

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF081718\
 Data File : BF108232.D
 Acq On : 17 Aug 2018 10:04
 Operator : JU/SJ
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Manual Integrations
 APPROVED

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

Quant Time: Aug 17 11:31:03 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	241787	20.00	ng	0.00
21) Naphthalene-d8	8.31	136	927955	20.00	ng	0.00
38) Acenaphthene-d10	10.07	164	468061	20.00	ng	0.00
63) Phenanthrene-d10	11.56	188	901820	20.00	ng	0.00
75) Chrysene-d12	14.22	240	624235	20.00	ng	0.00
86) Perylene-d12	15.78	264	475051	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.64	112	1029534	77.09	ng	0.01
7) Phenol-d6	6.64	99	1387457	78.18	ng	0.01
23) Nitrobenzene-d5	7.59	82	1323768	79.60	ng	0.01
41) 2,4,6-Tribromophenol	10.86	330	390841	83.71	ng	0.00
44) 2-Fluorobiphenyl	9.38	172	2269817	77.86	ng	0.00
78) Terphenyl-d14	13.15	244	2125437	86.57	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.91	88	253361	36.921	ng	91
3) Pyridine	3.69	79	662746	37.491	ng	86
4) n-Nitrosodimethylamine	3.67	42	352859	35.474	ng	85
6) Aniline	6.69	93	952721	39.467	ng	98
8) 2-Chlorophenol	6.81	128	593602	39.465	ng	97
9) Benzaldehyde	6.58	77	504348	36.654	ng	99
10) Phenol	6.65	94	716244	39.017	ng	88
11) bis(2-Chloroethyl)ether	6.75	93	577922	38.941	ng	92
12) 1,3-Dichlorobenzene	6.96	146	679449	39.067	ng	98
13) 1,4-Dichlorobenzene	7.04	146	673221	38.527	ng	99
14) 1,2-Dichlorobenzene	7.19	146	624499	38.422	ng	99
15) Benzyl Alcohol	7.16	79	568980	38.084	ng	97
16) 2,2'-oxybis(1-Chloropropan	7.28	45	1117994	36.567	ng	97
17) 2-Methylphenol	7.26	107	498785	38.669	ng	95
18) Hexachloroethane	7.53	117	246503	39.625	ng	94
19) n-Nitroso-di-n-propylamine	7.43	70	440096	36.671	ng	91
20) 3+4-Methylphenols	7.42	107	619103	37.454	ng	# 81
22) Acetophenone	7.43	105	823171	37.938	ng	# 94
24) Nitrobenzene	7.61	77	666903	39.659	ng	97
25) Isophorone	7.84	82	1215885	38.360	ng	97
26) 2-Nitrophenol	7.92	139	280668	44.196	ng	92
27) 2,4-Dimethylphenol	7.94	122	547733	38.935	ng	96
28) bis(2-Chloroethoxy)methane	8.04	93	716864	38.742	ng	99
29) 2,4-Dichlorophenol	8.15	162	521540	40.285	ng	99
30) 1,2,4-Trichlorobenzene	8.24	180	556645	38.998	ng	97
31) Naphthalene	8.33	128	1642563	38.922	ng	98
32) Benzoic acid	8.07	122	282705	36.294	ng	98
33) 4-Chloroaniline	8.37	127	711043	38.662	ng	97
34) Hexachlorobutadiene	8.44	225	352142	38.971	ng	98
35) Caprolactam	8.75	113	157199	38.747	ng	# 74
36) 4-Chloro-3-methylphenol	8.85	107	536199	38.393	ng	99
37) 2-Methylnaphthalene	9.02	142	1127279	37.755	ng	97
39) 1,2,4,5-Tetrachlorobenzene	9.18	216	574093	39.941	ng	98
40) Hexachlorocyclopentadiene	9.17	237	337678	36.372	ng	98

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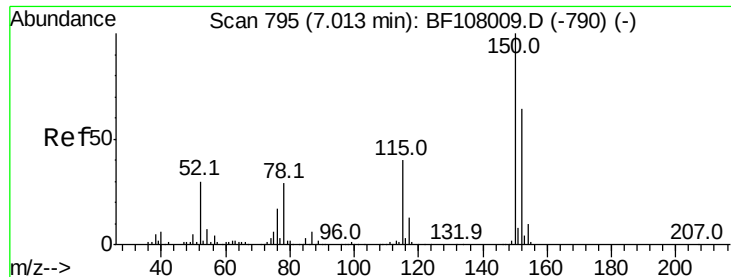
Manual Integrations
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 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF080818.M
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.29	196	378695	42.457	nq	99
43) 2,4,5-Trichlorophenol	9.33	196	399074	40.644	nq	97
45) 1,1'-Biphenyl	9.48	154	1351468	39.161	nq	99
46) 2-Chloronaphthalene	9.51	162	1065009	39.046	nq	97
47) 2-Nitroaniline	9.61	65	368374	41.741	nq	93
48) Acenaphthylene	9.93	152	1682437	39.017	nq	97
49) Dimethylphthalate	9.78	163	1255429	38.505	nq	# 98
50) 2,6-Dinitrotoluene	9.85	165	273246	40.057	nq	99
51) Acenaphthene	10.10	154	1036209	39.234	nq	99
52) 3-Nitroaniline	10.02	138	303336	40.642	nq	95
53) 2,4-Dinitrophenol	10.12	184	102559	43.669	nq	# 21
54) Dibenzofuran	10.27	168	1469840	38.413	nq	94
55) 4-Nitrophenol	10.17	139	223978	39.630	nq	92
56) 2,4-Dinitrotoluene	10.25	165	364918	41.560	nq	# 99
57) Fluorene	10.62	166	1161633	38.350	nq	99
58) 2,3,4,6-Tetrachlorophenol	10.39	232	338479	41.244	nq	# 86
59) Diethylphthalate	10.48	149	1182343	37.449	nq	95
60) 4-Chlorophenyl-phenylether	10.60	204	603452	38.233	nq	94
61) 4-Nitroaniline	10.64	138	303591	41.142	nq	96
62) Azobenzene	10.77	77	1211313	37.151	nq	92
64) 4,6-Dinitro-2-methylphenol	10.67	198	137652	41.476	nq	83
65) n-Nitrosodiphenylamine	10.72	169	1057453	39.680	nq	97
66) 4-Bromophenyl-phenylether	11.09	248	389853	39.779	nq	90
67) Hexachlorobenzene	11.17	284	409324	39.696	nq	# 90
68) Atrazine	11.25	200	356138	39.843	nq	96
69) Pentachlorophenol	11.36	266	202005	40.929	nq	99
70) Phenanthrene	11.59	178	1663789	39.115	nq	98
71) Anthracene	11.64	178	1720691	39.469	nq	98
72) Carbazole	11.79	167	1503385	38.813	nq	98
73) Di-n-butylphthalate	12.11	149	1754724	39.995	nq	98
74) Fluoranthene	12.78	202	1794890	38.664	nq	96
76) Benzidine	12.90	184	1019569	43.715	nq	99
77) Pyrene	13.02	202	1774548	44.902	nq	98
79) Butylbenzylphthalate	13.61	149	709519	45.213	nq	95
80) Benzo(a)anthracene	14.21	228	1423762	39.742	nq	99
81) 3,3'-Dichlorobenzidine	14.16	252	498473	38.826	nq	# 98
82) Chrysene	14.25	228	1300533	39.597	nq	99
83) Bis(2-ethylhexyl)phthalate	14.17	149	846675	39.841	nq	99
84) Di-n-octyl phthalate	14.79	149	1268604	39.142	nq	96
85) Indeno(1,2,3-cd)pyrene	17.41	276	1166513	40.991	nq	# 91
87) Benzo(b)fluoranthene	15.31	252	1143009	40.266	nq	96
88) Benzo(k)fluoranthene	15.34	252	982843	37.666	nq	# 96
89) Benzo(a)pyrene	15.71	252	1009803	39.726	nq	# 96
90) Dibenzo(a,h)anthracene	17.42	278	959997	45.645	nq	# 93
91) Benzo(g,h,i)perylene	17.91	276	991768m	47.889	nq	

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



#1

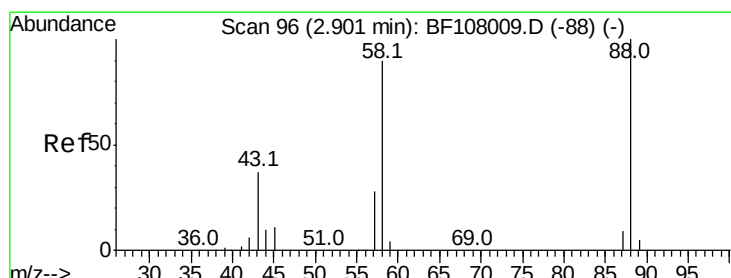
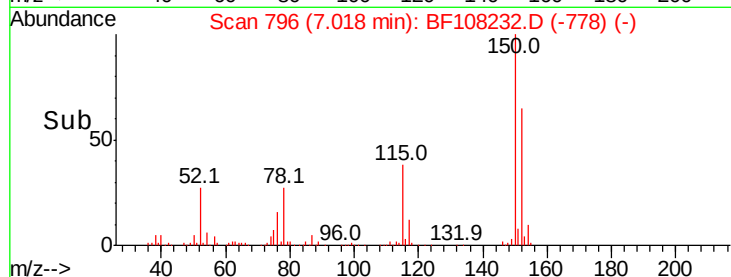
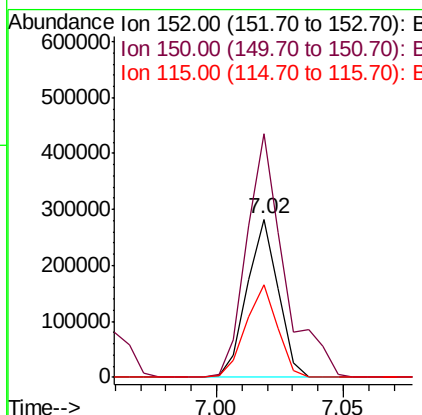
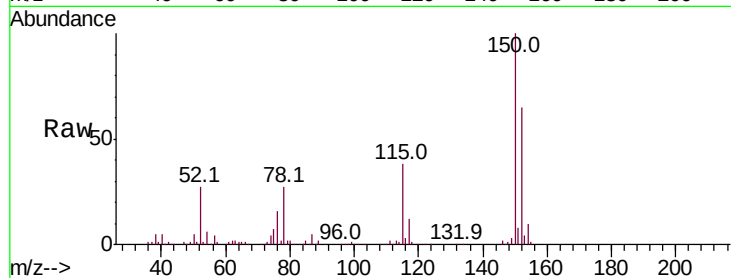
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.02 min Scan# 796
Delta R.T. 0.01 min
Lab File: BF108232.D
Acq: 17 Aug 2018 10:04

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
152	100		
150	154.1	124.6	186.8
115	58.5	50.1	75.1

Manual Integrations
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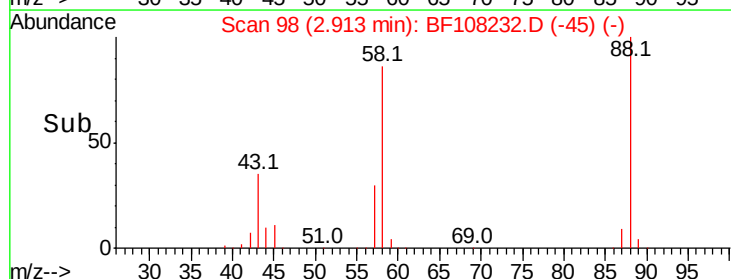
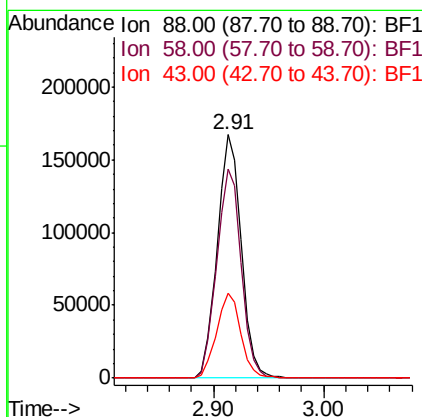
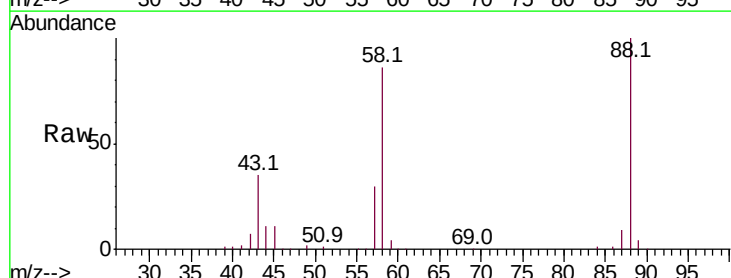
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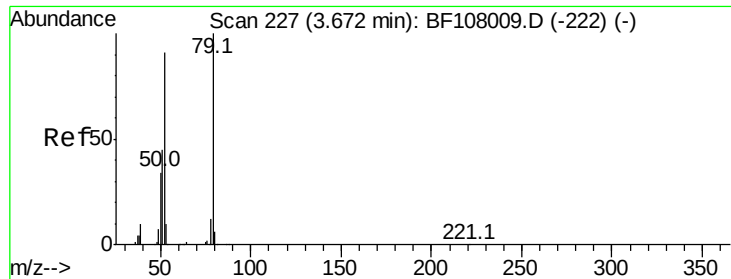


#2

1,4-Dioxane
Concen: 36.921 ng
RT: 2.91 min Scan# 98
Delta R.T. 0.01 min
Lab File: BF108232.D
Acq: 17 Aug 2018 10:04

Tgt Ion	Ratio	Lower	Upper
88	100		
58	86.6	62.6	93.8
43	35.1	24.6	37.0





#3

Pvridine

Concen: 37.491 ng

RT: 3.69 min Scan# 230

Delta R.T. 0.02 min

Lab File: BF108232.D

Acq: 17 Aug 2018 10:04

Instrument :

BNA_F

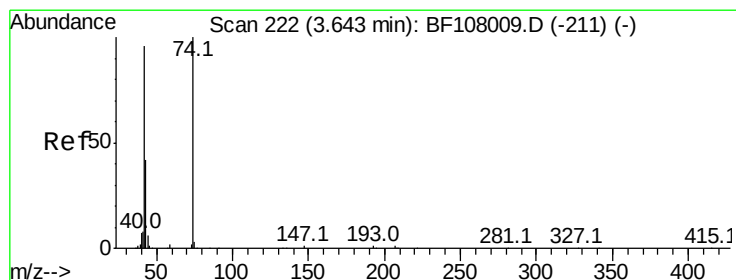
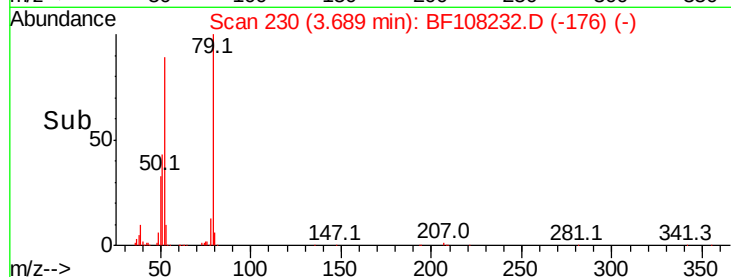
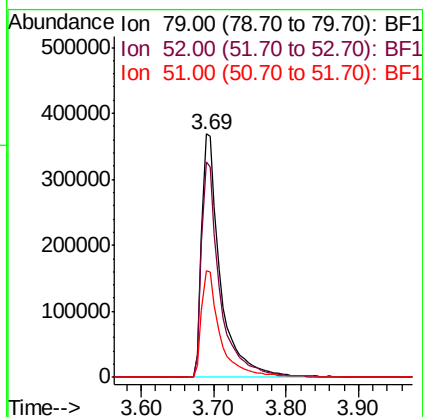
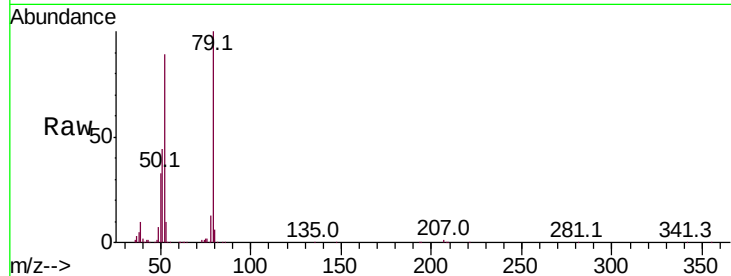
ClientSampleId :

SSTDCCC040

Tot Ion:	79	Resp:	662746
Ion Ratio	Lower	Upper	
79	100		
52	88.6	59.8	89.6
51	43.7	29.8	44.8

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#4

n-Nitrosodimethylamine

Concen: 35.474 ng

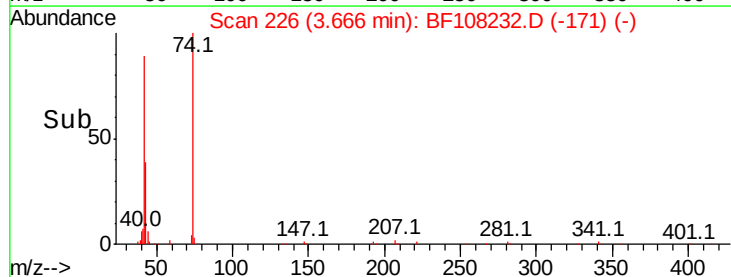
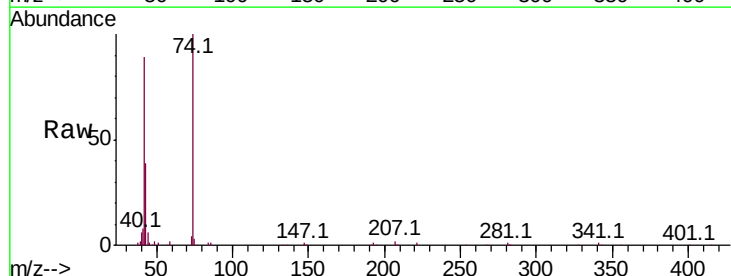
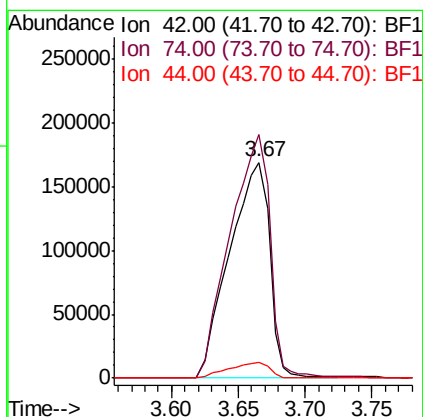
RT: 3.67 min Scan# 226

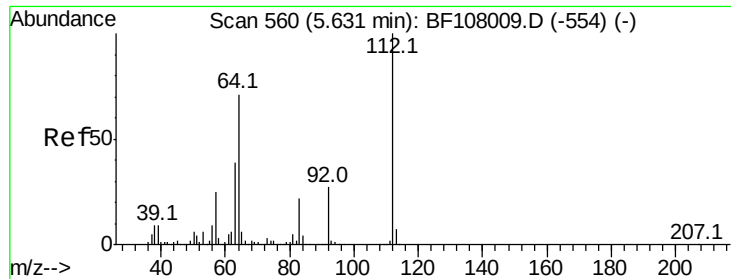
Delta R.T. 0.02 min

Lab File: BF108232.D

Acq: 17 Aug 2018 10:04

Tgt Ion:	42	Resp:	352859
Ion Ratio	Lower	Upper	
42	100		
74	112.9	104.9	157.3
44	7.0	6.9	10.3





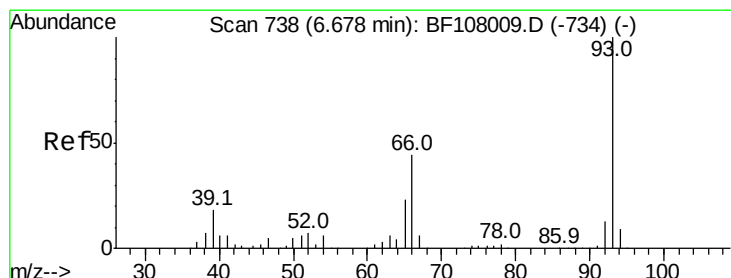
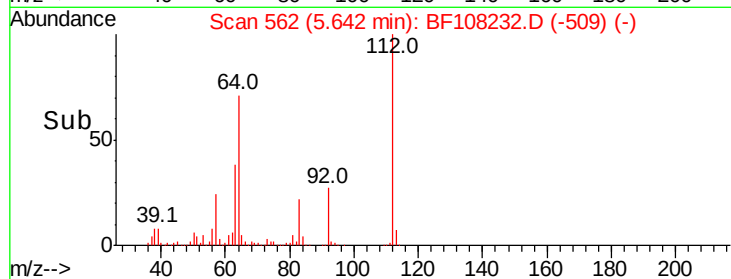
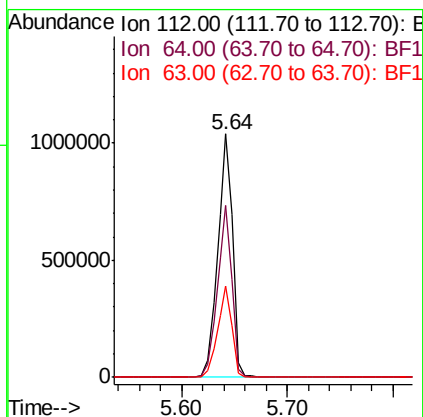
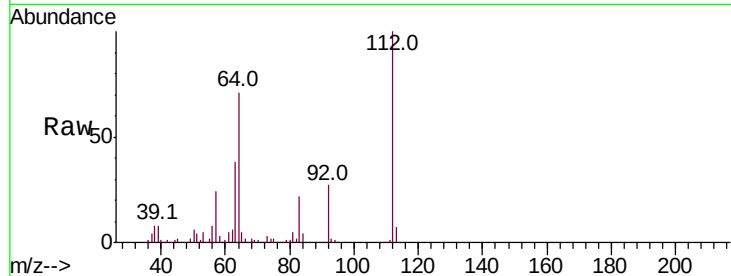
#5
2-Fluorophenol
Concen: 77.090 ng
RT: 5.64 min Scan# 562
Delta R.T. 0.01 min
Lab File: BF108232.D
Acq: 17 Aug 2018 10:04

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
112	100		
64	70.7	47.9	71.9
63	37.5	23.7	35.5

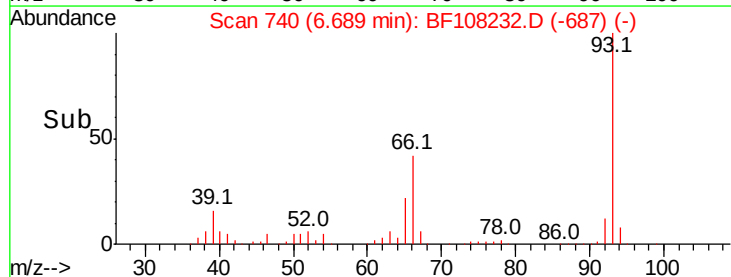
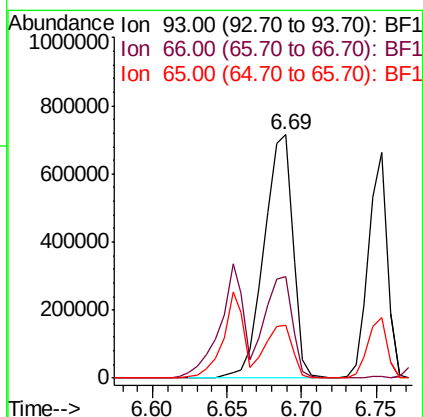
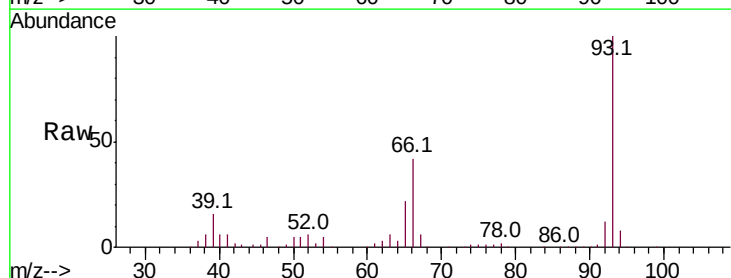
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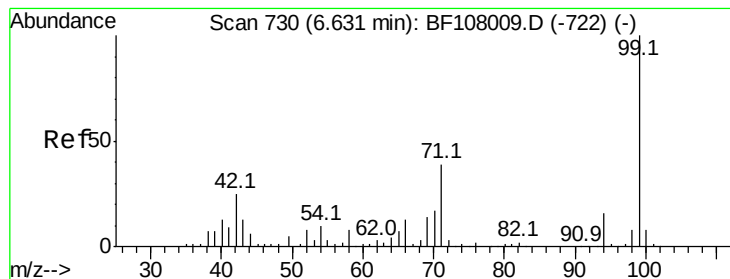
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#6
Aniline
Concen: 39.467 ng
RT: 6.69 min Scan# 740
Delta R.T. 0.01 min
Lab File: BF108232.D
Acq: 17 Aug 2018 10:04

Tgt Ion	Ratio	Lower	Upper
93	100		
66	41.5	32.2	48.2
65	21.9	16.4	24.6





#7

Phenol-d6

Concen: 78.180 ng

RT: 6.64 min Scan# 732

Delta R.T. 0.01 min

Lab File: BF108232.D

Acq: 17 Aug 2018 10:04

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion: 99 Resp: 1387457

Ion Ratio Lower Upper

99 100

42 23.3 14.5 21.7#

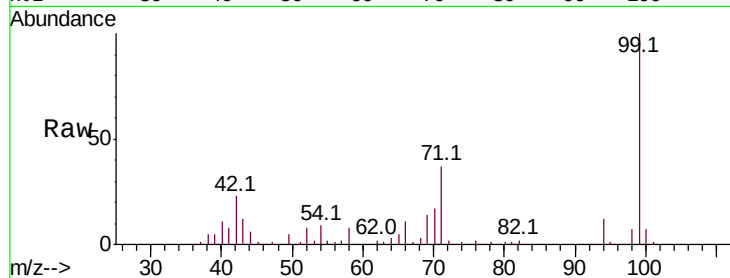
71 36.7 25.4 38.0

Manual Integrations

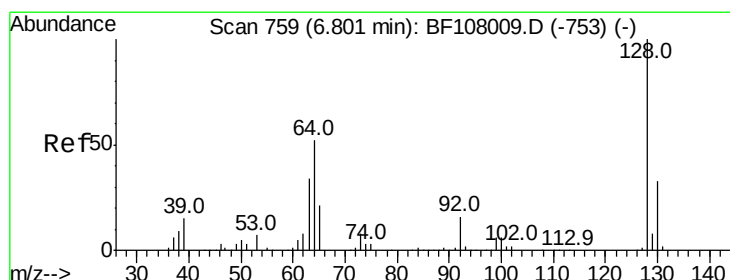
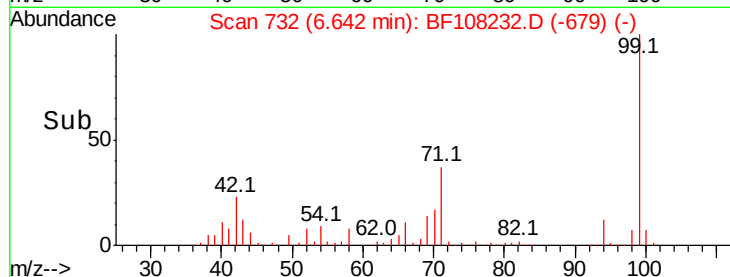
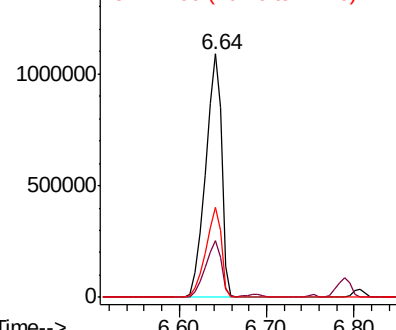
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Abundance Ion 99.00 (98.70 to 99.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 71.00 (70.70 to 71.70): BF1



#8

2-Chlorophenol

Concen: 39.465 ng

RT: 6.81 min Scan# 760

Delta R.T. 0.01 min

Lab File: BF108232.D

Acq: 17 Aug 2018 10:04

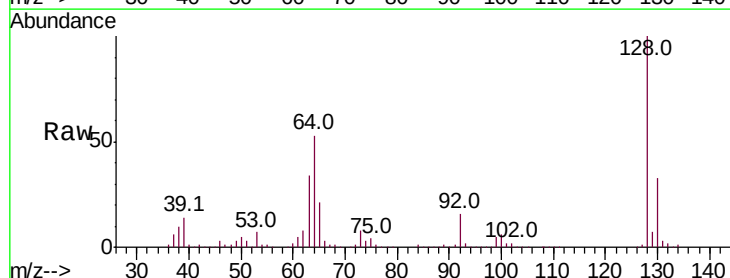
Tgt Ion:128 Resp: 593602

Ion Ratio Lower Upper

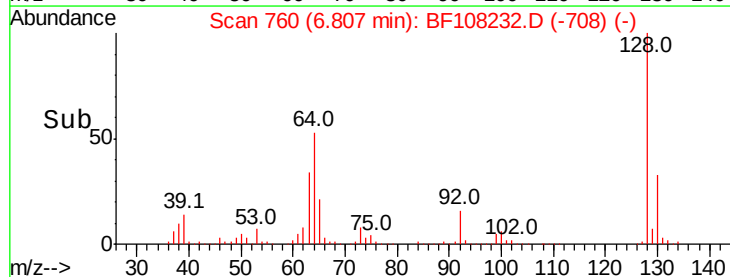
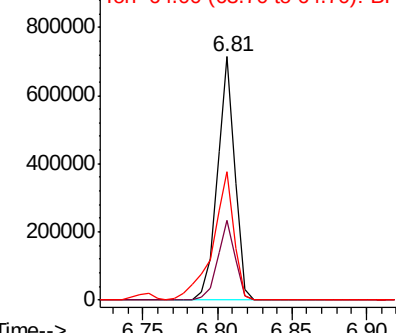
128 100

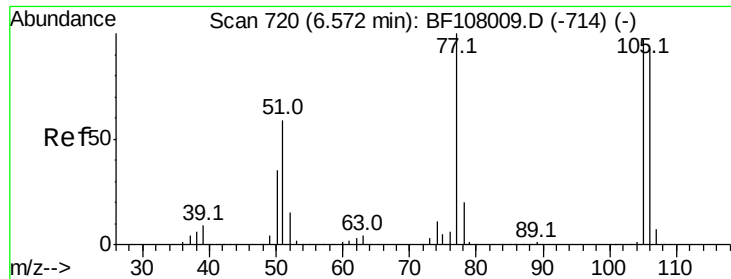
130 32.8 13.0 53.0

64 52.6 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: 36.654 ng

RT: 6.58 min Scan# 721

Delta R.T. 0.01 min

Lab File: BF108232.D

Acq: 17 Aug 2018 10:04

Instrument :

BNA_F

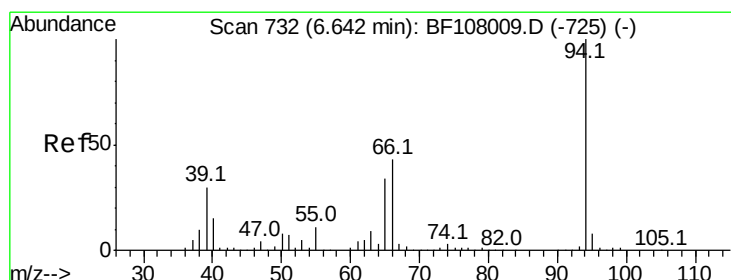
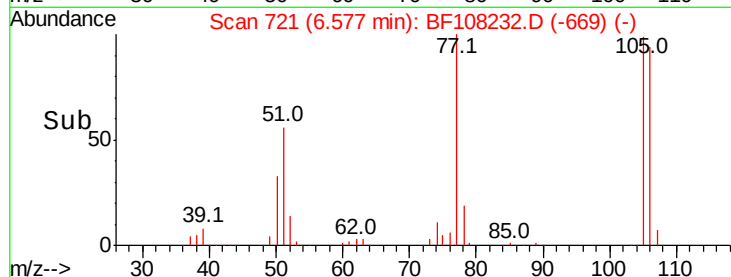
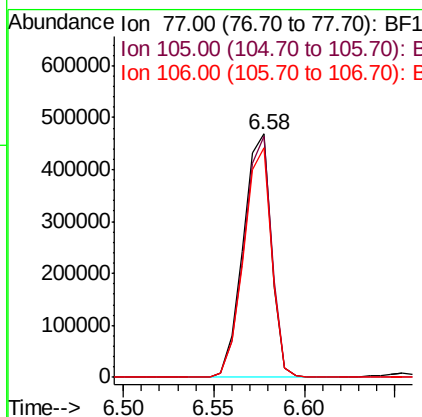
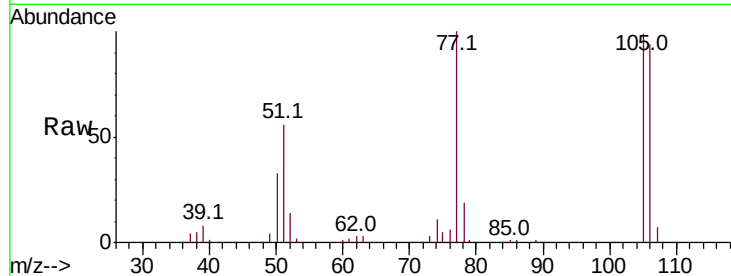
ClientSampleId :

SSTDCCC040

Tot Ion:	77	Resp:	504348
Ion	Ratio	Lower	Upper
77	100		
105	99.2	81.1	121.1
106	94.5	74.5	114.5

Manual Integrations
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#10

Phenol

Concen: 39.017 ng

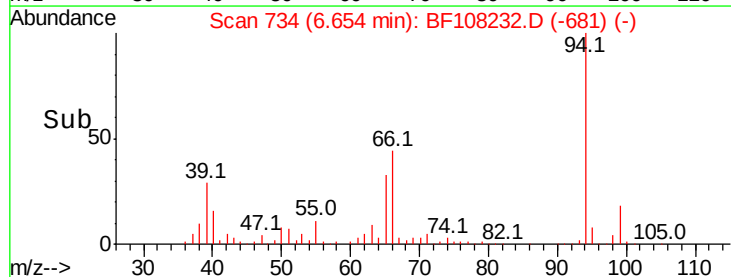
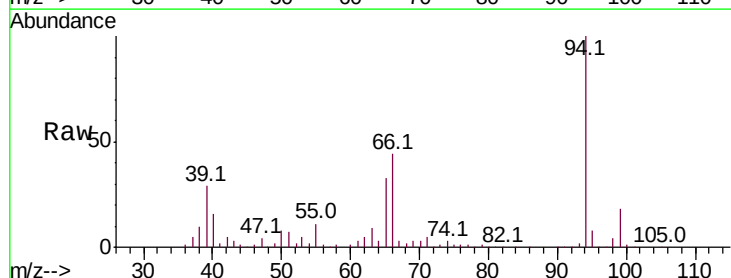
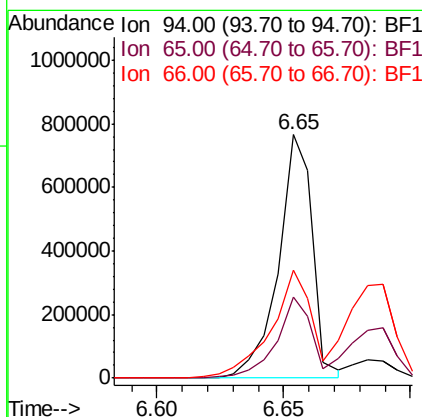
RT: 6.65 min Scan# 734

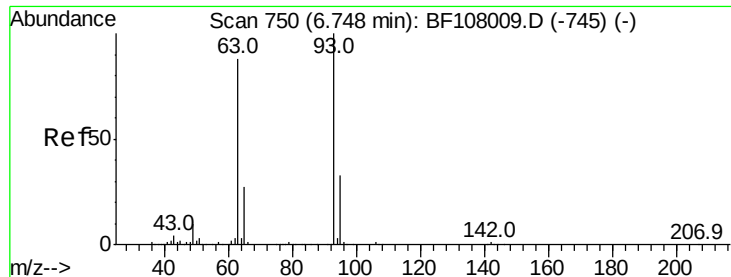
Delta R.T. 0.01 min

Lab File: BF108232.D

Acq: 17 Aug 2018 10:04

Tgt Ion:	94	Resp:	716244
Ion	Ratio	Lower	Upper
94	100		
65	33.2	7.9	47.9
66	44.1	16.2	56.2





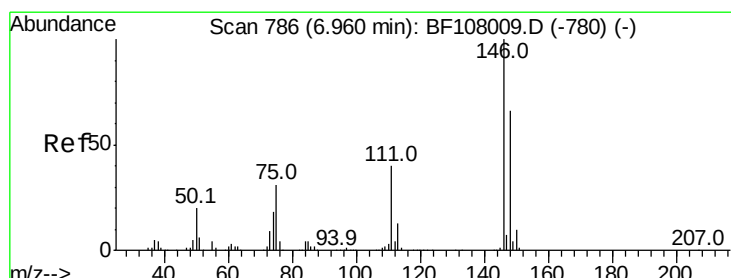
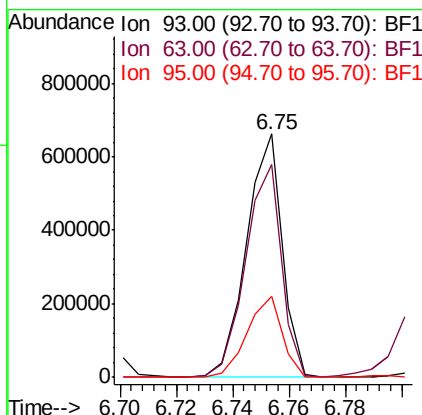
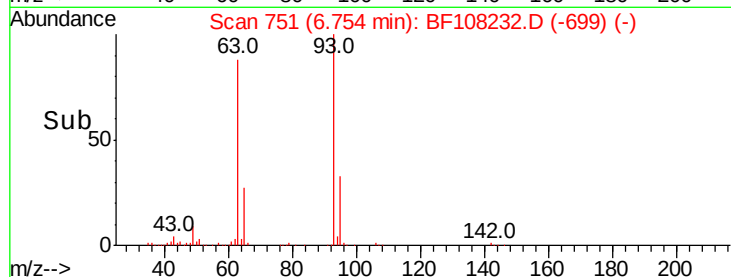
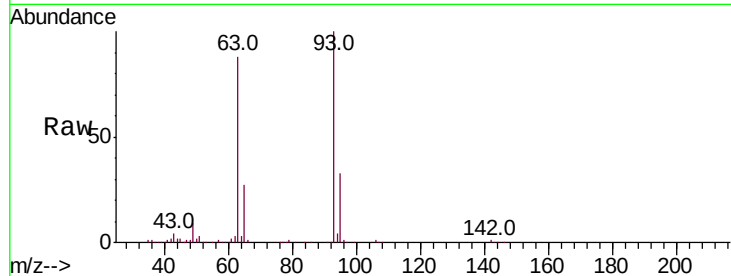
#11
bis(2-Chloroethyl)ether
Concen: 38.941 ng
RT: 6.75 min Scan# 751
Delta R.T. 0.01 min
Lab File: BF108232.D
Acq: 17 Aug 2018 10:04

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
93	100		
63	87.6	58.6	98.6
95	33.1	11.8	51.8

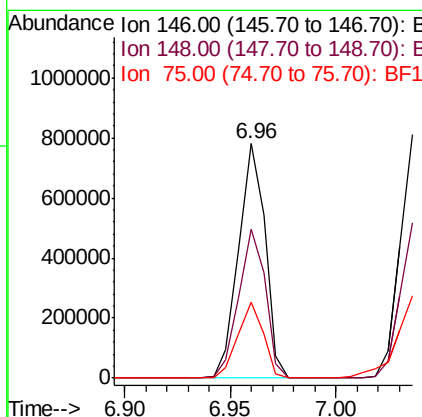
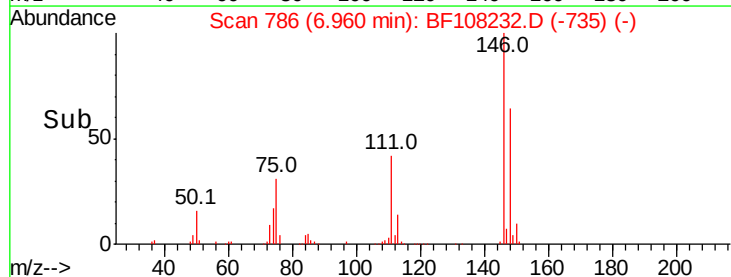
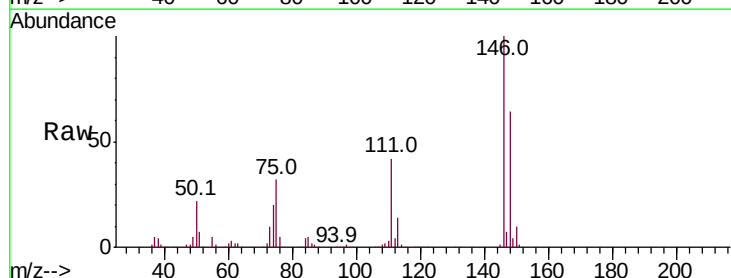
Manual Integrations
APPROVED

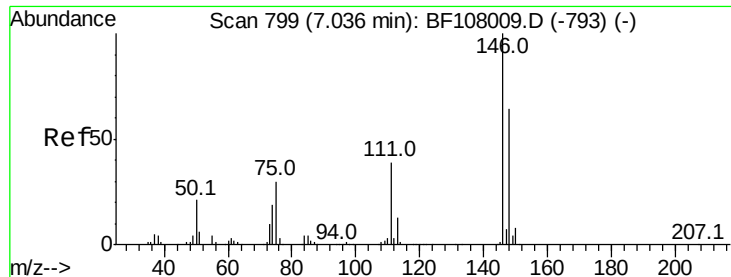
Sohil
8/20/2018 12:48:12 PM



#12
1,3-Dichlorobenzene
Concen: 39.067 ng
RT: 6.96 min Scan# 786
Delta R.T. -0.00 min
Lab File: BF108232.D
Acq: 17 Aug 2018 10:04

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.5	51.8	77.8
75	32.4	24.2	36.4





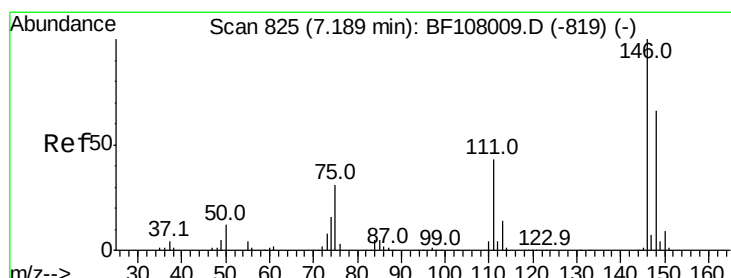
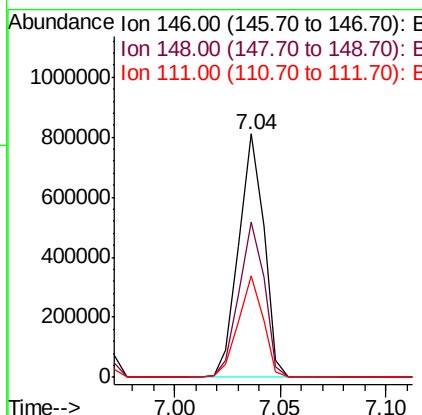
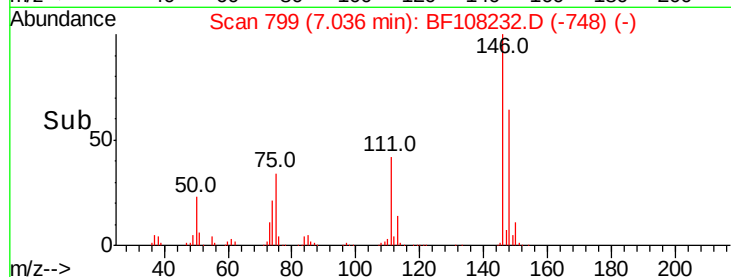
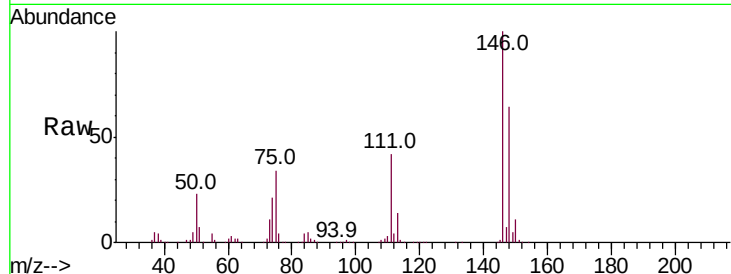
#13
1,4-Dichlorobenzene
Concen: 38.527 ng
RT: 7.04 min Scan# 799
Delta R.T. -0.00 min
Lab File: BF108232.D
Acq: 17 Aug 2018 10:04

Instrument :
BNA_F
ClientSampleID :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
146	100		
148	64.0	50.8	76.2
111	41.8	34.2	51.2

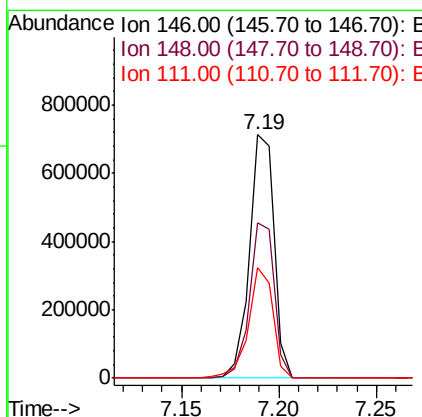
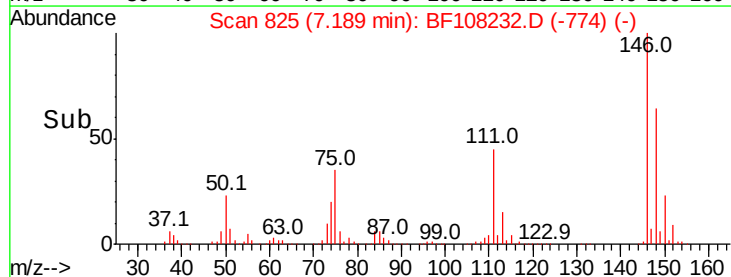
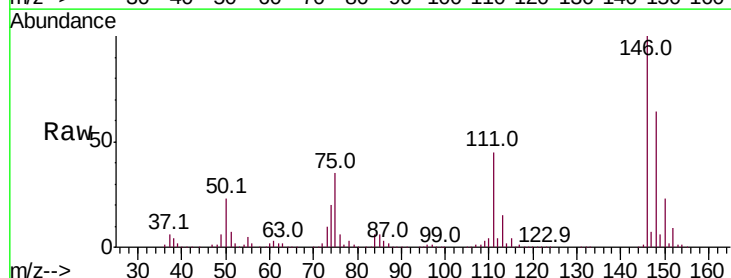
Manual Integrations
APPROVED

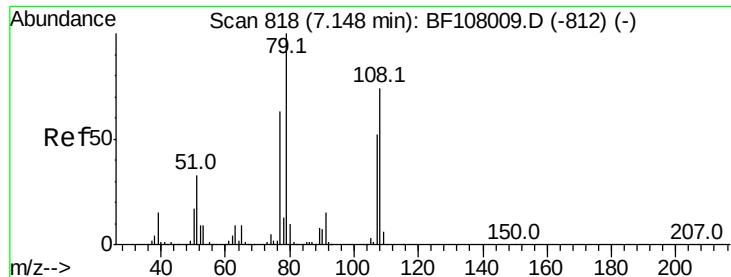
Sohil
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#14
1,2-Dichlorobenzene
Concen: 38.422 ng
RT: 7.19 min Scan# 825
Delta R.T. -0.00 min
Lab File: BF108232.D
Acq: 17 Aug 2018 10:04

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.7	50.6	75.8
111	45.3	36.0	54.0





#15

Benzyl Alcohol

Concen: 38.084 ng

RT: 7.16 min Scan# 820

Delta R.T. 0.01 min

Lab File: BF108232.D

Acq: 17 Aug 2018 10:04

Instrument :

BNA_F

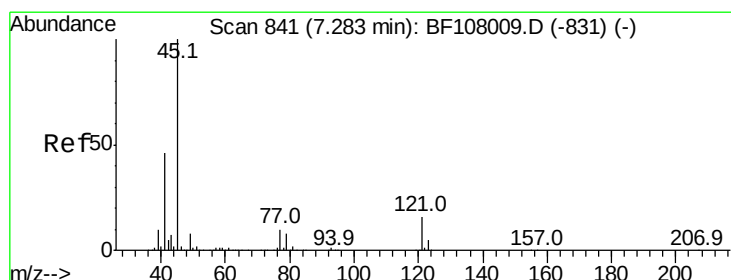
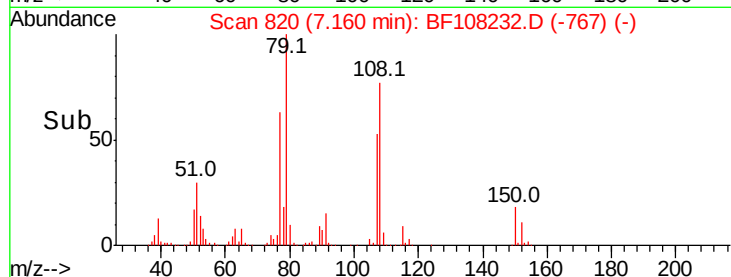
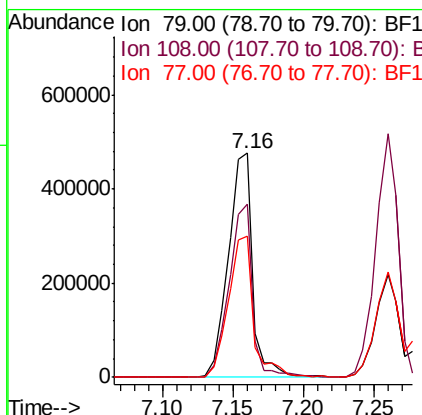
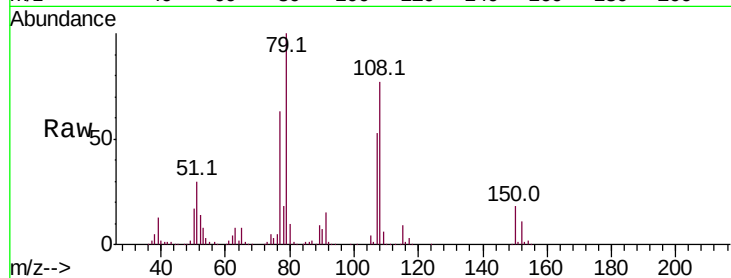
ClientSampleId :

SSTDCCC040

Tot Ion:	79	Resp:	568980
Ion Ratio	Lower	Upper	
79	100		
108	77.3	65.1	97.7
77	62.9	50.6	75.8

Manual Integrations
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#16

2,2'-oxybis(1-chloropropane)

Concen: 36.567 ng

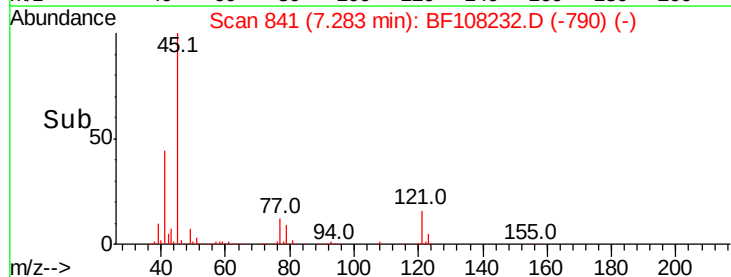
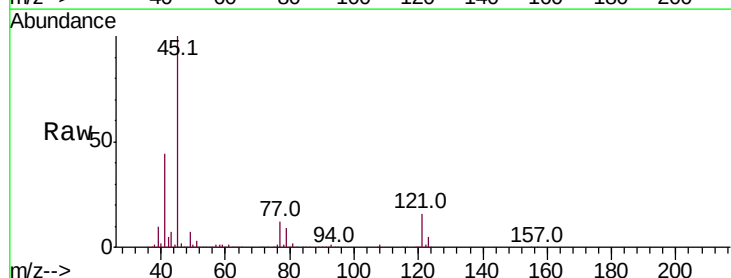
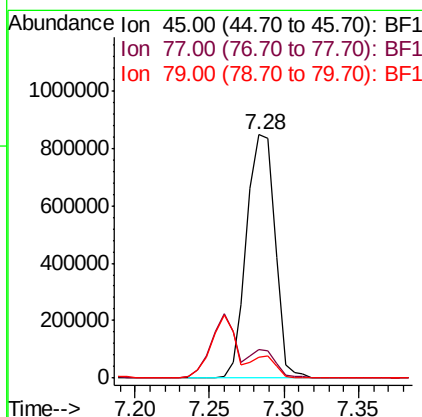
RT: 7.28 min Scan# 841

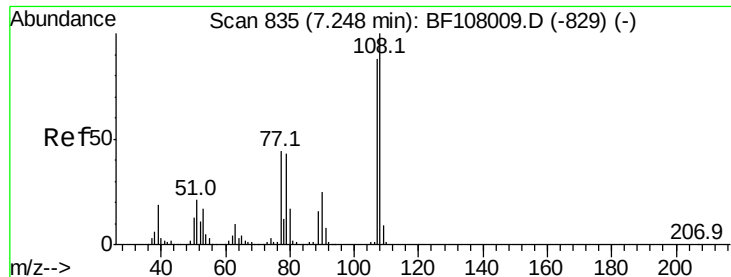
Delta R.T. -0.00 min

Lab File: BF108232.D

Acq: 17 Aug 2018 10:04

Tgt Ion:	45	Resp:	1117994
Ion Ratio	Lower	Upper	
45	100		
77	11.6	0.0	32.9
79	8.7	0.0	29.6





#17

2-Methylphenol

Concen: 38.669 ng

RT: 7.26 min Scan# 837

Delta R.T. 0.01 min

Lab File: BF108232.D

Acq: 17 Aug 2018 10:04

Instrument :

BNA_F

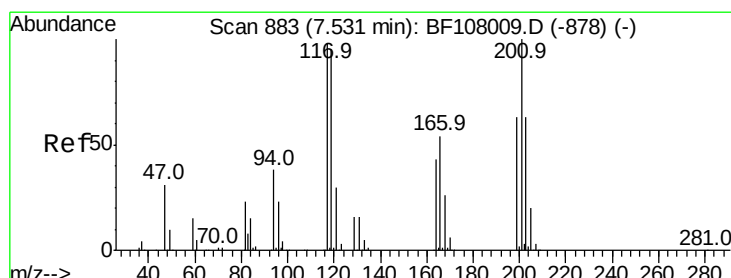
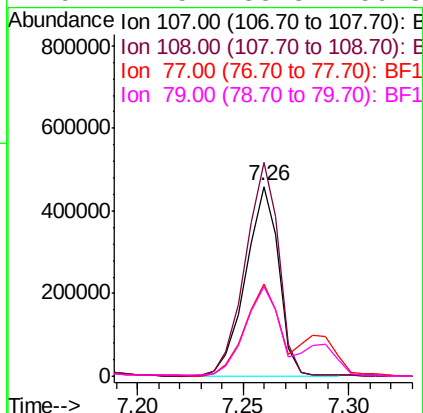
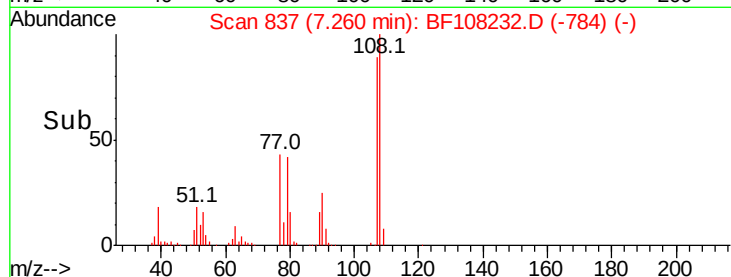
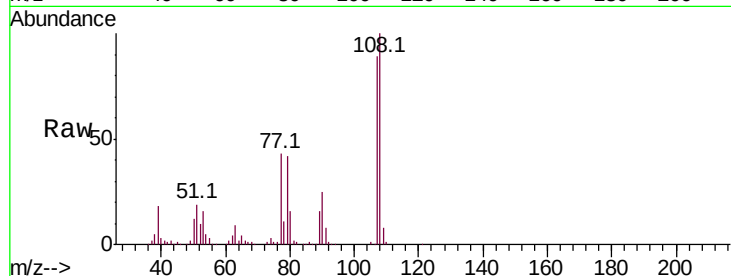
ClientSampleId :

SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	112.7	91.7	137.5	
77	48.6	33.8	50.8	
79	47.5	33.8	50.8	

Manual Integrations
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#18

Hexachloroethane

Concen: 39.625 ng

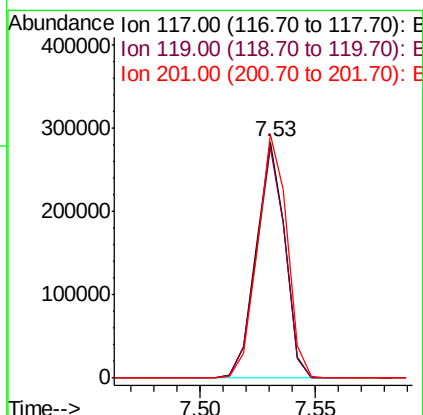
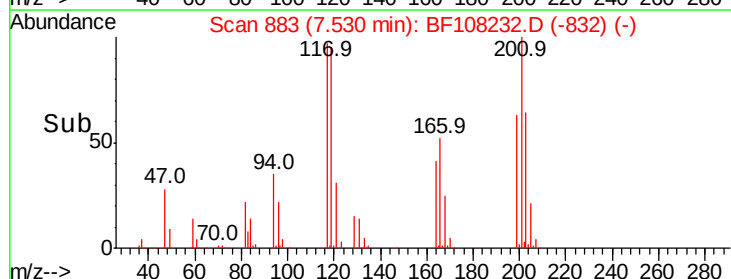
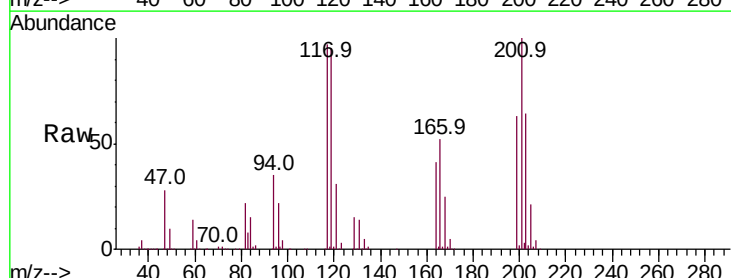
RT: 7.53 min Scan# 883

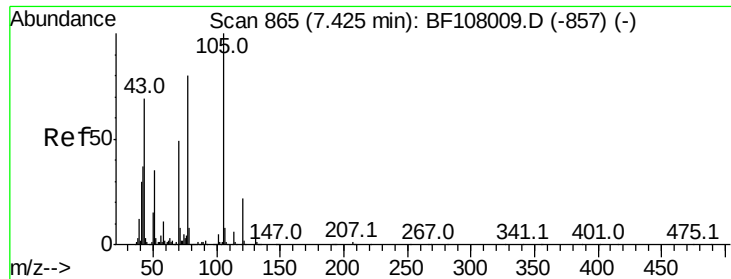
Delta R.T. -0.00 min

Lab File: BF108232.D

Acq: 17 Aug 2018 10:04

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	97.5	75.8	113.8	
201	103.0	75.7	113.5	





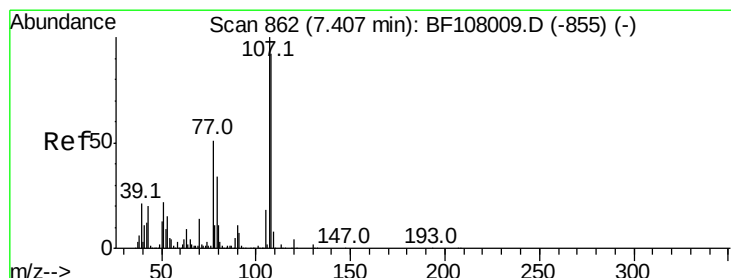
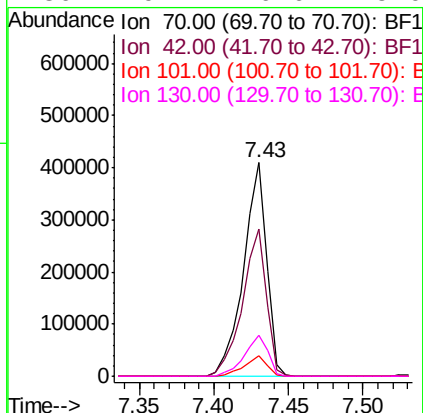
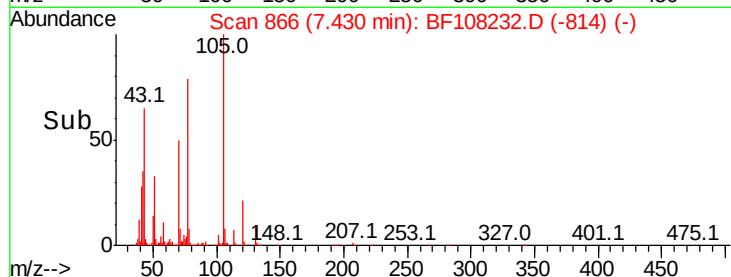
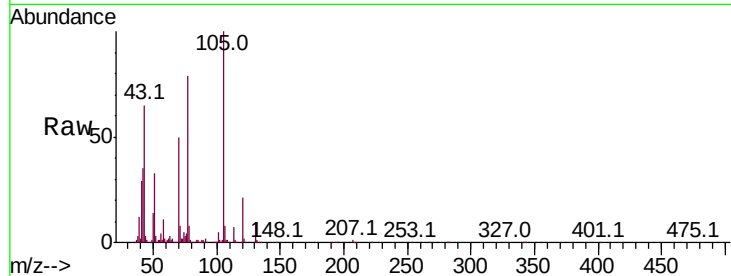
#19
n-Nitroso-di-n-propylamine
Concen: 36.671 ng
RT: 7.43 min Scan# 866
Delta R.T. 0.01 min
Lab File: BF108232.D
Acq: 17 Aug 2018 10:04

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ion	Ratio	Lower	Upper
70	100			
42	68.9	47.5	71.3	
101	9.7	7.4	11.2	
130	19.4	16.6	25.0	

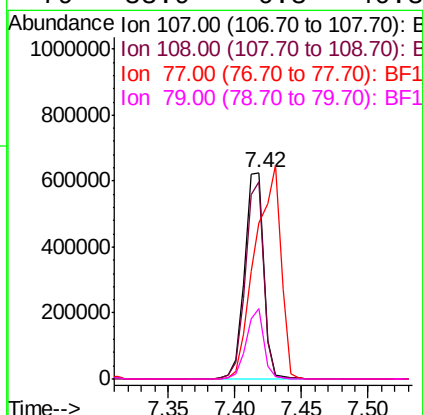
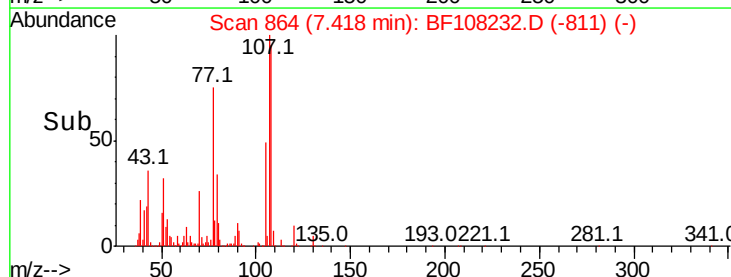
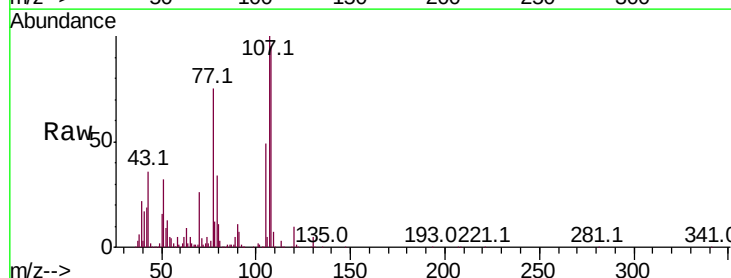
Manual Integrations
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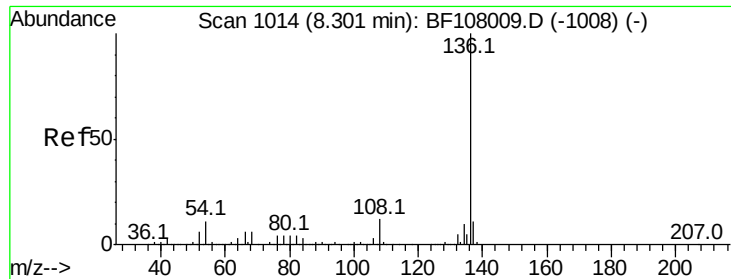
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#20
3+4-Methylphenols
Concen: 37.454 ng
RT: 7.42 min Scan# 864
Delta R.T. 0.01 min
Lab File: BF108232.D
Acq: 17 Aug 2018 10:04

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	95.1	68.2	108.2	
77	75.4	26.7	66.7#	
79	33.9	6.3	46.3	





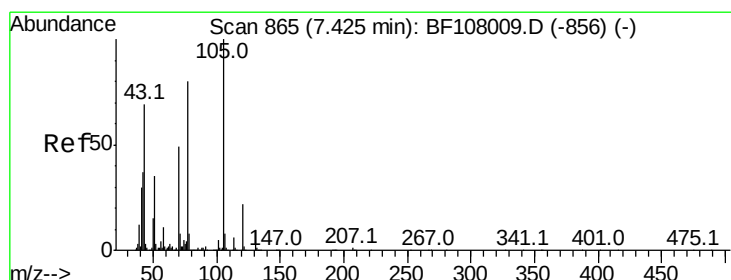
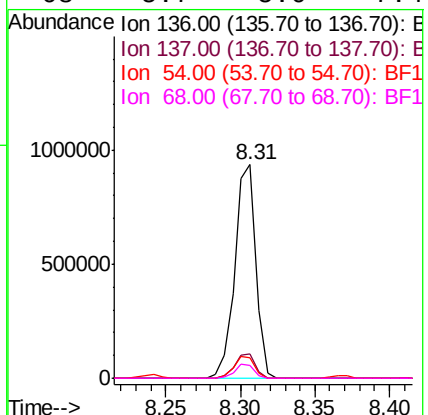
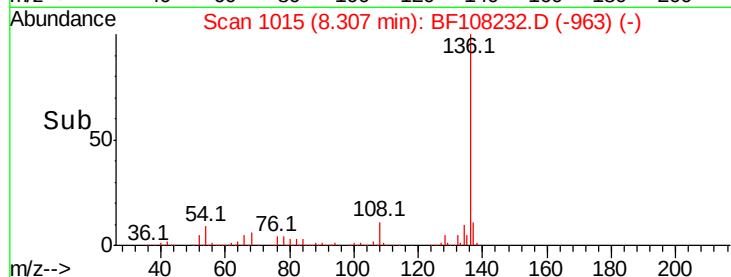
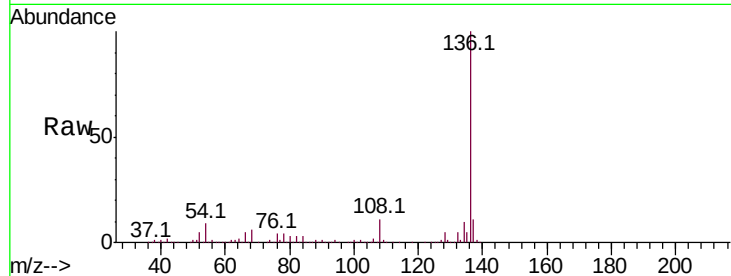
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.31 min Scan# 1015
Delta R.T. 0.01 min
Lab File: BF108232.D
Acq: 17 Aug 2018 10:04

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
136	100			
137	11.2	8.9	13.3	
54	9.4	6.6	9.8	
68	5.7	5.0	7.4	

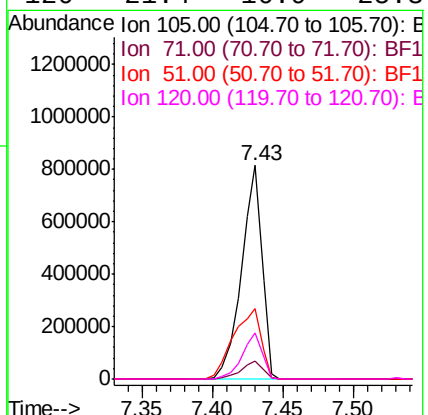
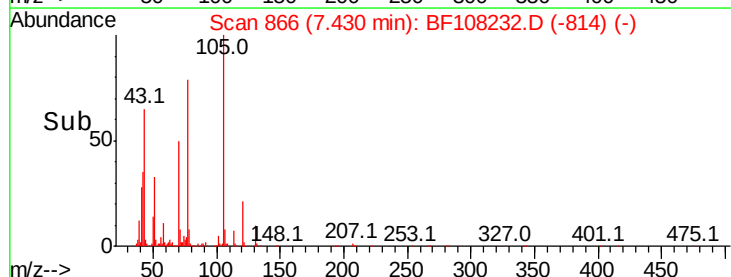
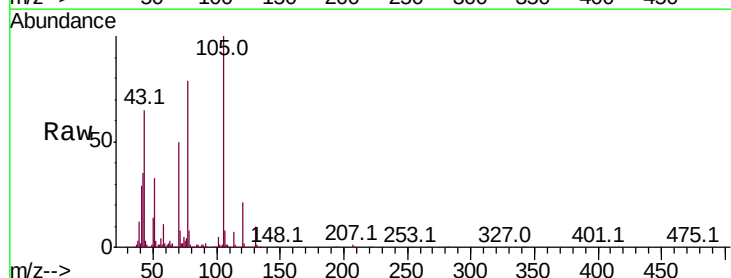
Manual Integrations
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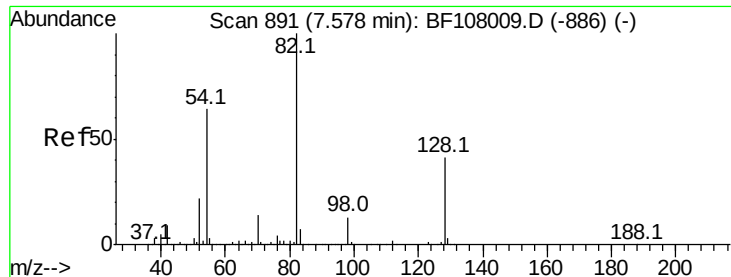
Sohil
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#22
Acetophenone
Concen: 37.938 ng
RT: 7.43 min Scan# 866
Delta R.T. 0.01 min
Lab File: BF108232.D
Acq: 17 Aug 2018 10:04

Tgt Ion	Ratio	Resp	Lower	Upper
105	100			
71	8.3	4.4	6.6#	
51	33.0	22.3	33.5	
120	21.4	16.9	25.3	





#23

Nitrobenzene-d5

Concen: 79.603 ng

RT: 7.59 min Scan# 893

Delta R.T. 0.01 min

Lab File: BF108232.D

Acq: 17 Aug 2018 10:04

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion: 82 Resp: 1323768

Ion Ratio Lower Upper

82 100

128 43.3 36.1 54.1

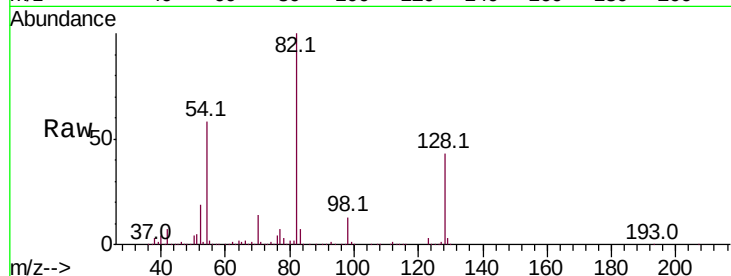
54 57.9 41.4 62.2

Manual Integrations

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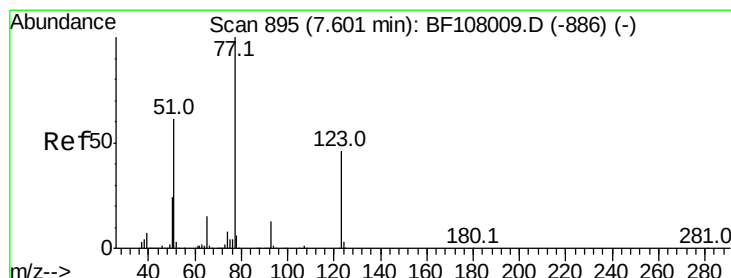
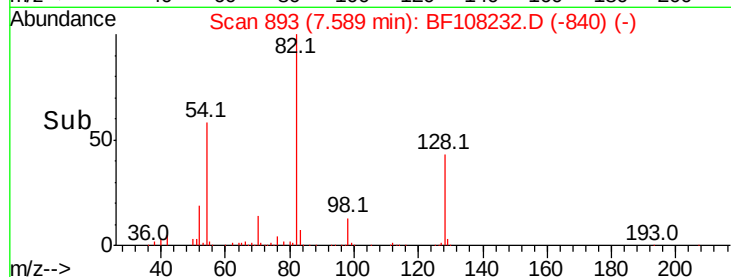
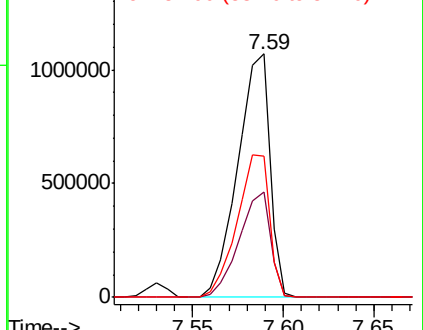
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Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): BF1

Ion 54.00 (53.70 to 54.70): BF1



#24

Nitrobenzene

Concen: 39.659 ng

RT: 7.61 min Scan# 896

Delta R.T. 0.01 min

Lab File: BF108232.D

Acq: 17 Aug 2018 10:04

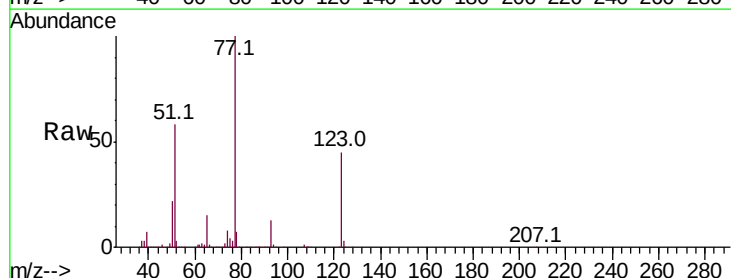
Tgt Ion: 77 Resp: 666903

Ion Ratio Lower Upper

77 100

123 45.3 37.9 56.9

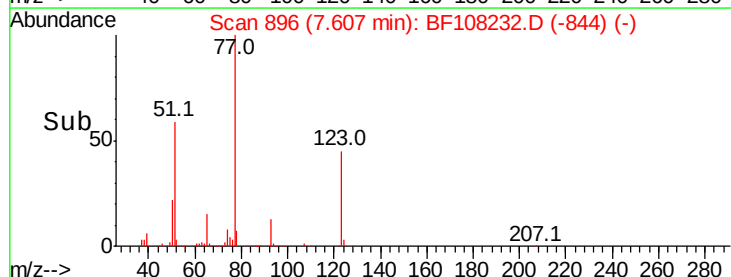
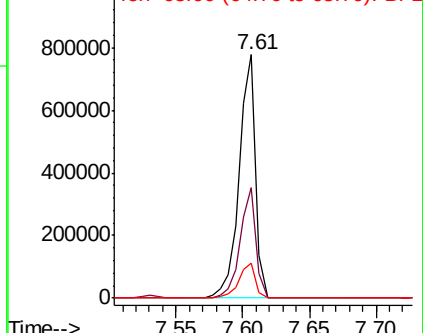
65 14.5 11.0 16.4

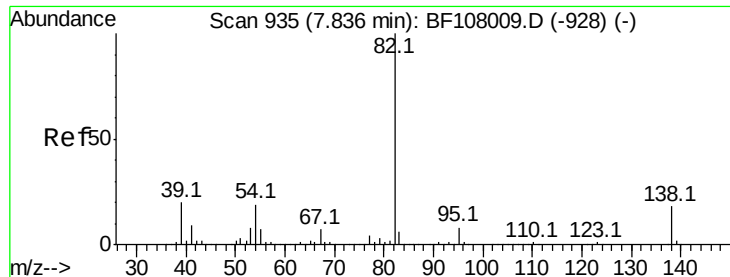


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 123.00 (122.70 to 123.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#25

Isophorone

Concen: 38.360 ng

RT: 7.84 min Scan# 936

Delta R.T. 0.01 min

Lab File: BF108232.D

Acq: 17 Aug 2018 10:04

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion: 82 Resp: 1215885

Ion Ratio Lower Upper

82 100

95 7.2 5.2 7.8

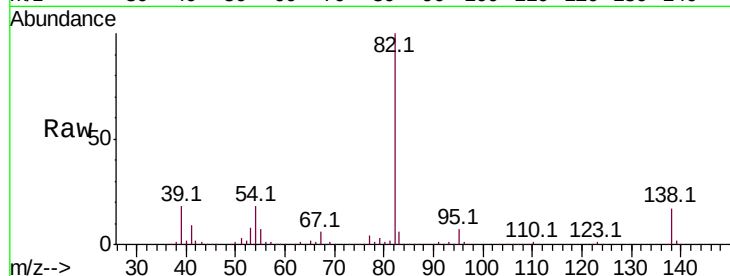
138 17.3 14.9 22.3

Manual Integrations

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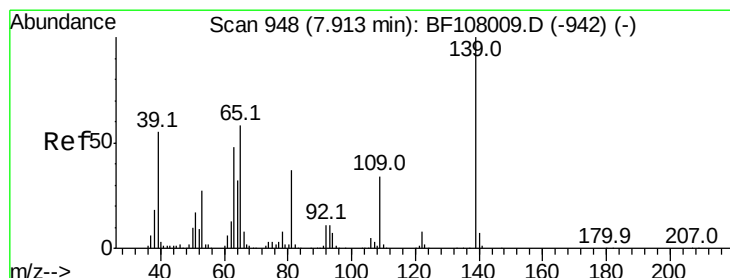
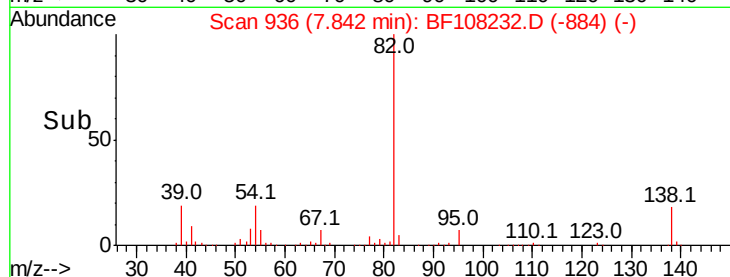
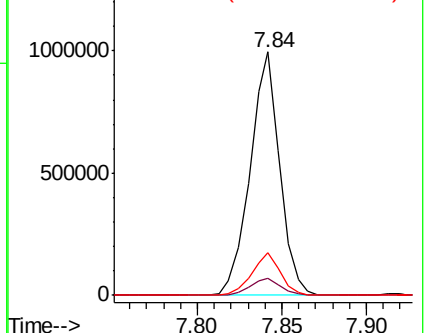
8/20/2018 12:48:12 PM



Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 138.00 (137.70 to 138.70): BF1



#26

2-Nitrophenol

Concen: 44.196 ng

RT: 7.92 min Scan# 949

Delta R.T. 0.01 min

Lab File: BF108232.D

Acq: 17 Aug 2018 10:04

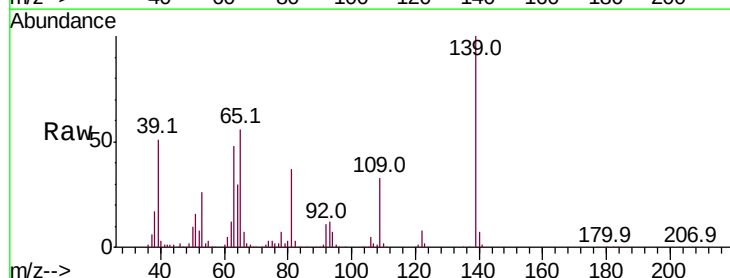
Tgt Ion: 139 Resp: 280668

Ion Ratio Lower Upper

139 100

109 33.3 22.7 34.1

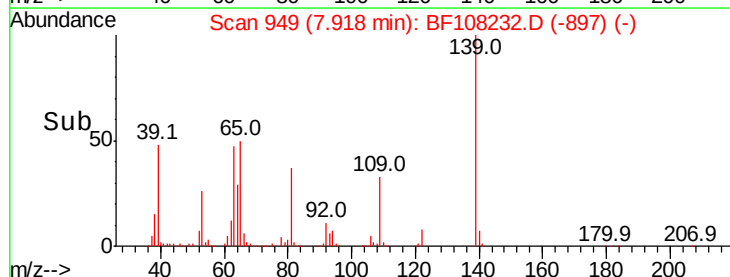
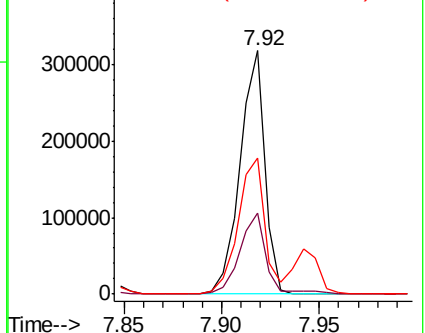
65 55.9 40.5 60.7

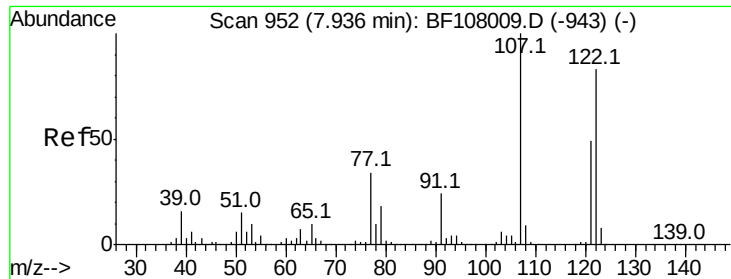


Abundance Ion 139.00 (138.70 to 139.70): BF1

Ion 109.00 (108.70 to 109.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#27

2,4-Dimethylphenol

Concen: 38.935 ng

RT: 7.94 min Scan# 953

Delta R.T. 0.01 min

Lab File: BF108232.D

Acq: 17 Aug 2018 10:04

Instrument :

BNA_F

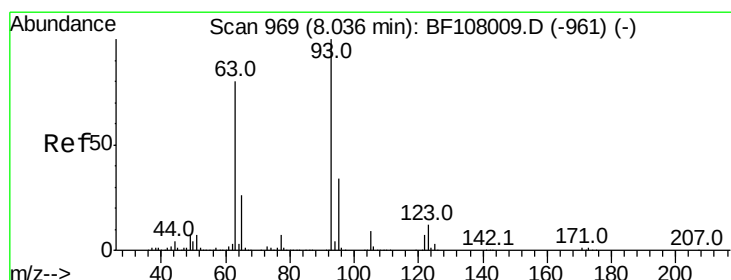
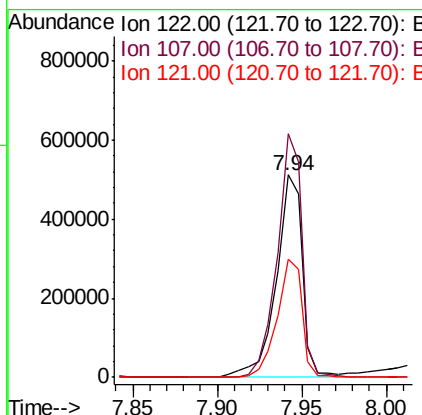
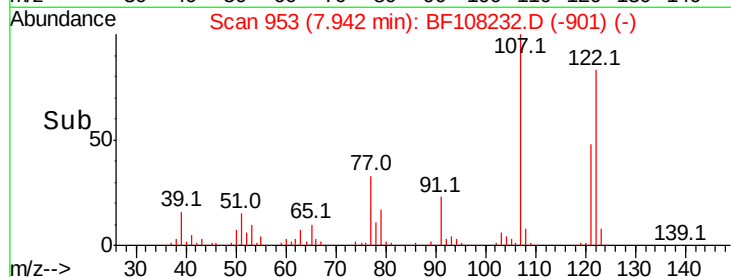
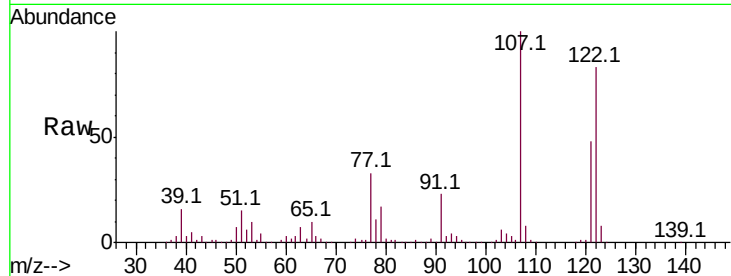
ClientSampleId :

SSTDCCC040

Tot Ion:	122	Resp:	547733
Ion Ratio	Lower	Upper	
122	100		
107	120.4	91.2	136.8
121	58.3	47.2	70.8

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#28

bis(2-Chloroethoxy)methane

Concen: 38.742 ng

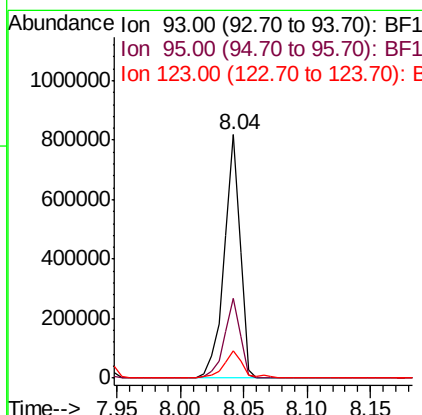
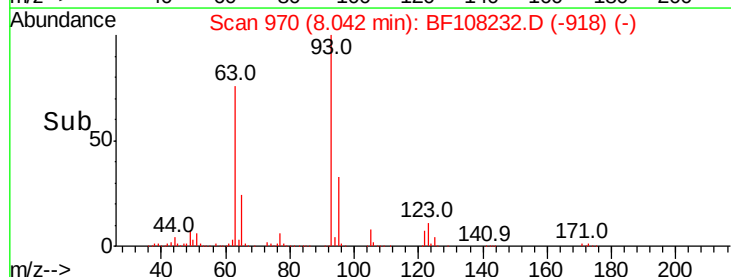
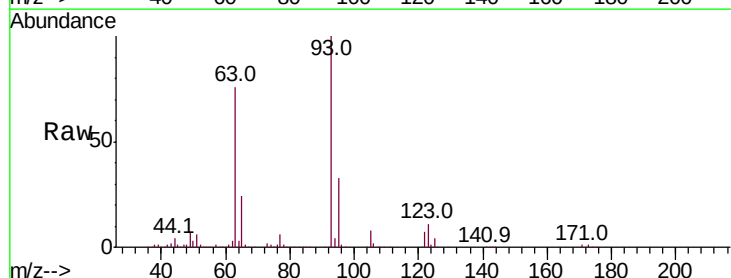
RT: 8.04 min Scan# 970

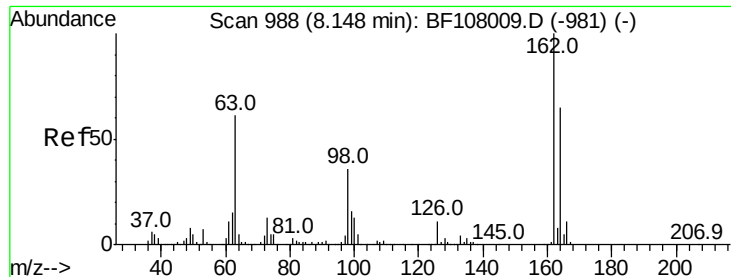
Delta R.T. 0.01 min

Lab File: BF108232.D

Acq: 17 Aug 2018 10:04

Tgt Ion:	93	Resp:	716864
Ion Ratio	Lower	Upper	
93	100		
95	32.8	26.3	39.5
123	11.1	9.8	14.6





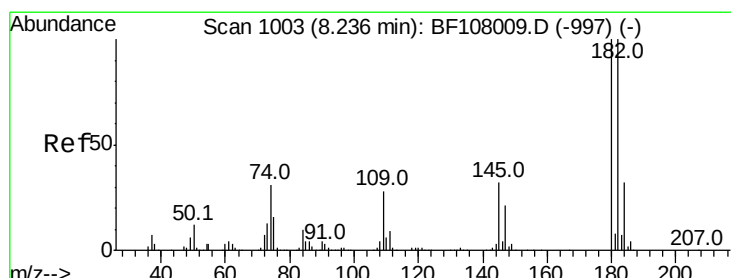
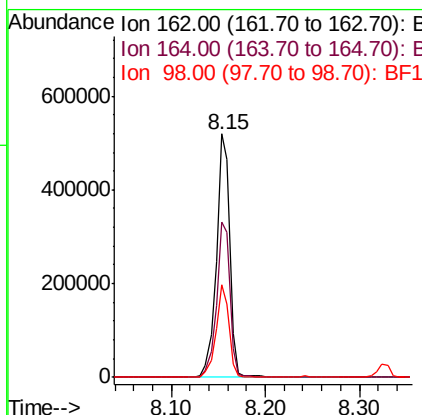
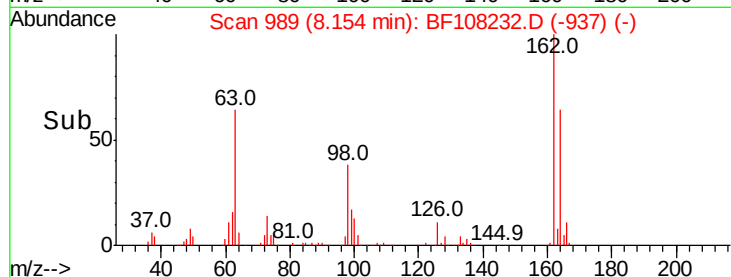
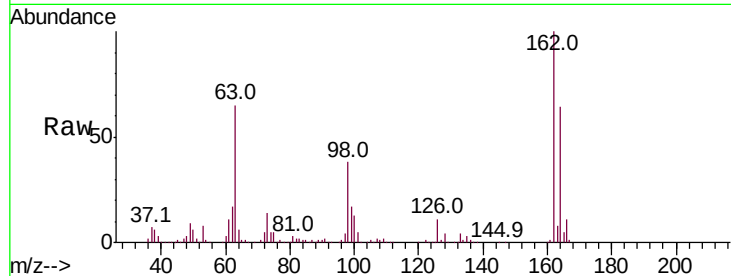
#29
2,4-Dichlorophenol
Concen: 40.285 ng
RT: 8.15 min Scan# 989
Delta R.T. 0.01 min
Lab File: BF108232.D
Acq: 17 Aug 2018 10:04

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
162	100			
164	63.8	42.7	82.7	
98	38.1	18.1	58.1	

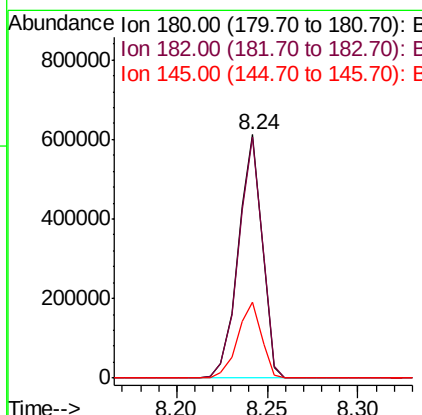
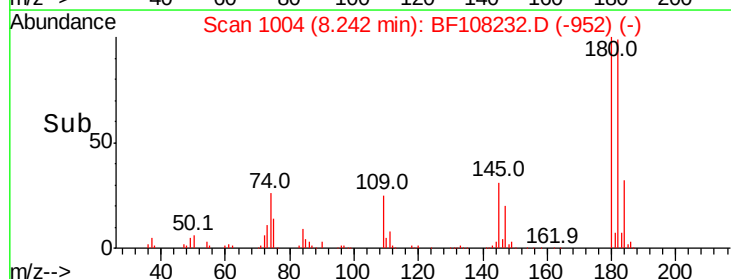
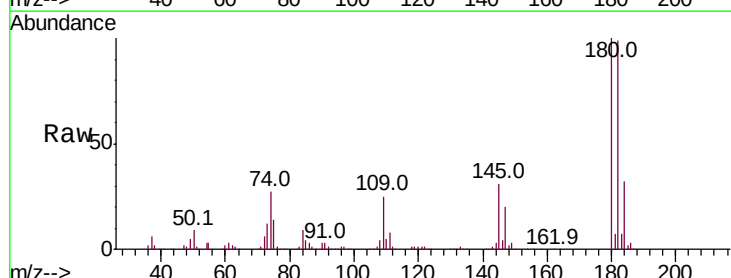
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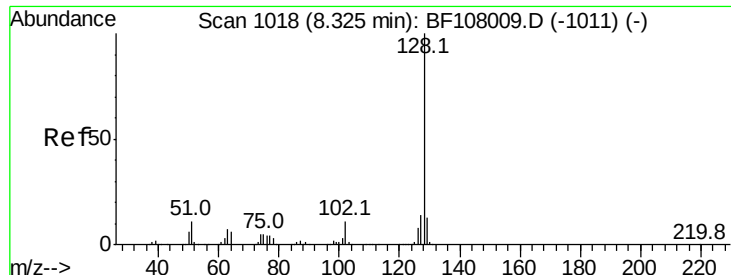
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#30
1,2,4-Trichlorobenzene
Concen: 38.998 ng
RT: 8.24 min Scan# 1004
Delta R.T. 0.01 min
Lab File: BF108232.D
Acq: 17 Aug 2018 10:04

Tgt Ion	Ratio	Resp	Lower	Upper
180	100			
182	98.9	76.8	115.2	
145	31.2	26.5	39.7	





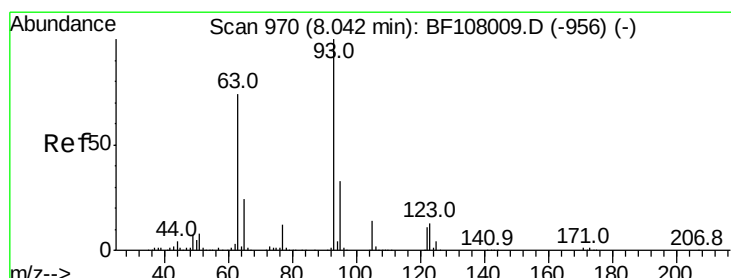
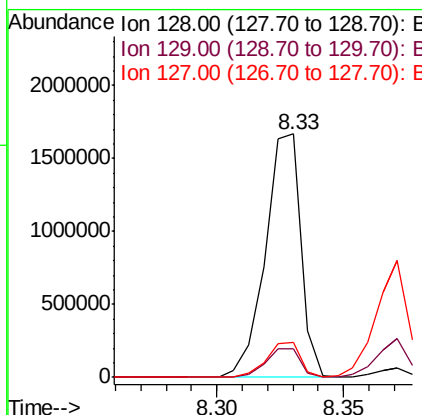
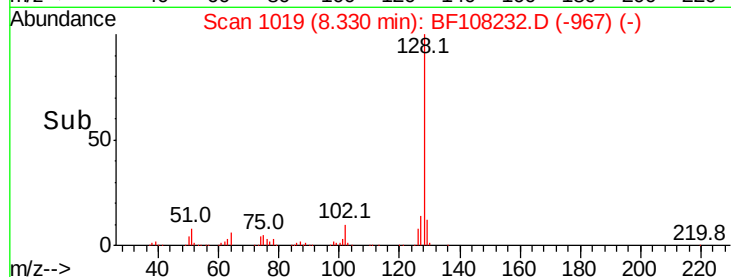
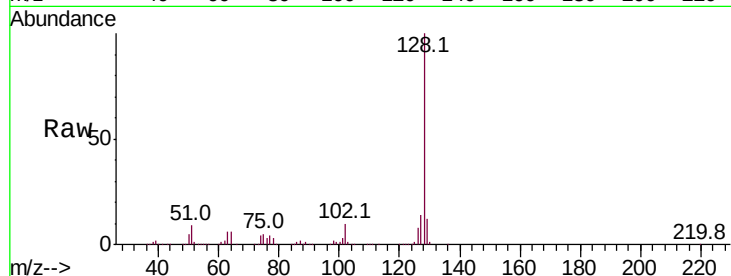
#31
Naphthalene
Concen: 38.922 ng
RT: 8.33 min Scan# 1019
Delta R.T. 0.01 min
Lab File: BF108232.D
Acq: 17 Aug 2018 10:04

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
128	100		
129	11.7	8.8	13.2
127	14.3	10.9	16.3

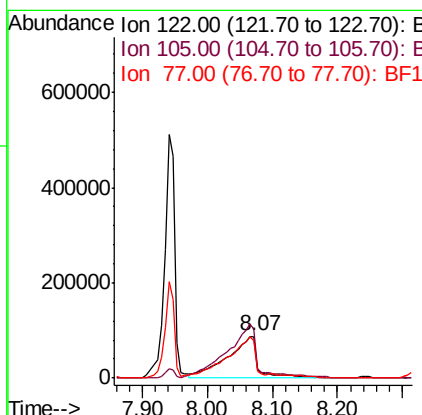
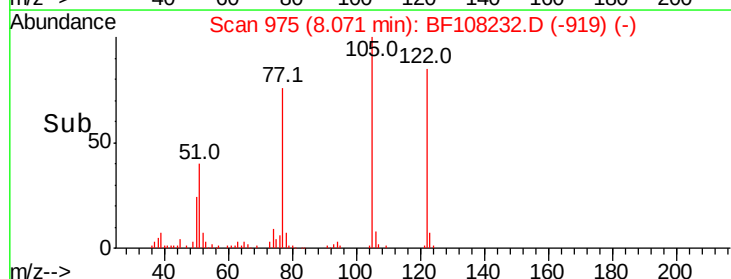
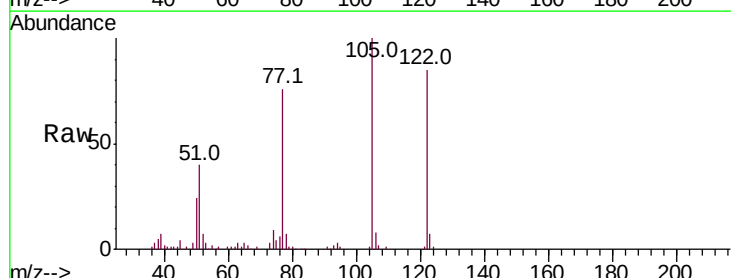
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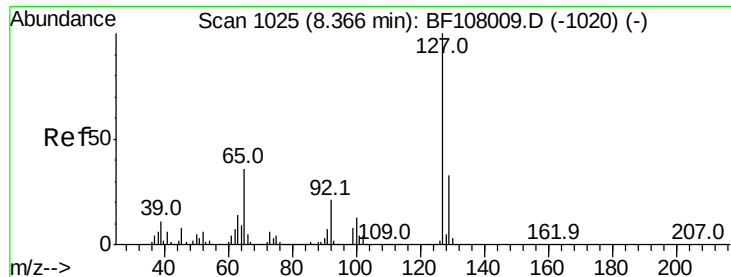
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#32
Benzoic acid
Concen: 36.294 ng
RT: 8.07 min Scan# 975
Delta R.T. 0.03 min
Lab File: BF108232.D
Acq: 17 Aug 2018 10:04

Tgt Ion	Ratio	Lower	Upper
122	100		
105	117.7	101.1	141.1
77	89.3	70.7	110.7





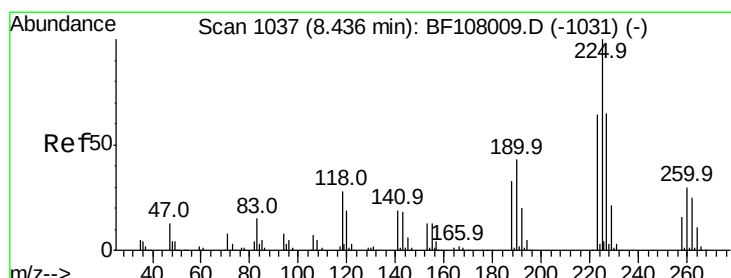
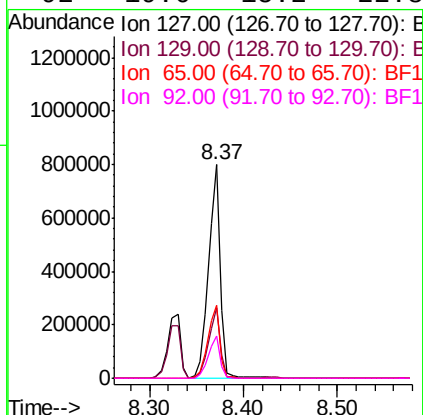
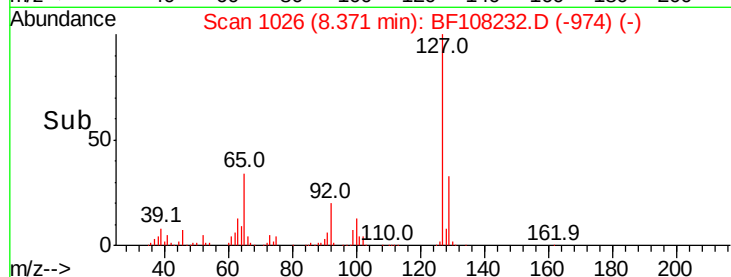
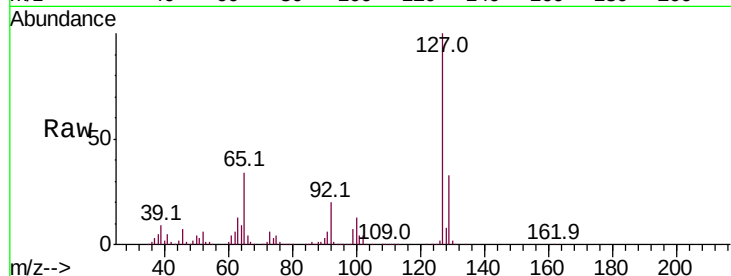
#33
4-Chloroaniline
Concen: 38.662 ng
RT: 8.37 min Scan# 1026
Delta R.T. 0.01 min
Lab File: BF108232.D
Acq: 17 Aug 2018 10:04

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
127	100		
129	33.2	25.9	38.9
65	34.2	25.0	37.4
92	19.6	15.2	22.8

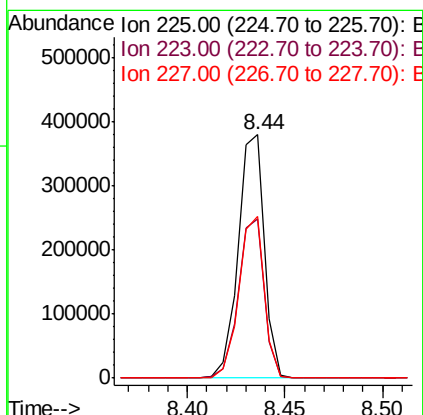
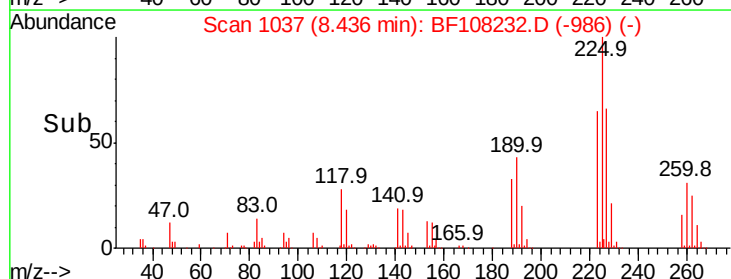
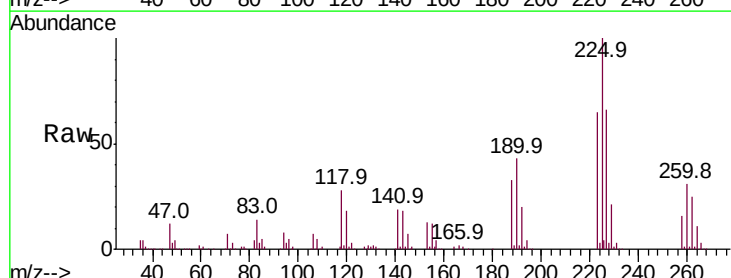
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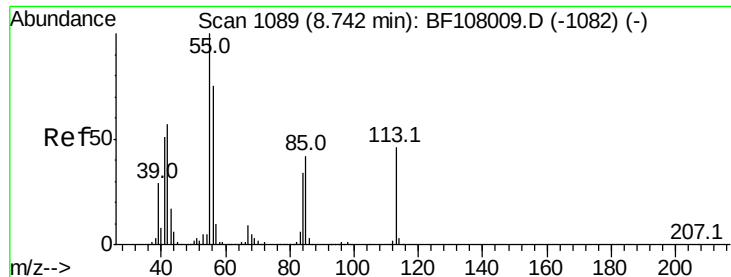
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#34
Hexachlorobutadiene
Concen: 38.971 ng
RT: 8.44 min Scan# 1037
Delta R.T. -0.00 min
Lab File: BF108232.D
Acq: 17 Aug 2018 10:04

Tgt Ion	Ratio	Lower	Upper
225	100		
223	65.1	50.6	76.0
227	66.2	51.9	77.9





#35

Caprolactam

Concen: 38.747 ng

RT: 8.75 min Scan# 1091

Delta R.T. 0.01 min

Lab File: BF108232.D

Acq: 17 Aug 2018 10:04

Instrument :

BNA_F

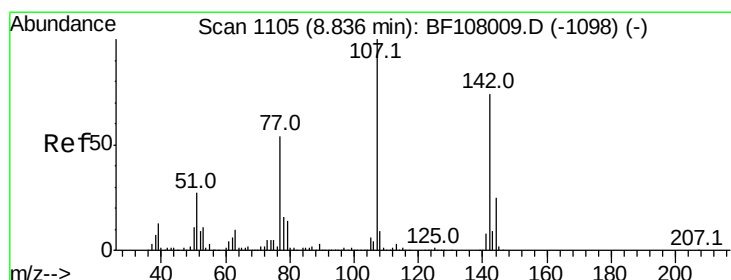
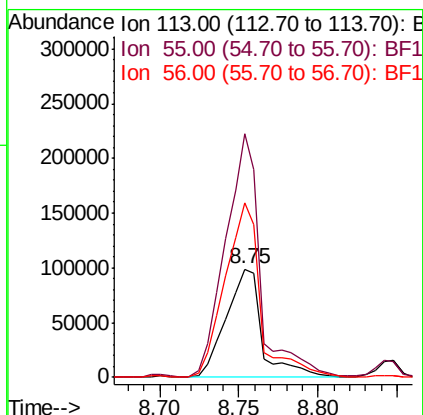
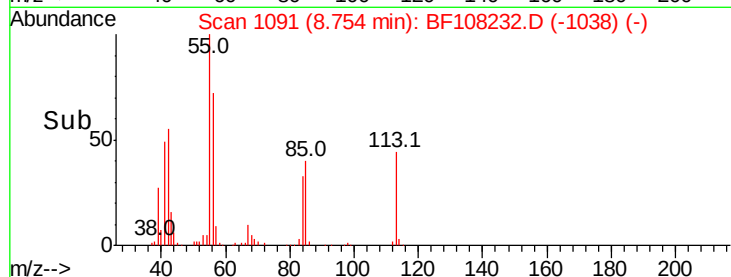
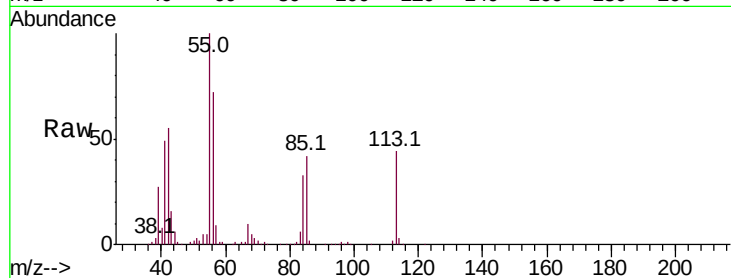
ClientSampleId :

SSTDCCC040

Tot Ion:	113	Resp:	157199
Ion Ratio	Lower	Upper	
113	100		
55	224.8	163.3	203.3#
56	161.0	115.7	155.7#

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#36

4-Chloro-3-methylphenol

Concen: 38.393 ng

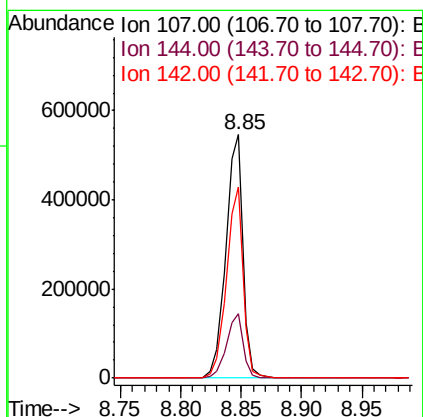
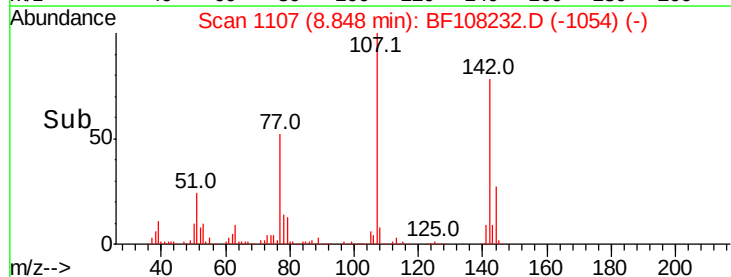
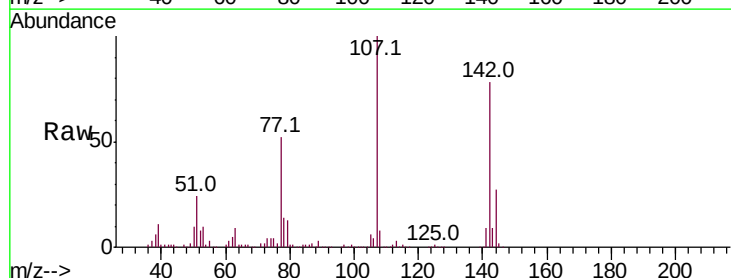
RT: 8.85 min Scan# 1107

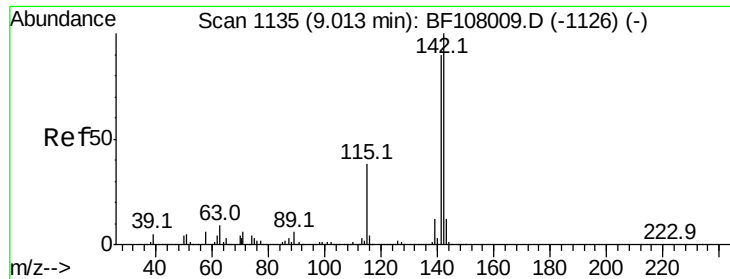
Delta R.T. 0.01 min

Lab File: BF108232.D

Acq: 17 Aug 2018 10:04

Tgt Ion:	107	Resp:	536199
Ion Ratio	Lower	Upper	
107	100		
144	26.5	20.5	30.7
142	78.5	62.0	93.0





#37

2-Methylnaphthalene

Concen: 37.755 ng

RT: 9.02 min Scan# 1136

Delta R.T. 0.01 min

Lab File: BF108232.D

Acq: 17 Aug 2018 10:04

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:142 Resp: 1127279

Ion Ratio Lower Upper

142 100

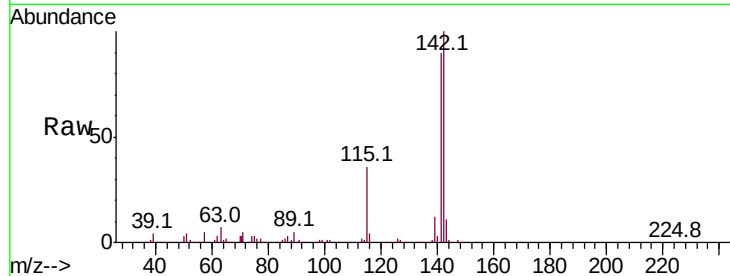
141 90.0 70.8 106.2

115 36.0 26.1 39.1

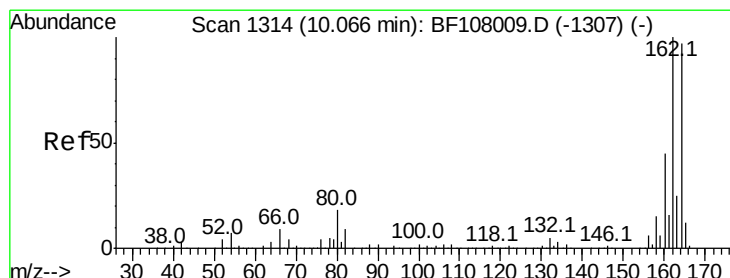
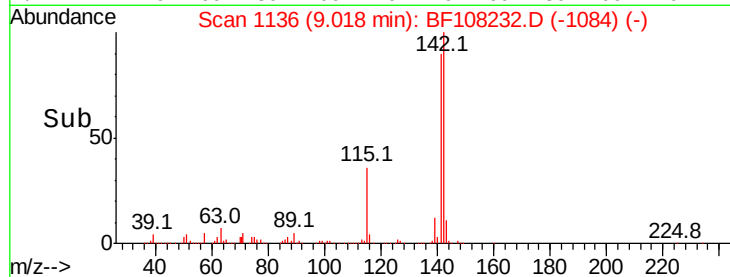
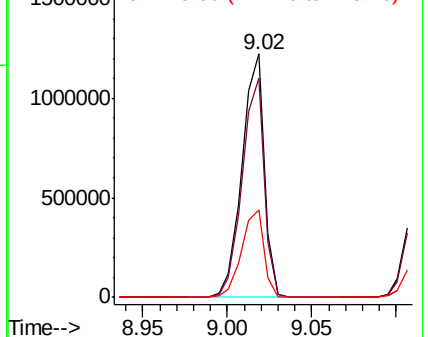
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Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E



#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 10.07 min Scan# 1314

Delta R.T. -0.00 min

Lab File: BF108232.D

Acq: 17 Aug 2018 10:04

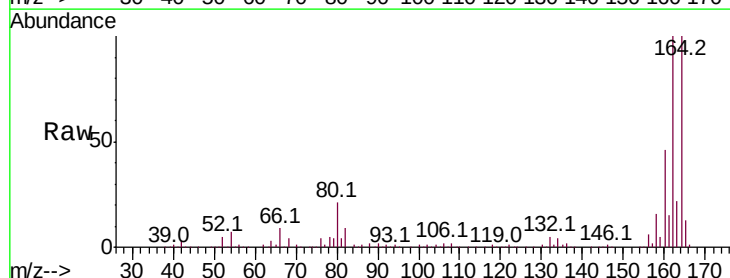
Tgt Ion:164 Resp: 468061

Ion Ratio Lower Upper

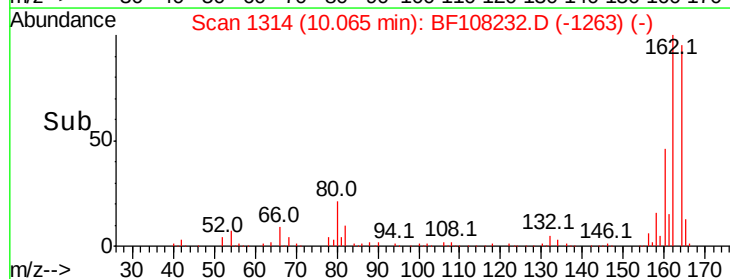
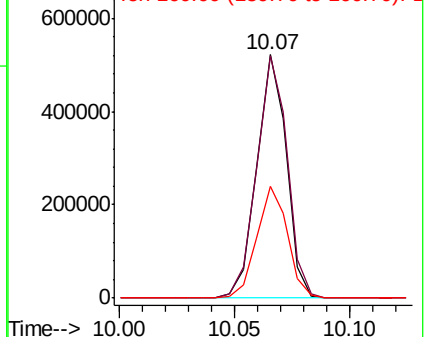
164 100

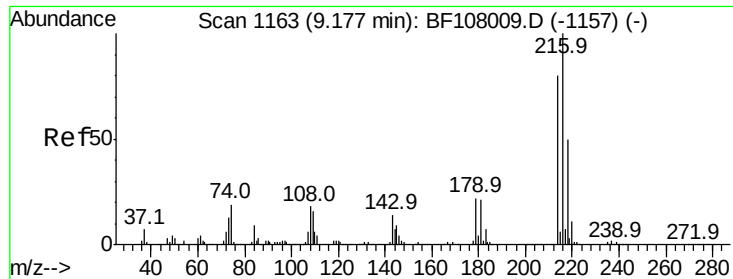
162 99.8 86.1 129.1

160 46.0 38.3 57.5



Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E





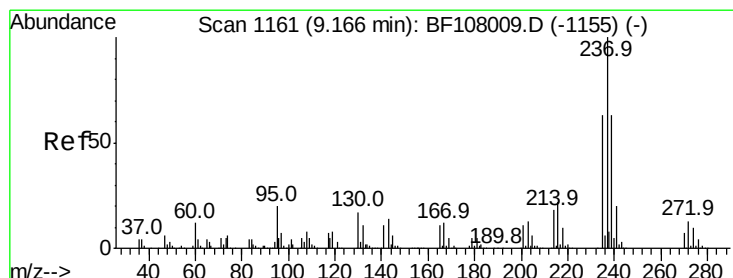
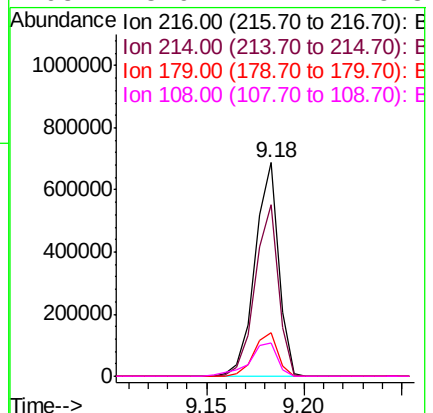
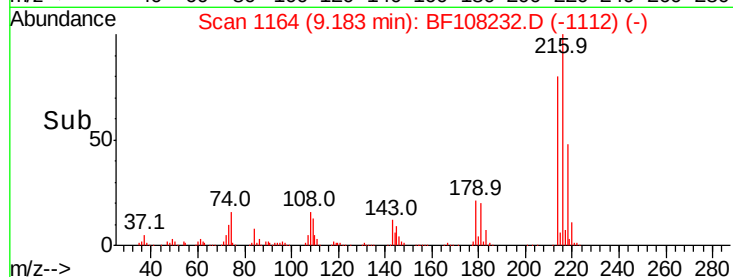
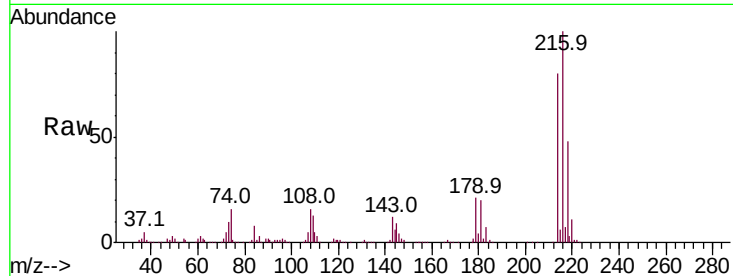
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 39.941 ng
 RT: 9.18 min Scan# 1164
 Delta R.T. 0.01 min
 Lab File: BF108232.D
 Acq: 17 Aug 2018 10:04

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Resp Lower	Upper
216	100		
214	79.8	63.0	94.4
179	20.8	18.1	27.1
108	18.9	17.2	25.8

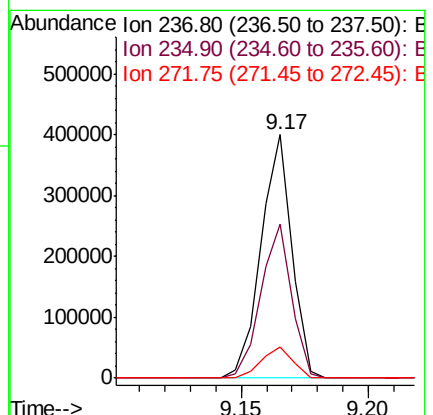
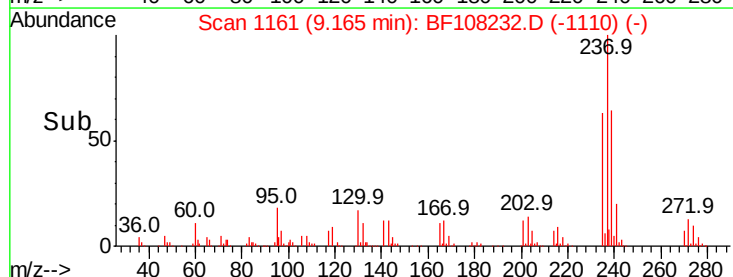
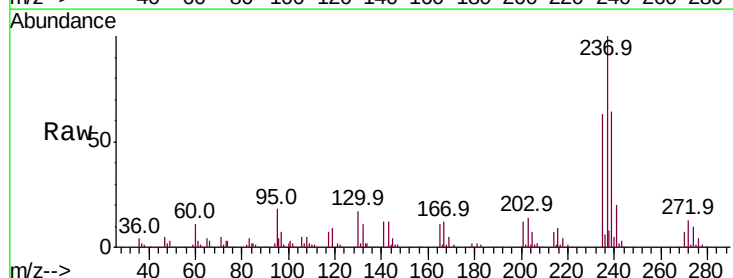
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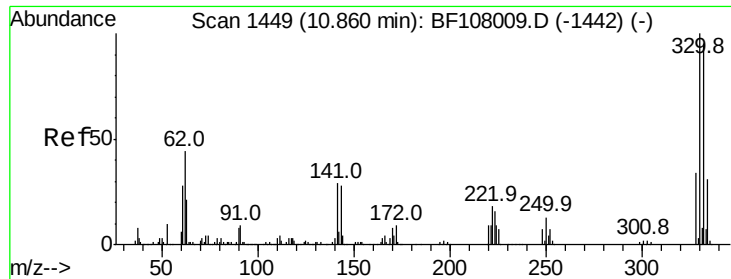
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#40
 Hexachlorocyclopentadiene
 Concen: 36.372 ng
 RT: 9.17 min Scan# 1161
 Delta R.T. -0.00 min
 Lab File: BF108232.D
 Acq: 17 Aug 2018 10:04

Tgt Ion	Ratio	Resp Lower	Upper
237	100		
235	63.5	44.8	84.8
272	12.7	0.0	33.3





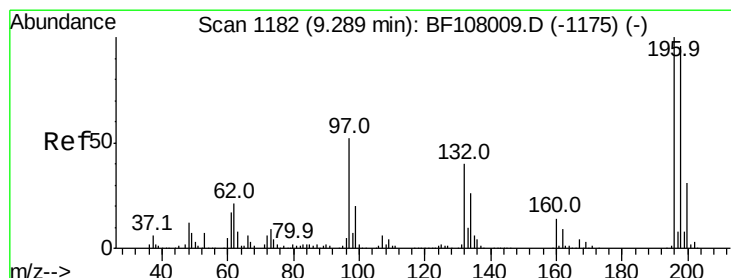
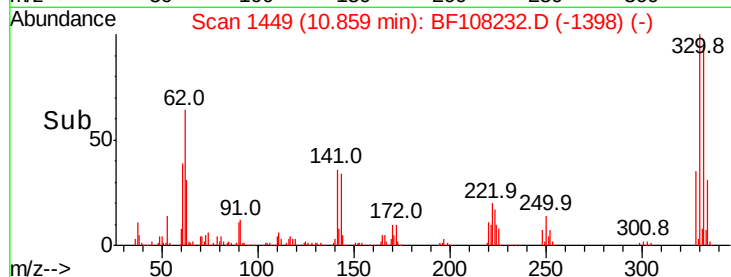
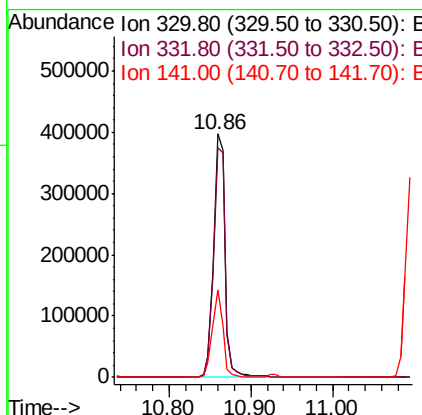
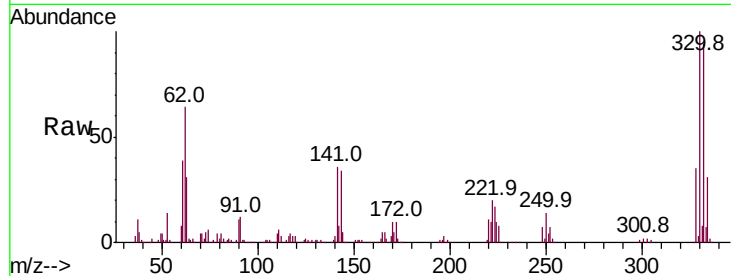
#41
 2,4,6-Tribromophenol
 Concen: 83.714 ng
 RT: 10.86 min Scan# 1449
 Delta R.T. -0.00 min
 Lab File: BF108232.D
 Acq: 17 Aug 2018 10:04

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
330	100	390841		
332	96.3	77.0	115.6	
141	32.6	29.9	44.9	

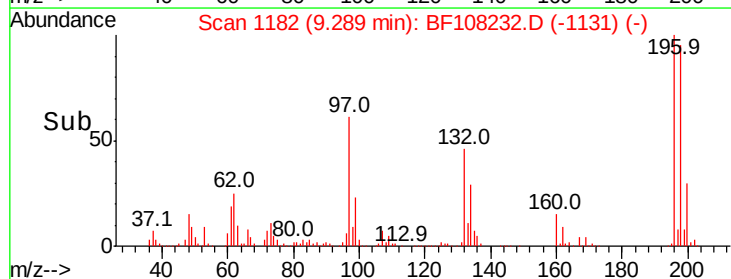
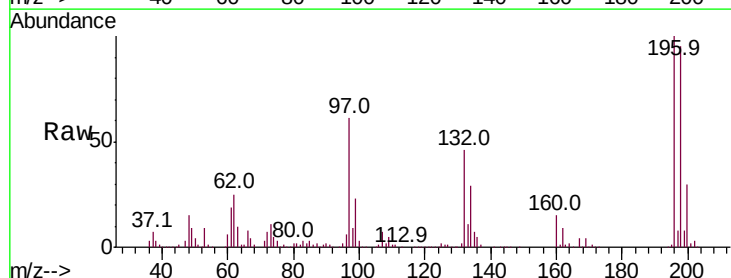
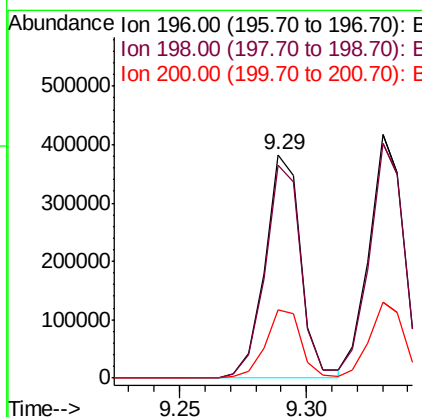
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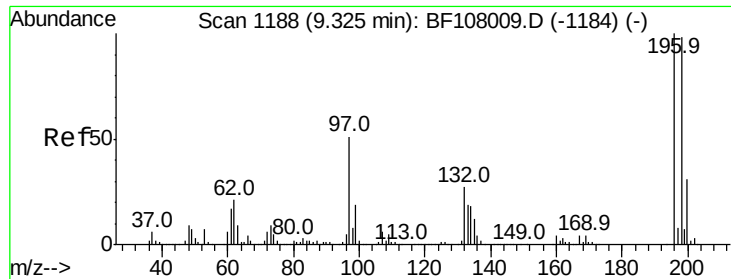
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#42
 2,4,6-Trichlorophenol
 Concen: 42.457 ng
 RT: 9.29 min Scan# 1182
 Delta R.T. -0.00 min
 Lab File: BF108232.D
 Acq: 17 Aug 2018 10:04

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	378695		
198	95.3	75.7	113.5	
200	30.4	24.5	36.7	





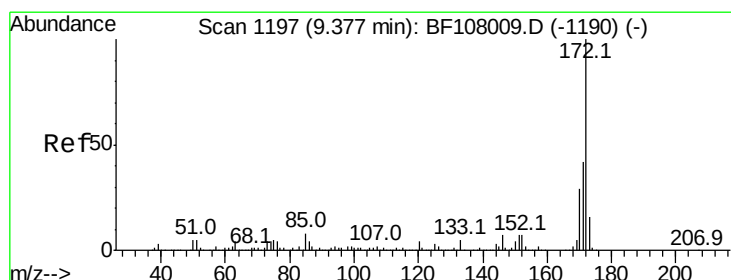
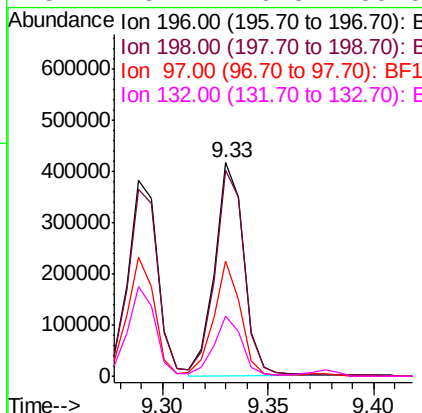
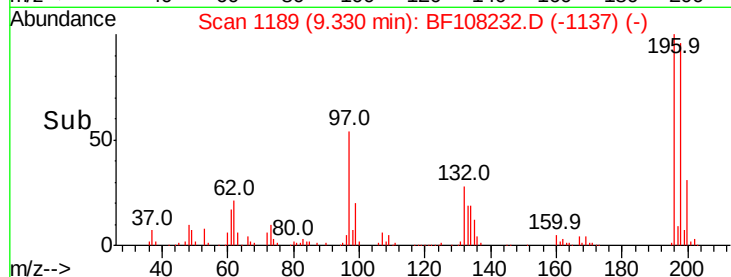
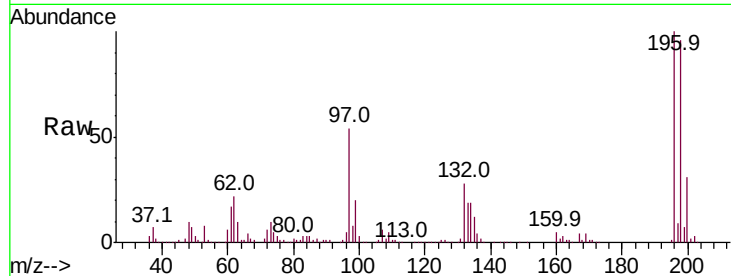
#43
 2,4,5-Trichlorophenol
 Concen: 40.644 ng
 RT: 9.33 min Scan# 1189
 Delta R.T. 0.01 min
 Lab File: BF108232.D
 Acq: 17 Aug 2018 10:04

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	196	Resp	399074
Ion Ratio	Lower	Upper	
196	100		
198	96.4	74.6	112.0
97	53.8	42.9	64.3
132	28.1	26.3	39.5

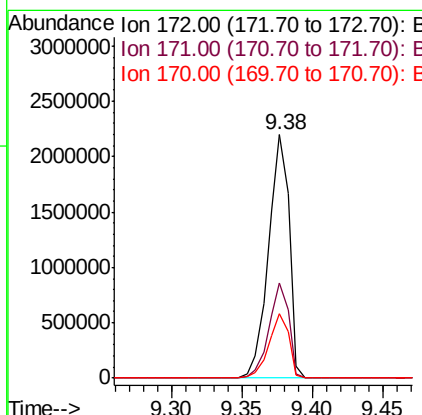
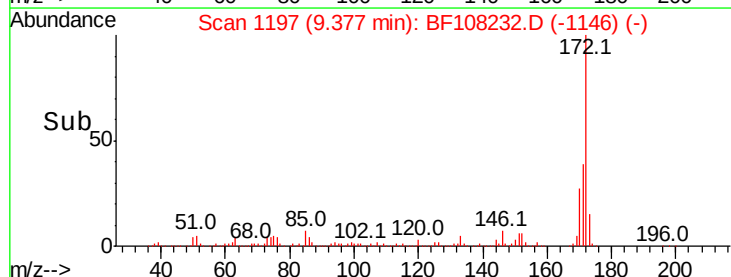
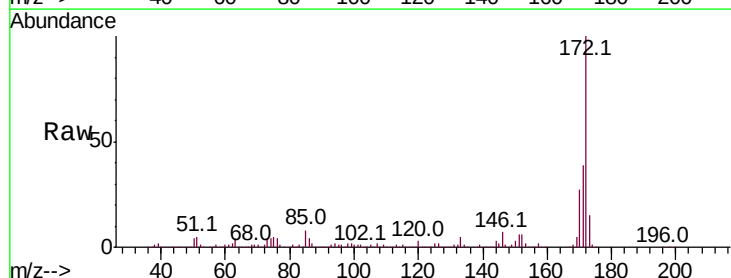
Manual Integrations
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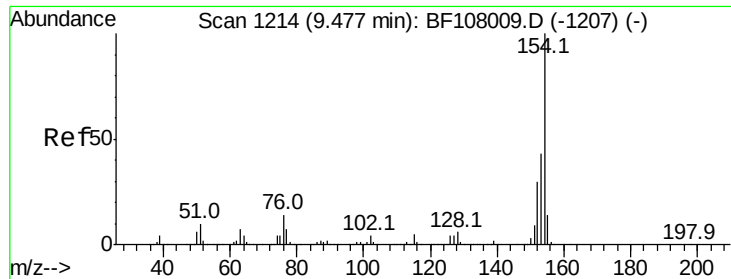
Sohil
 8/20/2018 12:48:12 PM



#44
 2-Fluorobiphenyl
 Concen: 77.856 ng
 RT: 9.38 min Scan# 1197
 Delta R.T. -0.00 min
 Lab File: BF108232.D
 Acq: 17 Aug 2018 10:04

Tgt Ion	172	Resp	2269817
Ion Ratio	Lower	Upper	
172	100		
171	39.2	29.7	44.5
170	26.5	19.6	29.4





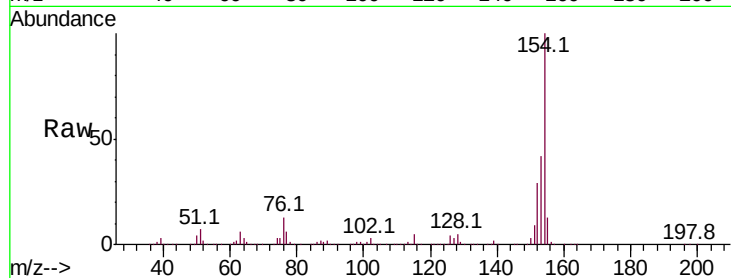
#45
1,1'-Biphenyl
Concen: 39.161 ng
RT: 9.48 min Scan# 1215
Delta R.T. 0.01 min
Lab File: BF108232.D
Acq: 17 Aug 2018 10:04

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
154	100		
153	41.6	21.3	61.3
76	12.5	0.0	34.0

Manual Integrations
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Sohil
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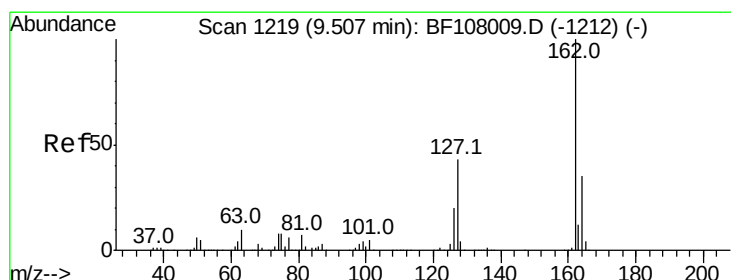
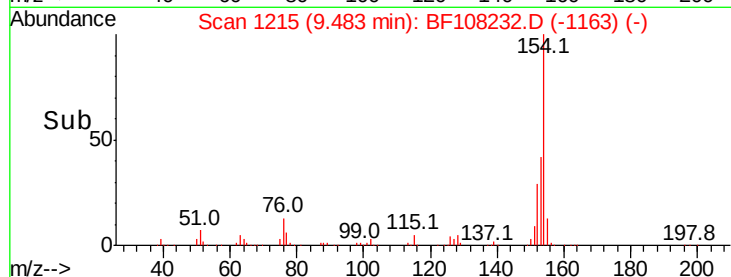
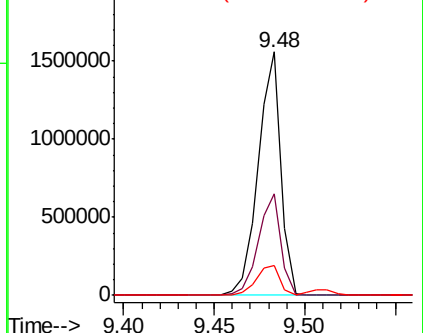


Abundance

Ion 154.00 (153.70 to 154.70): E

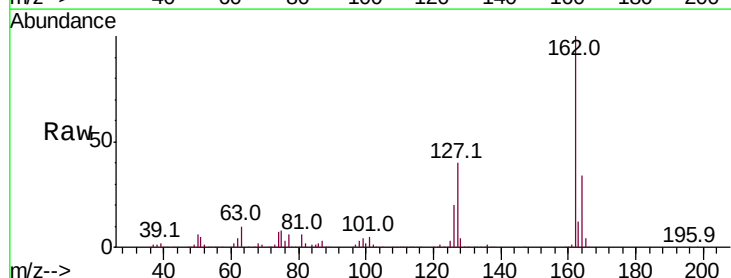
Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF1



#46
2-Chloronaphthalene
Concen: 39.046 ng
RT: 9.51 min Scan# 1220
Delta R.T. 0.01 min
Lab File: BF108232.D
Acq: 17 Aug 2018 10:04

Tgt Ion	Ratio	Lower	Upper
162	100		
127	40.5	33.9	50.9
164	34.5	26.5	39.7

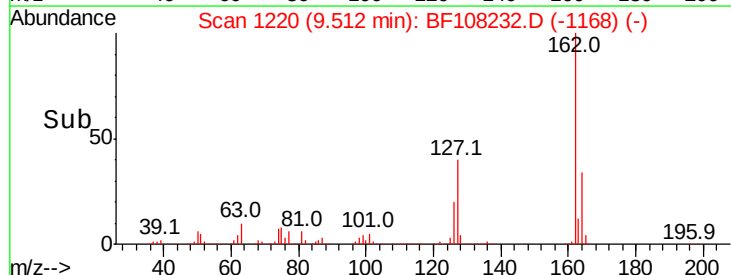
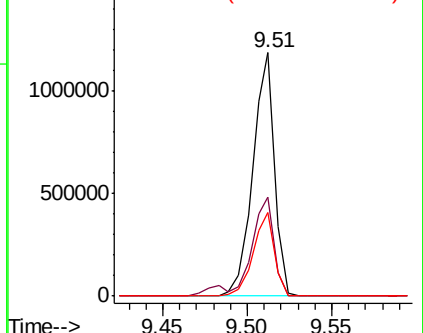


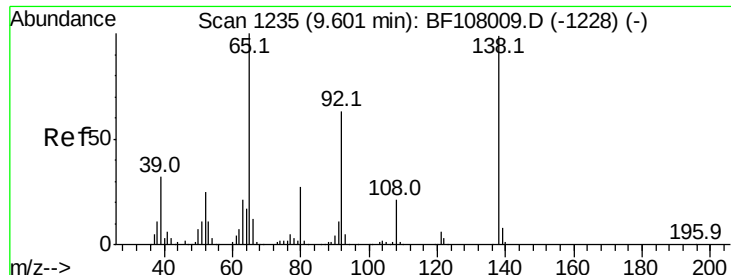
Abundance

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





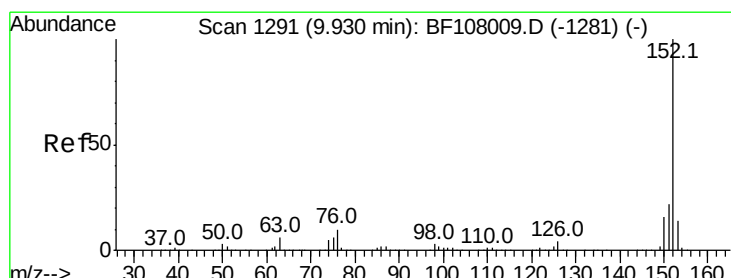
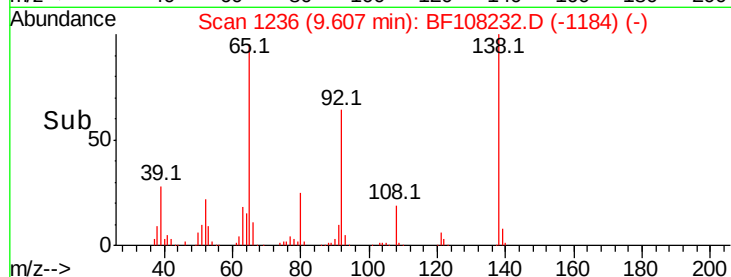
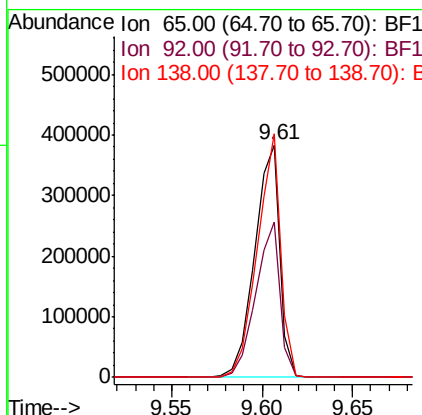
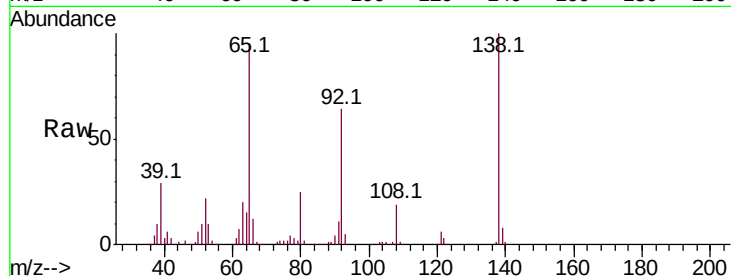
#47
2-Nitroaniline
Concen: 41.741 ng
RT: 9.61 min Scan# 1236
Delta R.T. 0.01 min
Lab File: BF108232.D
Acq: 17 Aug 2018 10:04

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
65	100		
92	66.6	55.8	83.6
138	104.8	91.2	136.8

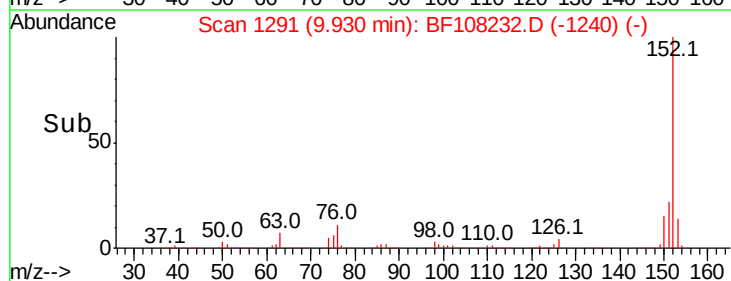
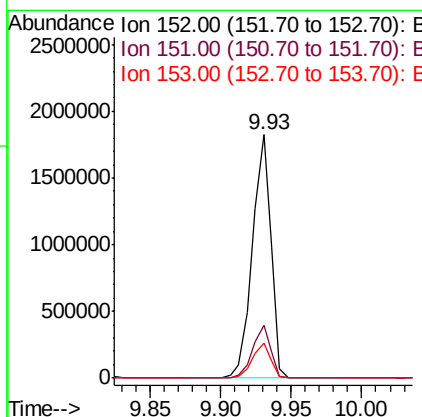
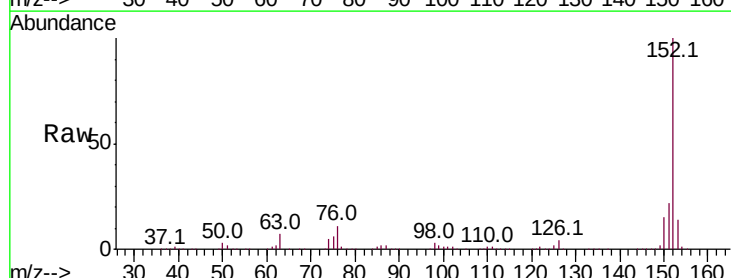
Manual Integrations
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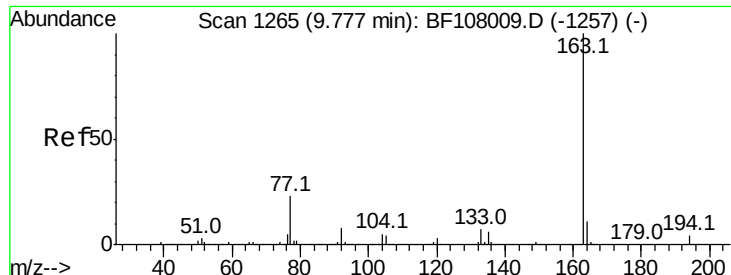
Sohil
8/20/2018 12:48:12 PM



#48
Acenaphthylene
Concen: 39.017 ng
RT: 9.93 min Scan# 1291
Delta R.T. -0.00 min
Lab File: BF108232.D
Acq: 17 Aug 2018 10:04

Tgt Ion	Ratio	Lower	Upper
152	100		
151	21.9	16.3	24.5
153	14.1	10.7	16.1





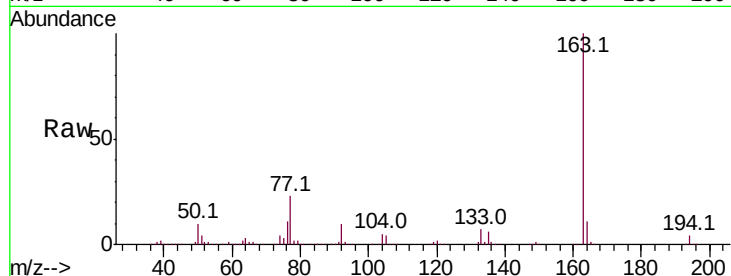
#49
Dimethylphthalate
Concen: 38.505 ng
RT: 9.78 min Scan# 1265
Delta R.T. -0.00 min
Lab File: BF108232.D
Acq: 17 Aug 2018 10:04

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

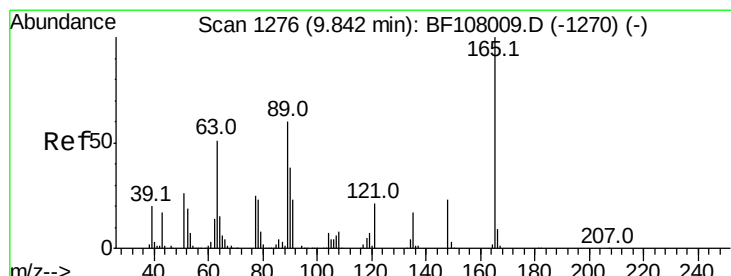
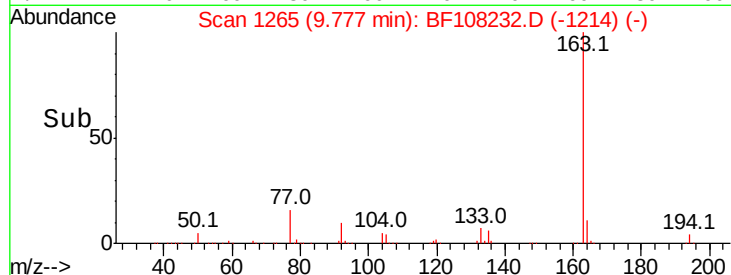
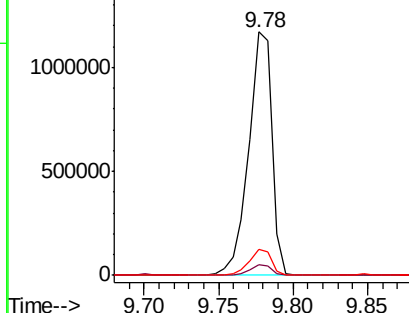
Tot Ion:163 Resp: 1255429
Ion Ratio Lower Upper
163 100
194 4.2 2.7 4.1#
164 10.8 8.2 12.2

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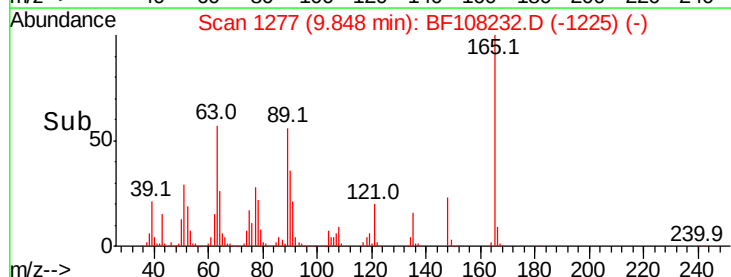
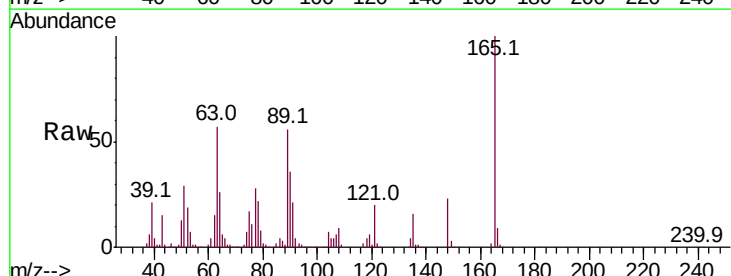
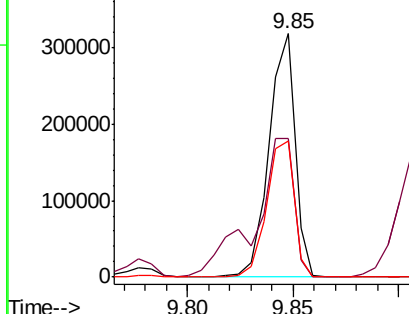
Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

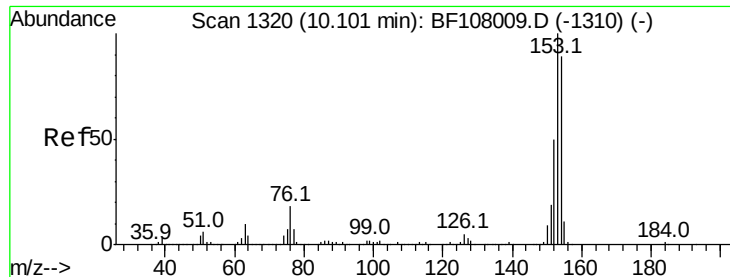


#50
2,6-Dinitrotoluene
Concen: 40.057 ng
RT: 9.85 min Scan# 1277
Delta R.T. 0.01 min
Lab File: BF108232.D
Acq: 17 Aug 2018 10:04

Tgt Ion:165 Resp: 273246
Ion Ratio Lower Upper
165 100
63 56.9 44.7 67.1
89 55.7 44.0 66.0

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





#51

Acenaphthene

Concen: 39.234 ng

RT: 10.10 min Scan# 1320

Delta R.T. -0.00 min

Lab File: BF108232.D

Acq: 17 Aug 2018 10:04

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:154 Resp: 1036209

Ion Ratio Lower Upper

154 100

153 111.7 91.2 136.8

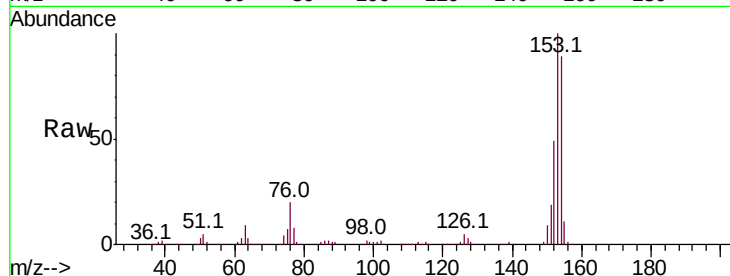
152 54.9 43.8 65.8

Manual Integrations

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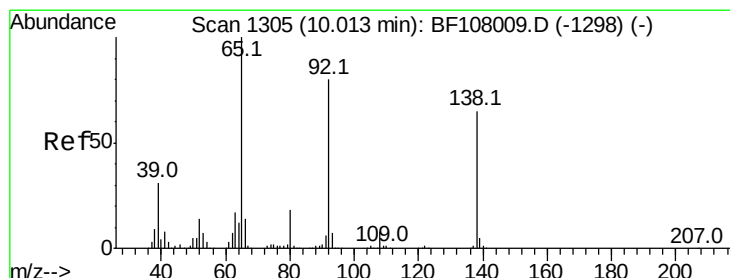
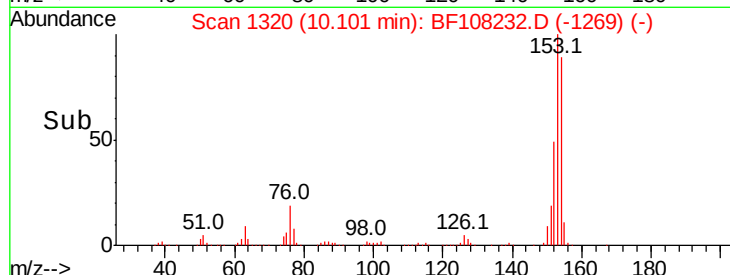
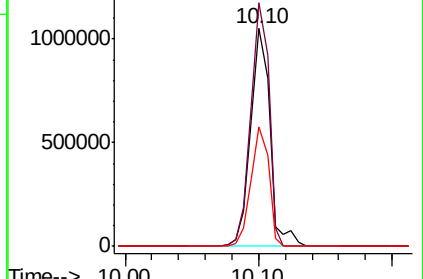
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Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 40.642 ng

RT: 10.02 min Scan# 1306

Delta R.T. 0.01 min

Lab File: BF108232.D

Acq: 17 Aug 2018 10:04

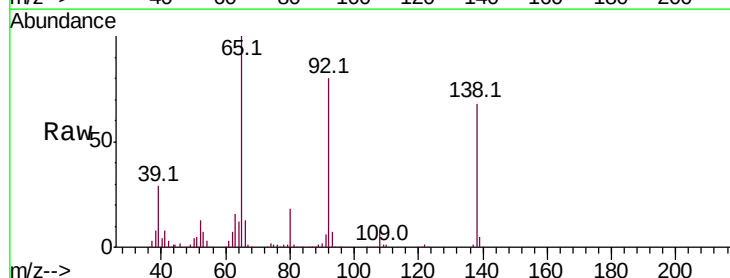
Tgt Ion:138 Resp: 303336

Ion Ratio Lower Upper

138 100

108 11.2 9.4 14.0

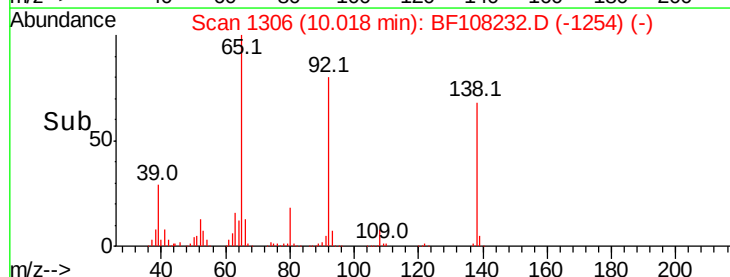
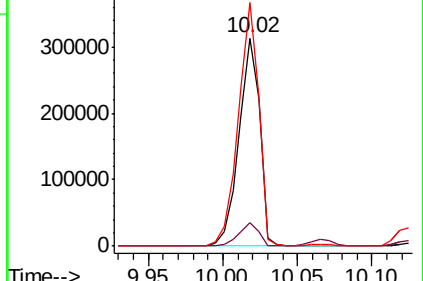
92 117.1 89.4 134.2

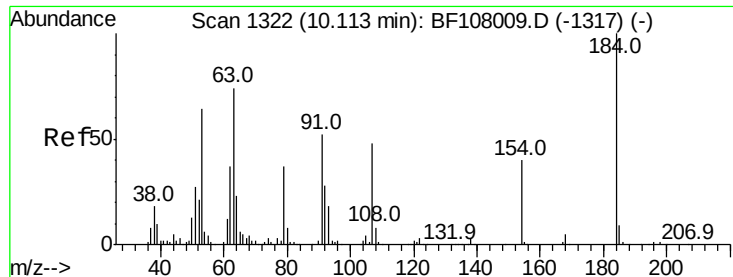


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF1





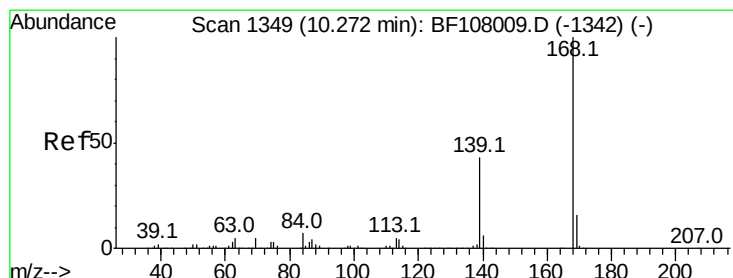
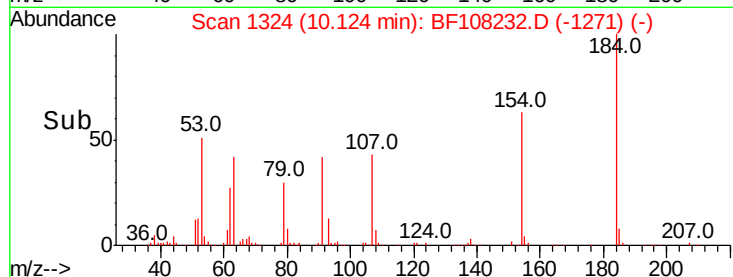
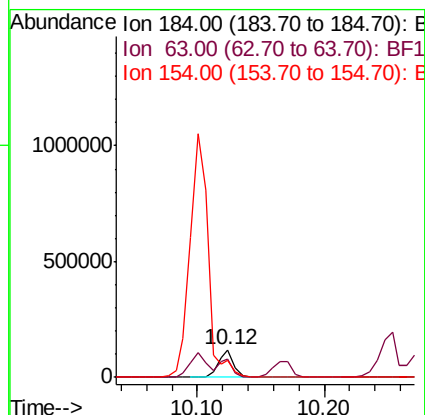
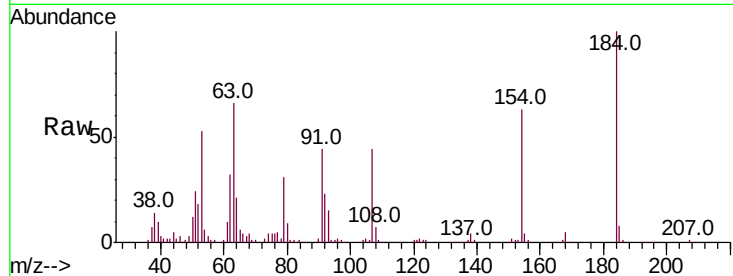
#53
2,4-Dinitrophenol
Concen: 43.669 ng
RT: 10.12 min Scan# 1324
Delta R.T. 0.01 min
Lab File: BF108232.D
Acq: 17 Aug 2018 10:04

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
184	100		
63	65.9	54.2	81.2
154	63.0	184.0	276.0#

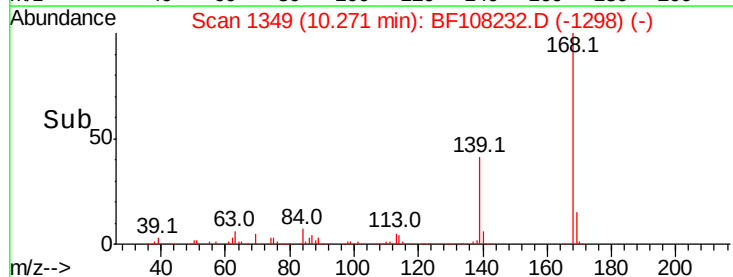
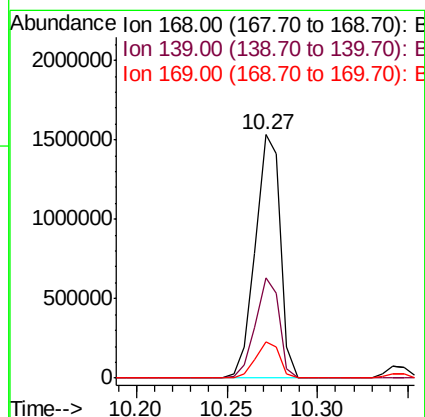
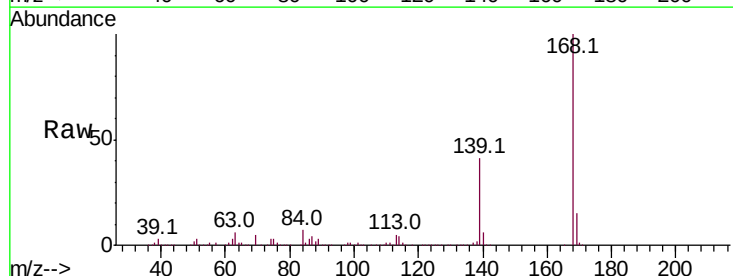
Manual Integrations
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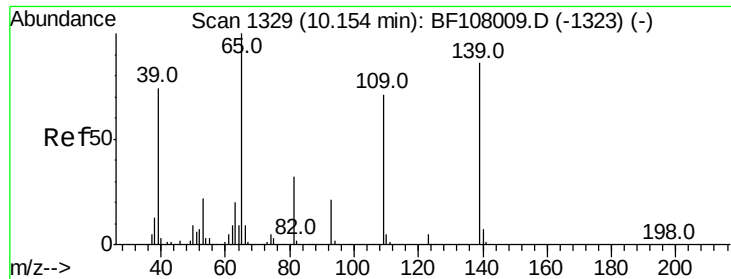
Sohil
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#54
Dibenzofuran
Concen: 38.413 ng
RT: 10.27 min Scan# 1349
Delta R.T. -0.00 min
Lab File: BF108232.D
Acq: 17 Aug 2018 10:04

Tgt Ion	Ratio	Lower	Upper
168	100		
139	41.3	30.1	45.1
169	15.1	10.9	16.3





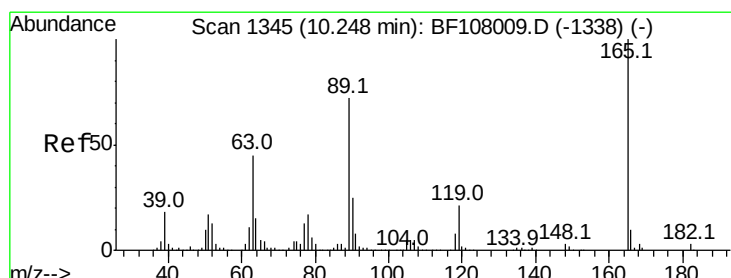
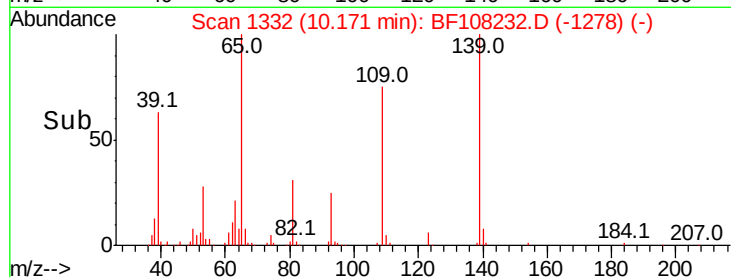
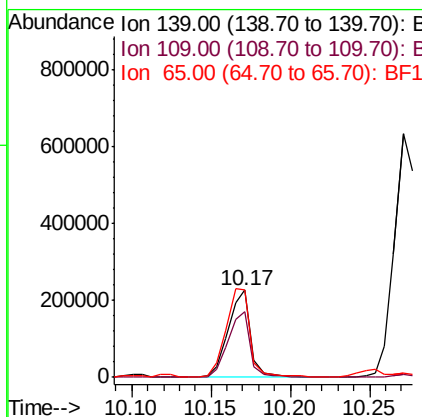
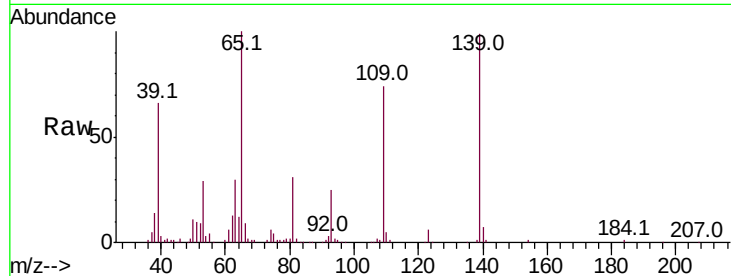
#55
4-Nitrophenol
Concen: 39.630 ng
RT: 10.17 min Scan# 1332
Delta R.T. 0.02 min
Lab File: BF108232.D
Acq: 17 Aug 2018 10:04

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
139	100		
109	75.0	48.4	88.4
65	100.9	72.6	112.6

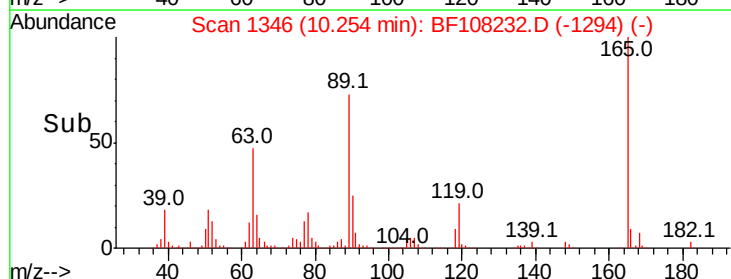
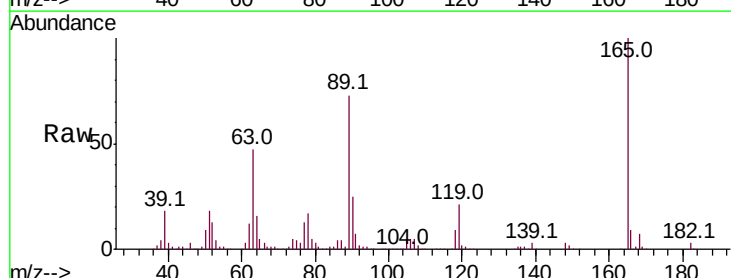
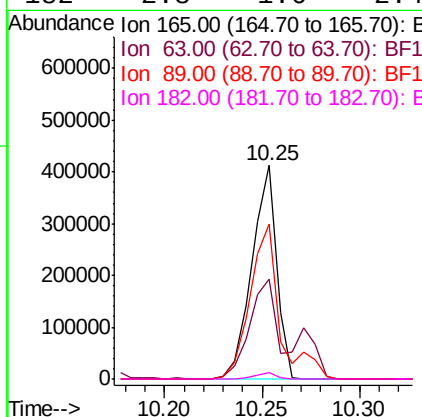
Manual Integrations
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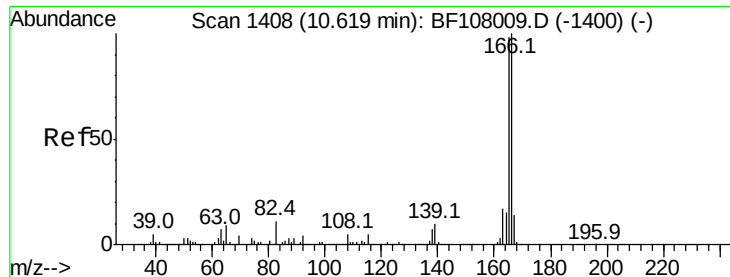
Sohil
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#56
2,4-Dinitrotoluene
Concen: 41.560 ng
RT: 10.25 min Scan# 1346
Delta R.T. 0.01 min
Lab File: BF108232.D
Acq: 17 Aug 2018 10:04

Tgt Ion	Ratio	Lower	Upper
165	100		
63	46.7	36.4	54.6
89	72.5	57.8	86.6
182	2.8	1.6	2.4#





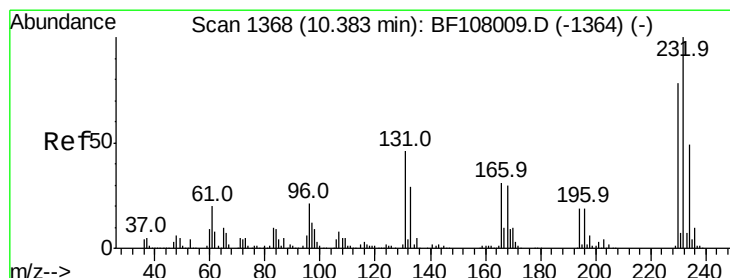
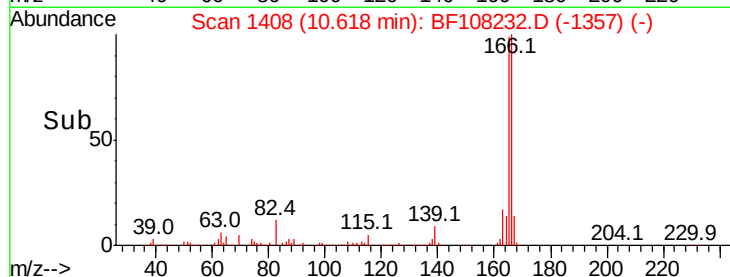
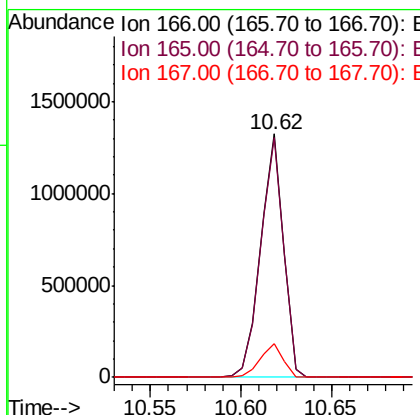
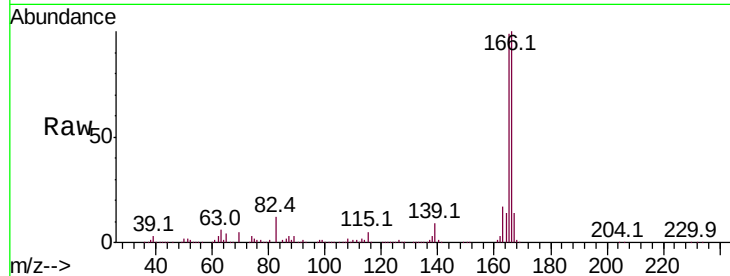
#57
 Fluorene
 Concen: 38.350 ng
 RT: 10.62 min Scan# 1408
 Delta R.T. -0.00 min
 Lab File: BF108232.D
 Acq: 17 Aug 2018 10:04

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
166	100		
165	98.5	79.8	119.8
167	13.8	10.6	16.0

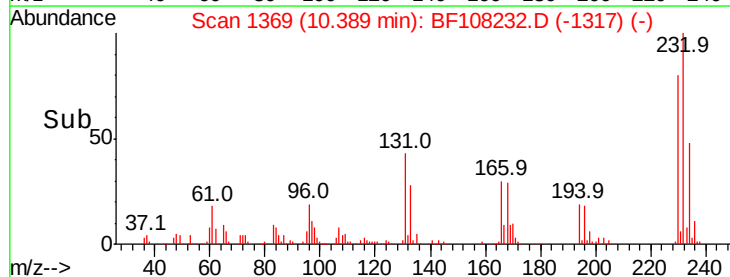
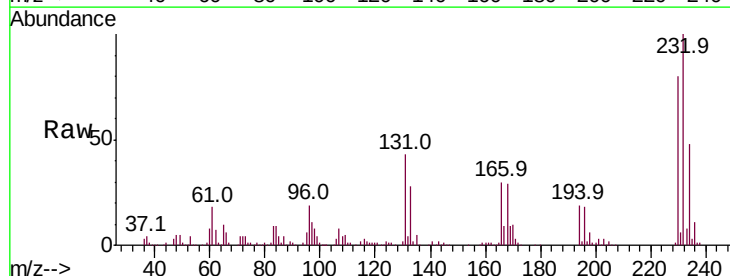
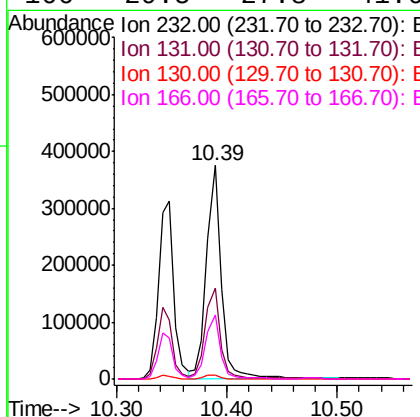
Manual Integrations
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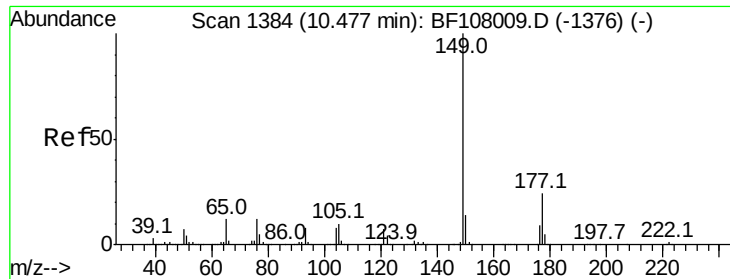
Sohil
 8/20/2018 12:48:12 PM



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 41.244 ng
 RT: 10.39 min Scan# 1369
 Delta R.T. 0.01 min
 Lab File: BF108232.D
 Acq: 17 Aug 2018 10:04

Tgt Ion	Ratio	Lower	Upper
232	100		
131	42.6	43.8	65.8#
130	2.1	2.1	3.1
166	29.5	27.8	41.6





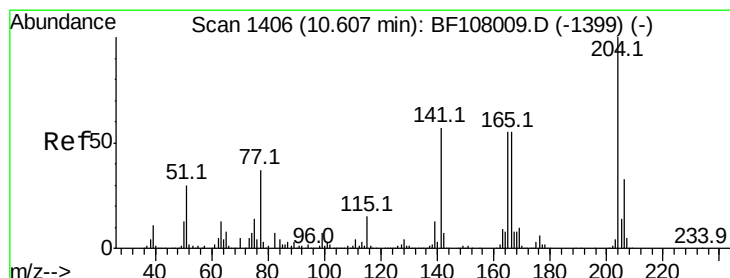
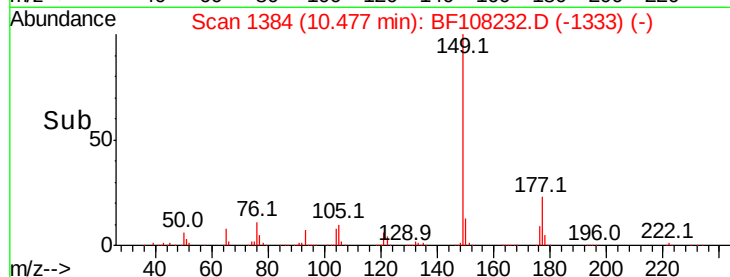
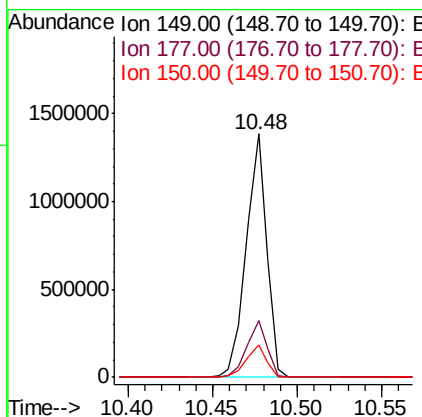
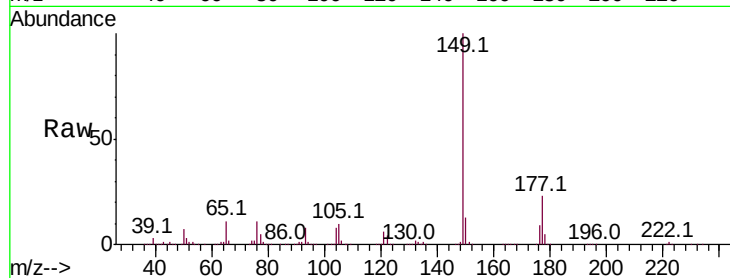
#59
 Diethylphthalate
 Concen: 37.449 ng
 RT: 10.48 min Scan# 1384
 Delta R.T. -0.00 min
 Lab File: BF108232.D
 Acq: 17 Aug 2018 10:04

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion:	149	Resp:	1182343
Ion	Ratio	Lower	Upper
149	100		
177	23.4	16.1	24.1
150	13.1	10.1	15.1

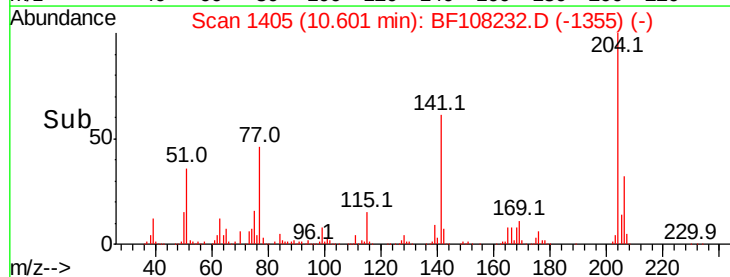
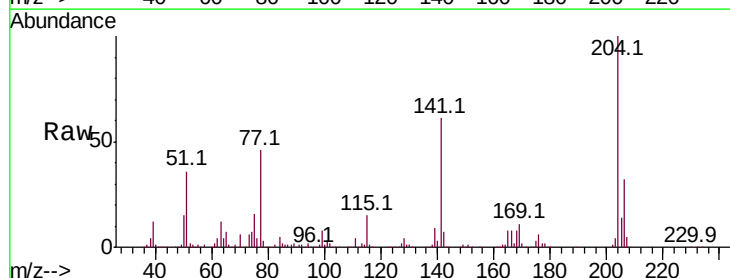
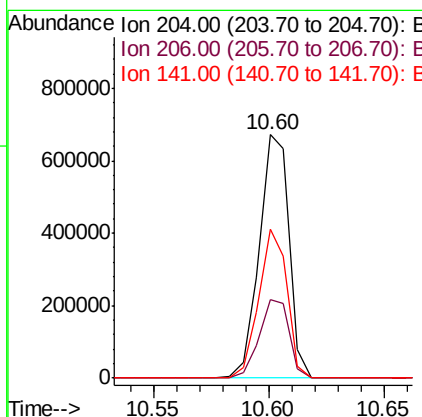
Manual Integrations
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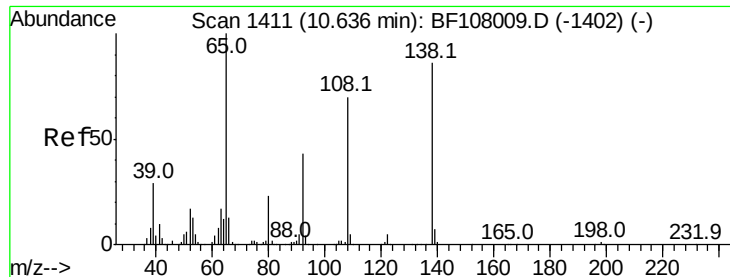
Sohil
 8/20/2018 12:48:12 PM



#60
 4-Chlorophenyl-phenylether
 Concen: 38.233 ng
 RT: 10.60 min Scan# 1405
 Delta R.T. -0.01 min
 Lab File: BF108232.D
 Acq: 17 Aug 2018 10:04

Tgt Ion:	204	Resp:	603452
Ion	Ratio	Lower	Upper
204	100		
206	32.5	26.5	39.7
141	61.2	54.6	81.8





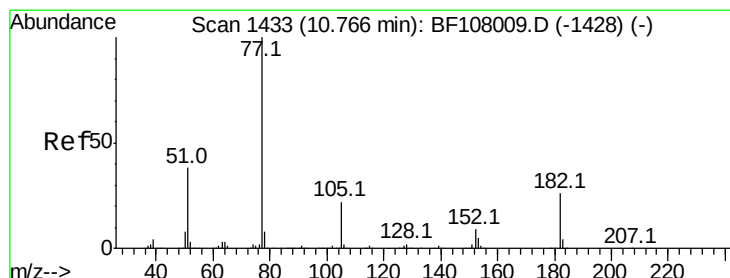
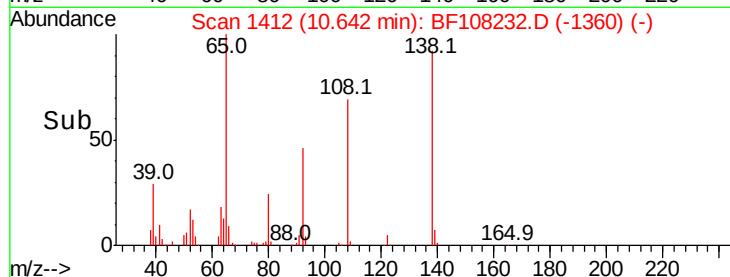
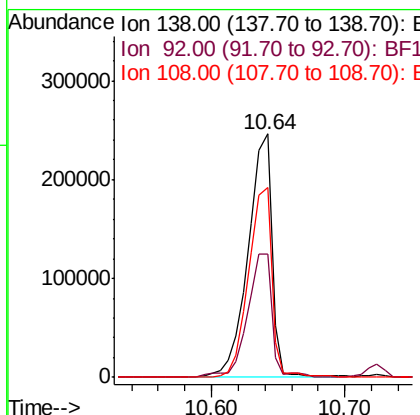
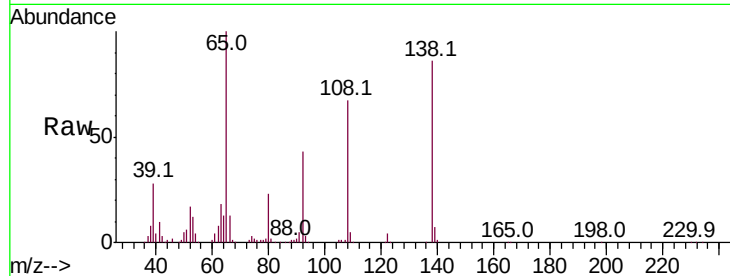
#61
4-Nitroaniline
Concen: 41.142 ng
RT: 10.64 min Scan# 1412
Delta R.T. 0.01 min
Lab File: BF108232.D
Acq: 17 Aug 2018 10:04

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
138	100		
92	50.4	30.2	70.2
108	78.0	52.5	92.5

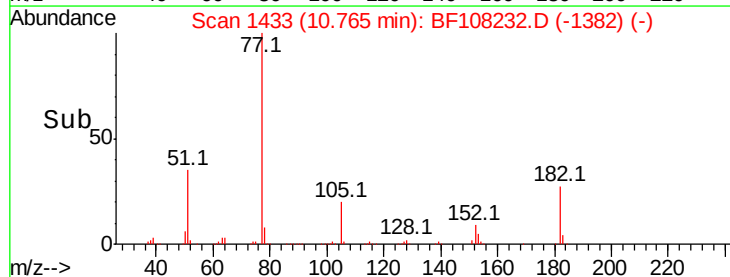
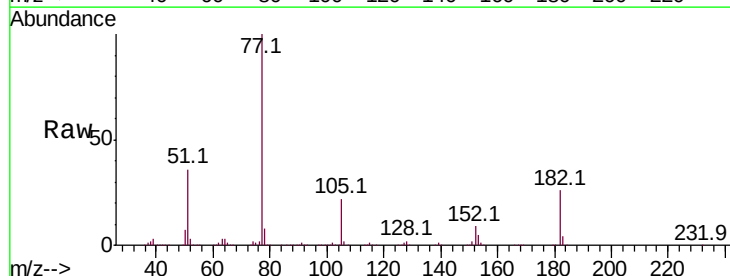
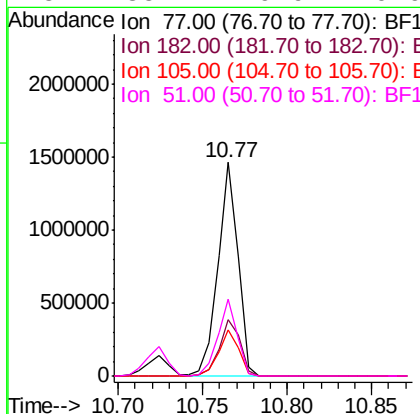
Manual Integrations
APPROVED

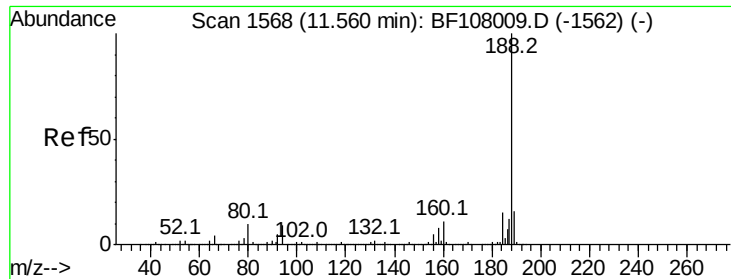
Sohil
8/20/2018 12:48:12 PM



#62
Azobenzene
Concen: 37.151 ng
RT: 10.77 min Scan# 1433
Delta R.T. -0.00 min
Lab File: BF108232.D
Acq: 17 Aug 2018 10:04

Tgt Ion	Ratio	Lower	Upper
77	100		
182	26.3	1.7	41.7
105	21.8	3.0	43.0
51	35.7	9.9	49.9





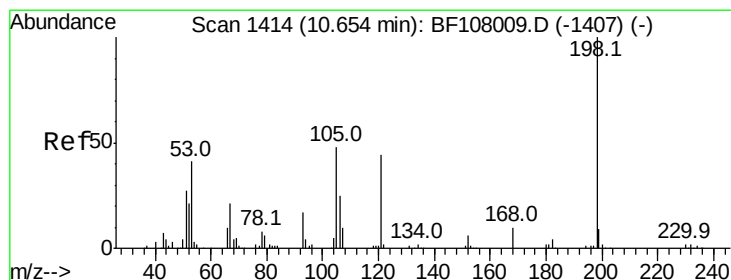
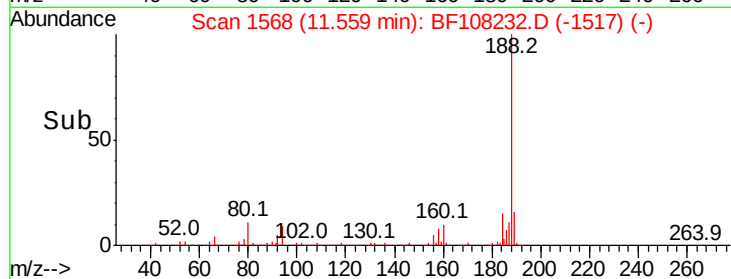
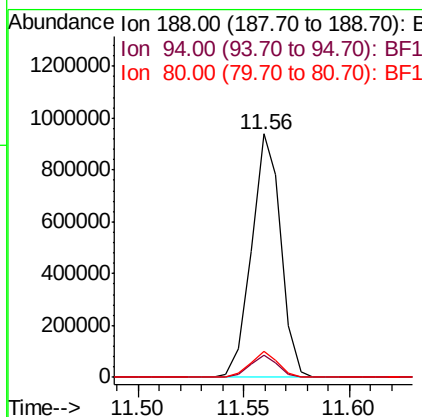
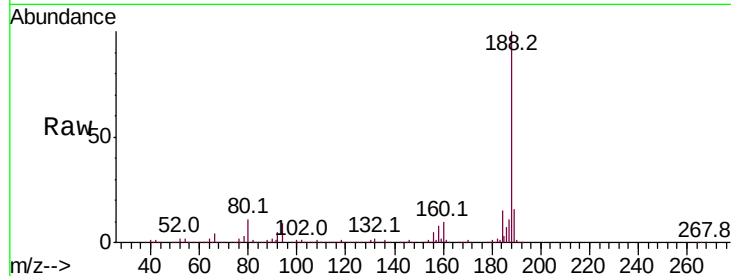
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.56 min Scan# 1568
Delta R.T. -0.00 min
Lab File: BF108232.D
Acq: 17 Aug 2018 10:04

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
188	100	901820		
94	9.1	8.5	12.7	
80	10.6	9.2	13.8	

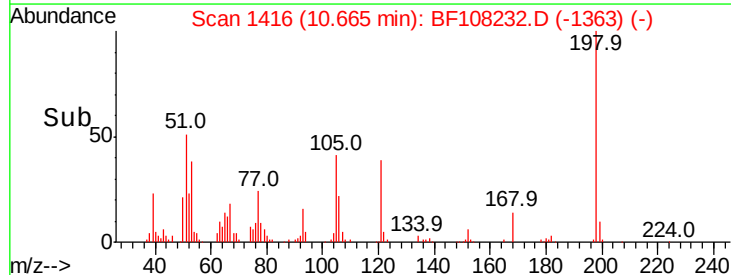
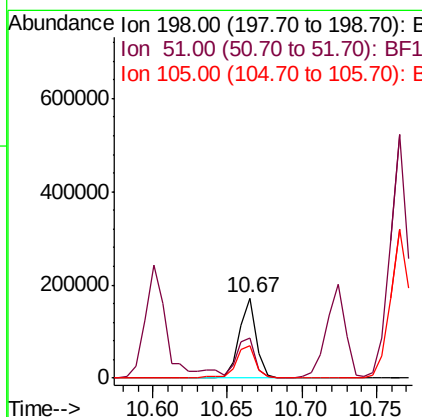
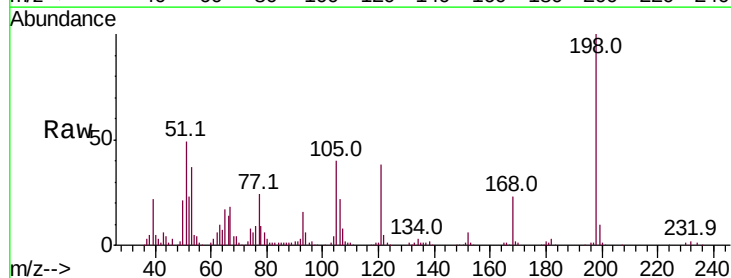
Manual Integrations
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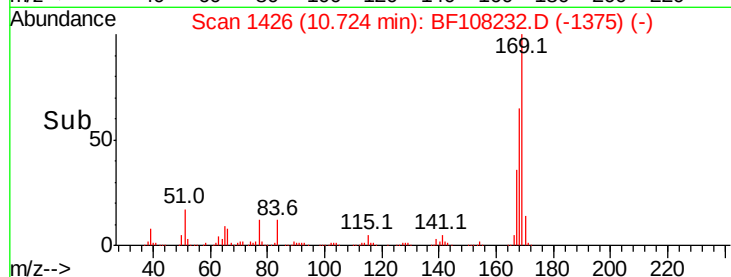
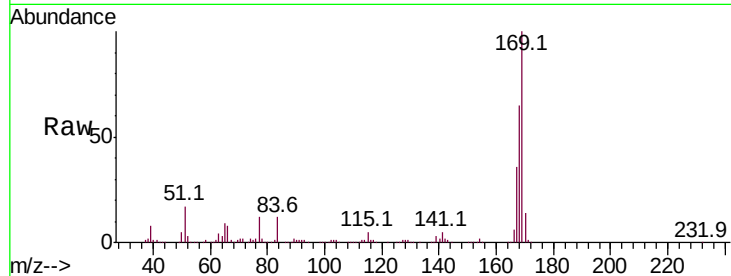
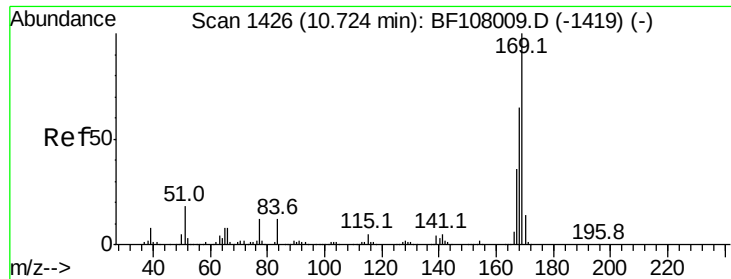
Sohil
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#64
4,6-Dinitro-2-methylphenol
Concen: 41.476 ng
RT: 10.67 min Scan# 1416
Delta R.T. 0.01 min
Lab File: BF108232.D
Acq: 17 Aug 2018 10:04

Tgt Ion	Ratio	Resp	Lower	Upper
198	100	137652		
51	49.3	37.7	77.7	
105	40.4	36.3	76.3	





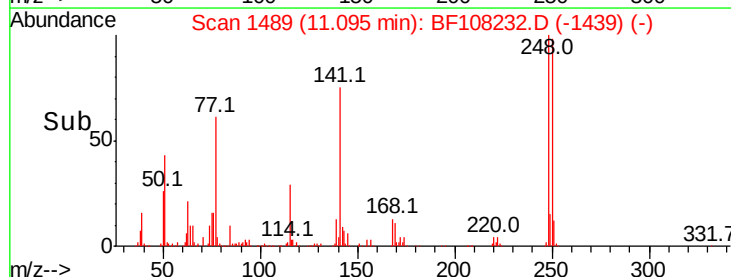
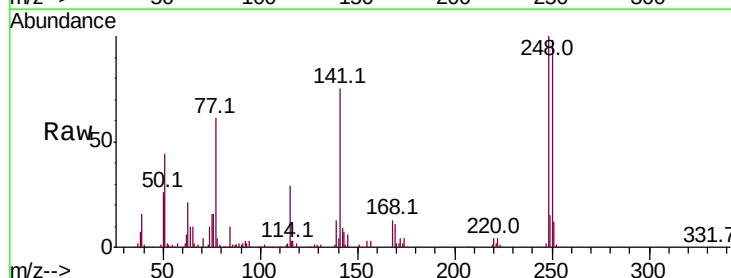
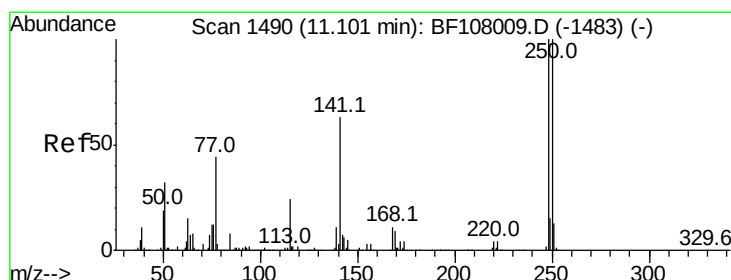
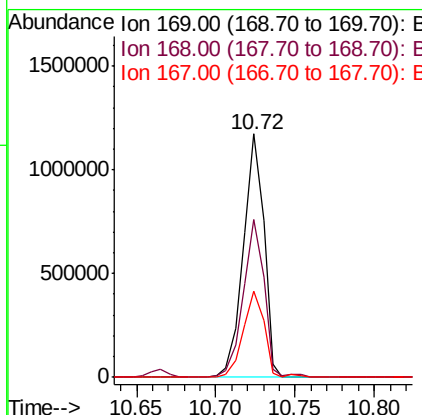
#65
n-Nitrosodiphenylamine
Concen: 39.680 ng
RT: 10.72 min Scan# 1426
Delta R.T. -0.00 min
Lab File: BF108232.D
Acq: 17 Aug 2018 10:04

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
169	100		
168	64.9	54.4	81.6
167	35.6	29.8	44.6

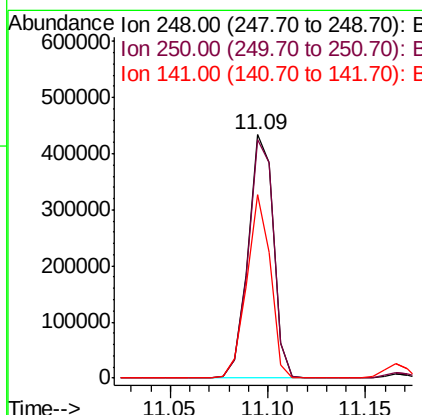
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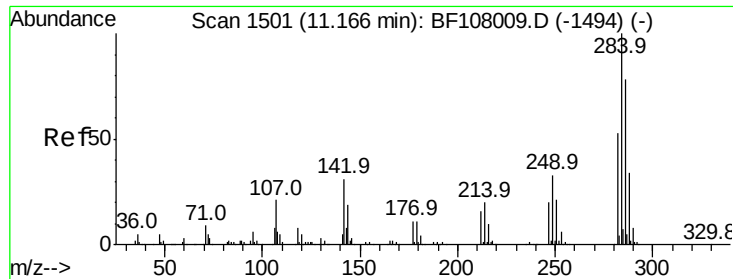
Sohil
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#66
4-Bromophenyl-phenylether
Concen: 39.779 ng
RT: 11.09 min Scan# 1489
Delta R.T. -0.01 min
Lab File: BF108232.D
Acq: 17 Aug 2018 10:04

Tgt Ion	Ratio	Lower	Upper
248	100		
250	97.9	76.9	115.3
141	75.4	74.4	111.6





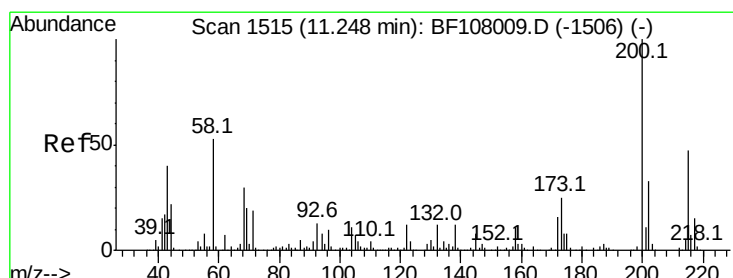
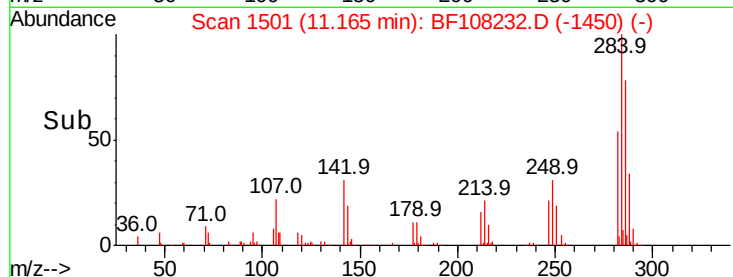
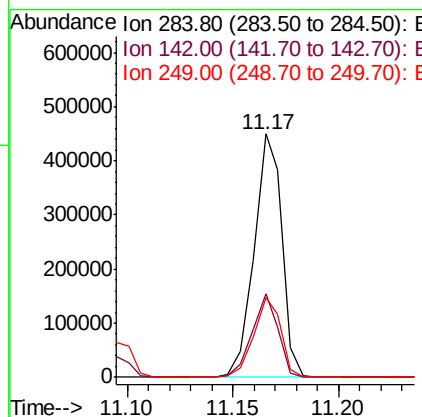
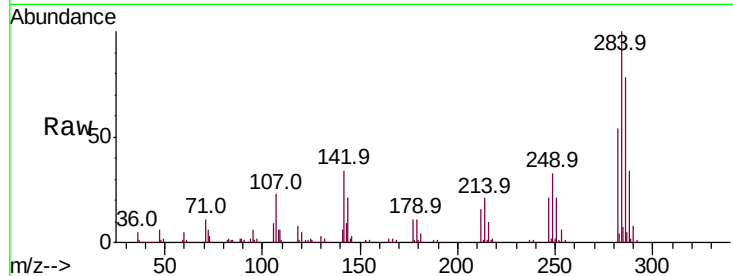
#67
Hexachlorobenzene
Concen: 39.696 ng
RT: 11.17 min Scan# 1501
Delta R.T. -0.00 min
Lab File: BF108232.D
Acq: 17 Aug 2018 10:04

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
284	100	409324		
142	34.4	34.6	52.0#	
249	32.9	24.8	37.2	

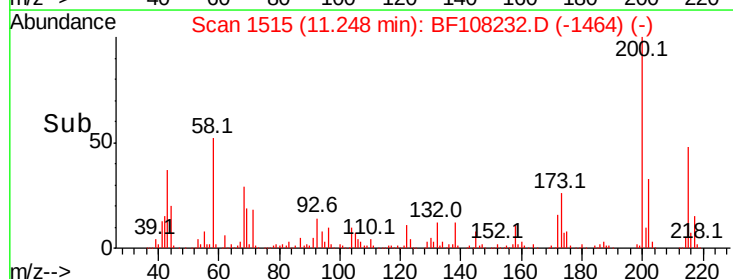
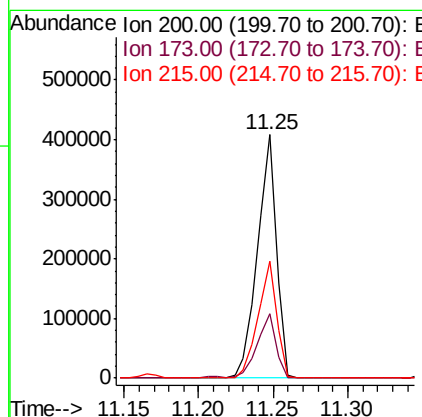
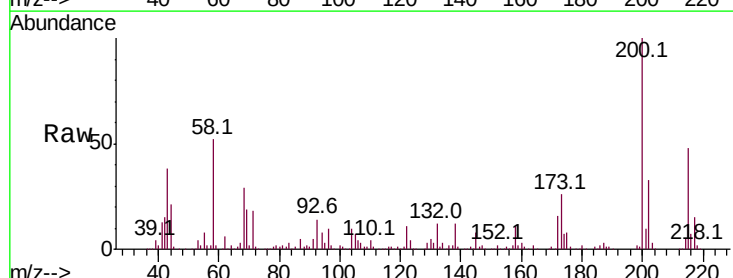
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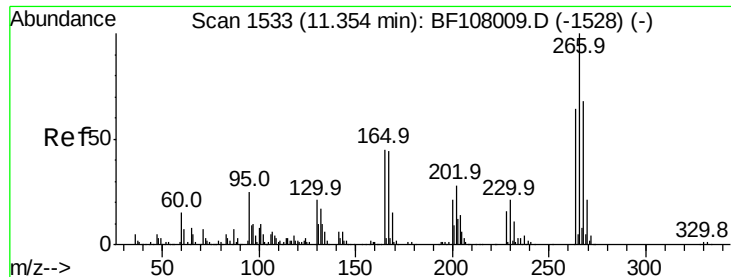
Sohil
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#68
Atrazine
Concen: 39.843 ng
RT: 11.25 min Scan# 1515
Delta R.T. -0.00 min
Lab File: BF108232.D
Acq: 17 Aug 2018 10:04

Tgt Ion	Ratio	Resp	Lower	Upper
200	100	356138		
173	26.3	8.6	48.6	
215	47.9	25.1	65.1	





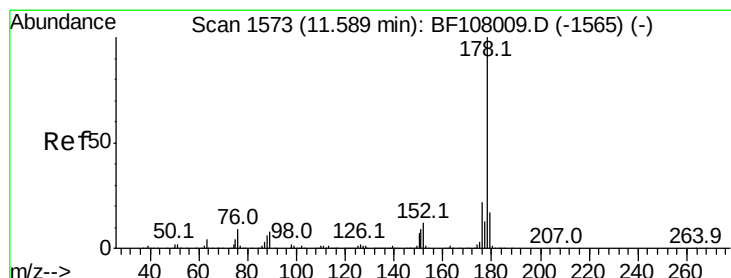
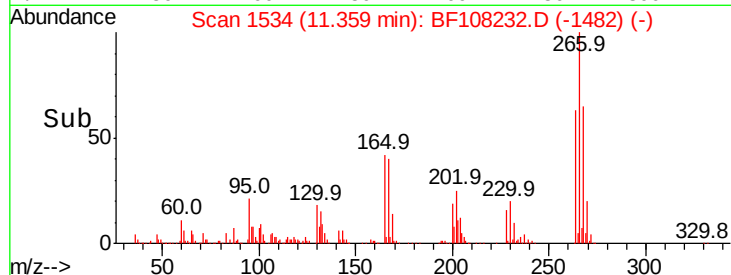
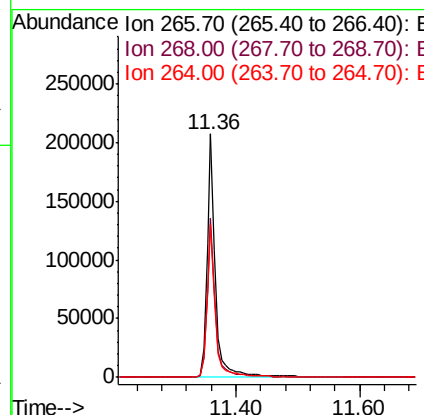
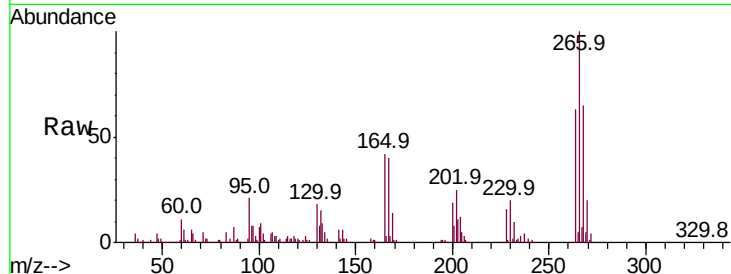
#69
 Pentachlorophenol
 Concen: 40.929 ng
 RT: 11.36 min Scan# 1534
 Delta R.T. 0.01 min
 Lab File: BF108232.D
 Acq: 17 Aug 2018 10:04

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
266	100	202005		
268	65.3		51.1	76.7
264	62.8		49.5	74.3

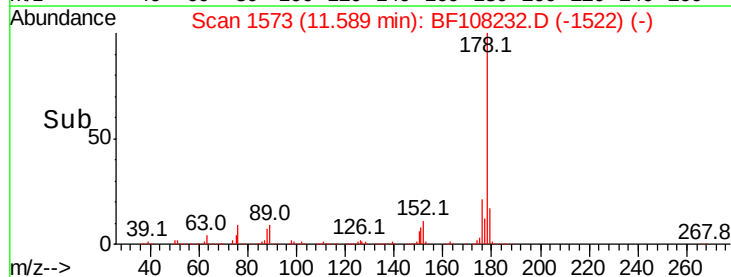
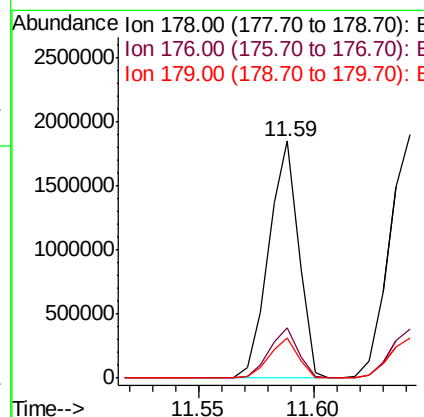
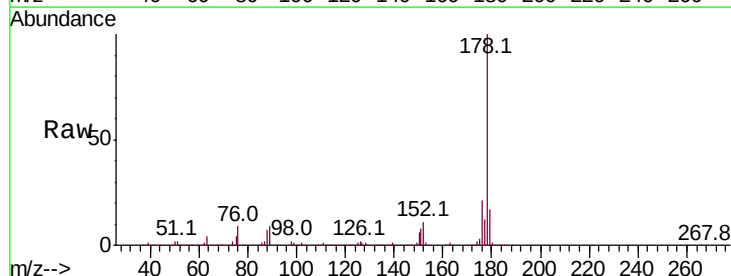
Manual Integrations
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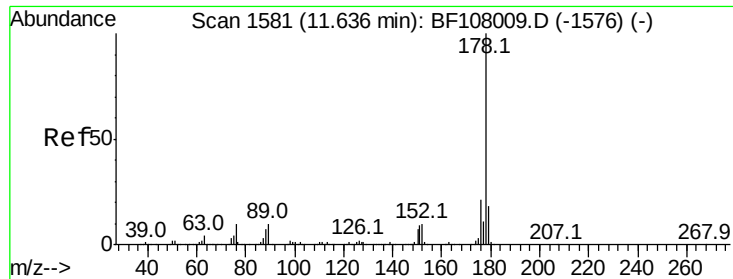
Sohil
 8/20/2018 12:48:12 PM



#70
 Phenanthrene
 Concen: 39.115 ng
 RT: 11.59 min Scan# 1573
 Delta R.T. -0.00 min
 Lab File: BF108232.D
 Acq: 17 Aug 2018 10:04

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	1663789		
176	21.1		15.8	23.8
179	16.7		13.0	19.6





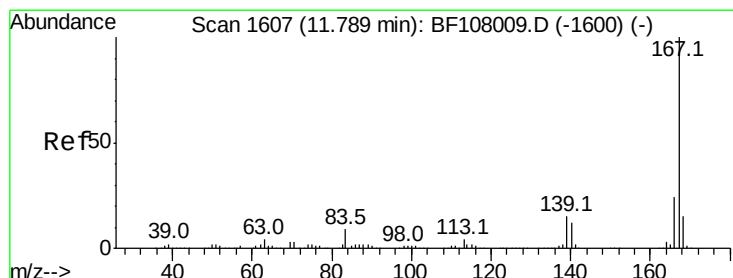
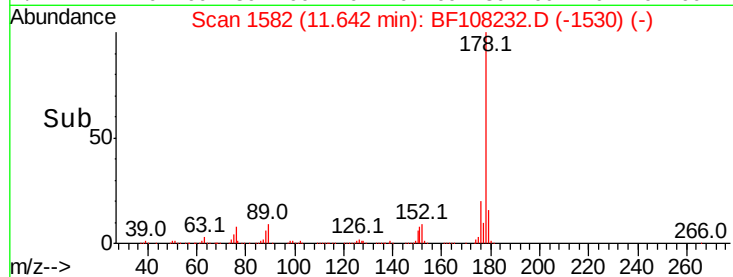
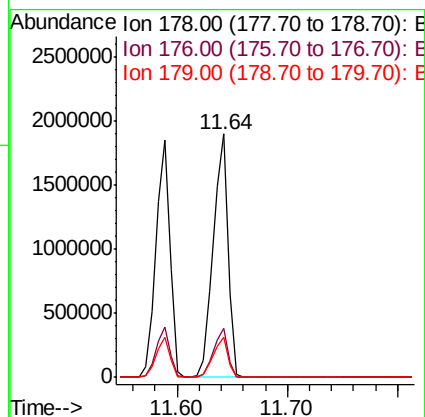
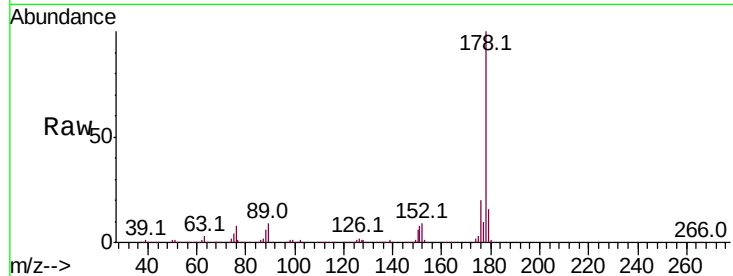
#71
 Anthracene
 Concen: 39.469 ng
 RT: 11.64 min Scan# 1582
 Delta R.T. 0.01 min
 Lab File: BF108232.D
 Acq: 17 Aug 2018 10:04

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
178	100		
176	20.4	15.4	23.2
179	16.4	12.6	19.0

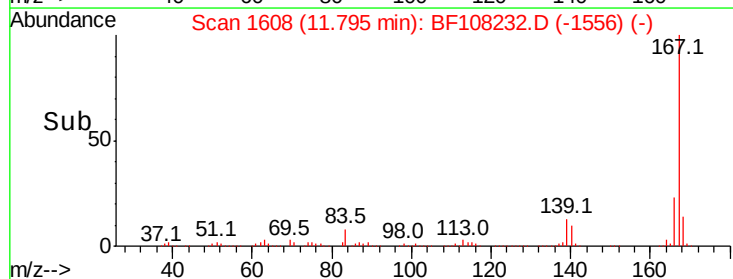
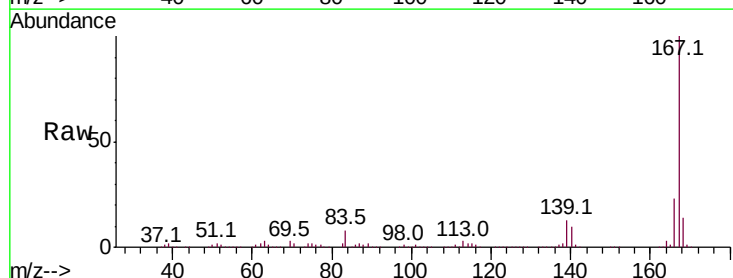
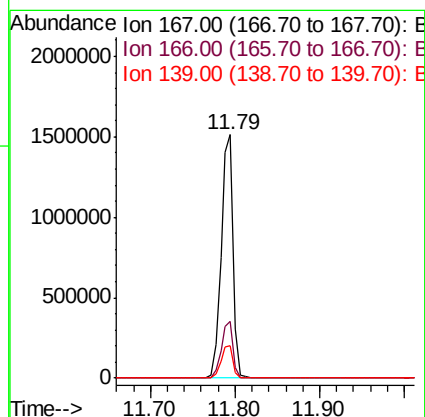
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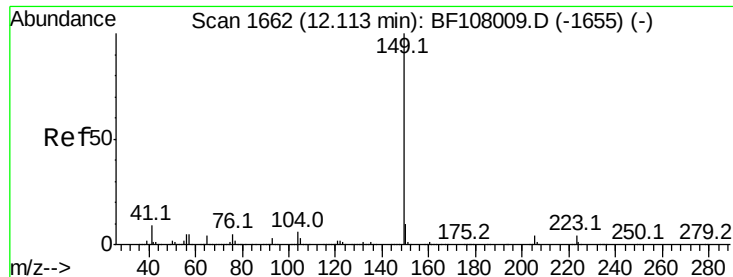
Sohil
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#72
 Carbazole
 Concen: 38.813 ng
 RT: 11.79 min Scan# 1608
 Delta R.T. 0.01 min
 Lab File: BF108232.D
 Acq: 17 Aug 2018 10:04

Tgt Ion	Ratio	Lower	Upper
167	100		
166	23.2	17.6	26.4
139	13.3	10.9	16.3





#73

Di-n-butylphthalate

Concen: 39.995 ng

RT: 12.11 min Scan# 1661

Delta R.T. -0.01 min

Lab File: BF108232.D

Acq: 17 Aug 2018 10:04

Instrument :

BNA_F

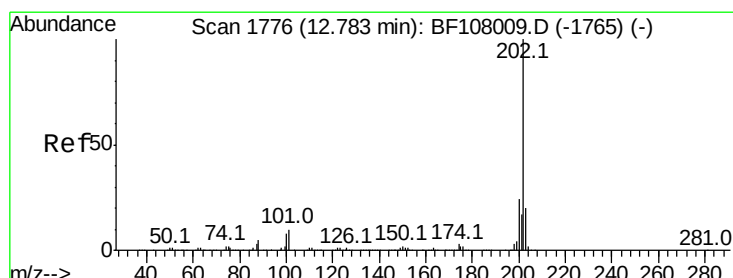
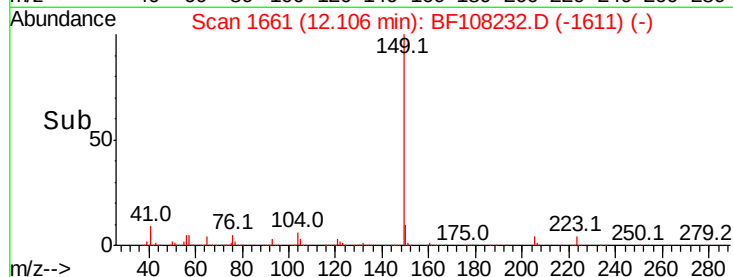
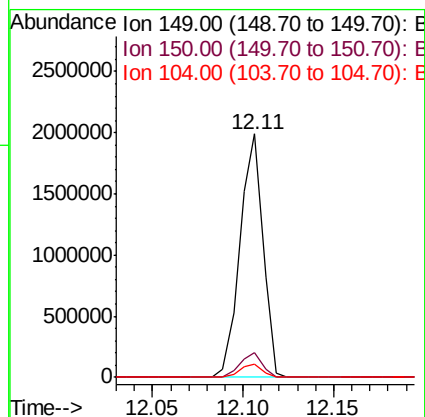
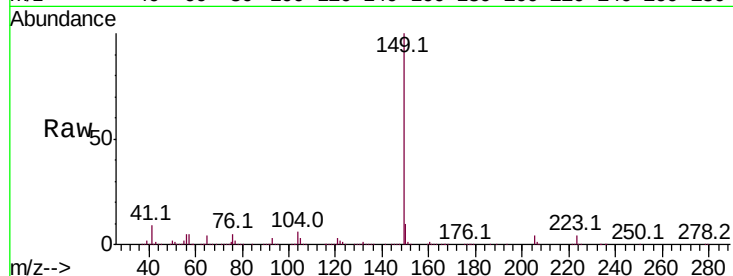
ClientSampleId :

SSTDCCC040

Tot Ion:	149	Resp:	1754724
Ion	Ratio	Lower	Upper
149	100		
150	10.1	7.8	11.6
104	5.6	3.8	5.8

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#74

Fluoranthene

Concen: 38.664 ng

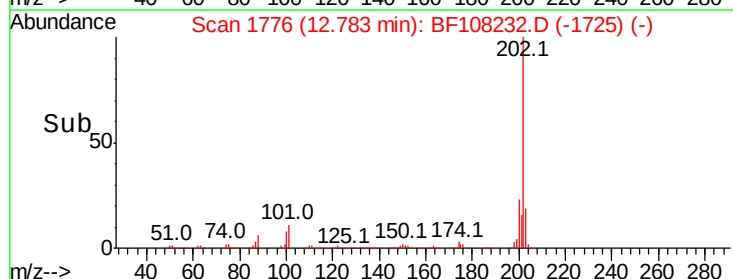
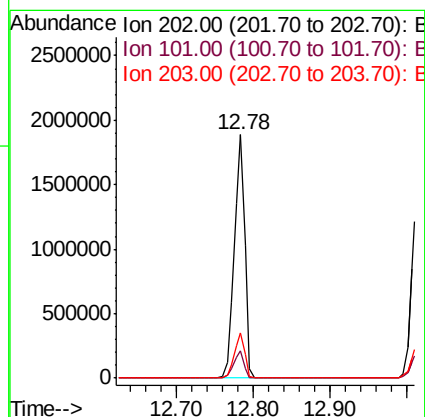
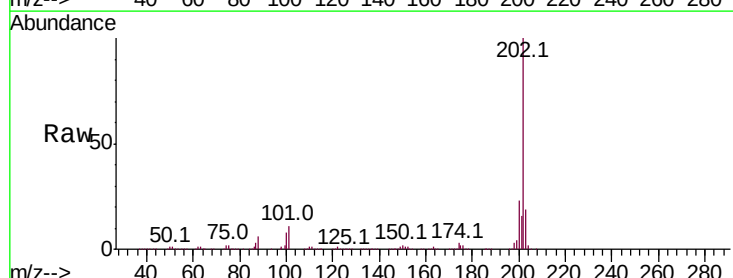
RT: 12.78 min Scan# 1776

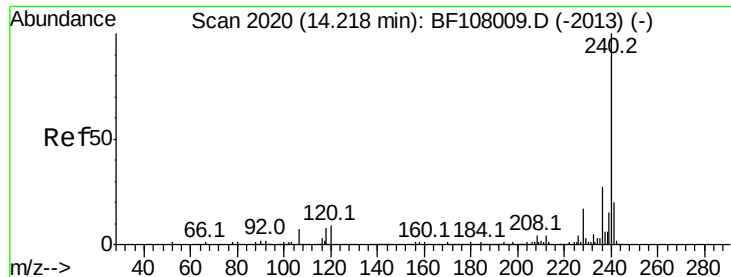
Delta R.T. -0.00 min

Lab File: BF108232.D

Acq: 17 Aug 2018 10:04

Tgt Ion:	202	Resp:	1794890
Ion	Ratio	Lower	Upper
202	100		
101	11.1	0.0	34.1
203	18.8	0.0	38.1





#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.22 min Scan# 2020

Delta R.T. -0.00 min

Lab File: BF108232.D

Acq: 17 Aug 2018 10:04

Instrument :

BNA_F

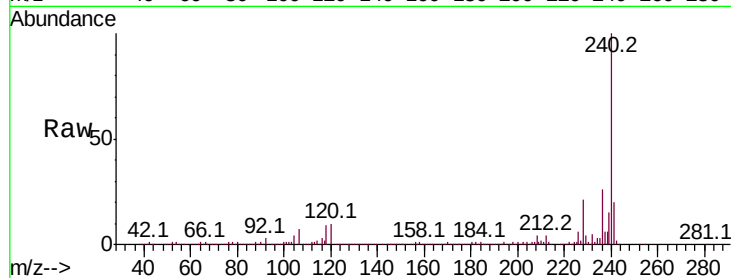
ClientSampleId :

SSTDCCC040

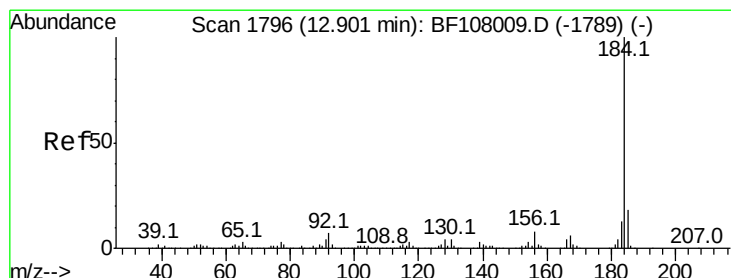
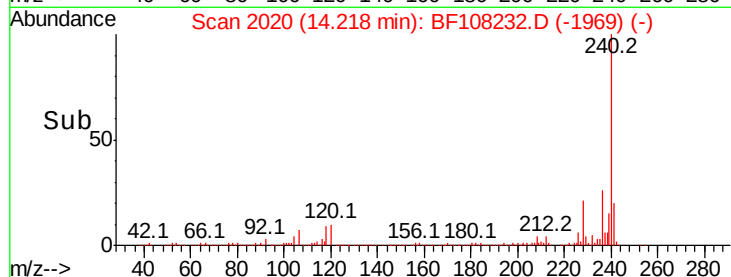
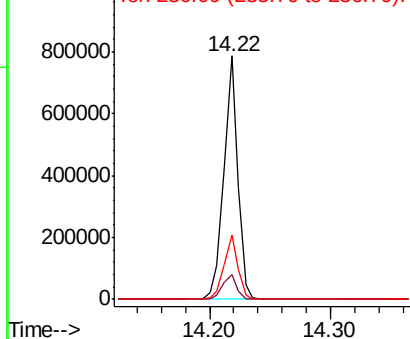
Tot Ion:	240	Resp:	624235
Ion Ratio	Lower	Upper	
240	100		
120	10.1	9.5	14.3
236	26.4	20.7	31.1

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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: 43.715 ng

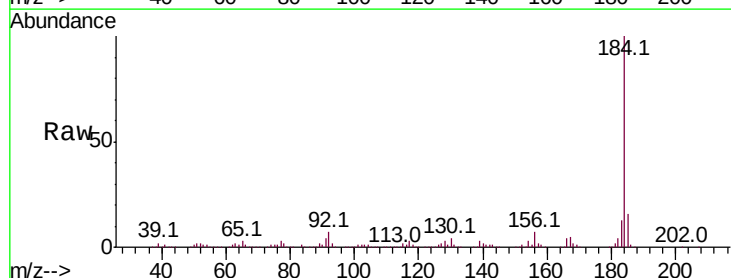
RT: 12.90 min Scan# 1796

Delta R.T. -0.00 min

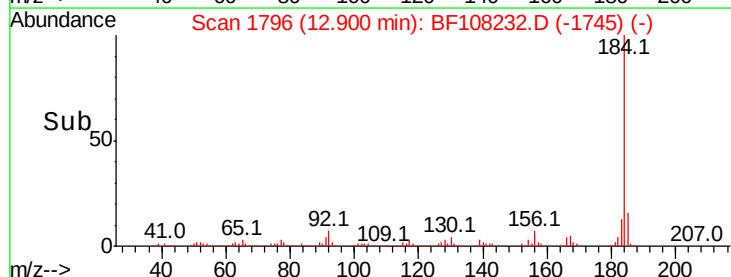
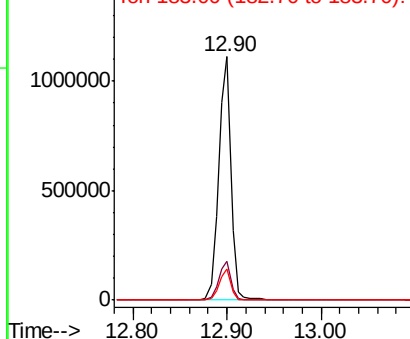
Lab File: BF108232.D

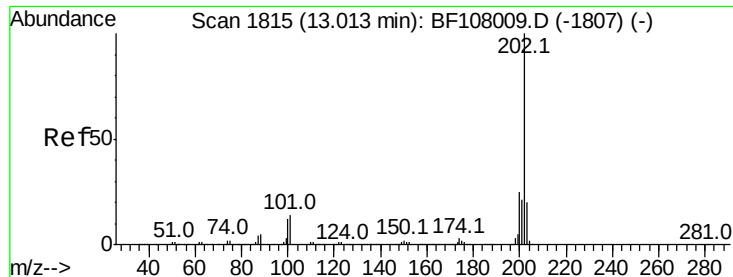
Acq: 17 Aug 2018 10:04

Tgt Ion:	184	Resp:	1019569
Ion Ratio	Lower	Upper	
184	100		
185	15.8	12.6	18.8
183	12.6	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





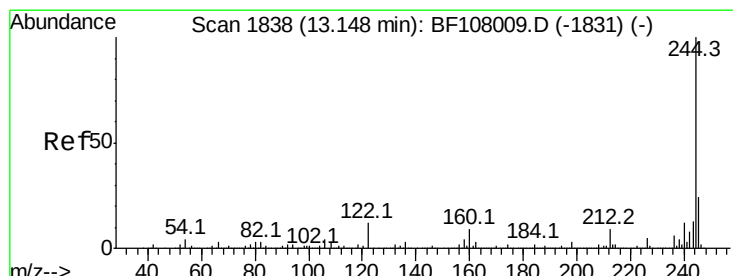
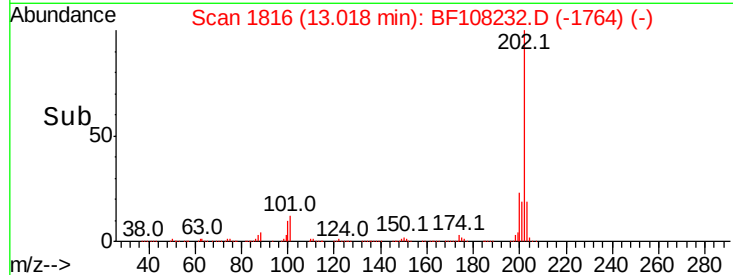
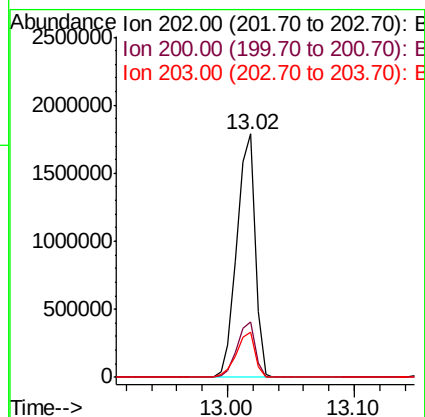
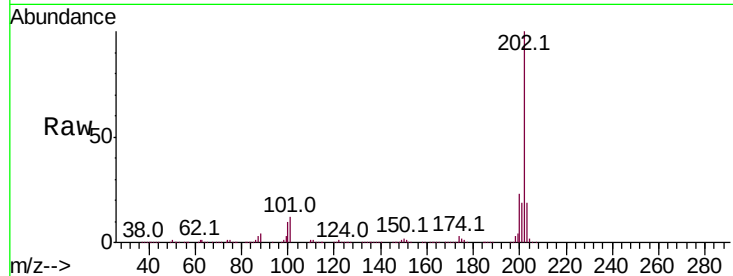
#77
Pvrene
Concen: 44.902 ng
RT: 13.02 min Scan# 1816
Delta R.T. 0.01 min
Lab File: BF108232.D
Acq: 17 Aug 2018 10:04

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:	202	Resp:	1774548
Ion	Ratio	Lower	Upper
202	100		
200	22.9	17.4	26.2
203	18.8	14.3	21.5

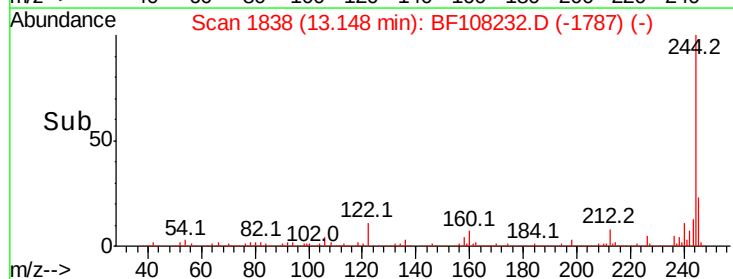
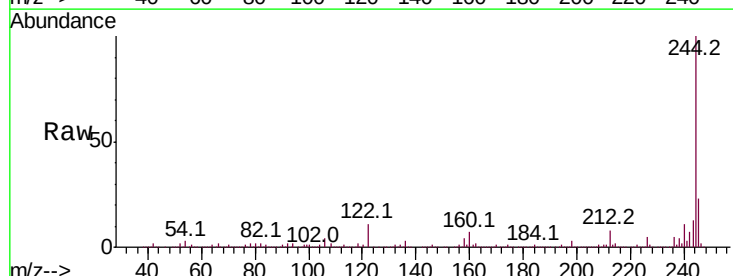
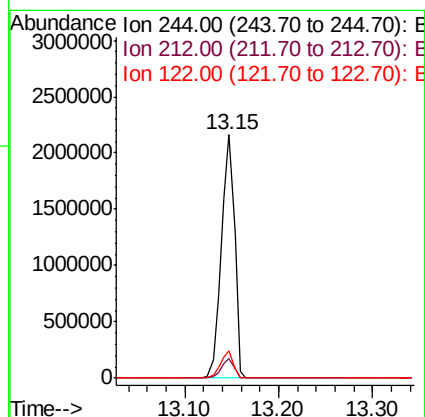
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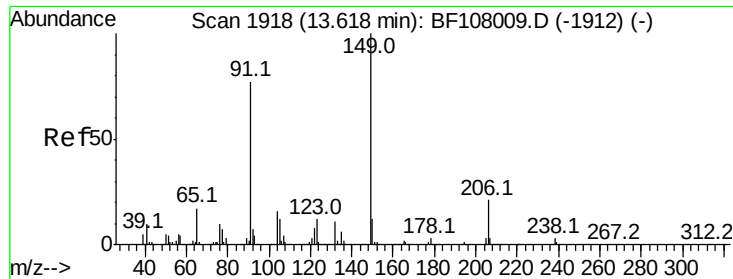
Sohil
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#78
Terphenyl-d14
Concen: 86.571 ng
RT: 13.15 min Scan# 1838
Delta R.T. -0.00 min
Lab File: BF108232.D
Acq: 17 Aug 2018 10:04

Tgt Ion:	244	Resp:	2125437
Ion	Ratio	Lower	Upper
244	100		
212	8.2	5.4	8.0#
122	11.2	11.0	16.4





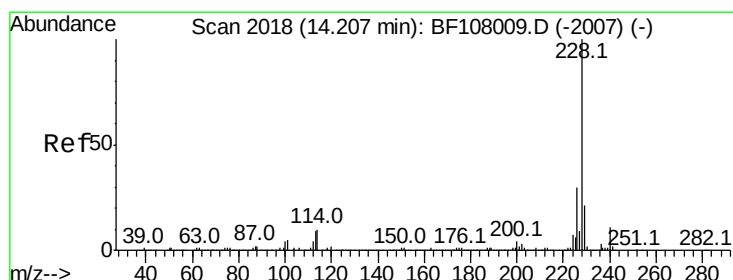
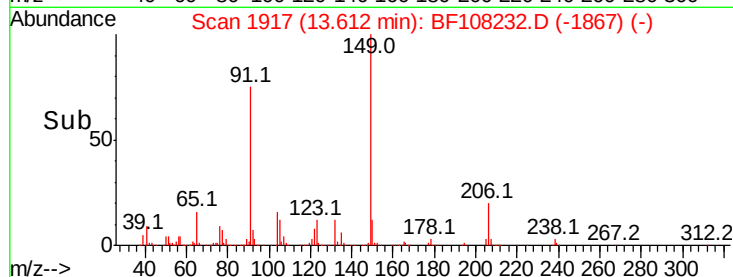
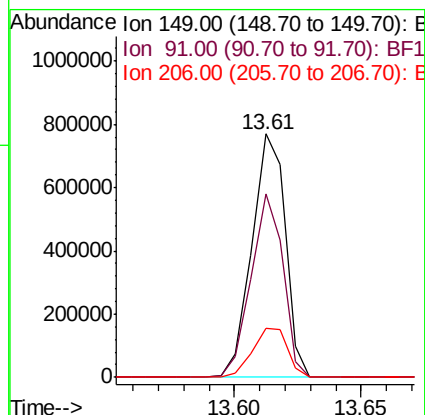
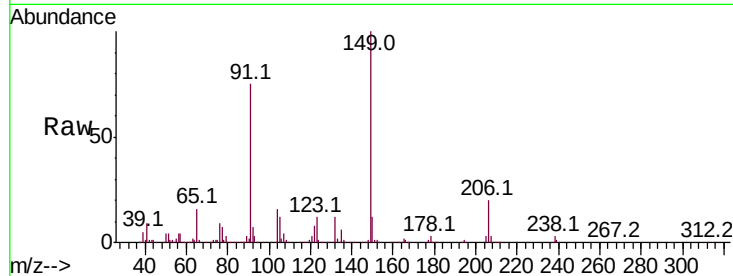
#79
Butylbenzylphthalate
Concen: 45.213 ng
RT: 13.61 min Scan# 1917
Delta R.T. -0.01 min
Lab File: BF108232.D
Acq: 17 Aug 2018 10:04

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
149	100		
91	75.4	56.8	85.2
206	20.3	14.1	21.1

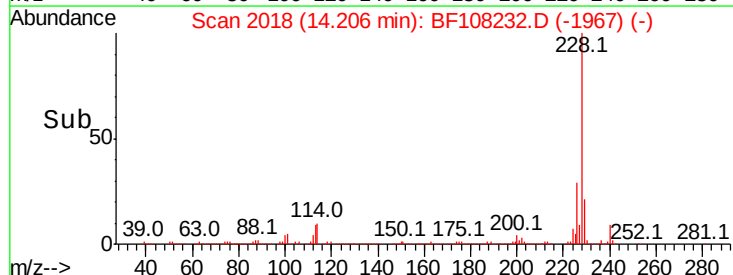
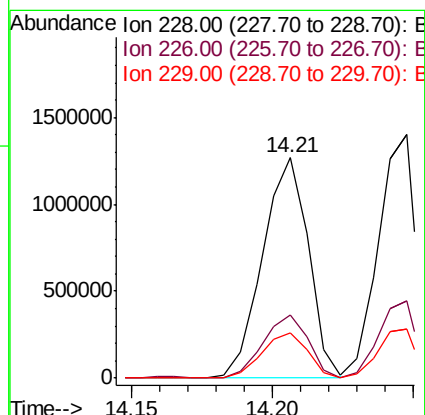
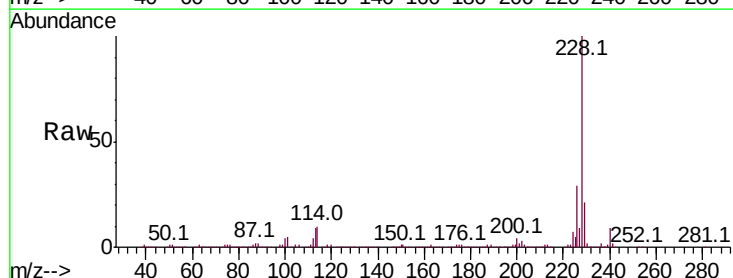
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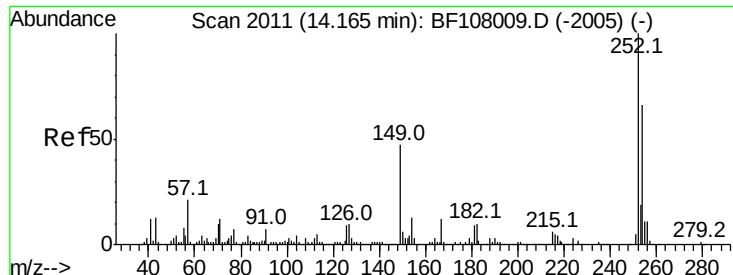
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#80
Benzo(a)anthracene
Concen: 39.742 ng
RT: 14.21 min Scan# 2018
Delta R.T. -0.00 min
Lab File: BF108232.D
Acq: 17 Aug 2018 10:04

Tgt Ion	Ratio	Lower	Upper
228	100		
226	28.6	22.6	33.8
229	20.7	15.8	23.6





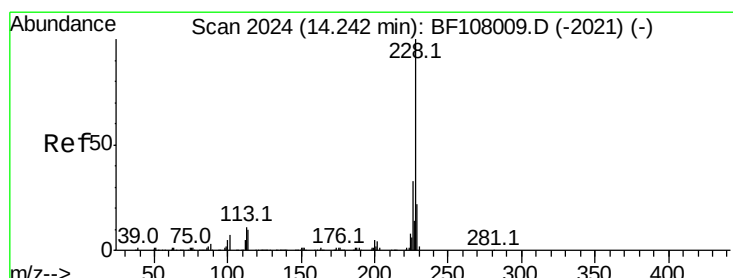
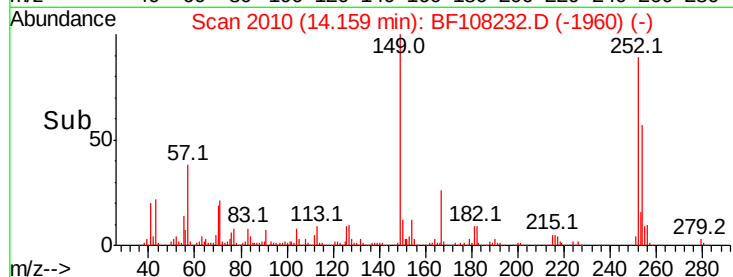
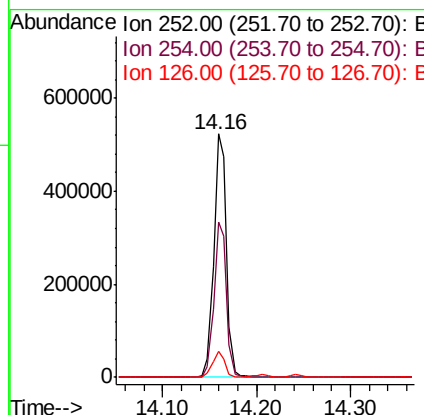
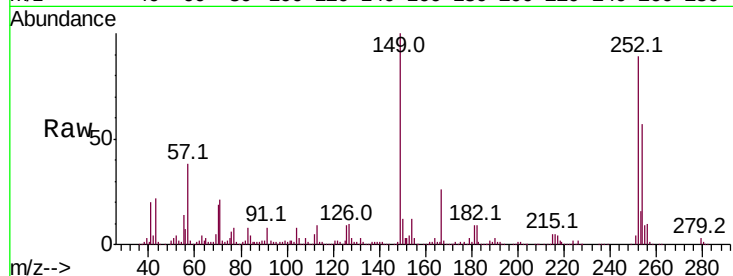
#81
 3,3'-Dichlorobenzidine
 Concen: 38.826 ng
 RT: 14.16 min Scan# 2010
 Delta R.T. -0.01 min
 Lab File: BF108232.D
 Acq: 17 Aug 2018 10:04

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
252	100		
254	63.7	50.4	75.6
126	10.6	11.3	16.9

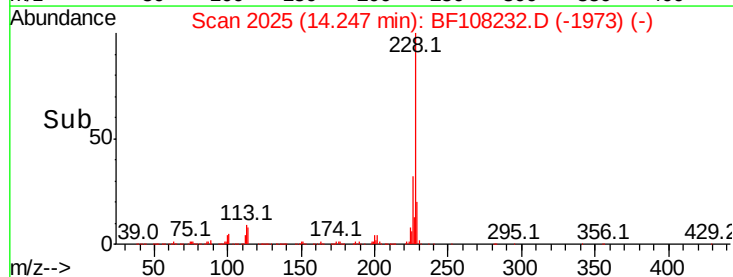
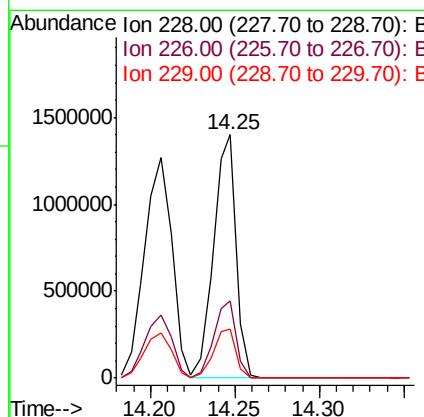
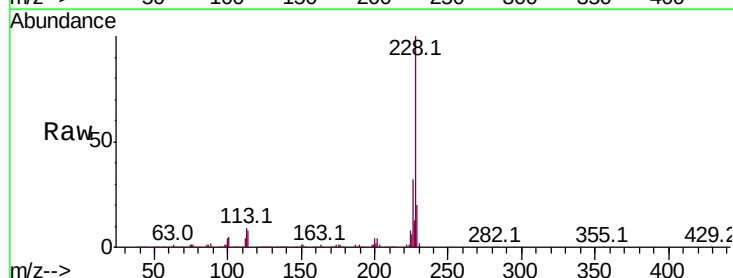
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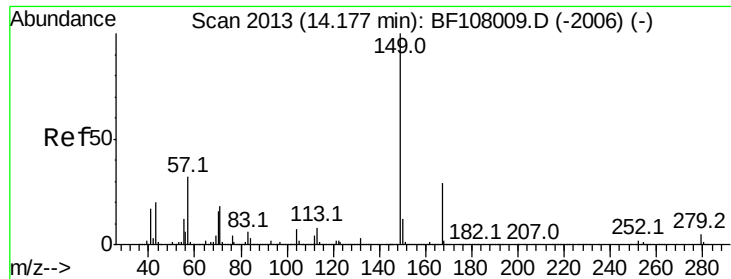
Sohil
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#82
 Chrysene
 Concen: 39.597 ng
 RT: 14.25 min Scan# 2025
 Delta R.T. 0.01 min
 Lab File: BF108232.D
 Acq: 17 Aug 2018 10:04

Tgt Ion	Ratio	Lower	Upper
228	100		
226	31.8	25.0	37.6
229	20.2	16.2	24.4





#83

Bis(2-ethylhexyl)phthalate

Concen: 39.841 ng

RT: 14.17 min Scan# 2011

Delta R.T. -0.01 min

Lab File: BF108232.D

Acq: 17 Aug 2018 10:04

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:149 Resp: 846675

Ion Ratio Lower Upper

149 100

167 26.9 21.3 31.9

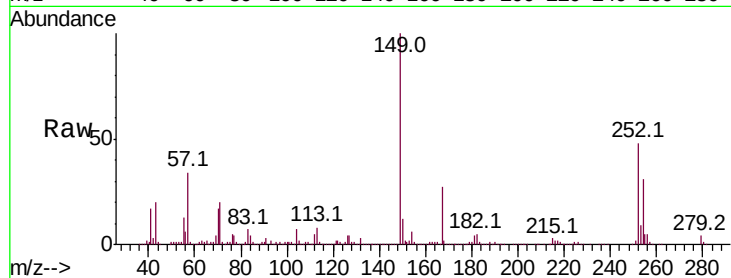
279 4.0 3.0 4.4

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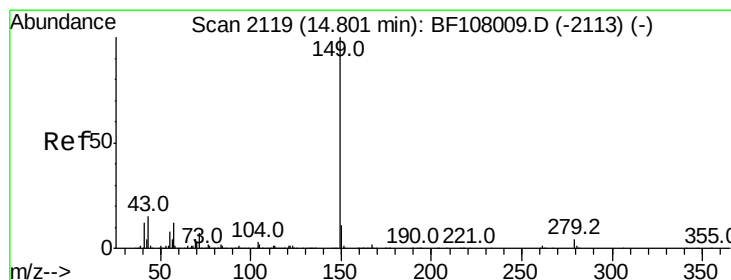
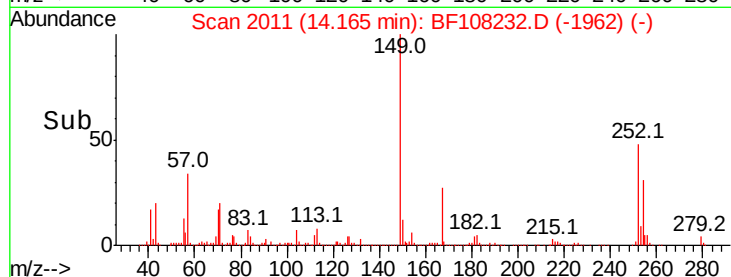
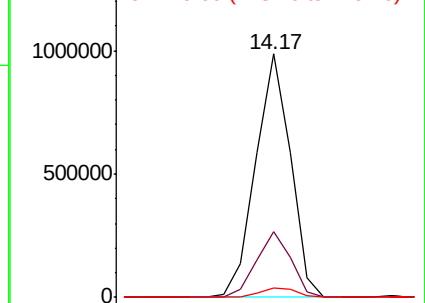
8/20/2018 12:48:12 PM



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: 39.142 ng

RT: 14.79 min Scan# 2117

Delta R.T. -0.01 min

Lab File: BF108232.D

Acq: 17 Aug 2018 10:04

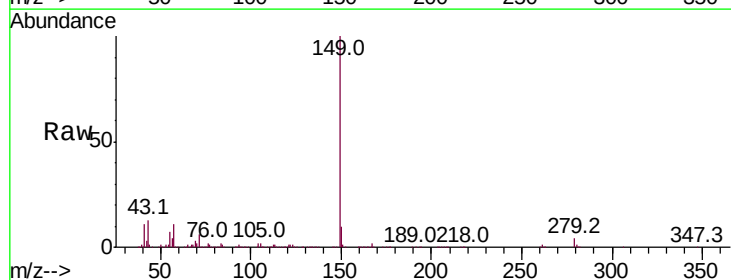
Tgt Ion:149 Resp: 1268604

Ion Ratio Lower Upper

149 100

167 1.6 1.2 1.8

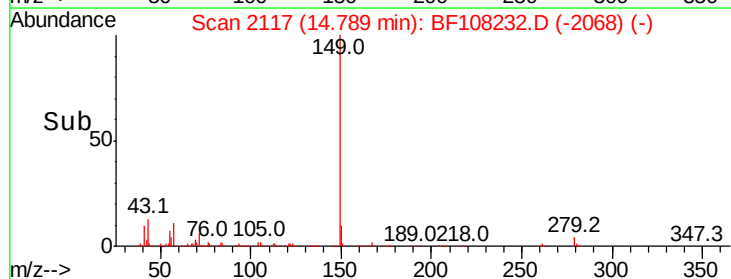
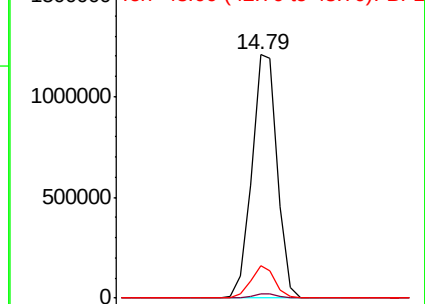
43 12.3 8.4 12.6

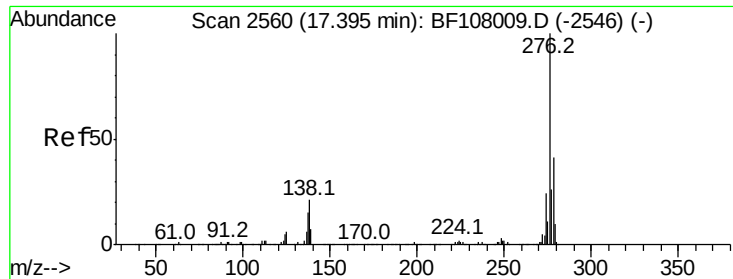


Abundance Ion 149.00 (148.70 to 149.70): E

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: 40.991 ng

RT: 17.41 min Scan# 2562

Delta R.T. 0.01 min

Lab File: BF108232.D

Acq: 17 Aug 2018 10:04

Instrument :

BNA_F

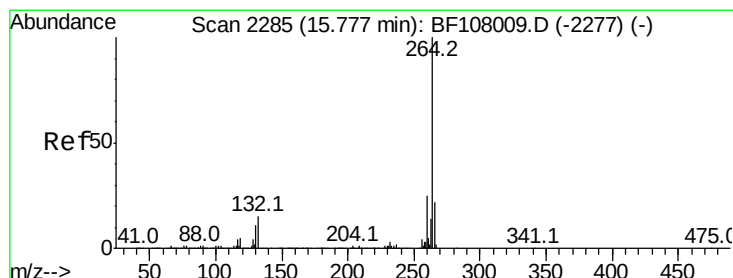
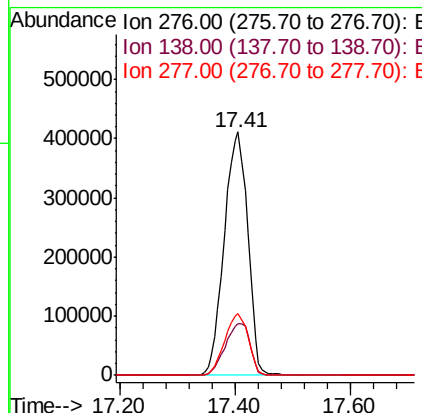
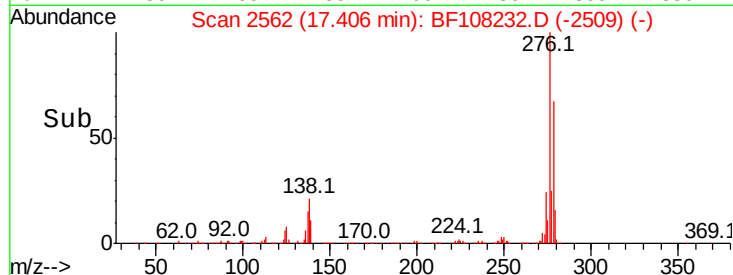
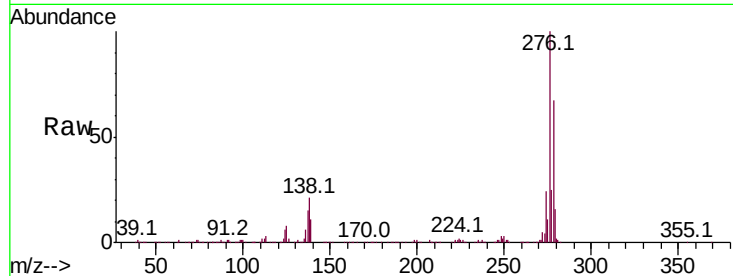
ClientSampled :

SSTDCCC040

Tot Ion	Ratio	Lower	Upper
276	100		
138	22.5	25.0	37.6#
277	25.3	20.1	30.1

Manual Integrations
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#86

Perylene-d12

Concen: 20.000 ng

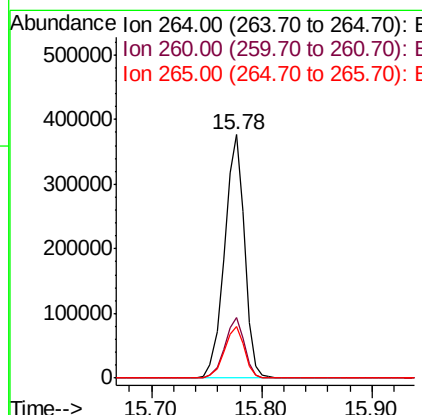
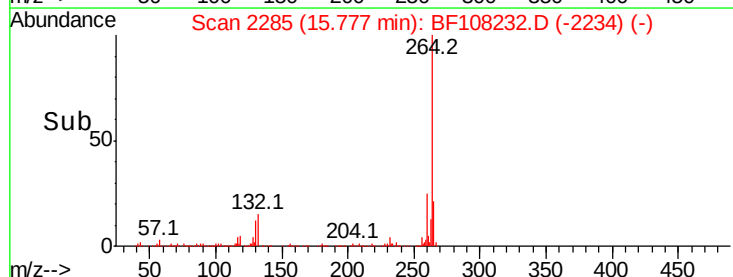
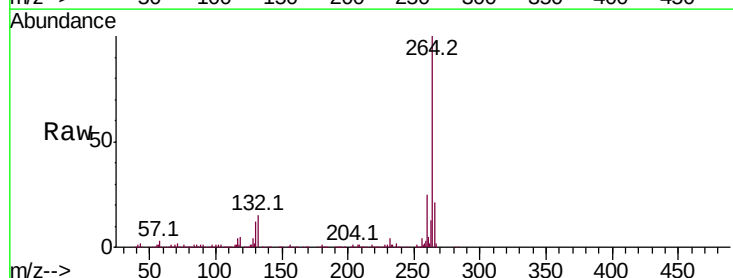
RT: 15.78 min Scan# 2285

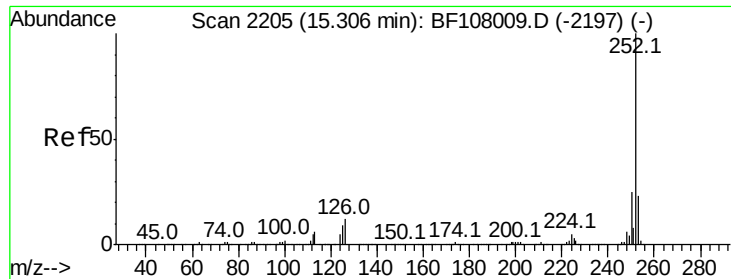
Delta R.T. -0.00 min

Lab File: BF108232.D

Acq: 17 Aug 2018 10:04

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.7	19.2	28.8
265	21.5	17.5	26.3





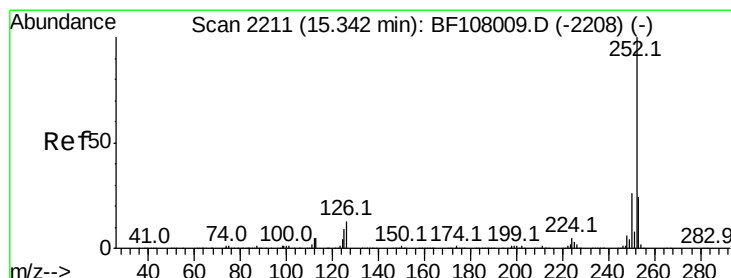
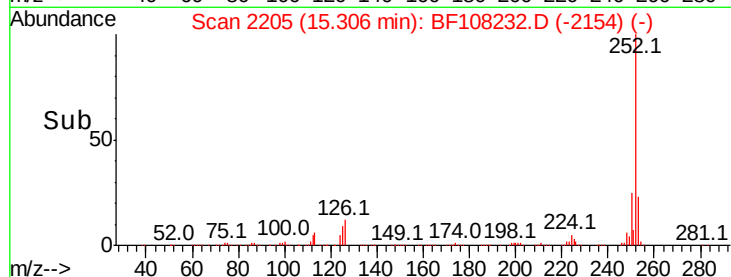
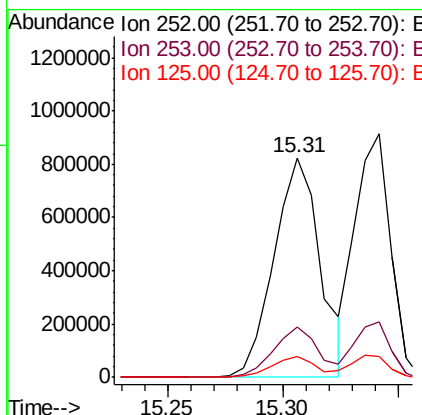
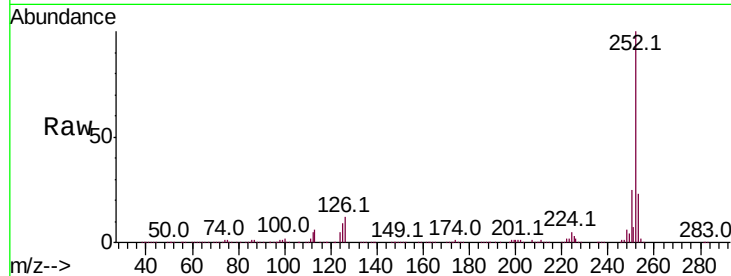
#87
Benzo(b)fluoranthene
Concen: 40.266 ng
RT: 15.31 min Scan# 2205
Delta R.T. -0.00 min
Lab File: BF108232.D
Acq: 17 Aug 2018 10:04

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

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

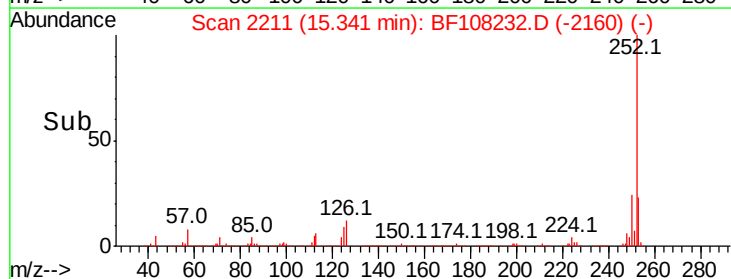
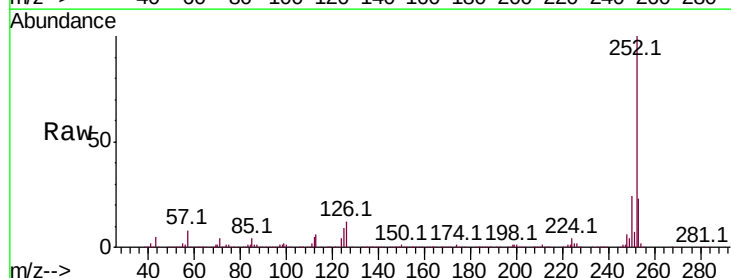
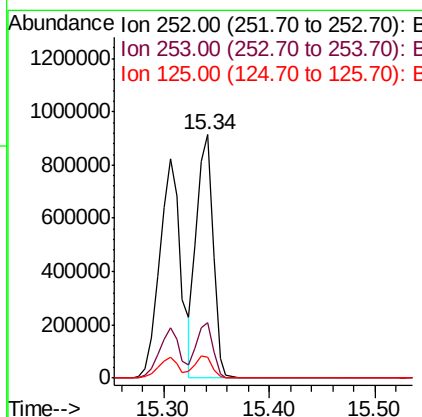
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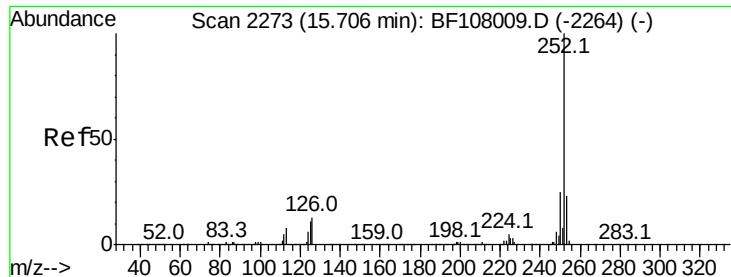
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#88
Benzo(k)fluoranthene
Concen: 37.666 ng
RT: 15.34 min Scan# 2211
Delta R.T. -0.00 min
Lab File: BF108232.D
Acq: 17 Aug 2018 10:04

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.8	17.9	26.9
125	8.8	10.2	15.2#





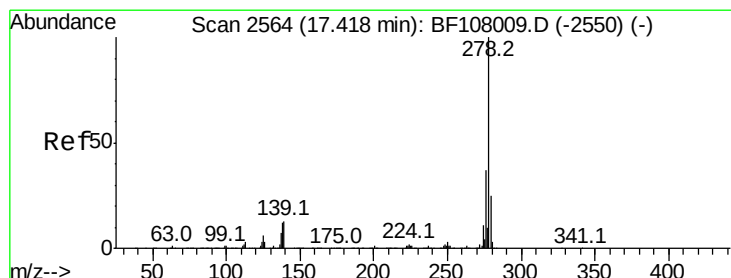
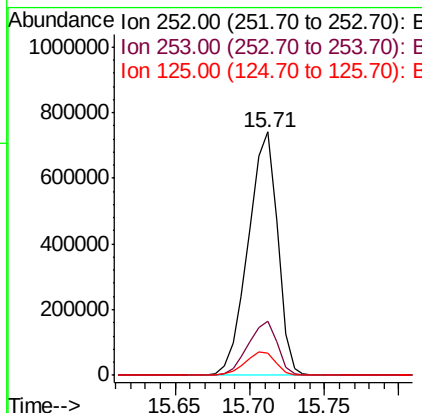
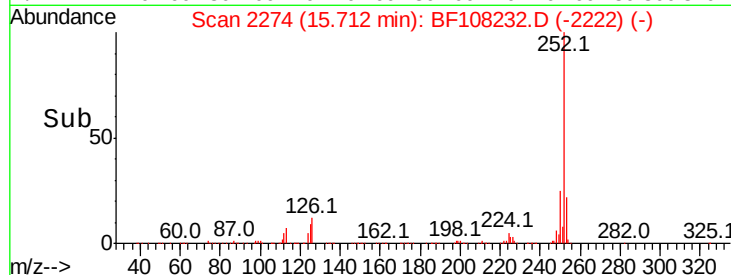
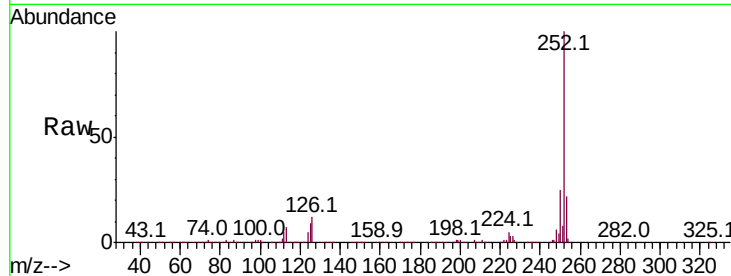
#89
Benzo(a)pyrene
Concen: 39.726 ng
RT: 15.71 min Scan# 2274
Delta R.T. 0.01 min
Lab File: BF108232.D
Acq: 17 Aug 2018 10:04

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.2	17.1	25.7
125	9.4	9.8	14.6

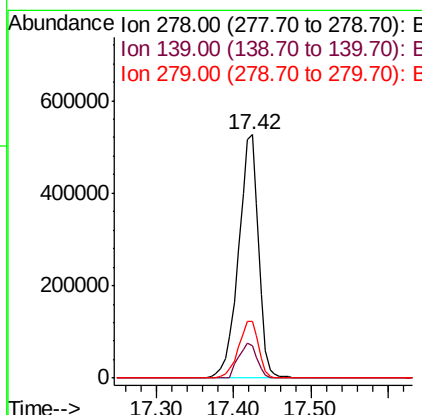
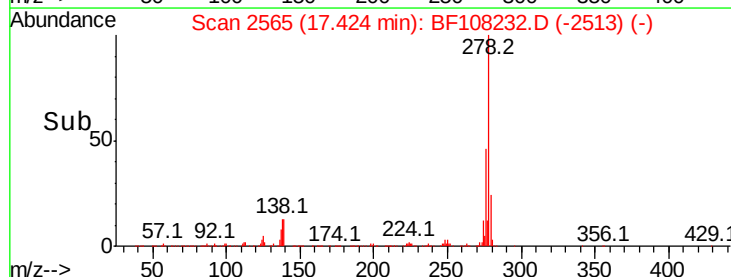
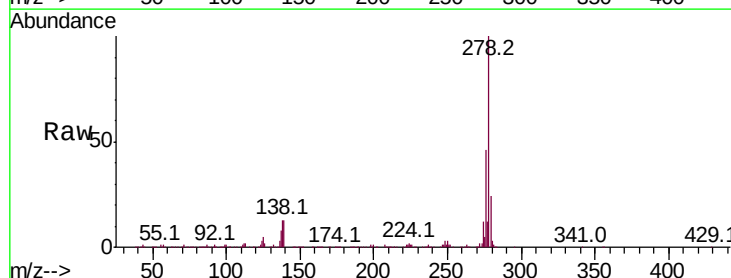
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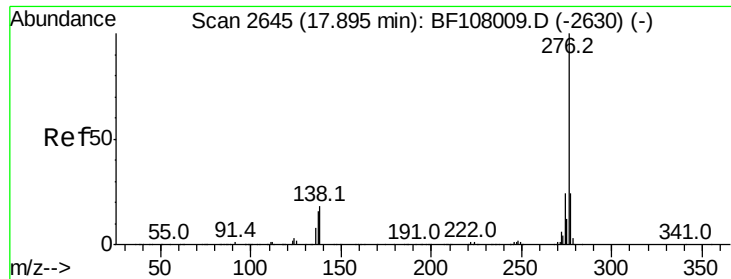
Sohil
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#90
Dibenzo(a,h)anthracene
Concen: 45.645 ng
RT: 17.42 min Scan# 2565
Delta R.T. 0.01 min
Lab File: BF108232.D
Acq: 17 Aug 2018 10:04

Tgt Ion	Ratio	Lower	Upper
278	100		
139	13.5	15.9	23.9
279	23.5	19.0	28.4





#91
 Benzo(a,h,i)perylene
 Concen: 47.889 ng/ml
 RT: 17.91 min Scan# 2647
 Delta R.T. 0.01 min
 Lab File: BF108232.D
 Acq: 17 Aug 2018 10:04

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
276	100		
277	23.5	17.9	26.9
138	19.8	21.8	32.8

Manual Integrations
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