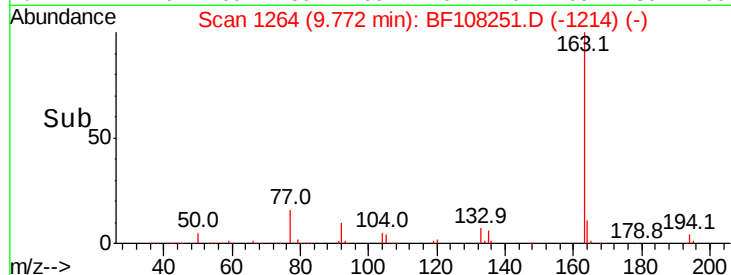
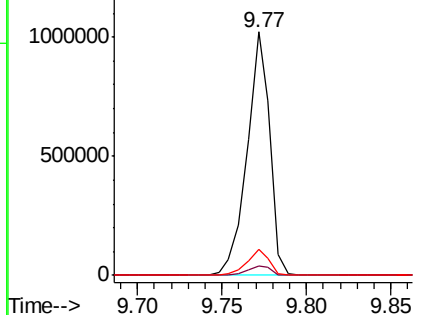
Tot Ion	Ratio	Resp	Lower	Upper
163	100			
194	4.0	2.7	4.1	
164	10.7	8.2	12.2	

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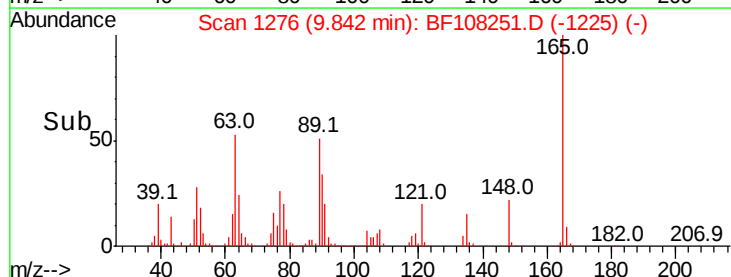
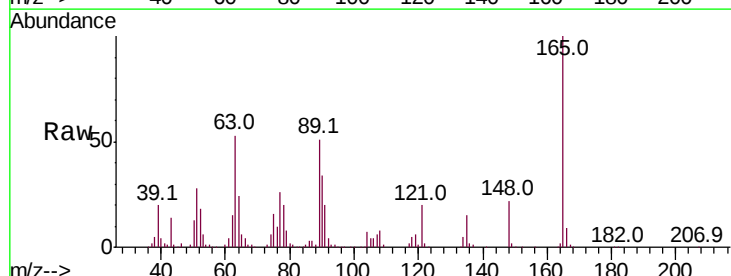
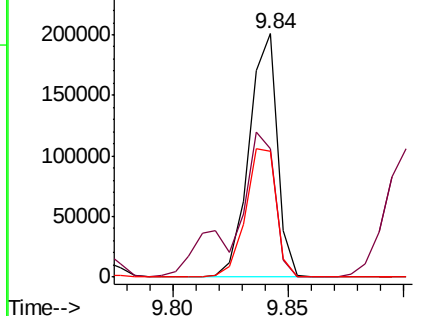
Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

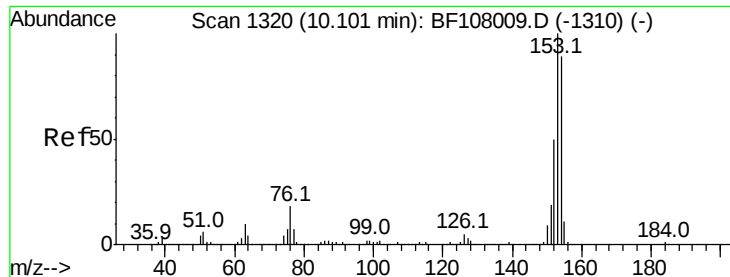


#50
2,6-Dinitrotoluene
Concen: 45.315 ng
RT: 9.84 min Scan# 1276
Delta R.T. 0.00 min
Lab File: BF108251.D
Acq: 17 Aug 2018 18:55

Tgt Ion	Ratio	Resp	Lower	Upper
165	100			
63	52.7	44.7	67.1	
89	51.5	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: 41.909 ng

RT: 10.10 min Scan# 1319

Delta R.T. -0.01 min

Lab File: BF108251.D

Acq: 17 Aug 2018 18:55

Instrument :

BNA_F

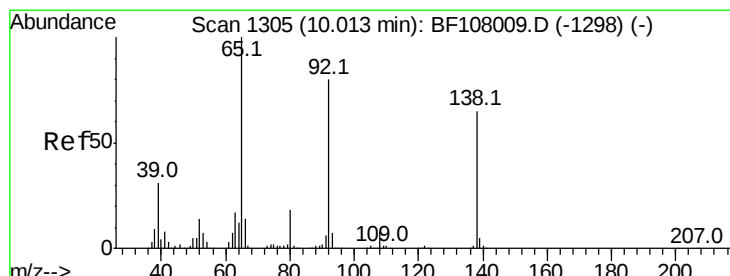
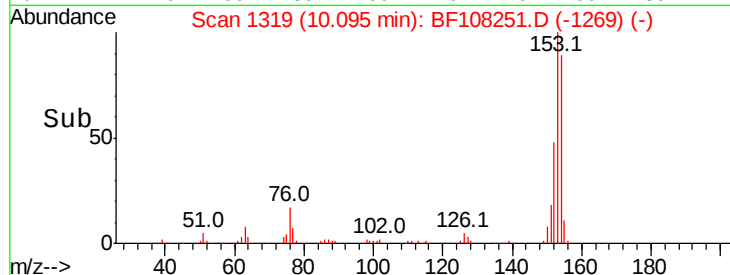
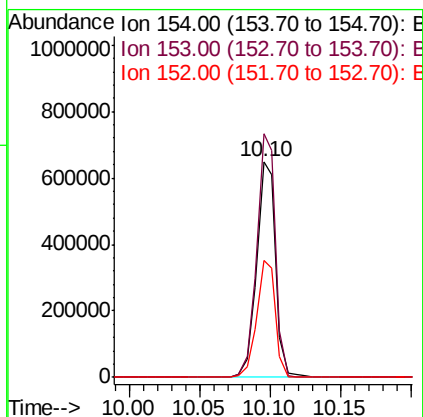
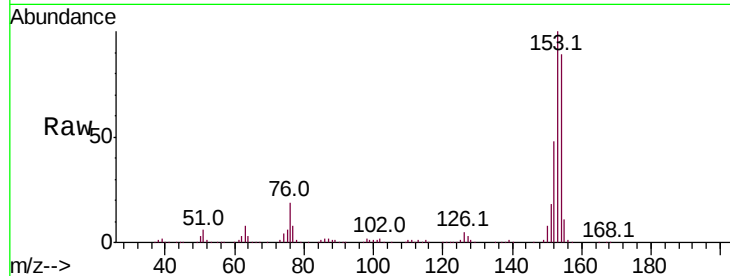
ClientSampleId :

RA-081318-FL-020MS

Tot Ion:	154	Resp:	616091
Ion Ratio	Lower	Upper	
154	100		
153	113.0	91.2	136.8
152	54.2	43.8	65.8

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#52

3-Nitroaniline

Concen: 39.921 ng

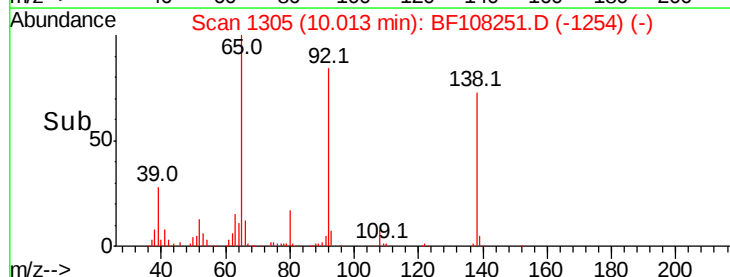
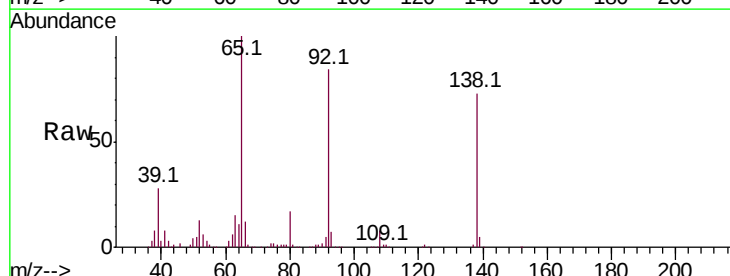
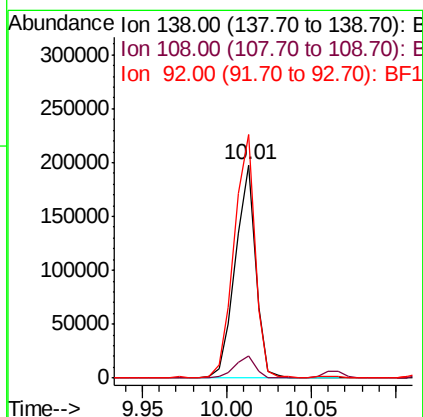
RT: 10.01 min Scan# 1305

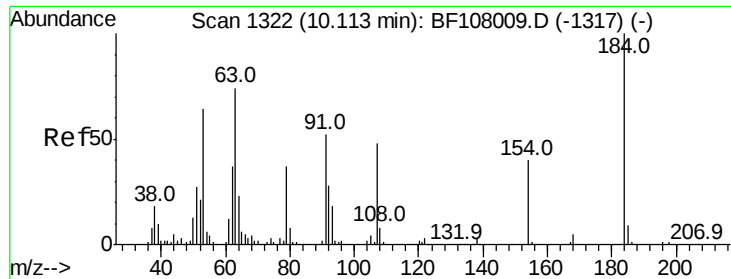
Delta R.T. 0.00 min

Lab File: BF108251.D

Acq: 17 Aug 2018 18:55

Tgt Ion:	138	Resp:	165843
Ion Ratio	Lower	Upper	
138	100		
108	10.7	9.4	14.0
92	114.4	89.4	134.2





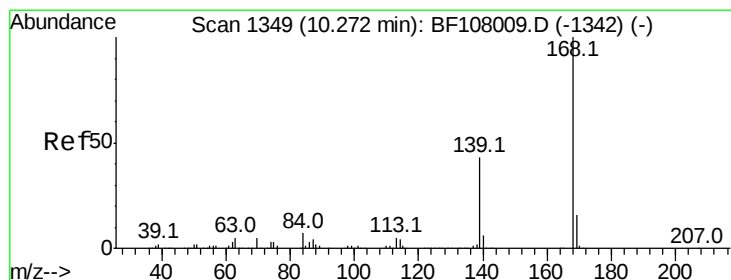
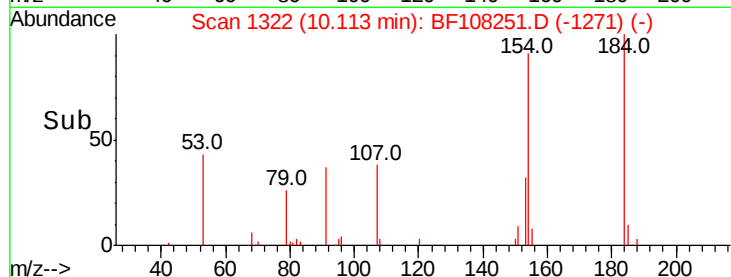
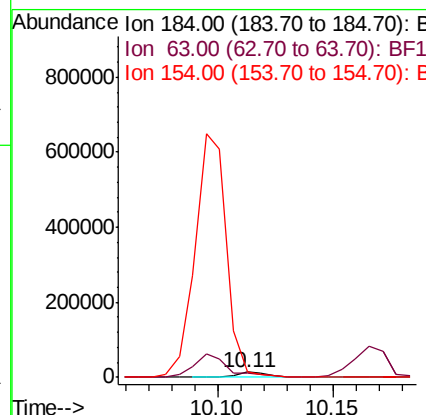
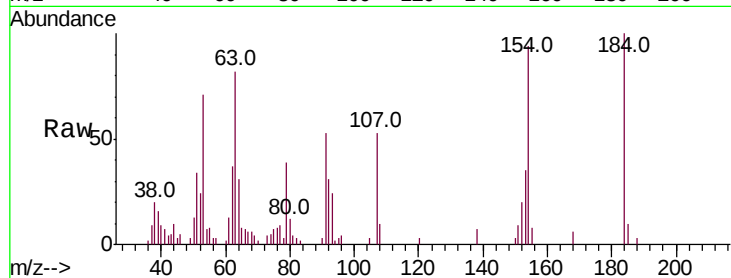
#53
2,4-Dinitrophenol
Concen: 15.859 ng
RT: 10.11 min Scan# 1322
Delta R.T. 0.00 min
Lab File: BF108251.D
Acq: 17 Aug 2018 18:55

Instrument :
BNA_F
ClientSampleId :
RA-081318-FL-020MS

Tot Ion	Ratio	Lower	Upper
184	100		
63	81.7	54.2	81.2#
154	94.2	184.0	276.0#

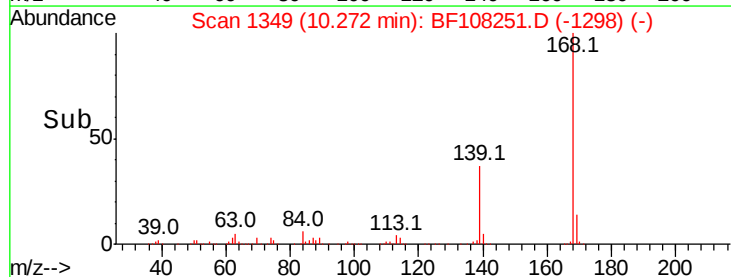
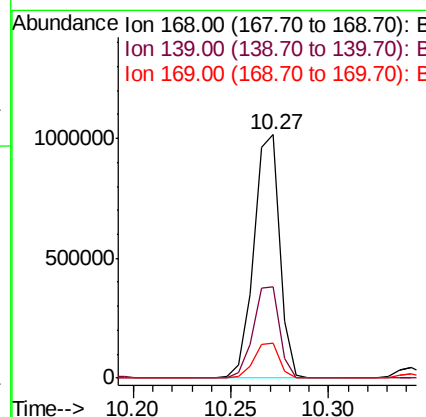
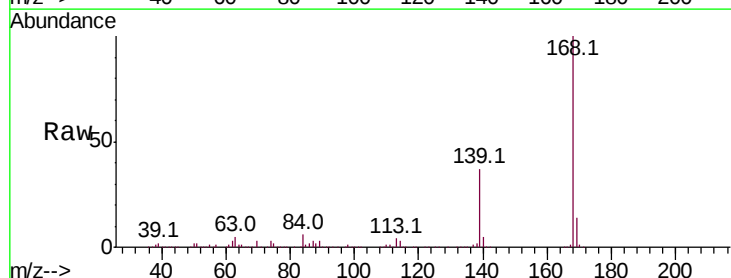
Manual Integrations
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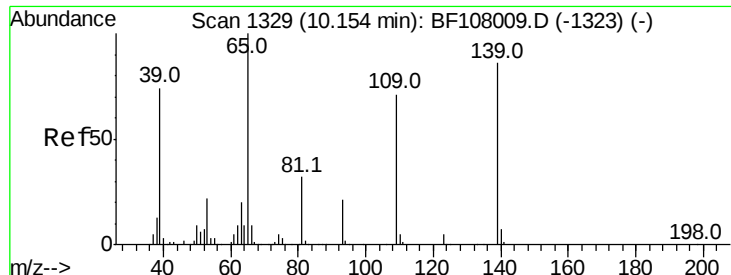
Sohil
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#54
Dibenzofuran
Concen: 43.710 ng
RT: 10.27 min Scan# 1349
Delta R.T. 0.00 min
Lab File: BF108251.D
Acq: 17 Aug 2018 18:55

Tgt Ion	Ratio	Lower	Upper
168	100		
139	37.3	30.1	45.1
169	14.1	10.9	16.3





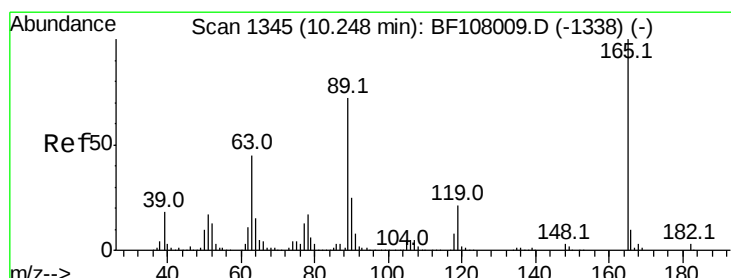
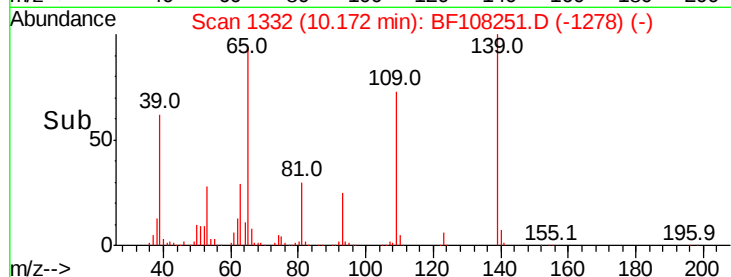
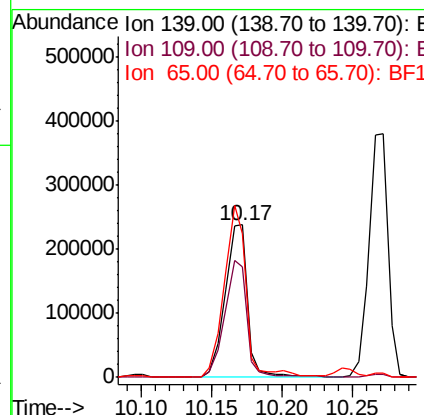
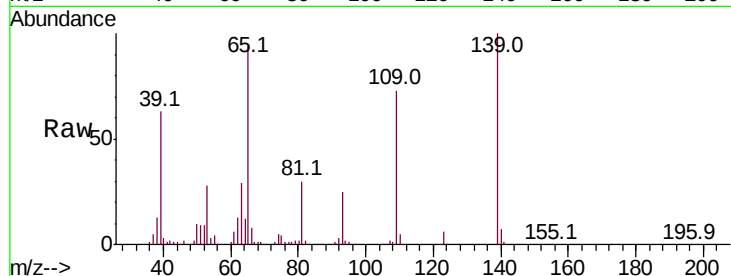
#55
4-Nitrophenol
Concen: 84.043 ng
RT: 10.17 min Scan# 1332
Delta R.T. 0.02 min
Lab File: BF108251.D
Acq: 17 Aug 2018 18:55

Instrument :
BNA_F
ClientSampleId :
RA-081318-FL-020MS

Tot Ion	Ratio	Resp	Lower	Upper
139	100	264384		
109	72.5	48.4	88.4	
65	94.2	72.6	112.6	

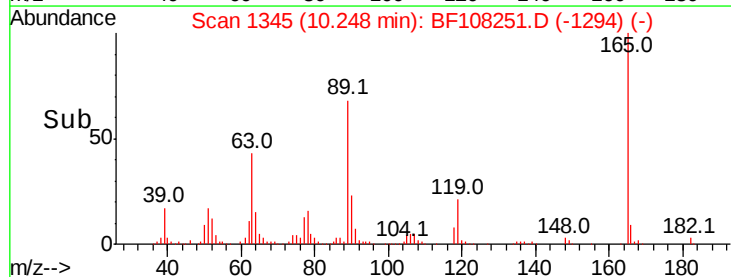
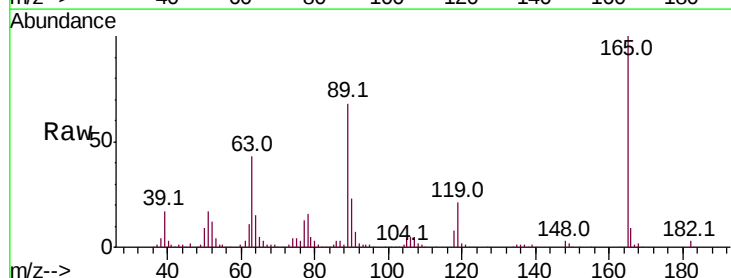
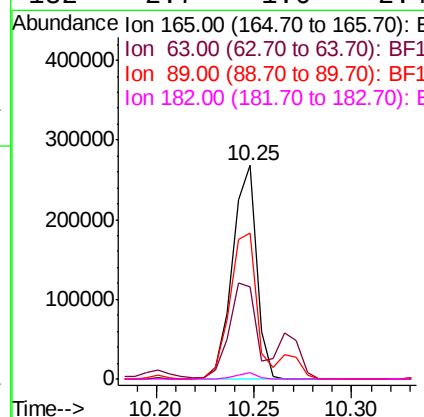
Manual Integrations
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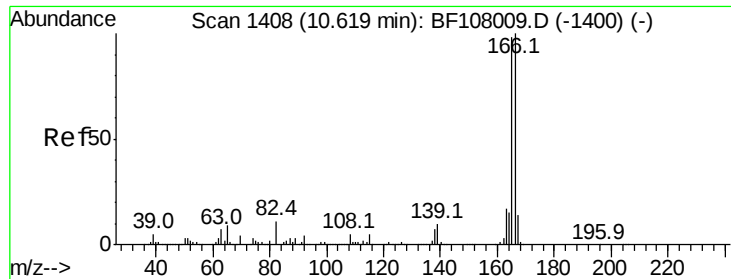
Sohil
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#56
2,4-Dinitrotoluene
Concen: 47.305 ng
RT: 10.25 min Scan# 1345
Delta R.T. 0.00 min
Lab File: BF108251.D
Acq: 17 Aug 2018 18:55

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	231195		
63	43.0	36.4	54.6	
89	68.4	57.8	86.6	
182	2.7	1.6	2.4	#





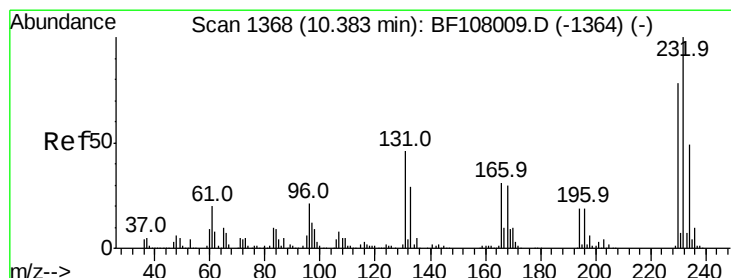
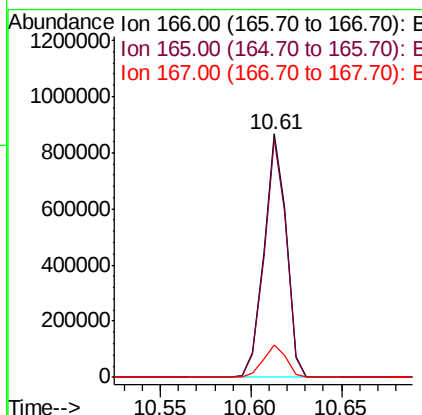
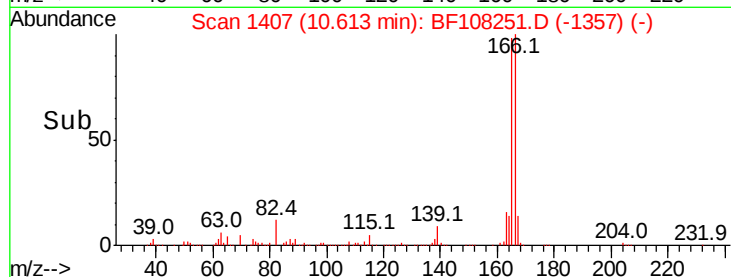
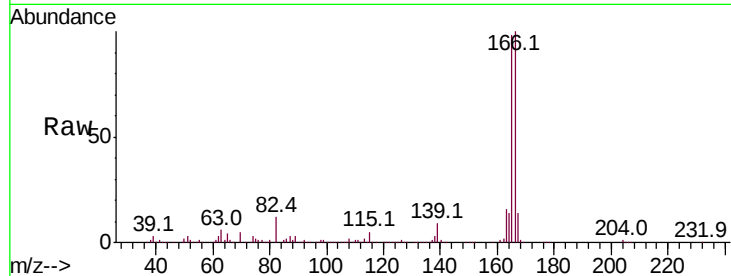
#57
 Fluorene
 Concen: 43.836 ng
 RT: 10.61 min Scan# 1407
 Delta R.T. -0.01 min
 Lab File: BF108251.D
 Acq: 17 Aug 2018 18:55

Instrument :
 BNA_F
 ClientSampleId :
 RA-081318-FL-020MS

Tot Ion	Ratio	Lower	Upper
166	100		
165	97.9	79.8	119.8
167	13.6	10.6	16.0

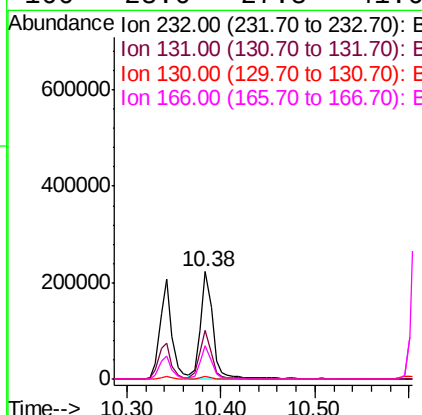
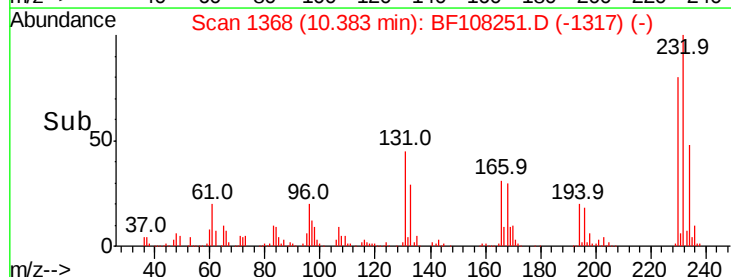
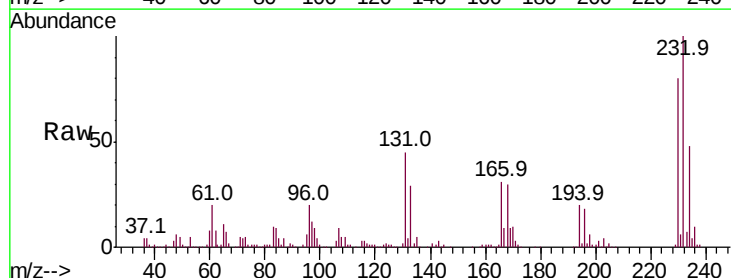
Manual Integrations
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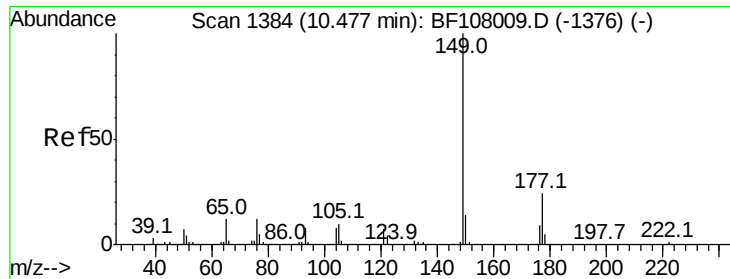
Sohil
 8/20/2018 12:48:28 PM



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 45.021 ng
 RT: 10.38 min Scan# 1368
 Delta R.T. 0.00 min
 Lab File: BF108251.D
 Acq: 17 Aug 2018 18:55

Tgt Ion	Ratio	Lower	Upper
232	100		
131	42.3	43.8	65.8#
130	2.5	2.1	3.1
166	28.6	27.8	41.6





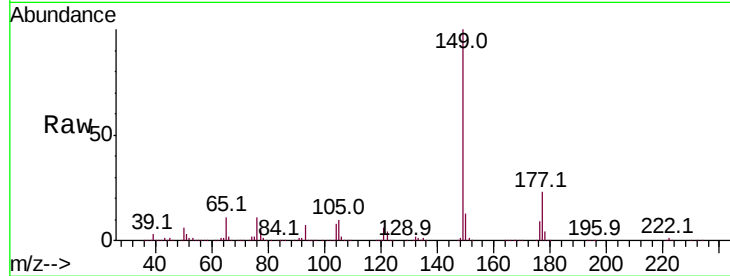
#59
Diethylphthalate
Concen: 44.721 ng
RT: 10.47 min Scan# 1383
Delta R.T. -0.01 min
Lab File: BF108251.D
Acq: 17 Aug 2018 18:55

Instrument :
BNA_F
ClientSampleId :
RA-081318-FL-020MS

Tot Ion	Ratio	Resp	Lower	Upper
149	100	785880		
177	22.9	16.1	24.1	
150	12.9	10.1	15.1	

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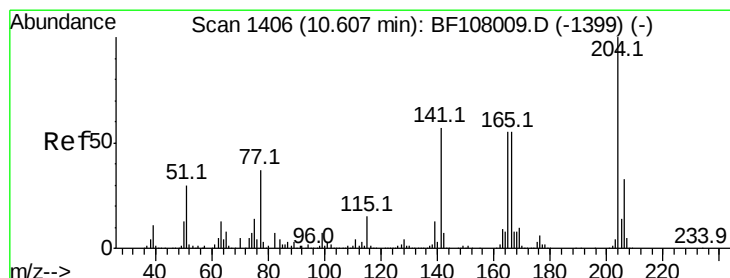
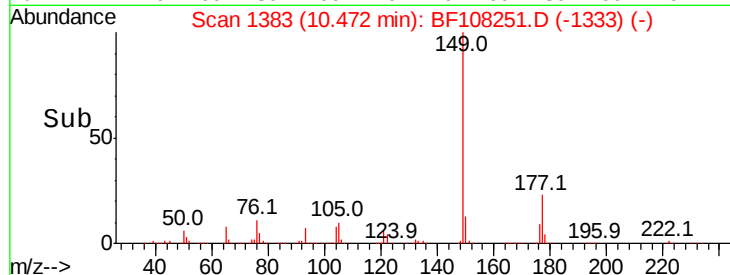
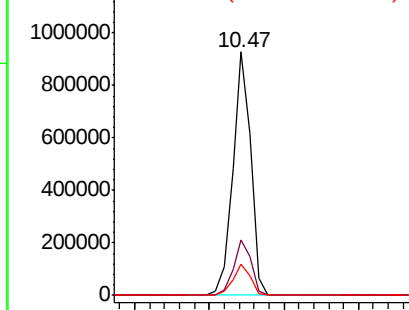


Abundance

Ion 149.00 (148.70 to 149.70): E

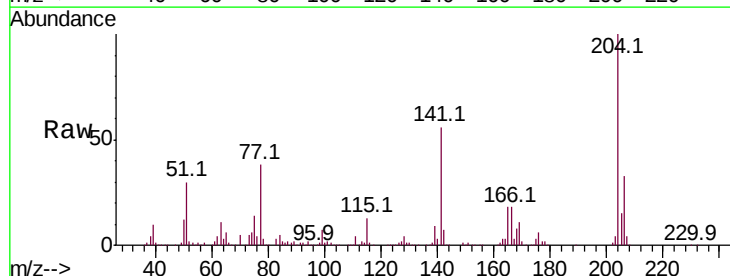
Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E



#60
4-Chlorophenyl-phenylether
Concen: 42.699 ng
RT: 10.60 min Scan# 1405
Delta R.T. -0.01 min
Lab File: BF108251.D
Acq: 17 Aug 2018 18:55

Tgt Ion	Ratio	Resp	Lower	Upper
204	100	375115		
206	32.6	26.5	39.7	
141	56.3	54.6	81.8	

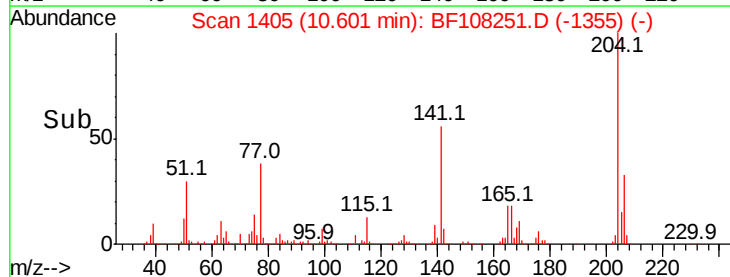
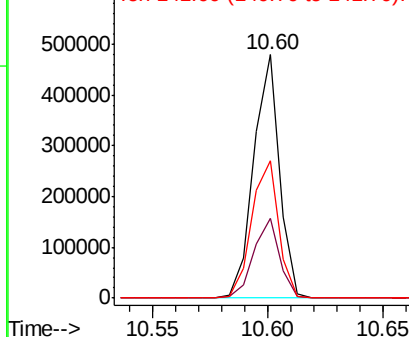


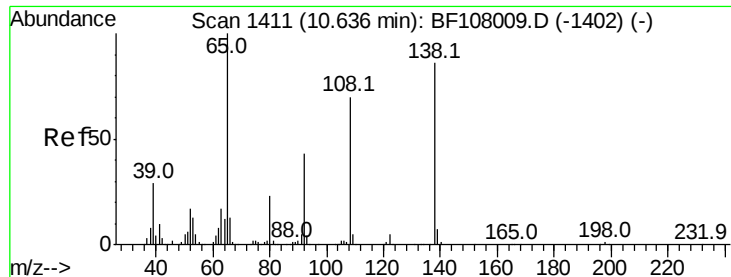
Abundance

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





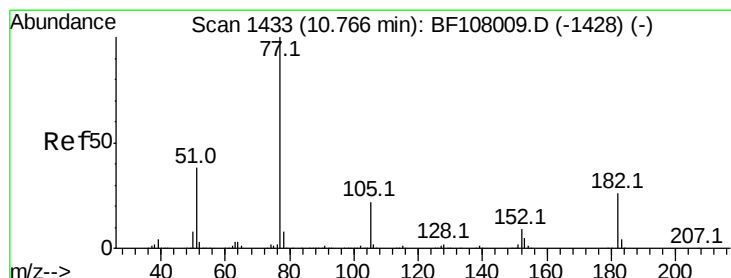
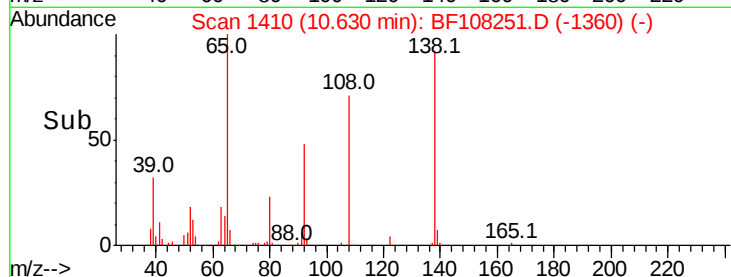
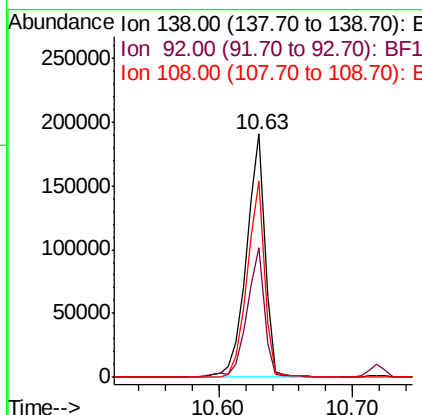
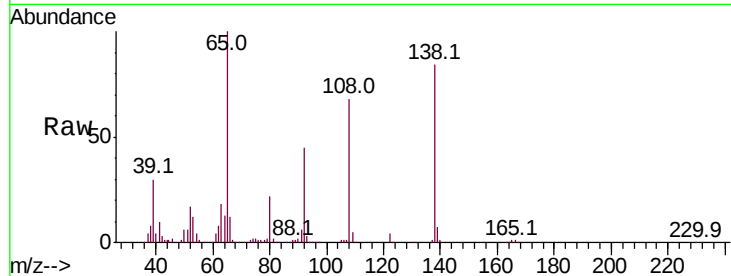
#61
4-Nitroaniline
Concen: 44.578 ng
RT: 10.63 min Scan# 1410
Delta R.T. -0.01 min
Lab File: BF108251.D
Acq: 17 Aug 2018 18:55

Instrument :
BNA_F
ClientSampleId :
RA-081318-FL-020MS

Tot Ion	Ratio	Lower	Upper
138	100		
92	53.2	30.2	70.2
108	80.9	52.5	92.5

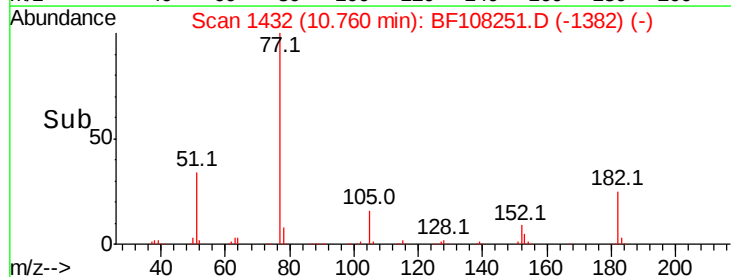
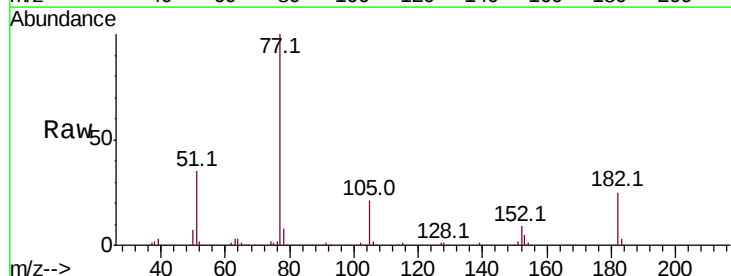
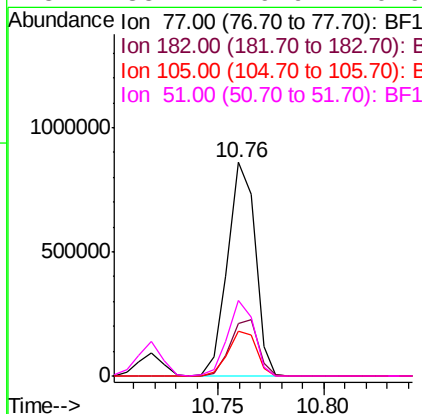
Manual Integrations
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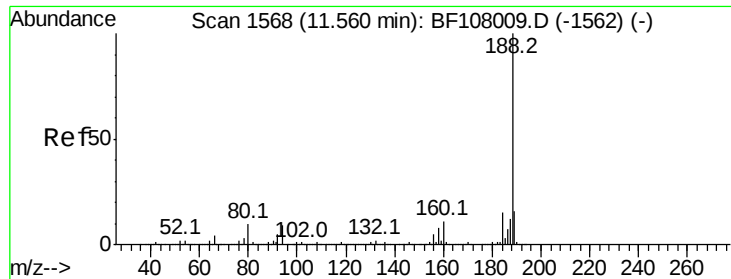
Sohil
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#62
Azobenzene
Concen: 42.778 ng
RT: 10.76 min Scan# 1432
Delta R.T. -0.01 min
Lab File: BF108251.D
Acq: 17 Aug 2018 18:55

Tgt Ion	Ratio	Lower	Upper
77	100		
182	24.7	1.7	41.7
105	21.2	3.0	43.0
51	35.2	9.9	49.9





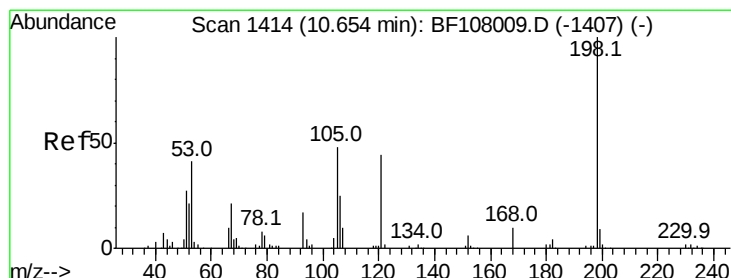
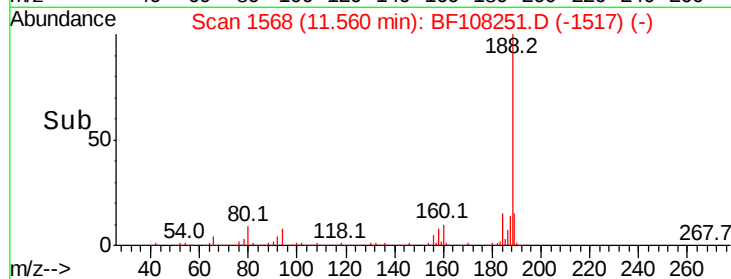
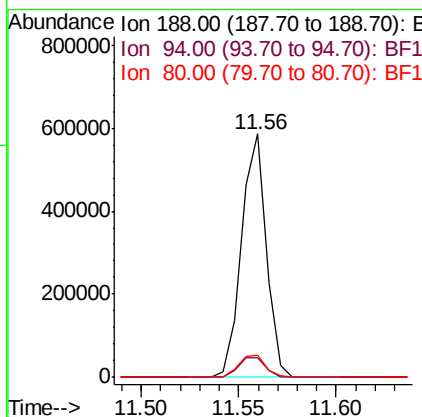
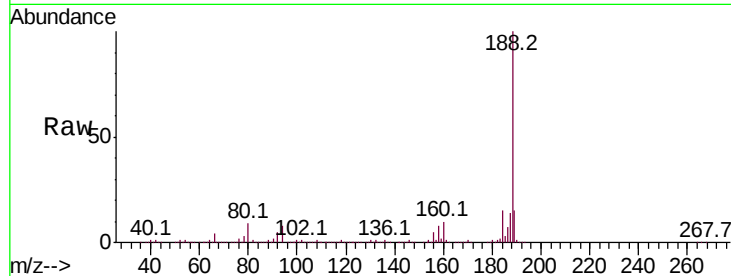
#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.56 min Scan# 1568
 Delta R.T. 0.00 min
 Lab File: BF108251.D
 Acq: 17 Aug 2018 18:55

Instrument :
 BNA_F
 ClientSampleId :
 RA-081318-FL-020MS

Tot Ion	Ratio	Resp Lower	Upper
188	100		
94	8.0	8.5	12.7#
80	9.2	9.2	13.8

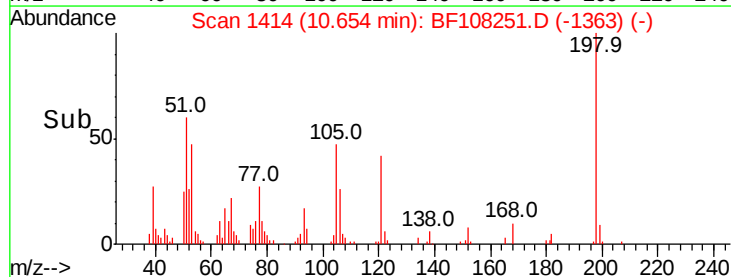
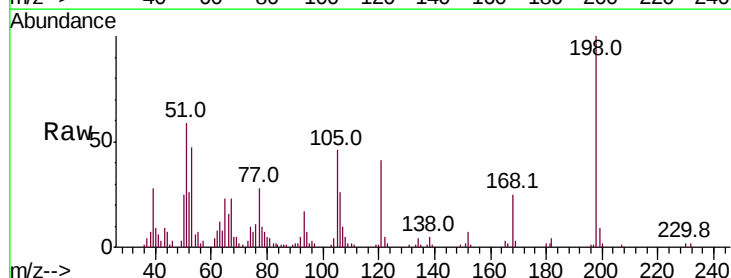
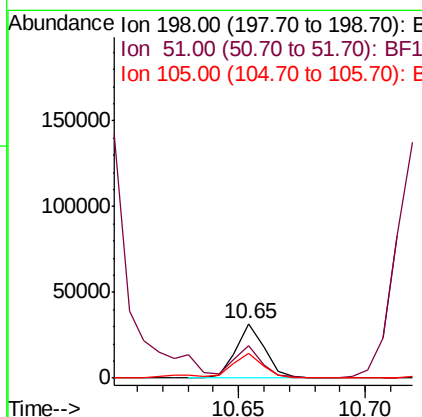
Manual Integrations
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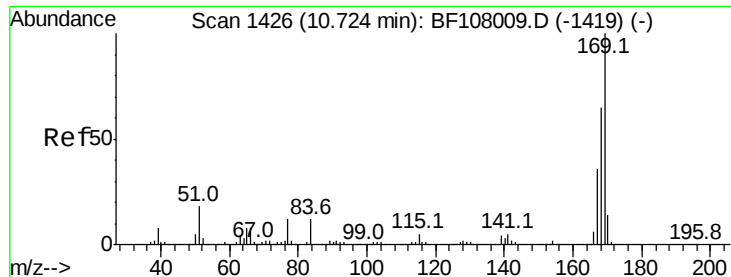
Sohil
 8/20/2018 12:48:28 PM



#64
 4,6-Dinitro-2-methylphenol
 Concen: 16.929 ng
 RT: 10.65 min Scan# 1414
 Delta R.T. 0.00 min
 Lab File: BF108251.D
 Acq: 17 Aug 2018 18:55

Tgt Ion	Ratio	Resp Lower	Upper
198	100		
51	58.9	37.7	77.7
105	45.6	36.3	76.3





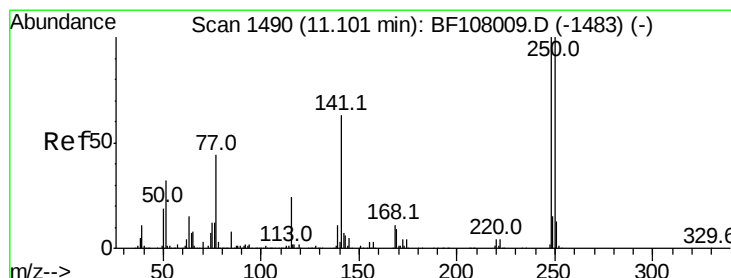
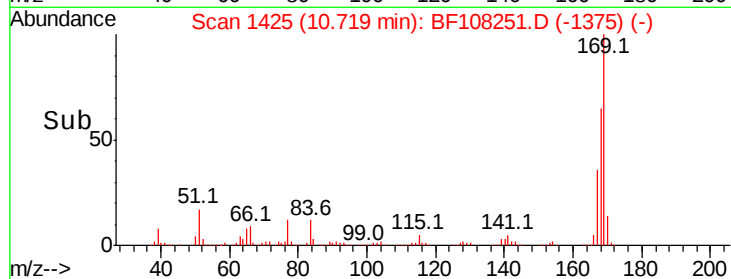
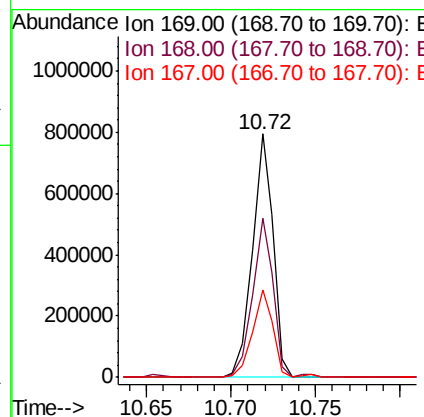
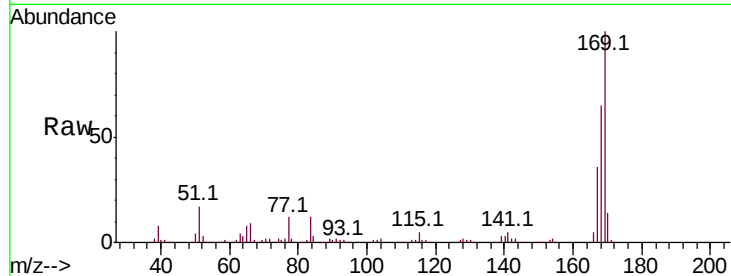
#65
n-Nitrosodiphenylamine
Concen: 44.895 ng
RT: 10.72 min Scan# 1425
Delta R.T. -0.01 min
Lab File: BF108251.D
Acq: 17 Aug 2018 18:55

Instrument :
BNA_F
ClientSampleId :
RA-081318-FL-020MS

Tot Ion	Ratio	Resp	Lower	Upper
169	100			
168	65.1	54.4	81.6	
167	35.8	29.8	44.6	

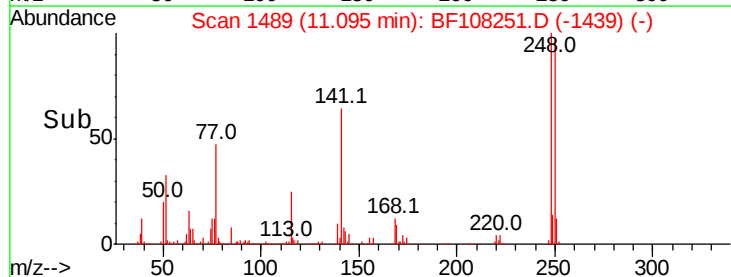
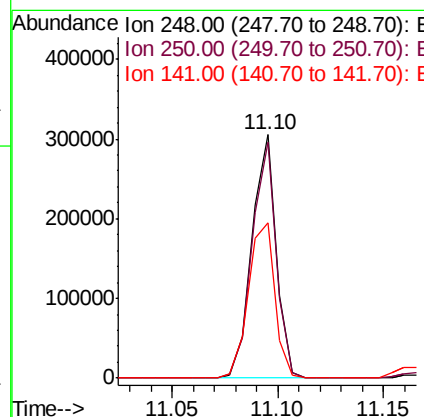
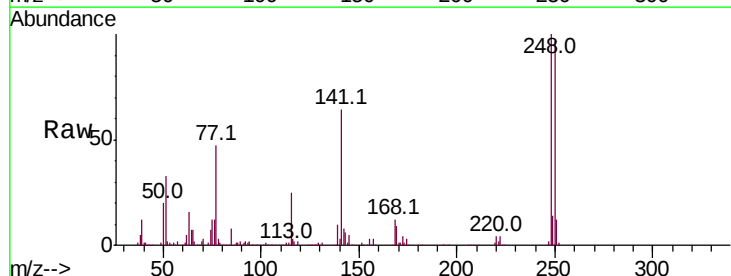
Manual Integrations
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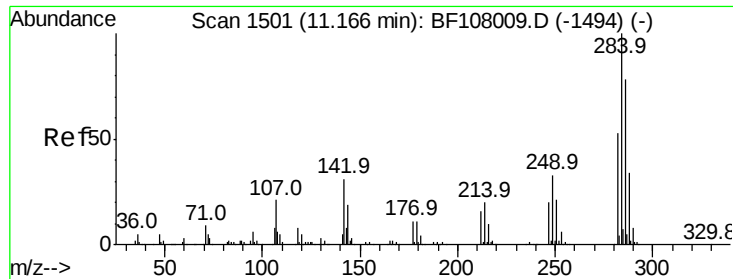
Sohil
8/20/2018 12:48:28 PM



#66
4-Bromophenyl-phenylether
Concen: 43.625 ng
RT: 11.10 min Scan# 1489
Delta R.T. -0.01 min
Lab File: BF108251.D
Acq: 17 Aug 2018 18:55

Tgt Ion	Ratio	Resp	Lower	Upper
248	100			
250	96.7	76.9	115.3	
141	63.7	74.4	111.6	





#67

Hexachlorobenzene

Concen: 41.108 ng

RT: 11.17 min Scan# 1501

Delta R.T. 0.00 min

Lab File: BF108251.D

Acq: 17 Aug 2018 18:55

Instrument :

BNA_F

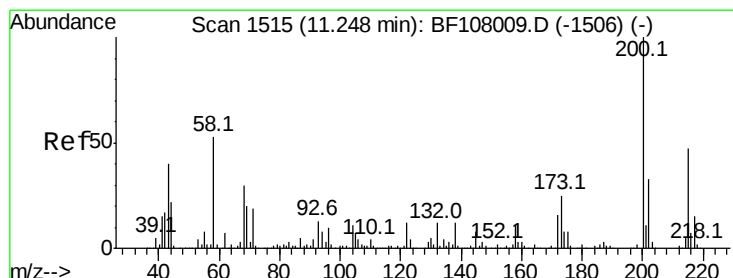
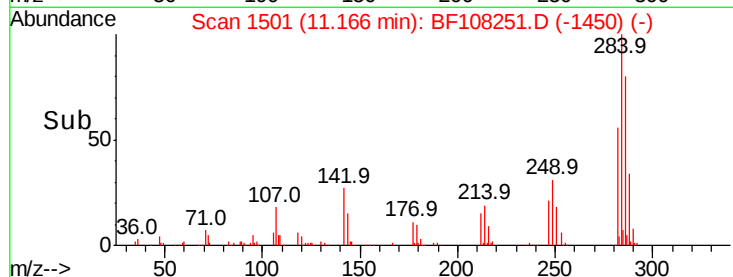
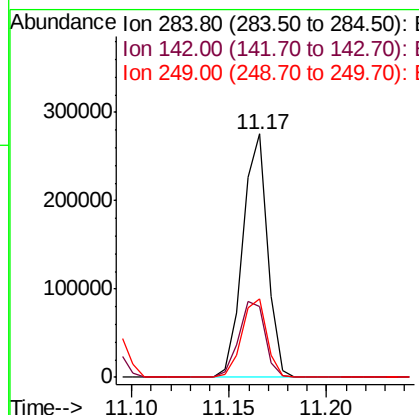
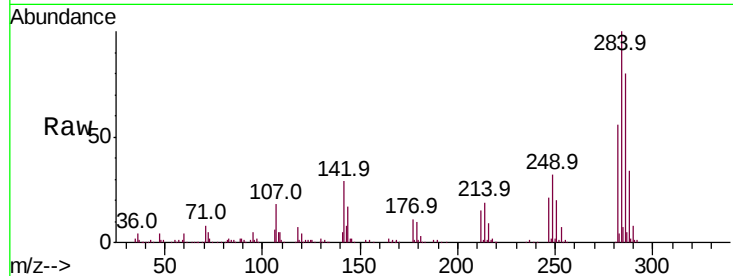
ClientSampleId :

RA-081318-FL-020MS

Tot Ion:	284	Resp:	242151
Ion Ratio	Lower	Upper	
284	100		
142	28.8	34.6	52.0#
249	32.2	24.8	37.2

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#68

Atrazine

Concen: 45.392 ng

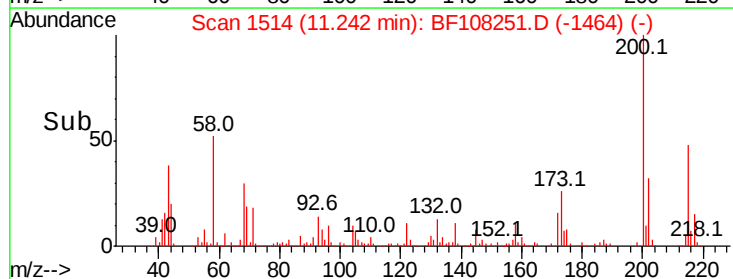
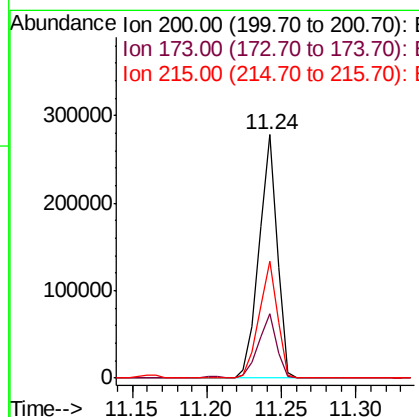
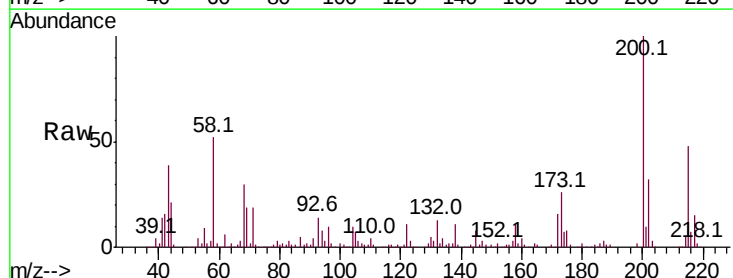
RT: 11.24 min Scan# 1514

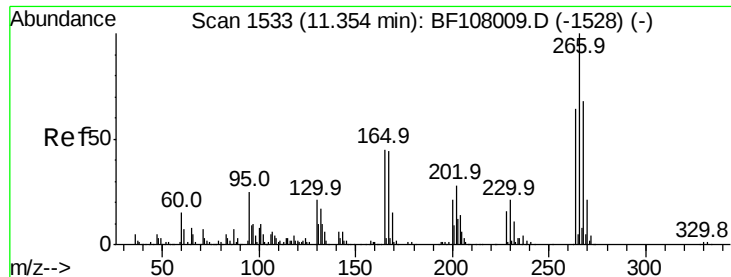
Delta R.T. -0.01 min

Lab File: BF108251.D

Acq: 17 Aug 2018 18:55

Tgt Ion:	200	Resp:	231781
Ion Ratio	Lower	Upper	
200	100		
173	26.3	8.6	48.6
215	47.8	25.1	65.1





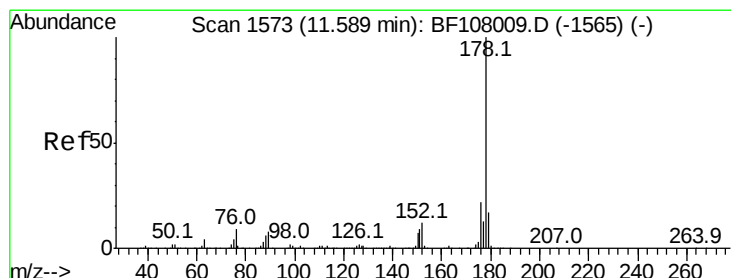
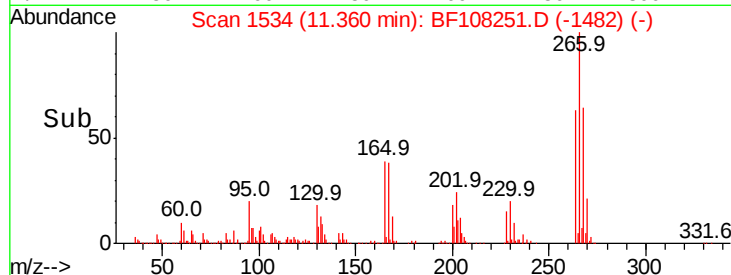
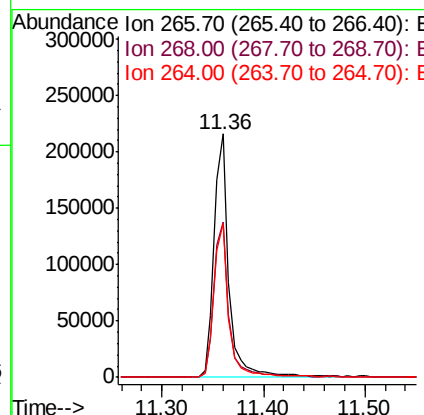
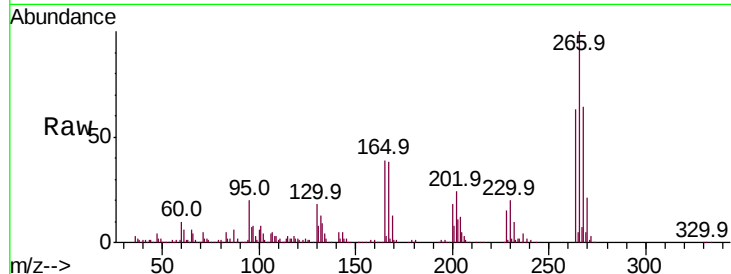
#69
 Pentachlorophenol
 Concen: 78.917 ng
 RT: 11.36 min Scan# 1534
 Delta R.T. 0.01 min
 Lab File: BF108251.D
 Acq: 17 Aug 2018 18:55

Instrument :
 BNA_F
 ClientSampleId :
 RA-081318-FL-020MS

Tot Ion	Ratio	Resp	Lower	Upper
266	100	222508		
268	63.9	51.1	76.7	
264	63.5	49.5	74.3	

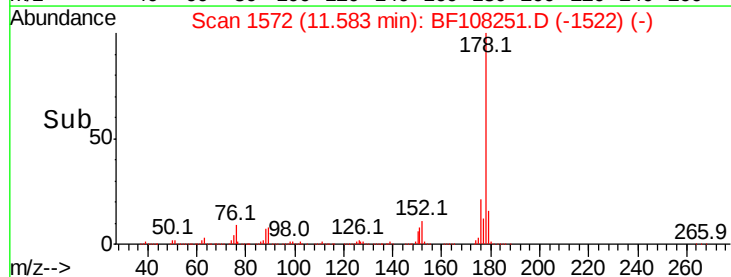
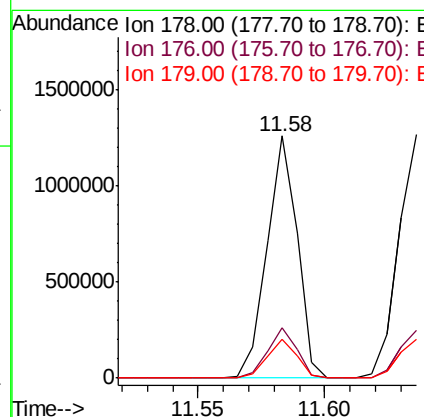
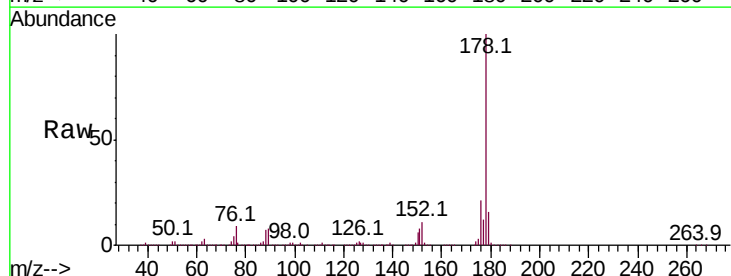
Manual Integrations
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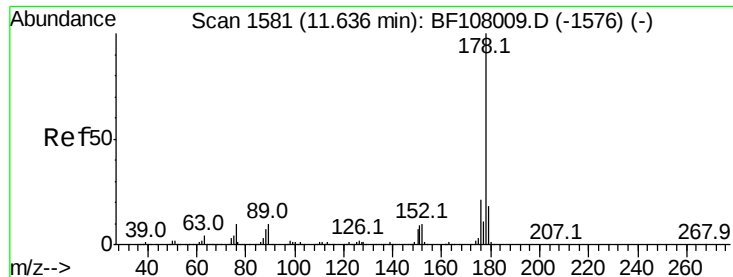
Sohil
 8/20/2018 12:48:28 PM



#70
 Phenanthrene
 Concen: 43.460 ng
 RT: 11.58 min Scan# 1572
 Delta R.T. -0.01 min
 Lab File: BF108251.D
 Acq: 17 Aug 2018 18:55

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	1056039		
176	20.5	15.8	23.8	
179	16.0	13.0	19.6	





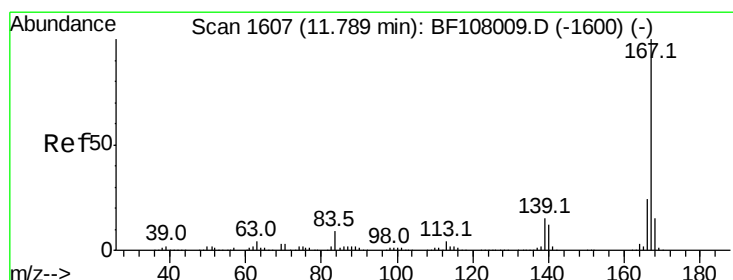
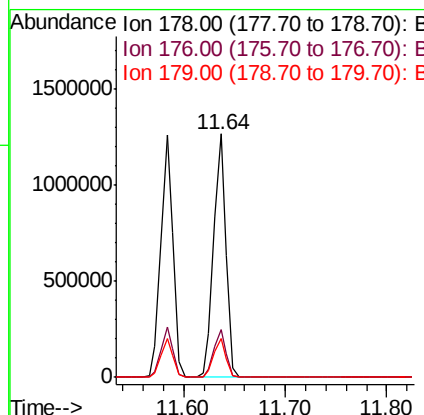
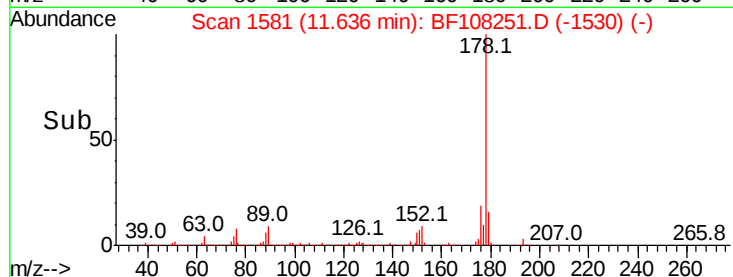
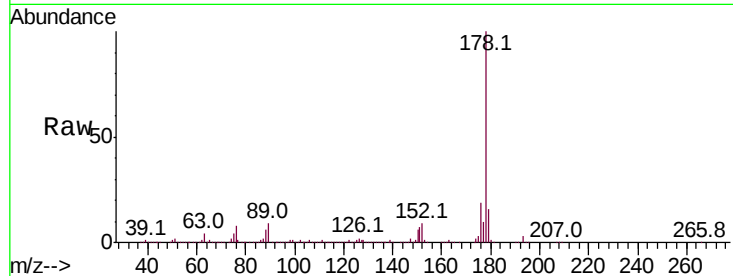
#71
 Anthracene
 Concen: 43.329 ng
 RT: 11.64 min Scan# 1581
 Delta R.T. 0.00 min
 Lab File: BF108251.D
 Acq: 17 Aug 2018 18:55

Instrument :
 BNA_F
 ClientSampleId :
 RA-081318-FL-020MS

Tot Ion:178	Resp: 1079108		
Ion Ratio	Lower	Upper	
178	100		
176	19.5	15.4	23.2
179	16.0	12.6	19.0

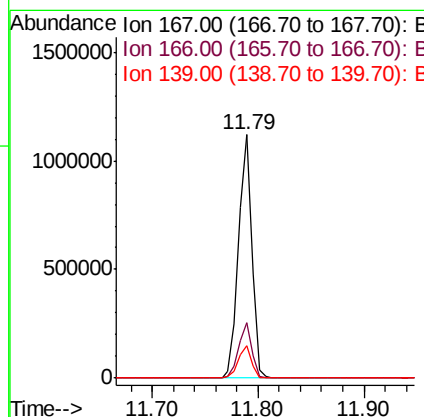
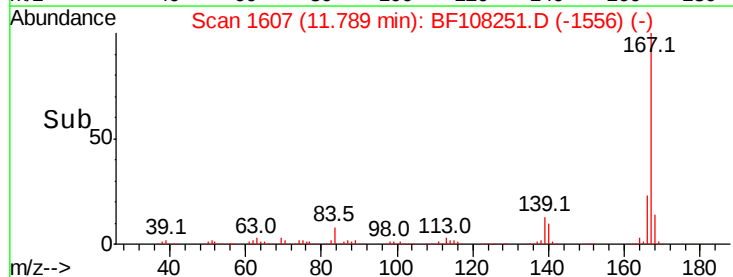
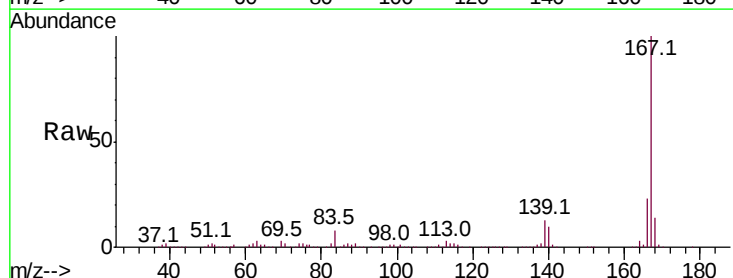
Manual Integrations
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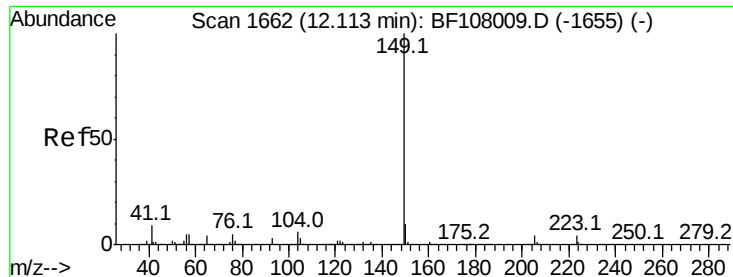
Sohil
 8/20/2018 12:48:28 PM



#72
 Carbazole
 Concen: 43.544 ng
 RT: 11.79 min Scan# 1607
 Delta R.T. 0.00 min
 Lab File: BF108251.D
 Acq: 17 Aug 2018 18:55

Tgt Ion:167	Resp: 963522
Ion Ratio	Lower Upper
167 100	
166 22.6	17.6 26.4
139 13.3	10.9 16.3





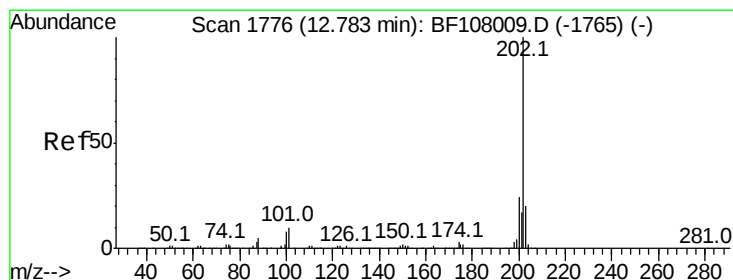
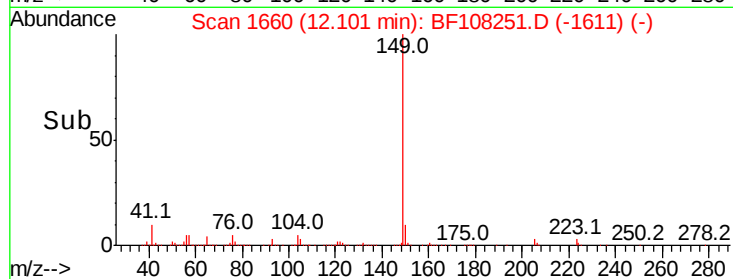
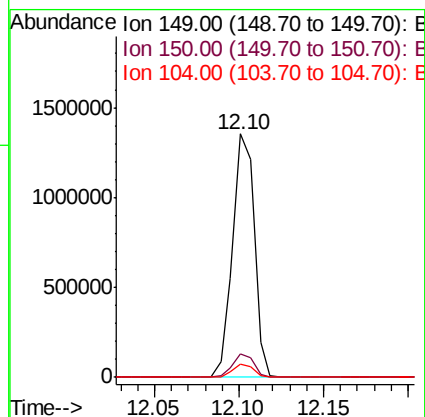
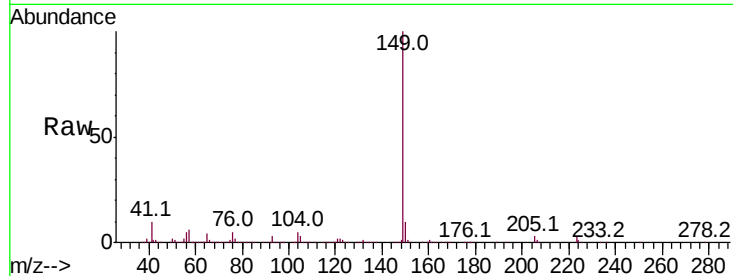
#73
Di-n-butylphthalate
Concen: 48.119 ng
RT: 12.10 min Scan# 1660
Delta R.T. -0.01 min
Lab File: BF108251.D
Acq: 17 Aug 2018 18:55

Instrument :
BNA_F
ClientSampleId :
RA-081318-FL-020MS

Tot Ion	Ratio	Lower	Upper
149	100		
150	9.6	7.8	11.6
104	5.4	3.8	5.8

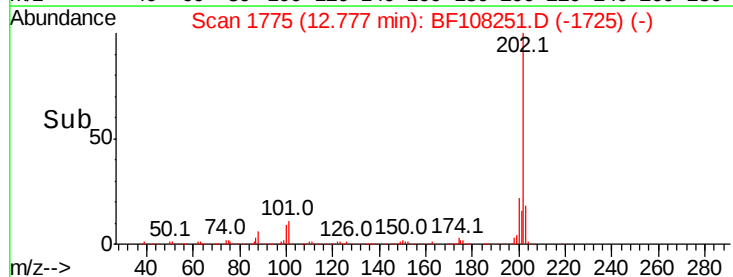
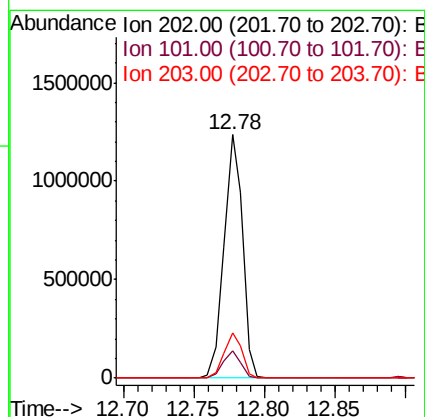
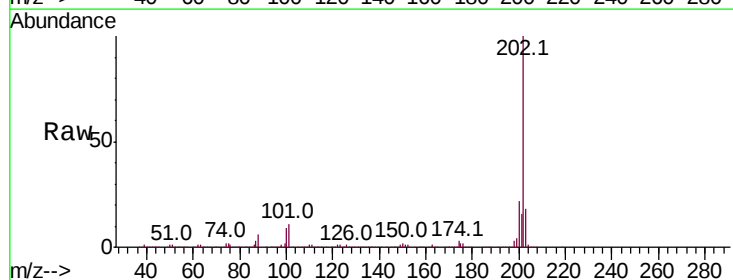
Manual Integrations
APPROVED

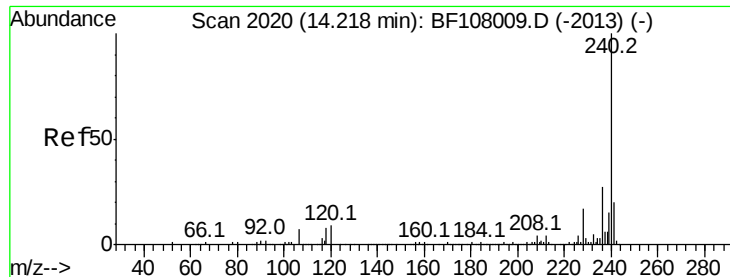
Sohil
8/20/2018 12:48:28 PM



#74
Fluoranthene
Concen: 42.244 ng
RT: 12.78 min Scan# 1775
Delta R.T. -0.01 min
Lab File: BF108251.D
Acq: 17 Aug 2018 18:55

Tgt Ion	Ratio	Lower	Upper
202	100		
101	11.3	0.0	34.1
203	18.4	0.0	38.1





#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.21 min Scan# 2019

Delta R.T. -0.01 min

Lab File: BF108251.D

Acq: 17 Aug 2018 18:55

Instrument :

BNA_F

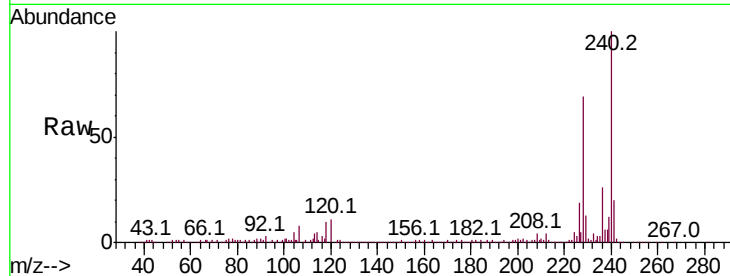
ClientSampleId :

RA-081318-FL-020MS

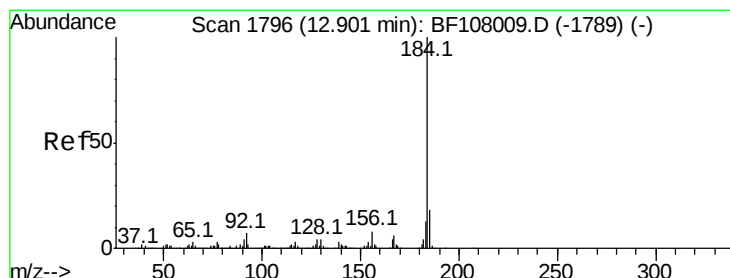
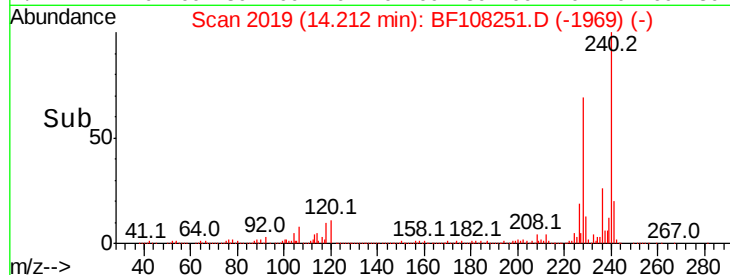
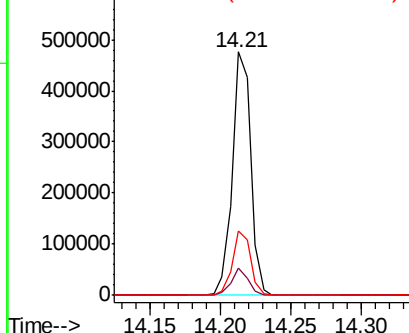
Tot Ion:	240	Resp:	434894
Ion Ratio	Lower	Upper	
240	100		
120	11.0	9.5	14.3
236	26.3	20.7	31.1

Manual Integrations
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Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 51.447 ng

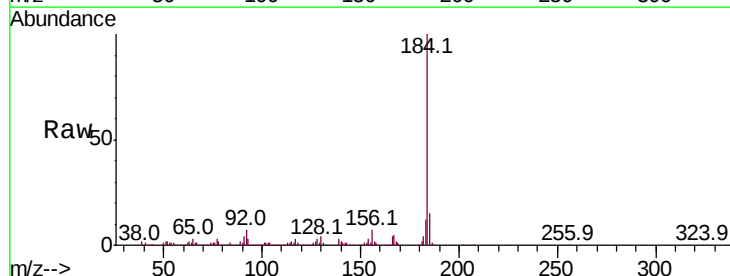
RT: 12.89 min Scan# 1795

Delta R.T. -0.01 min

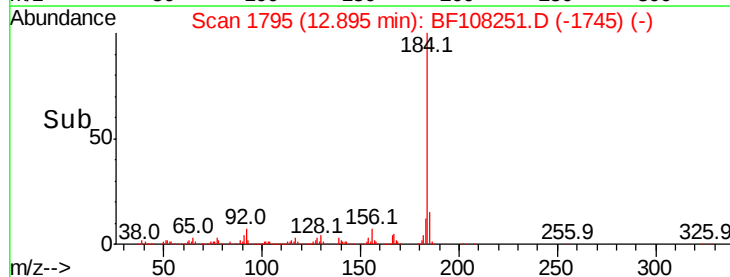
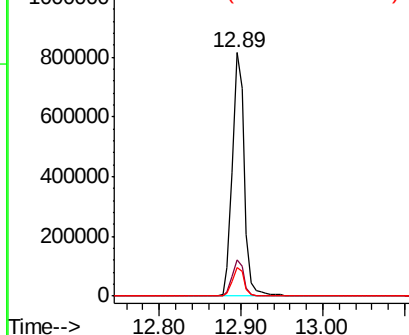
Lab File: BF108251.D

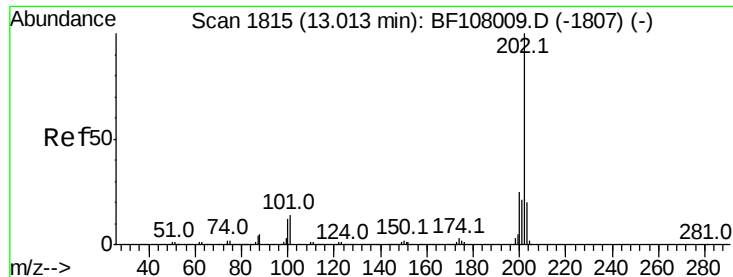
Acq: 17 Aug 2018 18:55

Tgt Ion:	184	Resp:	835943
Ion Ratio	Lower	Upper	
184	100		
185	14.8	12.6	18.8
183	11.7	9.3	13.9



Abundance Ion 184.00 (183.70 to 184.70): E
Ion 185.00 (184.70 to 185.70): E
Ion 183.00 (182.70 to 183.70): E





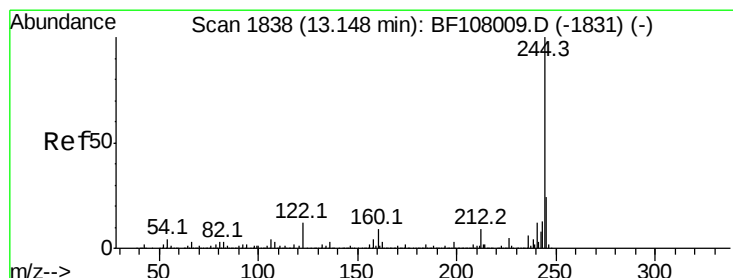
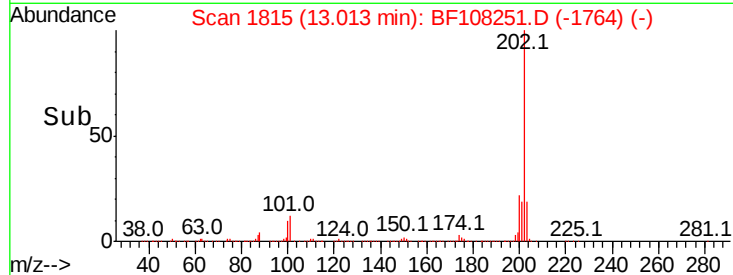
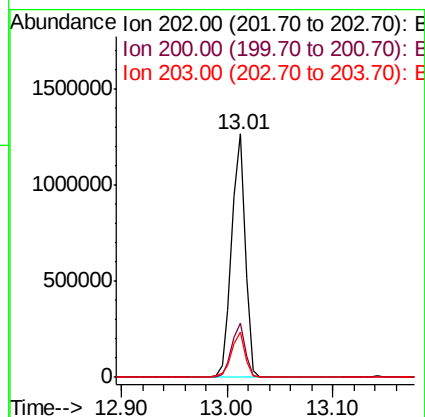
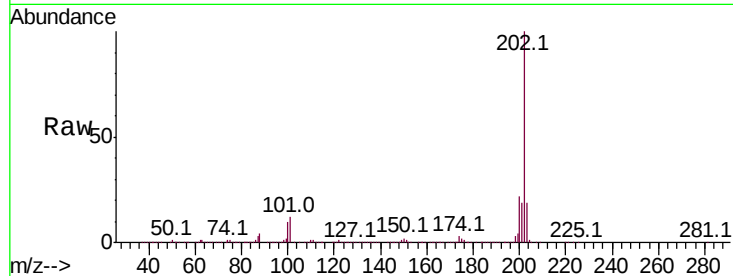
#77
Pvrene
Concen: 40.978 ng
RT: 13.01 min Scan# 1815
Delta R.T. 0.00 min
Lab File: BF108251.D
Acq: 17 Aug 2018 18:55

Instrument :
BNA_F
ClientSampleId :
RA-081318-FL-020MS

Tot Ion	Ratio	Lower	Upper
202	100		
200	22.4	17.4	26.2
203	18.5	14.3	21.5

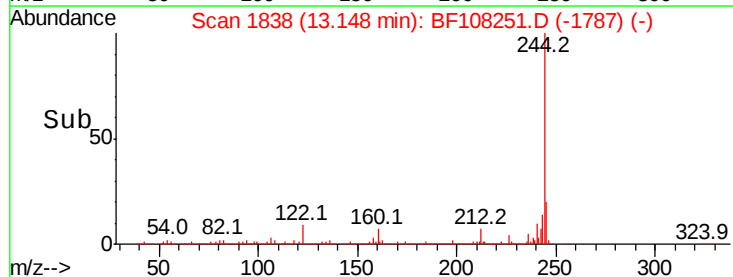
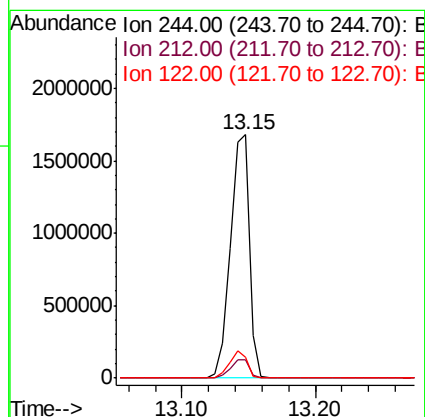
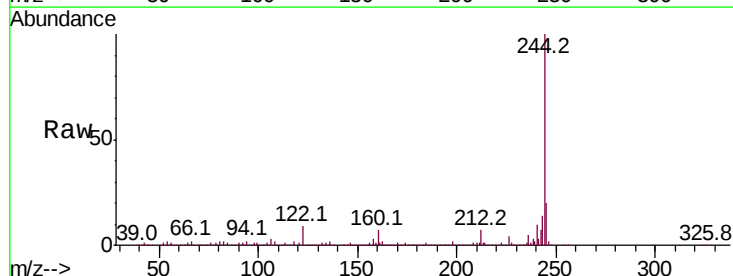
Manual Integrations
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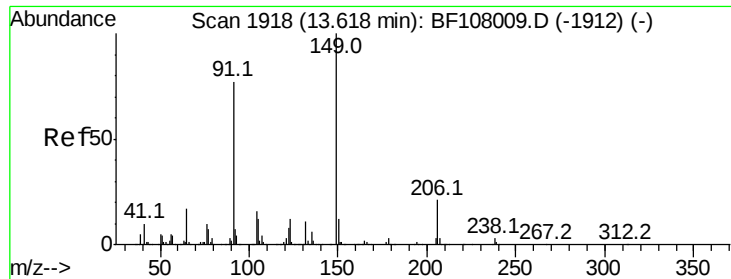
Sohil
8/20/2018 12:48:28 PM



#78
Terphenyl-d14
Concen: 98.865 ng
RT: 13.15 min Scan# 1838
Delta R.T. 0.00 min
Lab File: BF108251.D
Acq: 17 Aug 2018 18:55

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.3	5.4	8.0
122	8.8	11.0	16.4





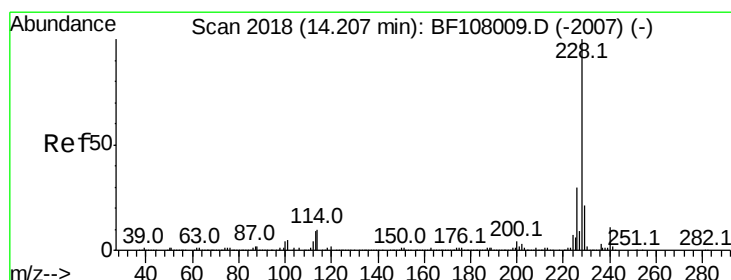
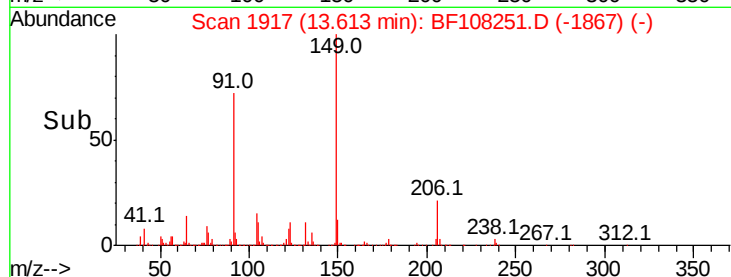
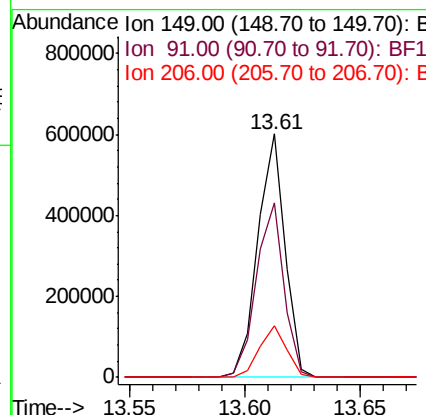
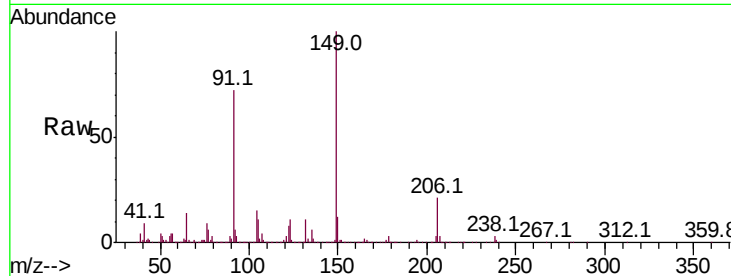
#79
Butylbenzylphthalate
Concen: 45.511 ng
RT: 13.61 min Scan# 1917
Delta R.T. -0.01 min
Lab File: BF108251.D
Acq: 17 Aug 2018 18:55

Instrument :
BNA_F
ClientSampleId :
RA-081318-FL-020MS

Tot Ion	Ratio	Resp	Lower	Upper
149	100	497571		
91	71.8	56.8	85.2	
206	21.2	14.1	21.1	

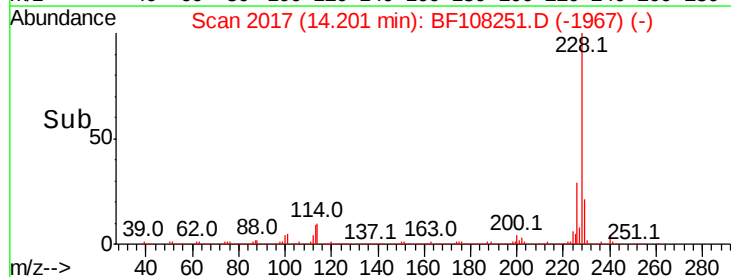
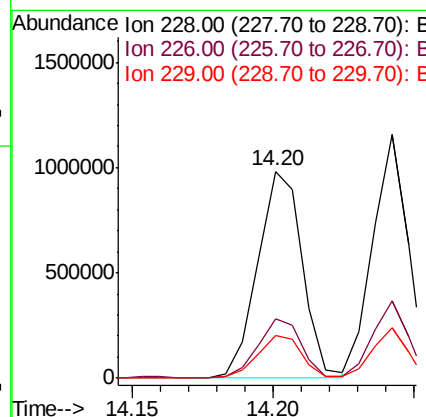
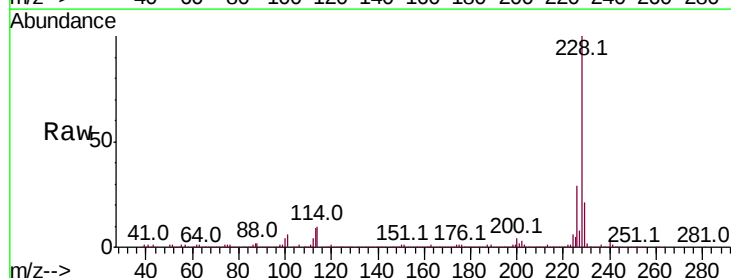
Manual Integrations
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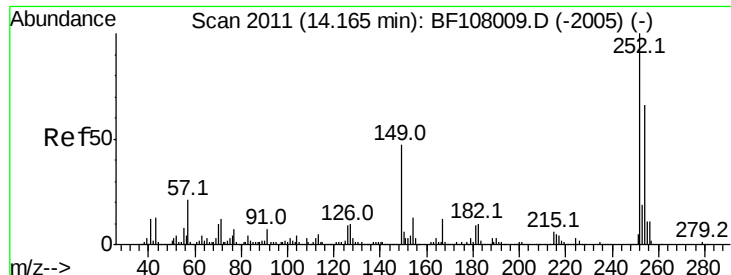
Sohil
8/20/2018 12:48:28 PM



#80
Benzo(a)anthracene
Concen: 42.916 ng
RT: 14.20 min Scan# 2017
Delta R.T. -0.01 min
Lab File: BF108251.D
Acq: 17 Aug 2018 18:55

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	1071110		
226	28.7	22.6	33.8	
229	20.6	15.8	23.6	





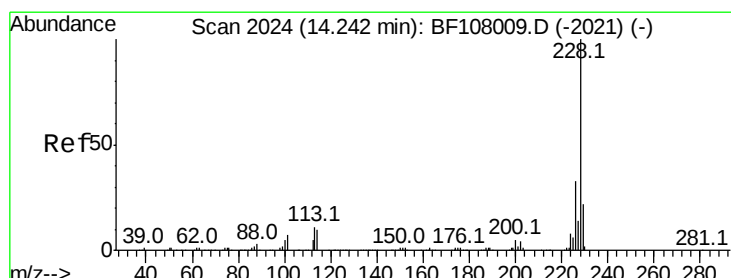
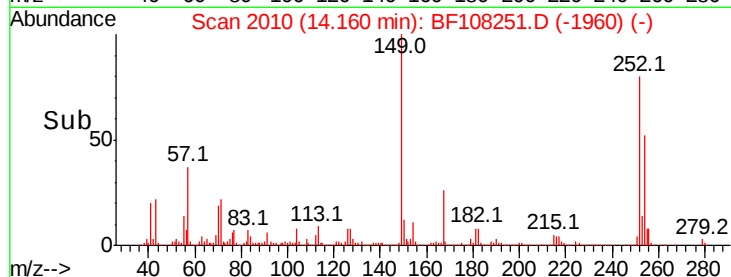
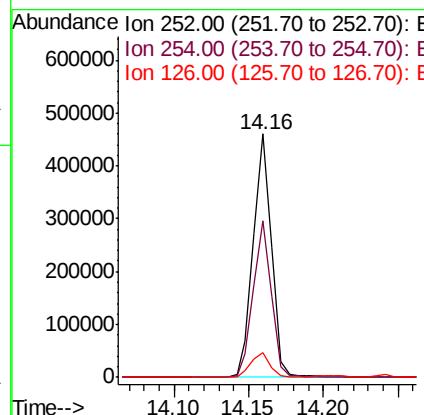
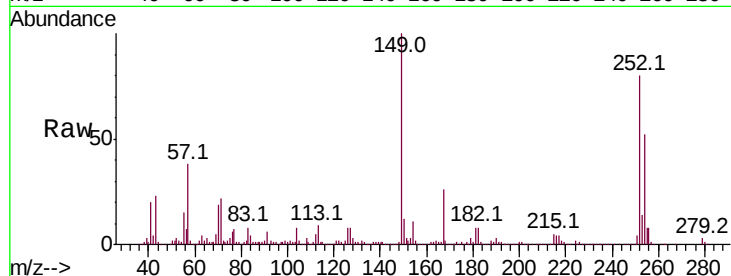
#81
 3,3'-Dichlorobenzidine
 Concen: 43.390 ng
 RT: 14.16 min Scan# 2010
 Delta R.T. -0.01 min
 Lab File: BF108251.D
 Acq: 17 Aug 2018 18:55

Instrument :
 BNA_F
 ClientSampleId :
 RA-081318-FL-020MS

Tot Ion	Ratio	Resp Lower	Upper
252	100		
254	64.5	50.4	75.6
126	10.2	11.3	16.9

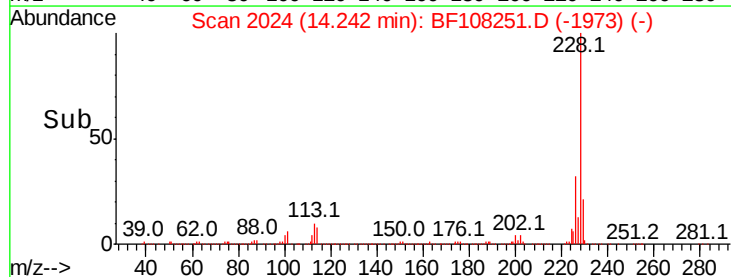
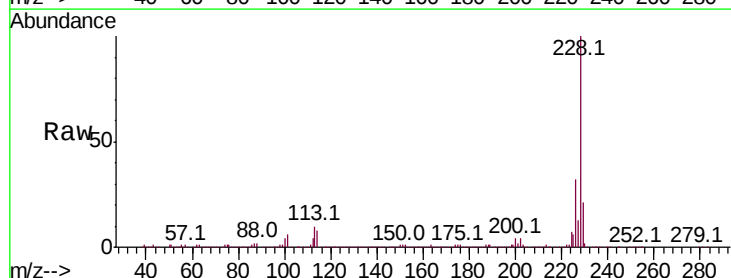
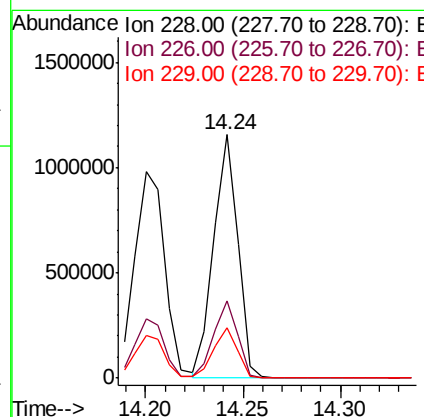
Manual Integrations
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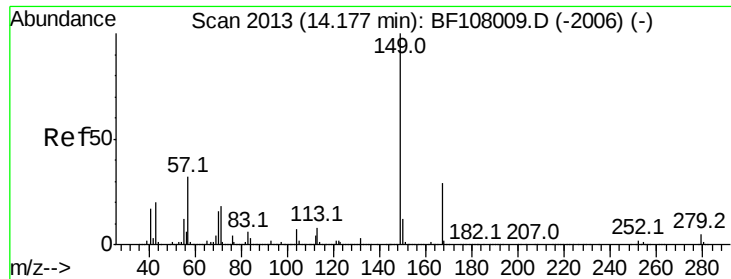
Sohil
 8/20/2018 12:48:28 PM



#82
 Chrysene
 Concen: 43.381 ng
 RT: 14.24 min Scan# 2024
 Delta R.T. 0.00 min
 Lab File: BF108251.D
 Acq: 17 Aug 2018 18:55

Tgt Ion	Ratio	Resp Lower	Upper
228	100		
226	31.7	25.0	37.6
229	20.6	16.2	24.4





#83

Bis(2-ethylhexyl)phthalate

Concen: 45.216 ng

RT: 14.17 min Scan# 2011

Delta R.T. -0.01 min

Lab File: BF108251.D

Acq: 17 Aug 2018 18:55

Instrument :

BNA_F

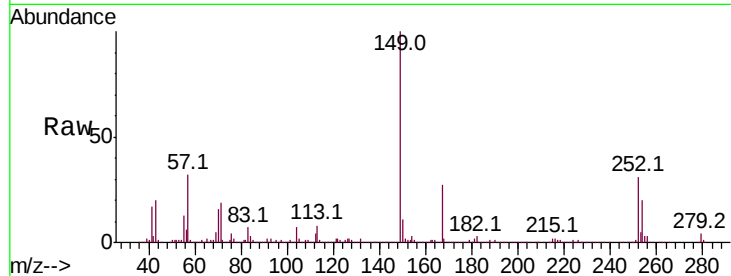
ClientSampleId :

RA-081318-FL-020MS

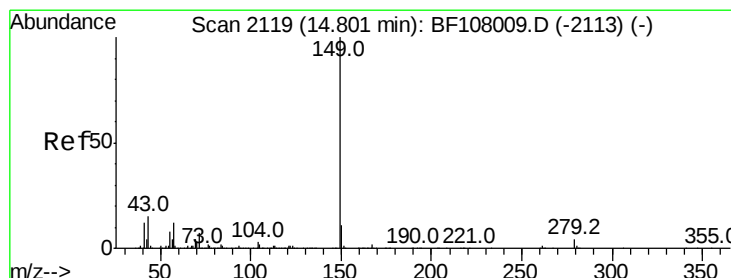
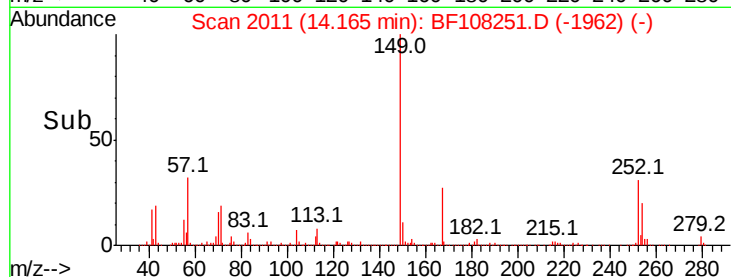
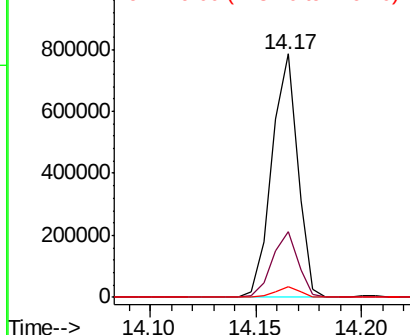
Tot Ion:	149	Resp:	669436
Ion Ratio	Lower	Upper	
149	100		
167	27.2	21.3	31.9
279	4.3	3.0	4.4

Manual Integrations
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8/20/2018 12:48:28 PM



Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 279.00 (278.70 to 279.70): E



#84

Di-n-octyl phthalate

Concen: 52.470 ng

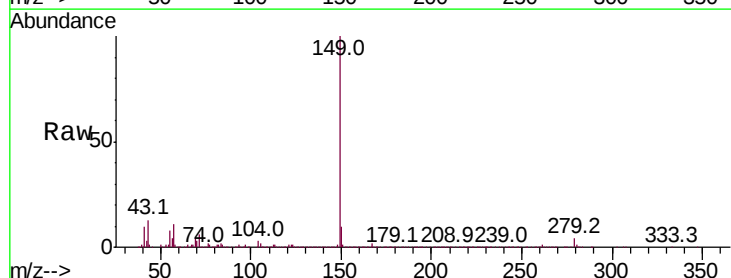
RT: 14.79 min Scan# 2117

Delta R.T. -0.01 min

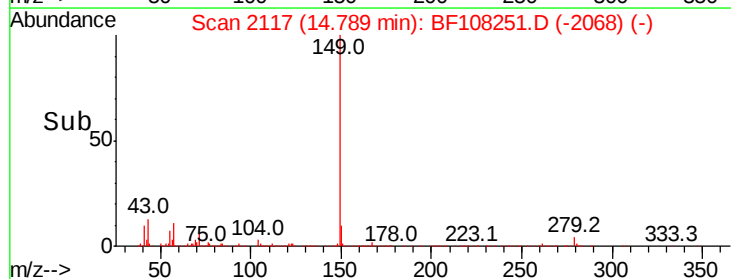
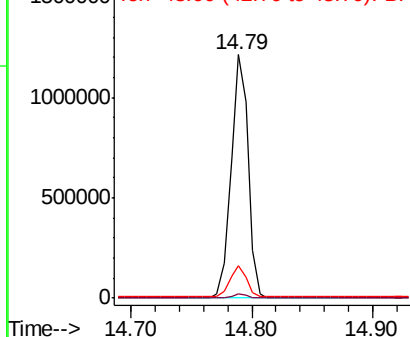
Lab File: BF108251.D

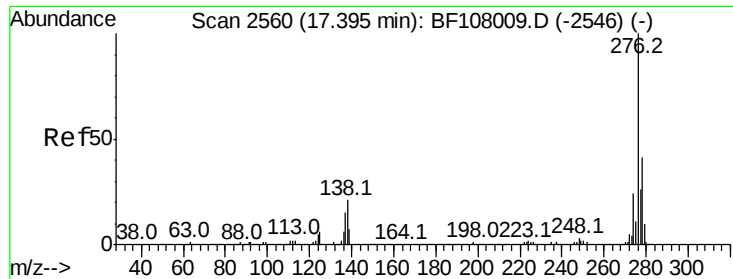
Acq: 17 Aug 2018 18:55

Tgt Ion:	149	Resp:	1184749
Ion Ratio	Lower	Upper	
149	100		
167	1.6	1.2	1.8
43	12.2	8.4	12.6



Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): BF1





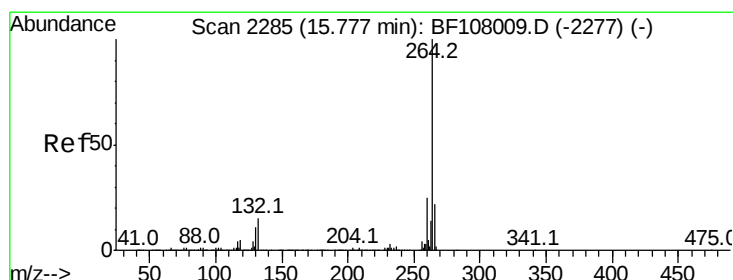
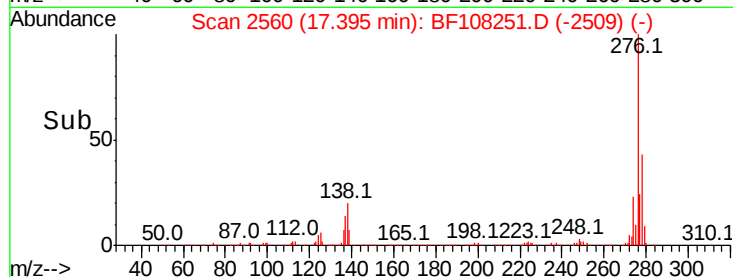
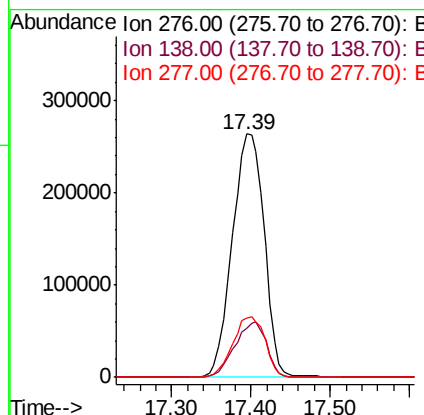
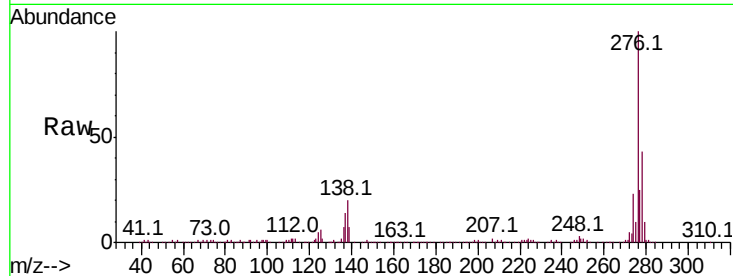
#85
Indeno(1,2,3-cd)pyrene
Concen: 37.134 ng
RT: 17.39 min Scan# 2560
Delta R.T. 0.00 min
Lab File: BF108251.D
Acq: 17 Aug 2018 18:55

Instrument :
BNA_F
ClientSampleId :
RA-081318-FL-020MS

Tot Ion	Ratio	Lower	Upper
276	100		
138	22.9	25.0	37.6#
277	25.5	20.1	30.1

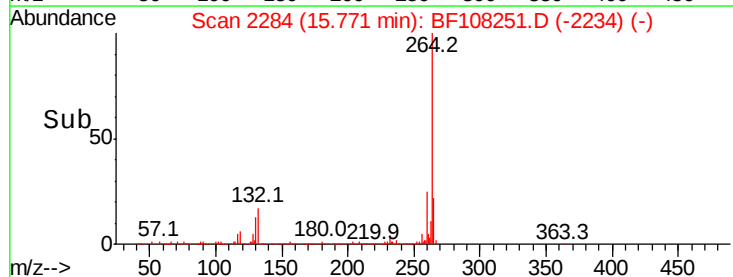
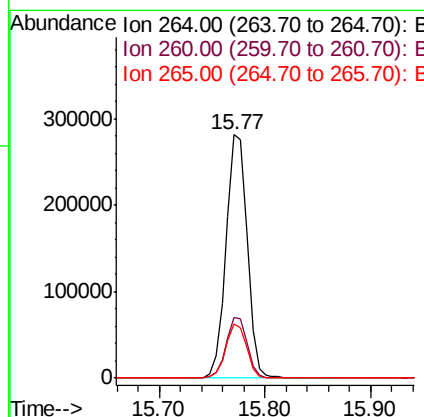
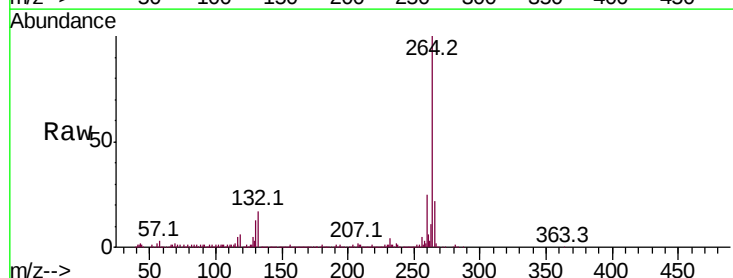
Manual Integrations
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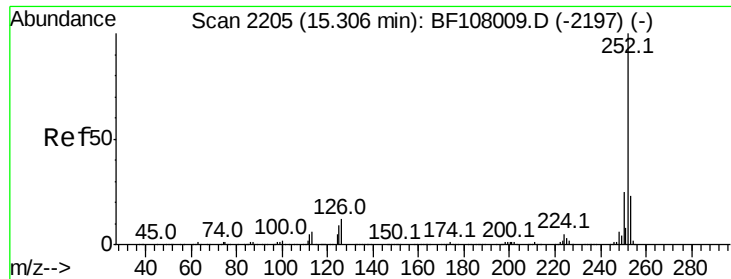
Sohil
8/20/2018 12:48:28 PM



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.77 min Scan# 2284
Delta R.T. -0.01 min
Lab File: BF108251.D
Acq: 17 Aug 2018 18:55

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.6	19.2	28.8
265	22.3	17.5	26.3





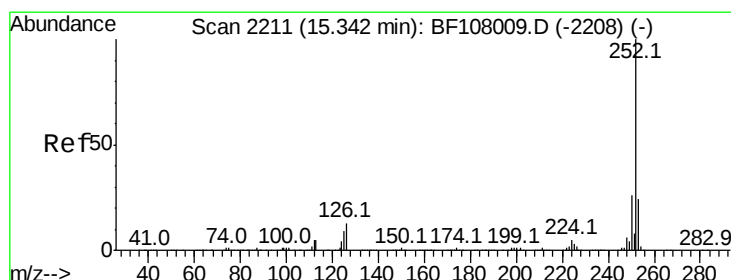
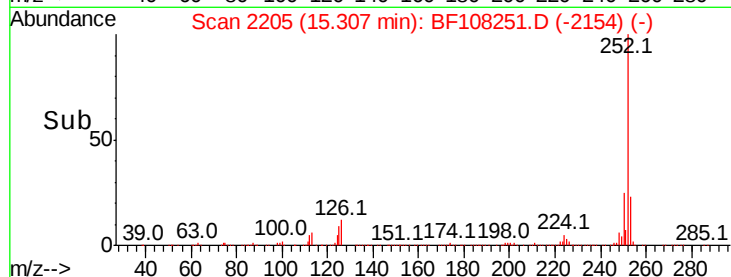
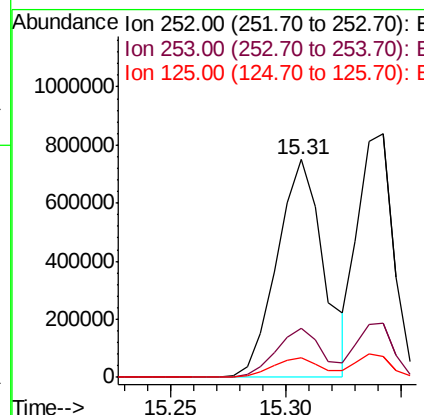
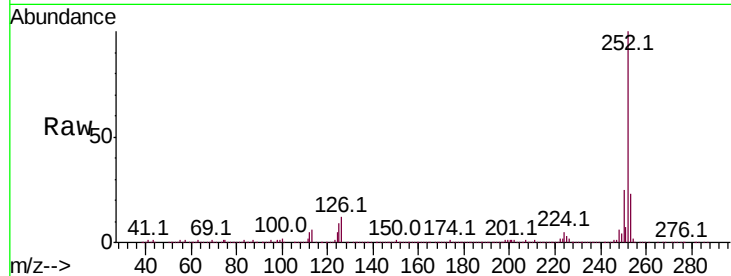
#87
Benzo(b)fluoranthene
Concen: 44.988 ng
RT: 15.31 min Scan# 2205
Delta R.T. 0.00 min
Lab File: BF108251.D
Acq: 17 Aug 2018 18:55

Instrument :
BNA_F
ClientSampleId :
RA-081318-FL-020MS

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.7	17.0	25.6
125	9.3	9.0	13.6

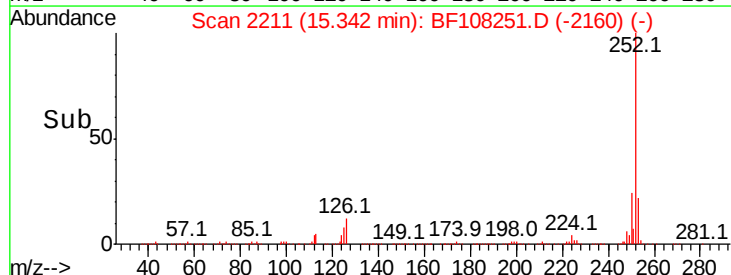
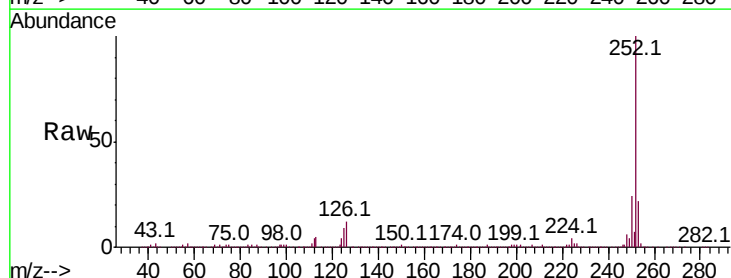
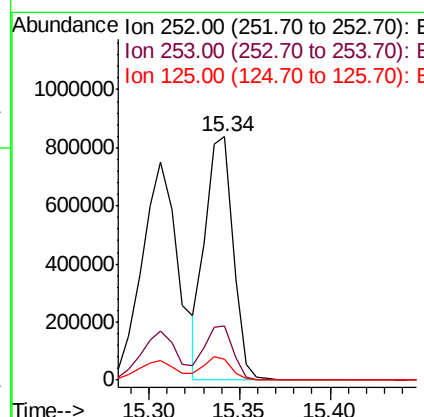
Manual Integrations
APPROVED

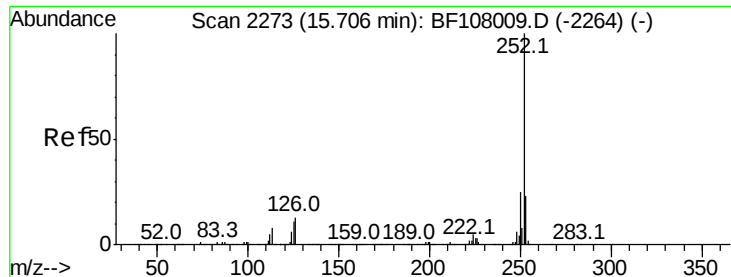
Sohil
8/20/2018 12:48:28 PM



#88
Benzo(k)fluoranthene
Concen: 41.476 ng
RT: 15.34 min Scan# 2211
Delta R.T. 0.00 min
Lab File: BF108251.D
Acq: 17 Aug 2018 18:55

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.5	17.9	26.9
125	8.5	10.2	15.2#





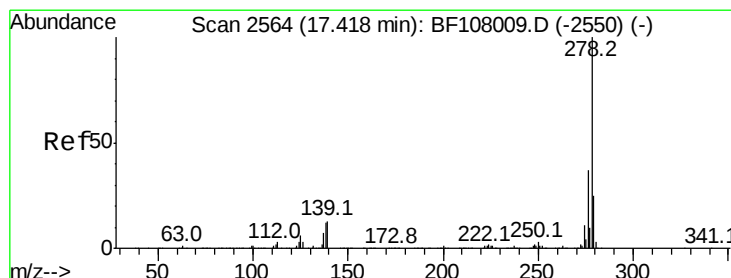
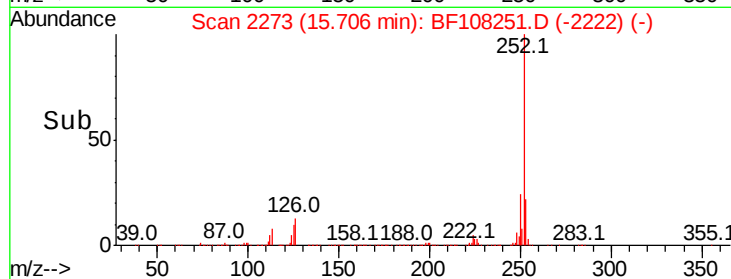
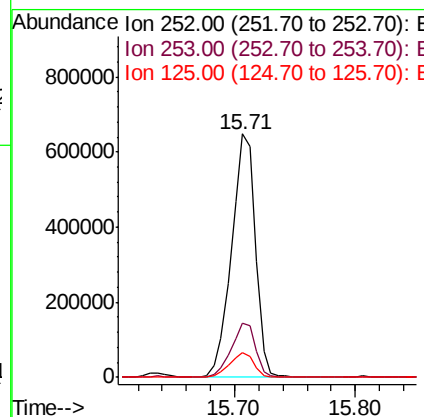
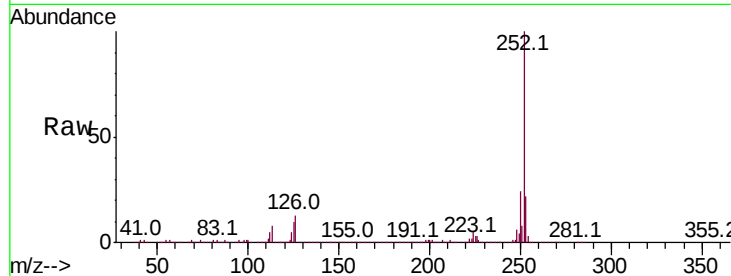
#89
Benzo(a)pyrene
Concen: 42.640 ng
RT: 15.71 min Scan# 2273
Delta R.T. 0.00 min
Lab File: BF108251.D
Acq: 17 Aug 2018 18:55

Instrument :
BNA_F
ClientSampleId :
RA-081318-FL-020MS

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.3	17.1	25.7
125	10.1	9.8	14.6

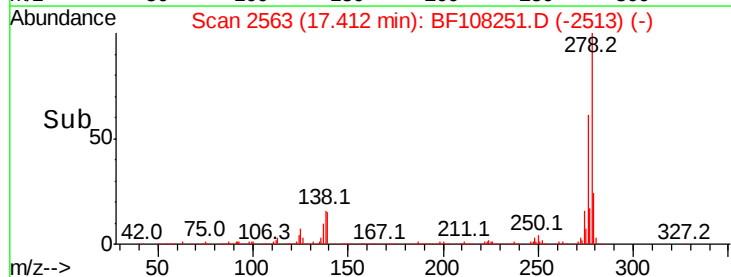
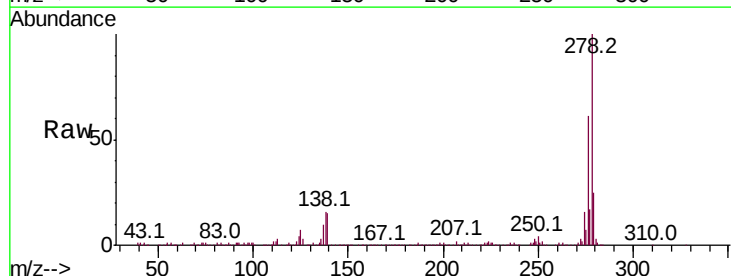
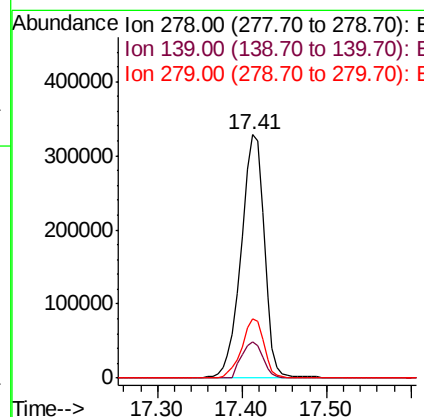
Manual Integrations
APPROVED

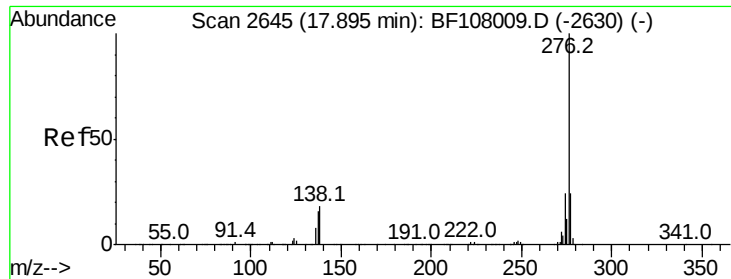
Sohil
8/20/2018 12:48:28 PM



#90
Dibenzo(a,h)anthracene
Concen: 35.847 ng
RT: 17.41 min Scan# 2563
Delta R.T. -0.01 min
Lab File: BF108251.D
Acq: 17 Aug 2018 18:55

Tgt Ion	Ratio	Lower	Upper
278	100		
139	15.1	15.9	23.9#
279	24.6	19.0	28.4





#91
 Benzo(a,h,i)perylene
 Concen: 34.427 ng
 RT: 17.89 min Scan# 2645
 Delta R.T. 0.00 min
 Lab File: BF108251.D
 Acq: 17 Aug 2018 18:55

Instrument :
 BNA_F
 ClientSampleId :
 RA-081318-FL-020MS

Tot Ion:	276	Resp:	587464
Ion Ratio	Lower	Upper	
276	100		
277	23.1	17.9	26.9
138	19.2	21.8	32.8#

Manual Integrations
 APPROVED

Sohil
 8/20/2018 12:48:28 PM

