

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF111218\
 Data File : BF110678.D
 Acq On : 12 Nov 2018 17:00
 Operator : JU/SJ
 Sample : J5269-10MS
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-12-DMS

Manual Integrations
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Sohil
 11/13/2018 11:16:26 AM

Quant Time: Nov 12 17:42:29 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF110818.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Nov 09 15:13:13 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.95	152	80827	20.00	ng	0.00
21) Naphthalene-d8	8.23	136	341951	20.00	ng	0.00
39) Acenaphthene-d10	9.99	164	166839	20.00	ng	0.00
64) Phenanthrene-d10	11.48	188	308135	20.00	ng	0.00
76) Chrysene-d12	14.13	240	195465	20.00	ng	0.00
87) Perylene-d12	15.66	264	149586	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.58	112	513953	103.28	ng	0.02
7) Phenol-d6	6.57	99	612180	96.21	ng	0.00
23) Nitrobenzene-d5	7.51	82	457720	77.09	ng	0.00
42) 2,4,6-Tribromophenol	10.79	330	183573	109.20	ng	0.00
45) 2-Fluorobiphenyl	9.30	172	888281	76.04	ng	0.00
79) Terphenyl-d14	13.06	244	833019	79.81	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.96	88	75063	30.275	ng	# 72
3) Pyridine	3.69	79	178363	33.328	ng	# 84
4) n-Nitrosodimethylamine	3.63	42	108504	47.252	ng	90
6) Aniline	6.62	93	64809	7.810	ng	# 56
8) 2-Chlorophenol	6.73	128	249215	42.722	ng	99
9) Benzaldehyde	6.50	77	157556	48.865	ng	96
10) Phenol	6.59	94	256939	34.823	ng	# 68
11) bis(2-Chloroethyl)ether	6.68	93	229379	41.482	ng	95
12) 1,3-Dichlorobenzene	6.89	146	246925	38.687	ng	98
13) 1,4-Dichlorobenzene	6.96	146	251043	38.733	ng	98
14) 1,2-Dichlorobenzene	7.12	146	240328	39.859	ng	99
15) Benzyl Alcohol	7.09	79	214751	43.126	ng	94
16) 2,2'-oxybis(1-Chloropropan	7.21	45	363633	41.875	ng	74
17) 2-Methylphenol	7.20	107	198548	42.767	ng	# 83
18) Hexachloroethane	7.45	117	92709	38.746	ng	96
19) n-Nitroso-di-n-propylamine	7.35	70	173829	42.796	ng	95
20) 3+4-Methylphenols	7.35	107	248662m	41.724	ng	
22) Acetophenone	7.36	105	351131	44.060	ng	95
24) Nitrobenzene	7.53	77	266899	43.872	ng	97
25) Isophorone	7.76	82	483302	49.661	ng	97
26) 2-Nitrophenol	7.85	139	129308	42.606	ng	97
27) 2,4-Dimethylphenol	7.87	122	229041	49.554	ng	99
28) bis(2-Chloroethoxy)methane	7.96	93	303266	46.024	ng	99
29) 2,4-Dichlorophenol	8.09	162	212404	44.661	ng	100
30) 1,2,4-Trichlorobenzene	8.16	180	222926	41.573	ng	96
31) Naphthalene	8.25	128	736241	45.864	ng	99
32) Benzoic acid	7.98	122	39836	12.181	ng	89
33) 4-Chloroaniline	8.30	127	36674	5.044	ng	98
34) Hexachlorobutadiene	8.35	225	120323	39.285	ng	99
35) Caprolactam	8.67	113	58352m	36.724	ng	
36) 4-Chloro-3-methylphenol	8.79	107	233393	45.502	ng	94
37) 2-Methylnaphthalene	8.94	142	521609	49.567	ng	97
38) 1-Methylnaphthalene	9.04	142	485399	47.962	ng	99
40) 1,2,4,5-Tetrachlorobenzene	9.11	216	221567	41.955	ng	98

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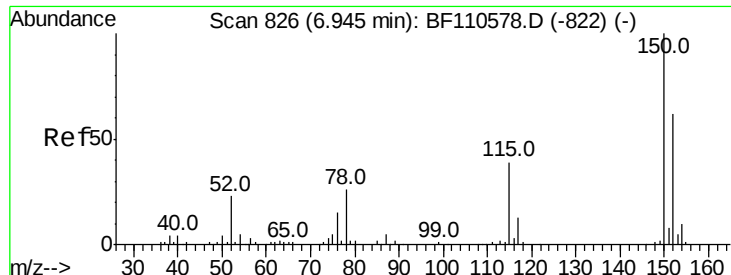
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	9.09	237	155362	75.899	nq	99
43) 2,4,6-Trichlorophenol	9.22	196	147425	44.423	nq	97
44) 2,4,5-Trichlorophenol	9.27	196	155461	43.916	nq	94
46) 1,1'-Biphenyl	9.40	154	640459	41.151	nq	100
47) 2-Chloronaphthalene	9.43	162	481056	42.903	nq	99
48) 2-Nitroaniline	9.53	65	149144	43.164	nq	96
49) Acenaphthylene	9.85	152	749992	46.446	nq	99
50) Dimethylphthalate	9.70	163	561670	45.117	nq	99
51) 2,6-Dinitrotoluene	9.77	165	123372	45.050	nq	99
52) Acenaphthene	10.02	154	458736	44.953	nq	98
53) 3-Nitroaniline	9.95	138	40618	12.802	nq	91
54) 2,4-Dinitrophenol	10.06	184	50408	48.193	nq	93
55) Dibenzofuran	10.20	168	659248	44.155	nq	96
56) 4-Nitrophenol	10.12	139	153200	72.783	nq	92
57) 2,4-Dinitrotoluene	10.19	165	162989	45.774	nq	96
58) Fluorene	10.54	166	545036	47.527	nq	99
59) 2,3,4,6-Tetrachlorophenol	10.32	232	129885	46.640	nq	94
60) Diethylphthalate	10.40	149	560641	45.521	nq	98
61) 4-Chlorophenyl-phenylether	10.53	204	255503	43.030	nq	96
62) 4-Nitroaniline	10.57	138	125117	39.161	nq	93
63) Azobenzene	10.69	77	535364	44.554	nq	98
65) 4,6-Dinitro-2-methylphenol	10.60	198	46561	29.982	nq	92
66) n-Nitrosodiphenylamine	10.65	169	461994	44.482	nq	96
67) 4-Bromophenyl-phenylether	11.02	248	147807	43.402	nq	# 91
68) Hexachlorobenzene	11.09	284	159729	44.487	nq	97
69) Atrazine	11.17	200	131920	41.540	nq	98
70) Pentachlorophenol	11.29	266	127074	66.328	nq	98
71) Phenanthrene	11.51	178	773347	46.846	nq	99
72) Anthracene	11.56	178	803597	48.256	nq	99
73) Carbazole	11.72	167	659837	41.258	nq	100
74) Di-n-butylphthalate	12.03	149	855590	45.621	nq	99
75) Fluoranthene	12.70	202	745861	45.065	nq	98
77) Benzidine	12.82	184	198926	37.007	nq	97
78) Pyrene	12.93	202	738383	49.061	nq	99
80) Butylbenzylphthalate	13.53	149	321642	49.653	nq	98
81) Benzo(a)anthracene	14.12	228	558617	47.814	nq	100
82) 3,3'-Dichlorobenzidine	14.08	252	17801	4.548	nq	97
83) Chrysene	14.16	228	520839	46.794	nq	99
84) Bis(2-ethylhexyl)phthalate	14.08	149	452539	56.315	nq	96
85) Di-n-octyl phthalate	14.70	149	680120	57.554	nq	99
86) Indeno(1,2,3-cd)pyrene	17.24	276	467535	58.535	nq	97
88) Benzo(b)fluoranthene	15.20	252	420181	46.954	nq	99
89) Benzo(k)fluoranthene	15.23	252	418849m	47.368	nq	
90) Benzo(a)pyrene	15.59	252	400331	49.238	nq	97
91) Dibenzo(a,h)anthracene	17.24	278	386205	56.130	nq	99
92) Benzo(g,h,i)perylene	17.71	276	394729	57.821	nq	97

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 6.95 min Scan# 826

Delta R.T. 0.00 min

Lab File: BF110678.D

Acq: 12 Nov 2018 17:00

Instrument :

BNA_F

ClientSampleId :

SB-12-DMS

Tot Ion:152 Resp: 80827

Ion Ratio Lower Upper

152 100

150 155.7 122.7 184.1

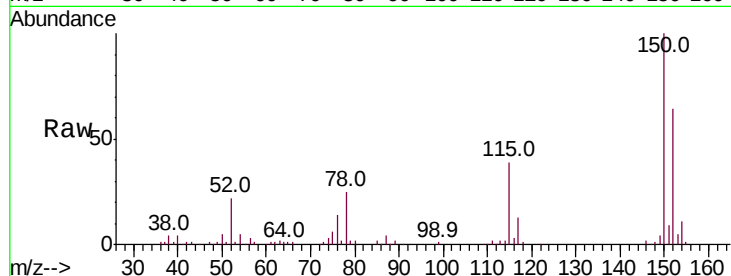
115 60.4 49.1 73.7

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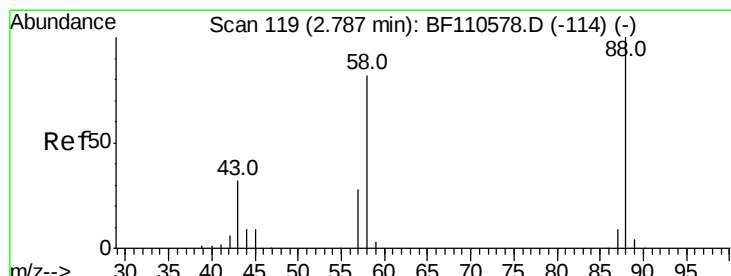
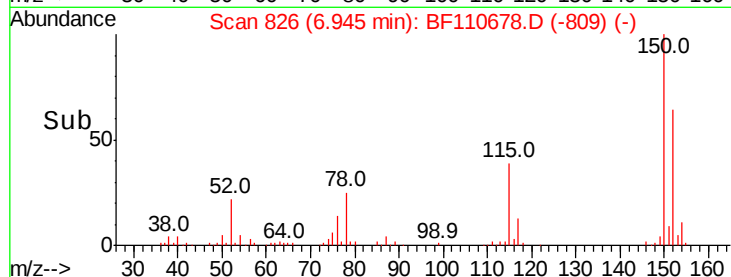
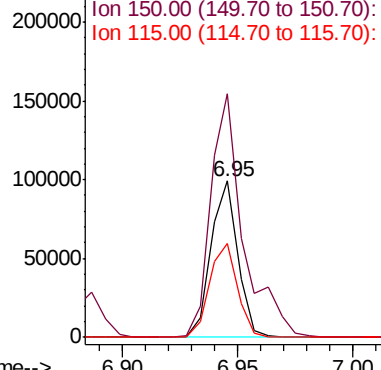


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 30.275 ng

RT: 2.96 min Scan# 148

Delta R.T. 0.17 min

Lab File: BF110678.D

Acq: 12 Nov 2018 17:00

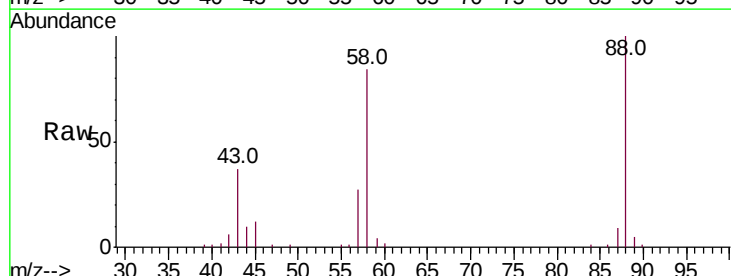
Tgt Ion: 88 Resp: 75063

Ion Ratio Lower Upper

88 100

58 85.4 57.1 85.7

43 0.0 24.1 36.1#

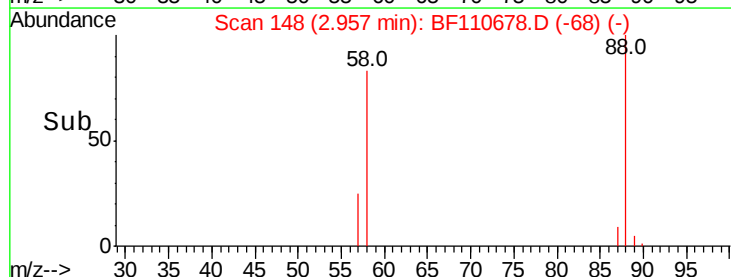
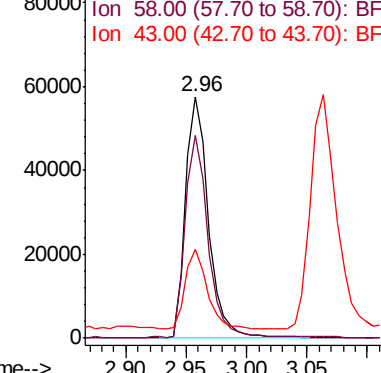


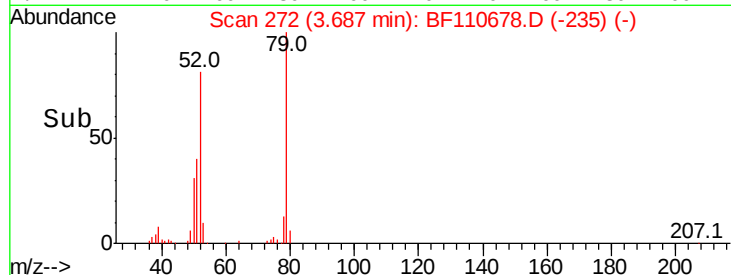
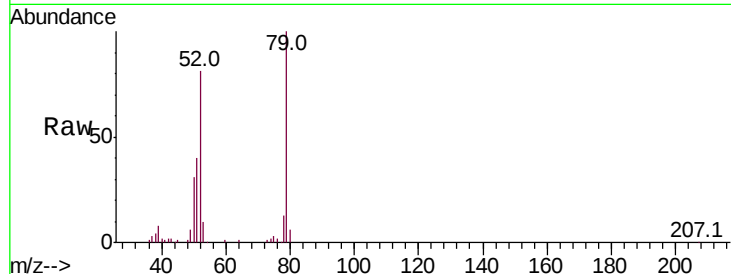
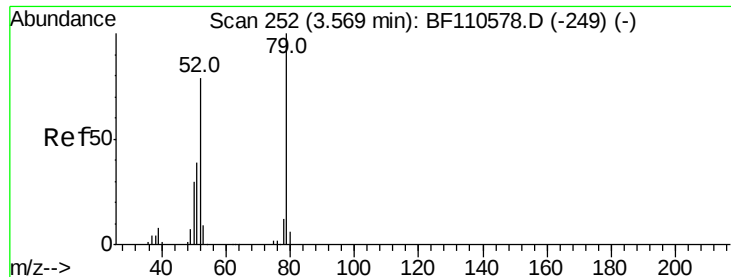
Abundance

Ion 88.00 (87.70 to 88.70): BF1

Ion 58.00 (57.70 to 58.70): BF1

Ion 43.00 (42.70 to 43.70): BF1





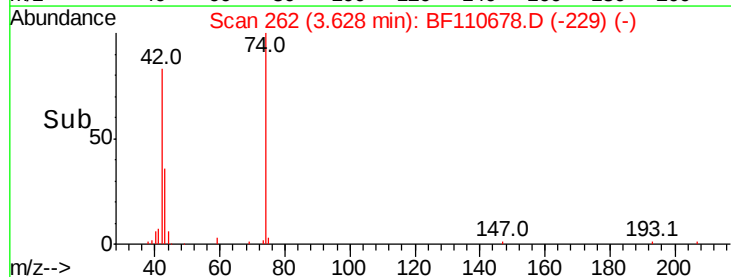
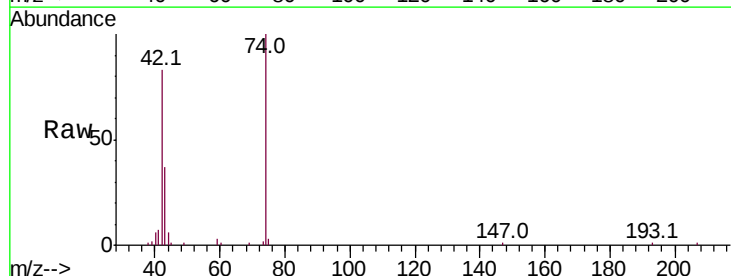
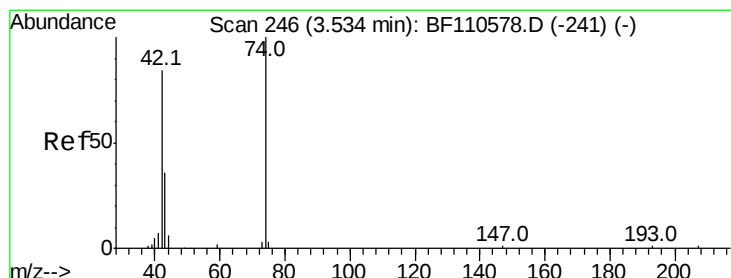
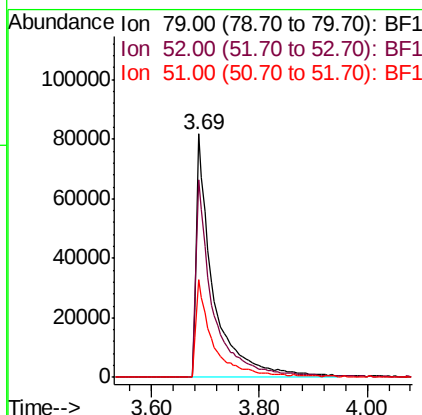
#3
Pvridine
Concen: 33.328 ng
RT: 3.69 min Scan# 272
Delta R.T. 0.12 min
Lab File: BF110678.D
Acq: 12 Nov 2018 17:00

Tot Ion: 79 Resp: 178363
Ion Ratio Lower Upper
79 100
52 81.0 53.1 79.7#
51 40.2 27.4 41.2

Instrument :
BNA_F
ClientSampled :
SB-12-DMS

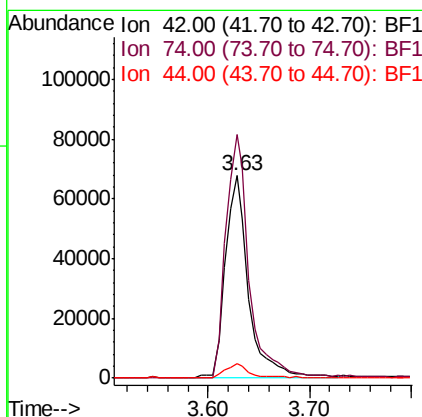
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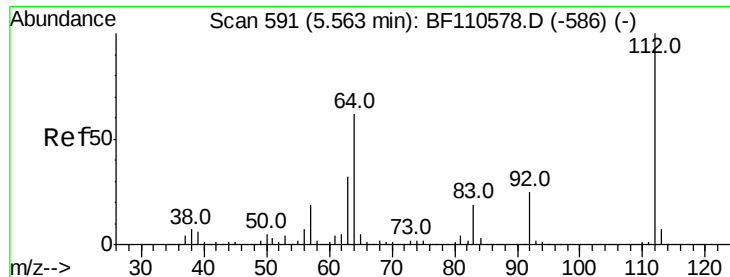
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#4
n-Nitrosodimethylamine
Concen: 47.252 ng
RT: 3.63 min Scan# 262
Delta R.T. 0.09 min
Lab File: BF110678.D
Acq: 12 Nov 2018 17:00

Tgt Ion: 42 Resp: 108504
Ion Ratio Lower Upper
42 100
74 120.2 105.5 158.3
44 6.9 4.9 7.3





#5

2-Fluorophenol

Concen: 103.285 ng

RT: 5.58 min Scan# 594

Delta R.T. 0.02 min

Lab File: BF110678.D

Acq: 12 Nov 2018 17:00

Instrument :

BNA_F

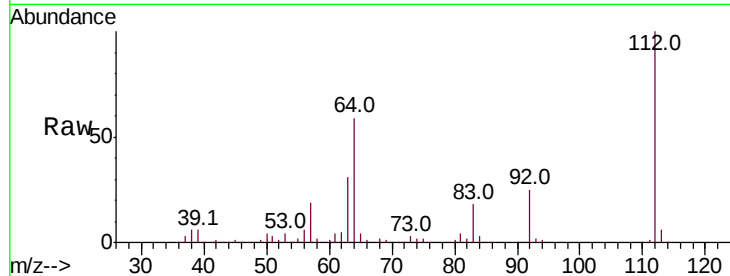
ClientSampleId :

SB-12-DMS

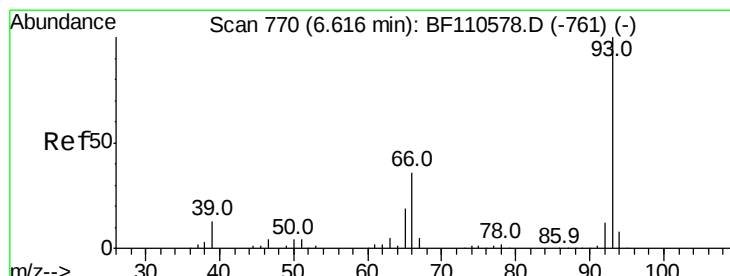
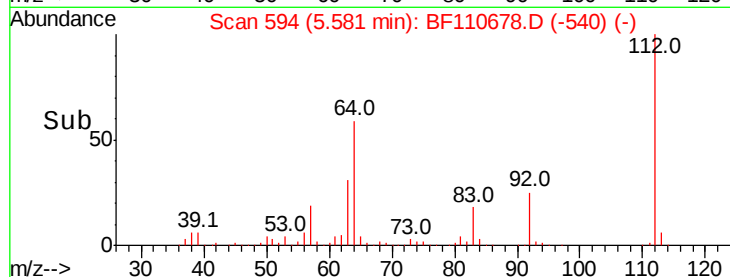
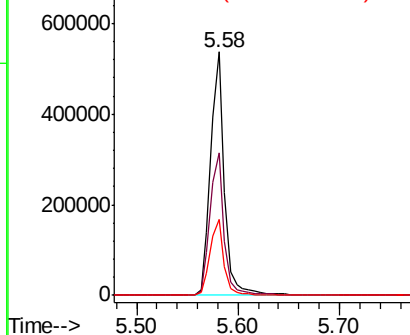
Tot Ion:	112	Resp:	513953
Ion Ratio	Lower	Upper	
112	100		
64	58.6	44.1	66.1
63	31.1	23.7	35.5

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Abundance Ion 112.00 (111.70 to 112.70): BF1
Ion 64.00 (63.70 to 64.70): BF1
Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 7.810 ng

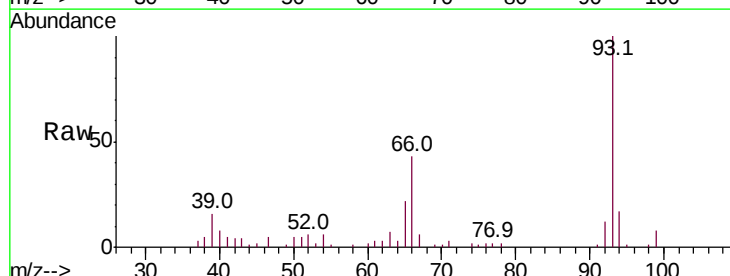
RT: 6.62 min Scan# 770

Delta R.T. 0.00 min

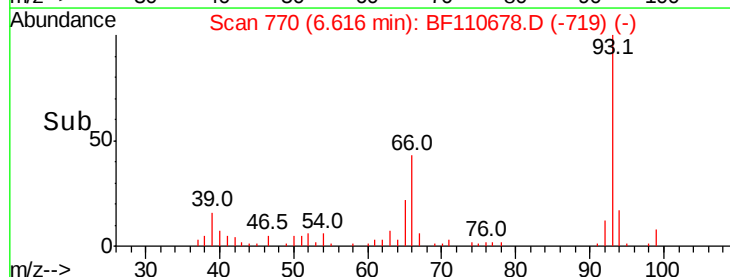
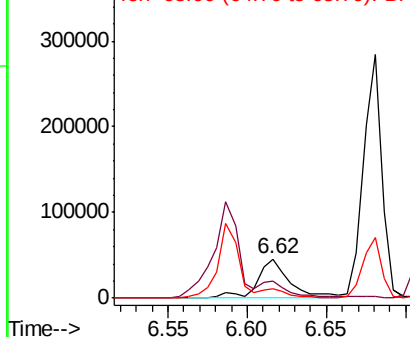
Lab File: BF110678.D

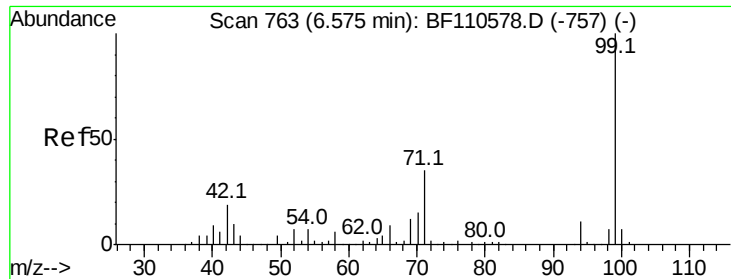
Acq: 12 Nov 2018 17:00

Tgt Ion:	93	Resp:	64809
Ion Ratio	Lower	Upper	
93	100		
66	42.5	67.4	101.0#
65	22.4	41.0	61.4#



Abundance Ion 93.00 (92.70 to 93.70): BF1
Ion 66.00 (65.70 to 66.70): BF1
Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 96.206 ng

RT: 6.57 min Scan# 763

Delta R.T. 0.00 min

Lab File: BF110678.D

Acq: 12 Nov 2018 17:00

Instrument :

BNA_F

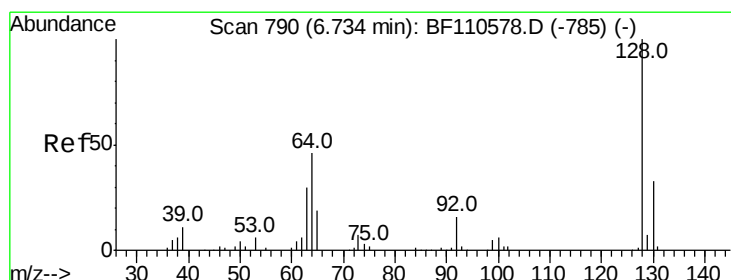
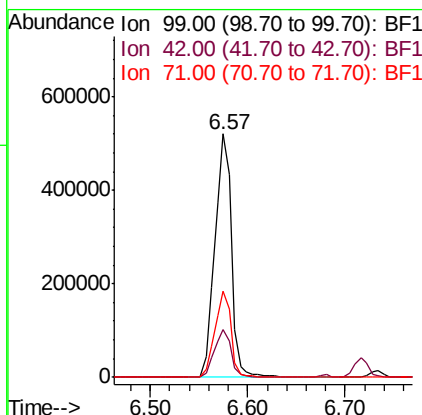
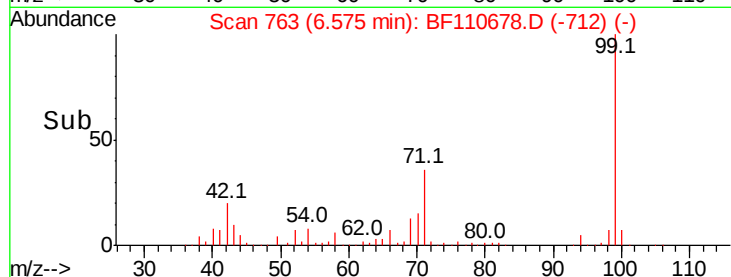
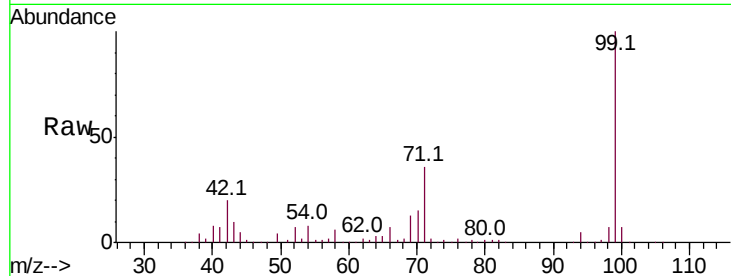
ClientSampleId :

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Tot Ion	Ion	Ratio	Resp	Lower	Upper
99	100		612180		
42	19.6	15.8	23.6		
71	35.6	28.0	42.0		

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#8

2-Chlorophenol

Concen: 42.722 ng

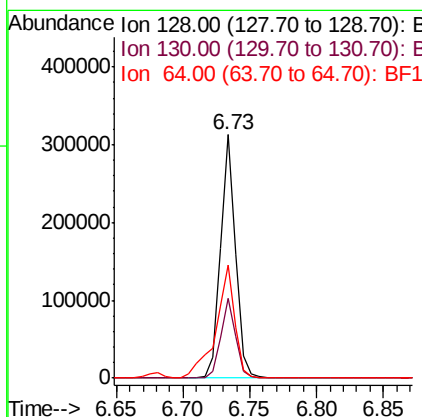
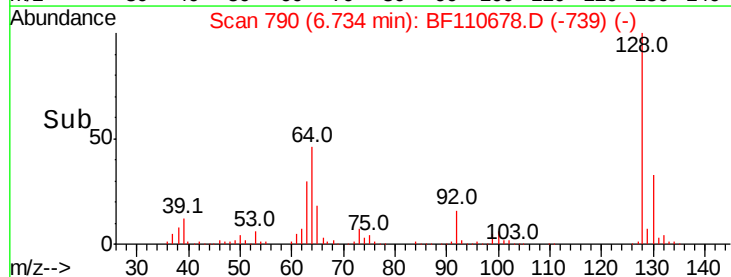
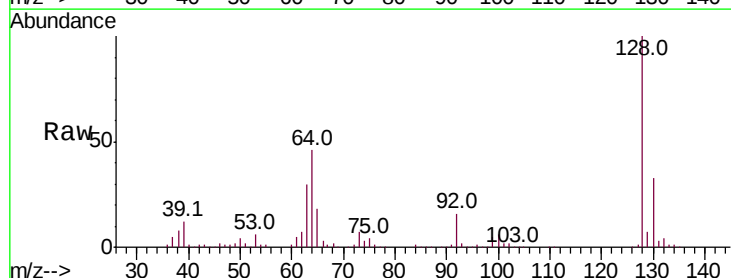
RT: 6.73 min Scan# 790

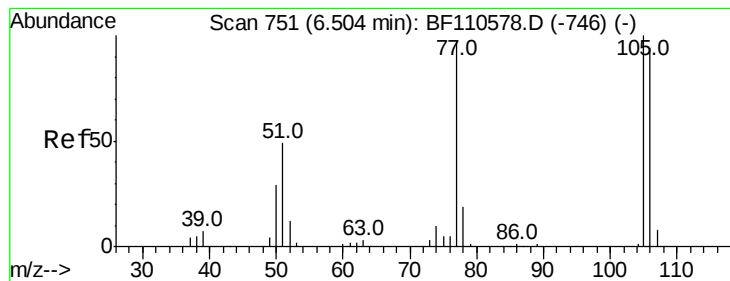
Delta R.T. 0.00 min

Lab File: BF110678.D

Acq: 12 Nov 2018 17:00

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
128	100		249215		
130	32.6	13.1	53.1		
64	46.4	26.0	66.0		





#9

Benzaldehyde

Concen: 48.865 ng

RT: 6.50 min Scan# 751

Delta R.T. 0.00 min

Lab File: BF110678.D

Acq: 12 Nov 2018 17:00

Instrument :

BNA_F

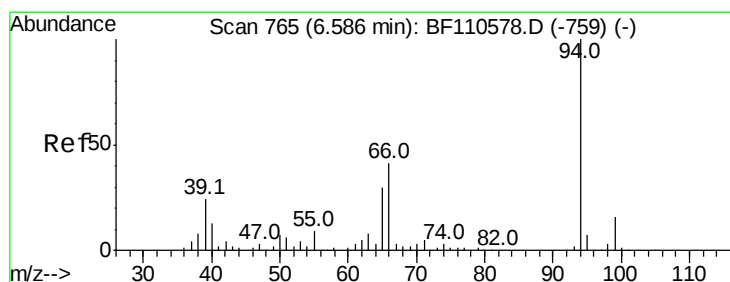
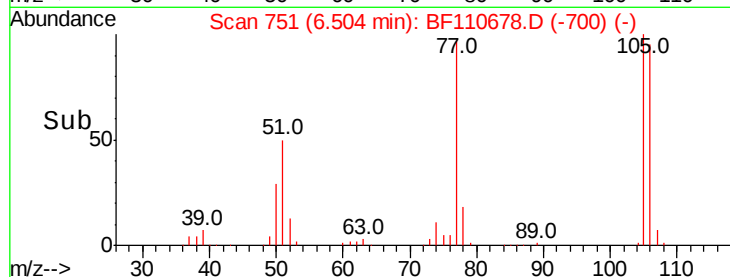
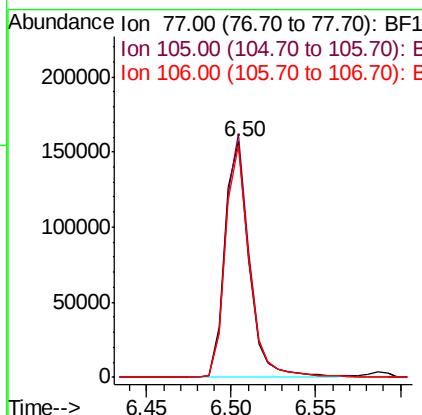
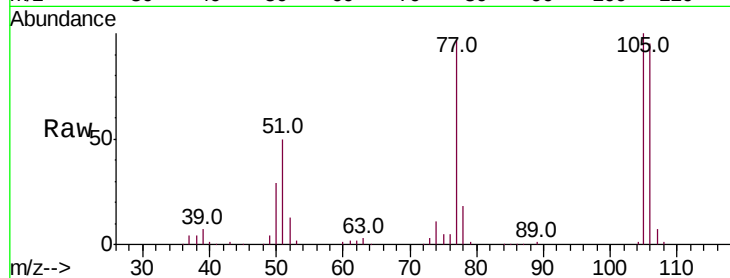
ClientSampleId :

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Tot Ion:	77	Resp:	157556
Ion	Ratio	Lower	Upper
77	100		
105	103.4	78.6	118.6
106	98.4	74.8	114.8

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#10

Phenol

Concen: 34.823 ng

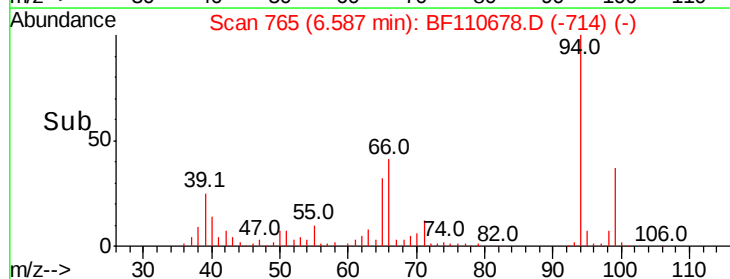
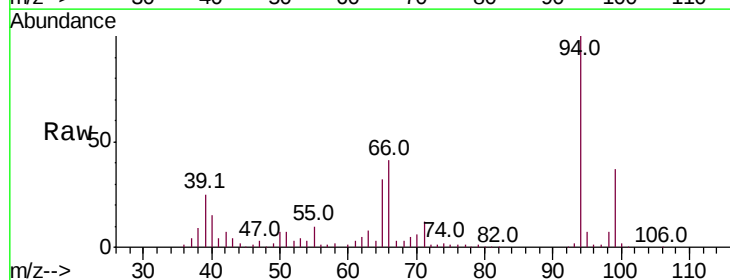
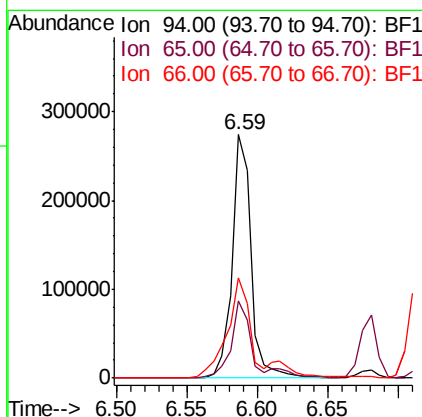
RT: 6.59 min Scan# 765

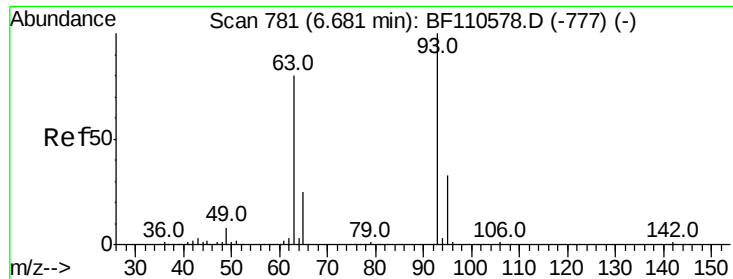
Delta R.T. 0.00 min

Lab File: BF110678.D

Acq: 12 Nov 2018 17:00

Tgt Ion:	94	Resp:	256939
Ion	Ratio	Lower	Upper
94	100		
65	31.7	25.3	65.3
66	41.3	54.5	94.5#





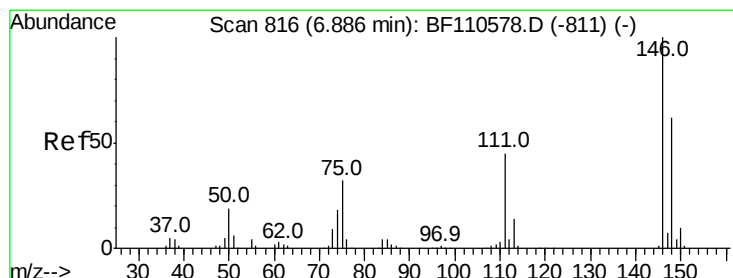
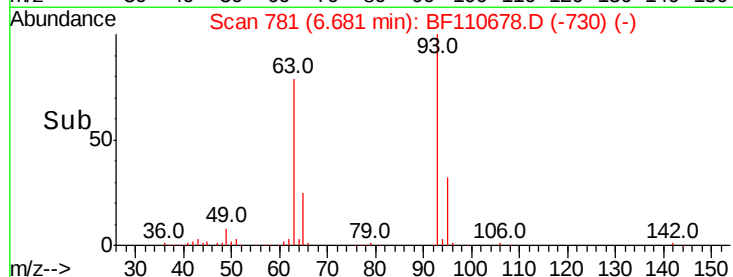
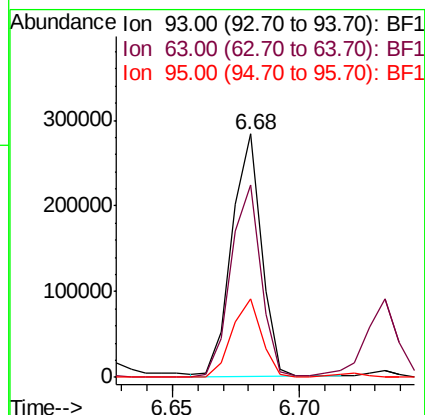
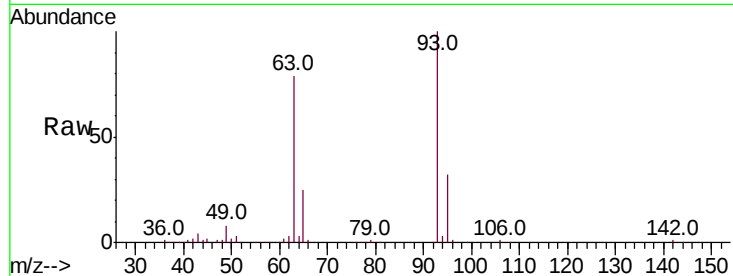
#11
bis(2-Chloroethyl)ether
Concen: 41.482 ng
RT: 6.68 min Scan# 781
Delta R.T. 0.00 min
Lab File: BF110678.D
Acq: 12 Nov 2018 17:00

Instrument :
BNA_F
ClientSampleId :
SB-12-DMS

Tot Ion	Ratio	Lower	Upper
93	100		
63	79.0	53.4	93.4
95	32.3	12.1	52.1

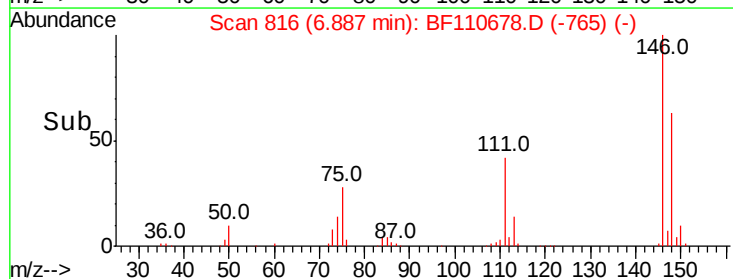
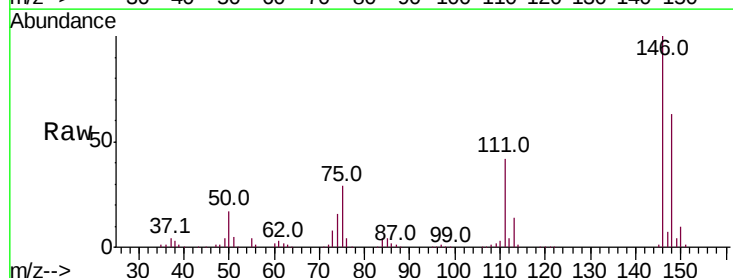
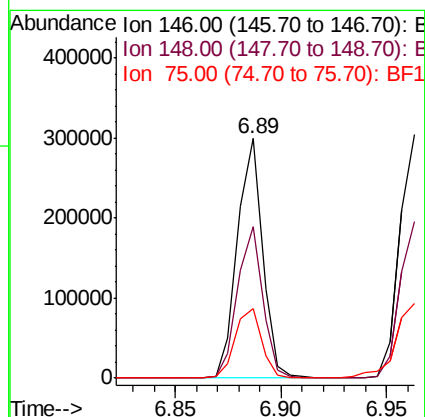
Manual Integrations
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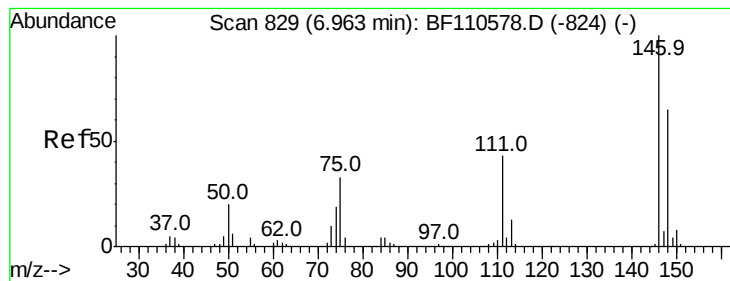
Sohil
11/13/2018 11:16:26 AM



#12
1,3-Dichlorobenzene
Concen: 38.687 ng
RT: 6.89 min Scan# 816
Delta R.T. 0.00 min
Lab File: BF110678.D
Acq: 12 Nov 2018 17:00

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.2	50.4	75.6
75	28.9	25.8	38.6





#13

1,4-Dichlorobenzene

Concen: 38.733 ng

RT: 6.96 min Scan# 829

Delta R.T. 0.00 min

Lab File: BF110678.D

Acq: 12 Nov 2018 17:00

Instrument :

BNA_F

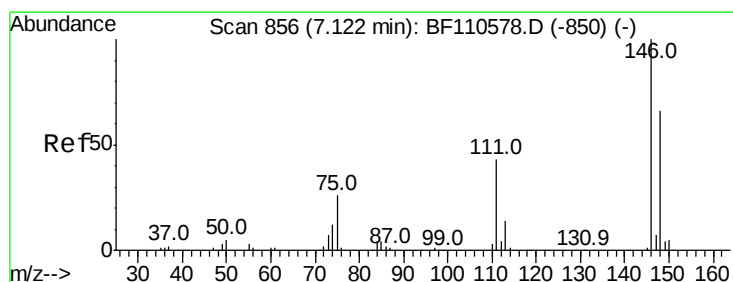
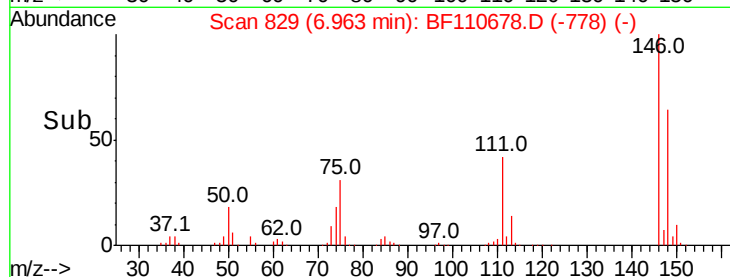
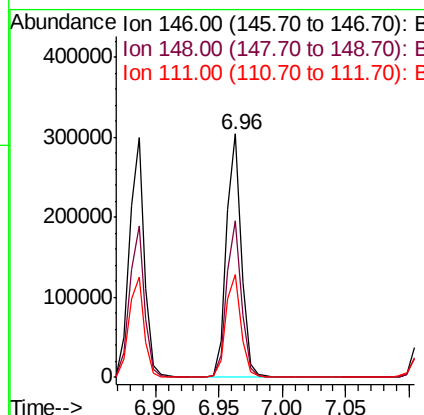
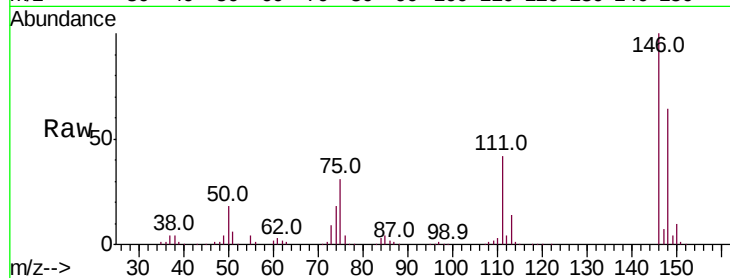
ClientSampled :

SB-12-DMS

Tot Ion:	146	Resp:	251043
Ion Ratio	Lower	Upper	
146	100		
148	64.4	50.3	75.5
111	42.4	32.7	49.1

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#14

1,2-Dichlorobenzene

Concen: 39.859 ng

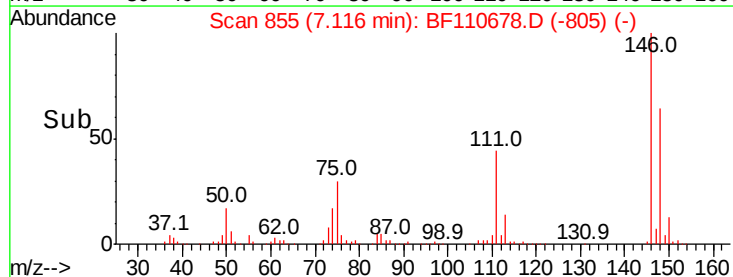
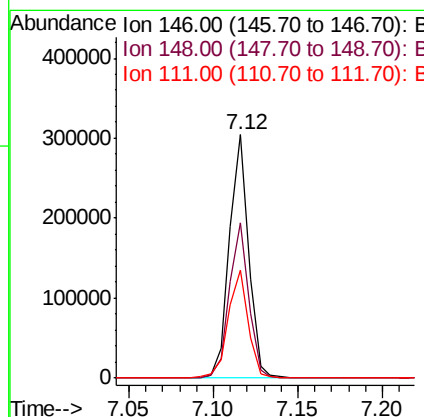
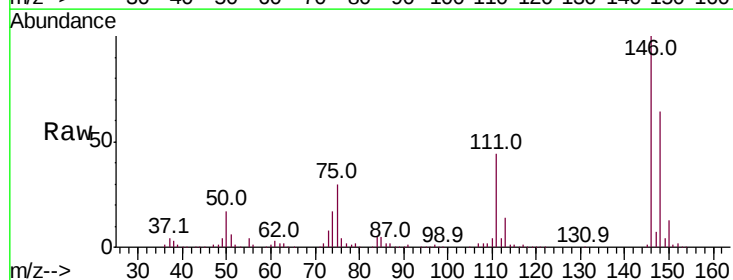
RT: 7.12 min Scan# 855

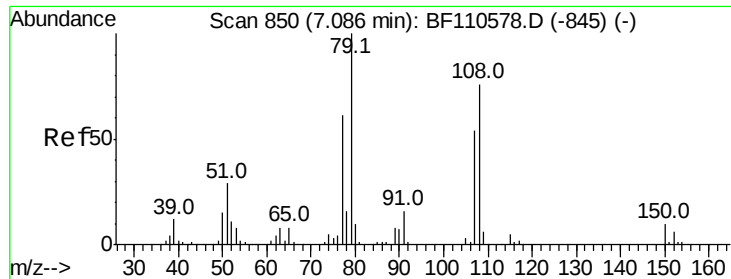
Delta R.T. -0.01 min

Lab File: BF110678.D

Acq: 12 Nov 2018 17:00

Tgt Ion:	146	Resp:	240328
Ion Ratio	Lower	Upper	
146	100		
148	63.5	51.1	76.7
111	44.1	35.8	53.6





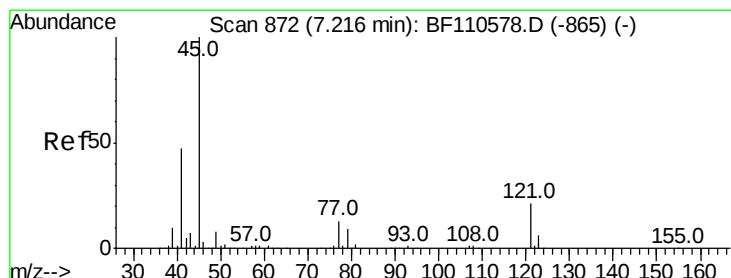
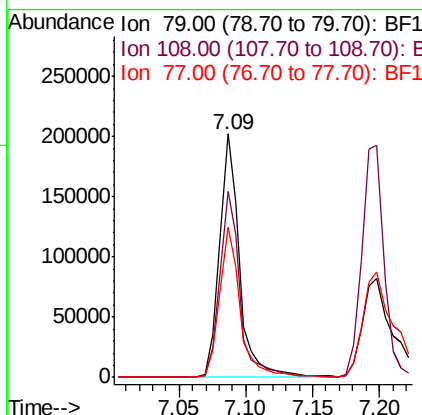
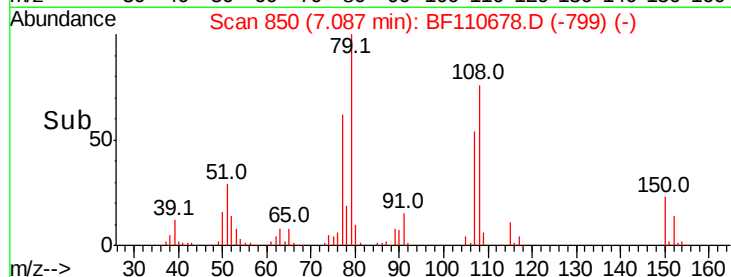
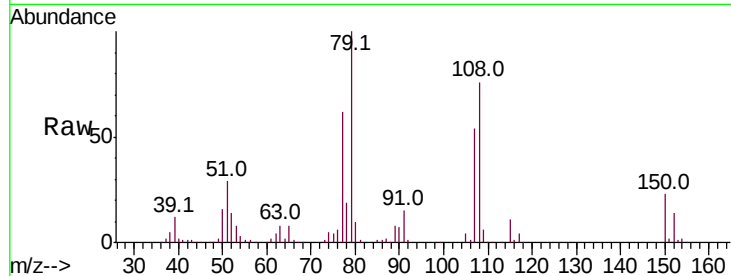
#15
Benzyl Alcohol
Concen: 43.126 ng
RT: 7.09 min Scan# 850
Delta R.T. 0.00 min
Lab File: BF110678.D
Acq: 12 Nov 2018 17:00

Instrument :
BNA_F
ClientSampleID :
SB-12-DMS

Tot Ion:	79	Resp:	214751
Ion Ratio	Lower	Upper	
79	100		
108	76.2	56.3	84.5
77	61.9	52.9	79.3

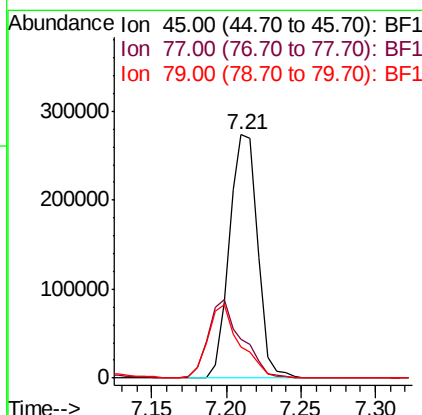
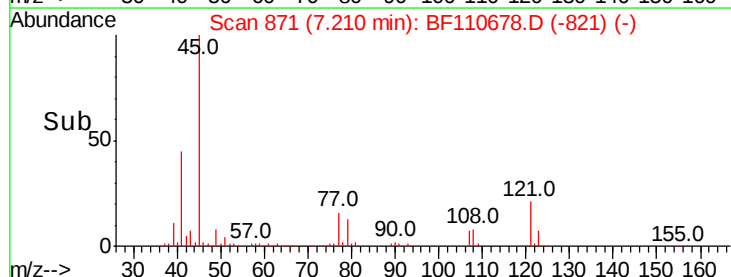
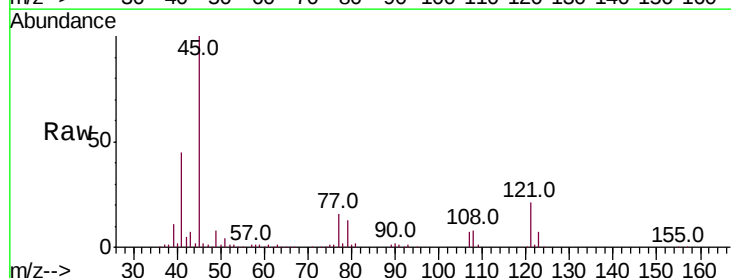
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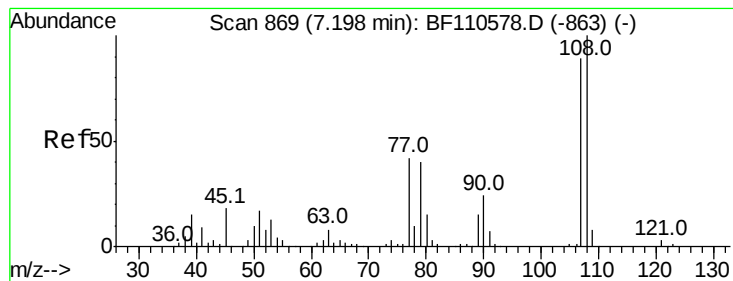
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#16
2,2'-oxybis(1-chloropropane)
Concen: 41.875 ng
RT: 7.21 min Scan# 871
Delta R.T. -0.01 min
Lab File: BF110678.D
Acq: 12 Nov 2018 17:00

Tgt Ion:	45	Resp:	363633
Ion Ratio	Lower	Upper	
45	100		
77	15.8	10.0	50.0
79	12.6	6.1	46.1





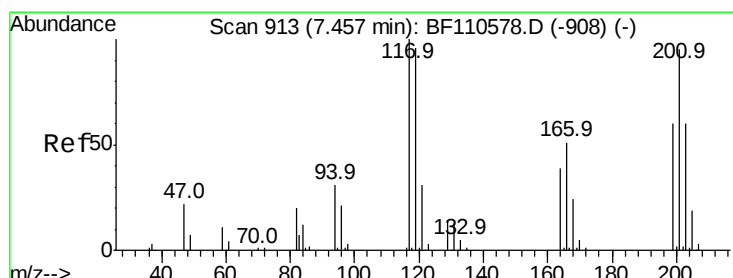
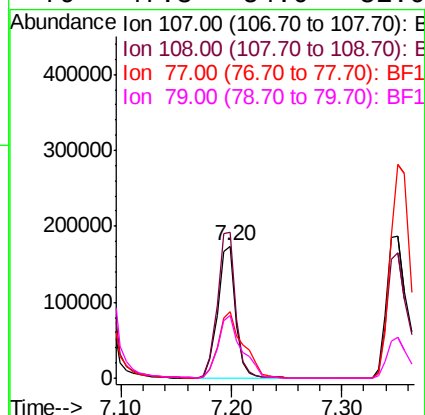
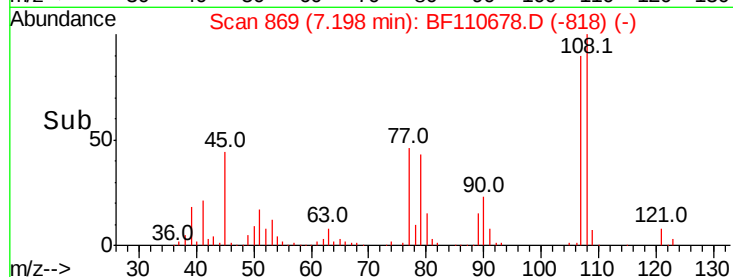
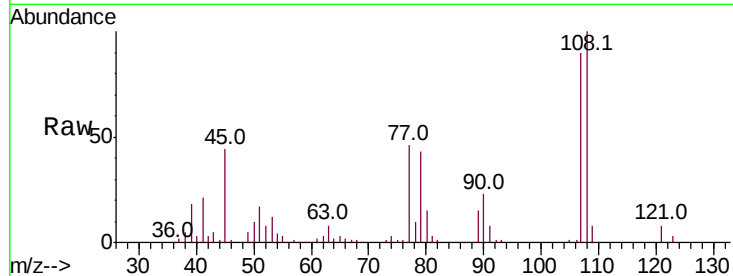
#17
2-Methylphenol
Concen: 42.767 ng
RT: 7.20 min Scan# 869
Delta R.T. 0.00 min
Lab File: BF110678.D
Acq: 12 Nov 2018 17:00

Instrument :
BNA_F
ClientSampleId :
SB-12-DMS

Tot Ion	Ratio	Lower	Upper
107	100		
108	110.9	92.6	138.8
77	50.5	59.4	89.2#
79	47.3	54.0	81.0#

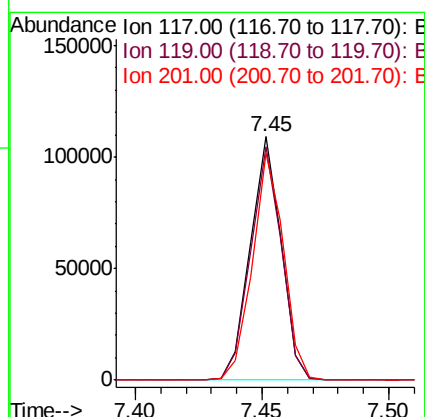
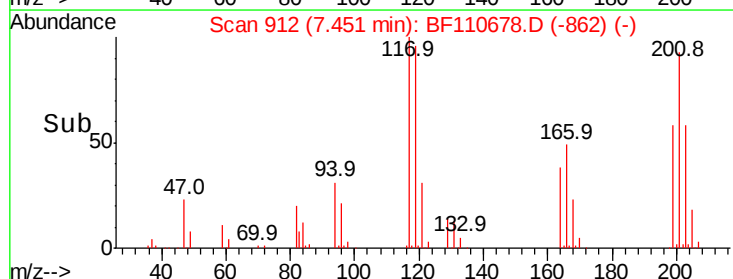
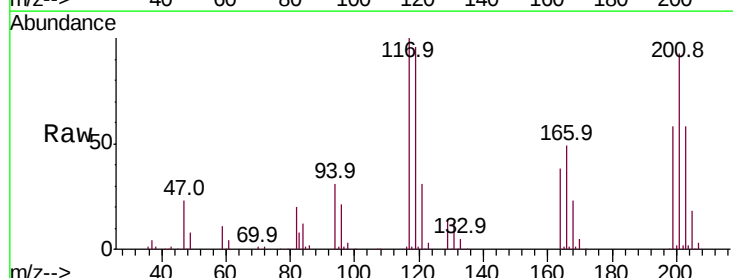
Manual Integrations
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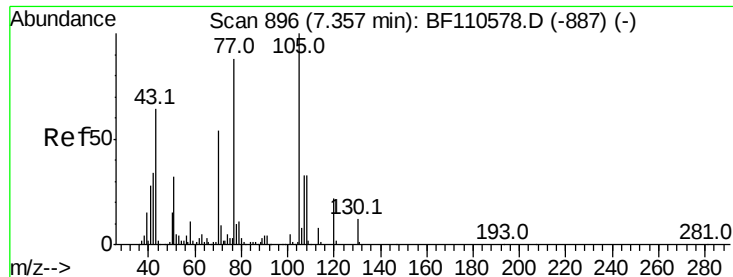
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#18
Hexachloroethane
Concen: 38.746 ng
RT: 7.45 min Scan# 912
Delta R.T. -0.01 min
Lab File: BF110678.D
Acq: 12 Nov 2018 17:00

Tgt Ion	Ratio	Lower	Upper
117	100		
119	95.8	75.0	112.6
201	93.3	79.2	118.8





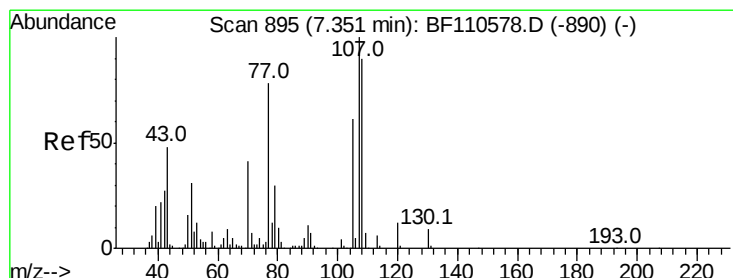
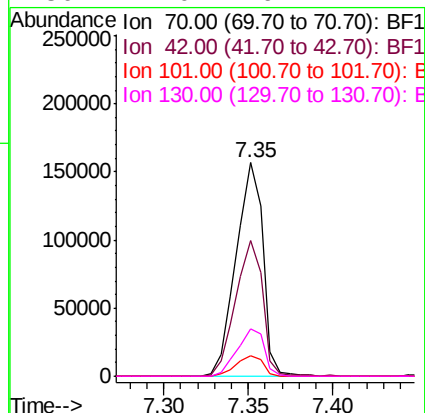
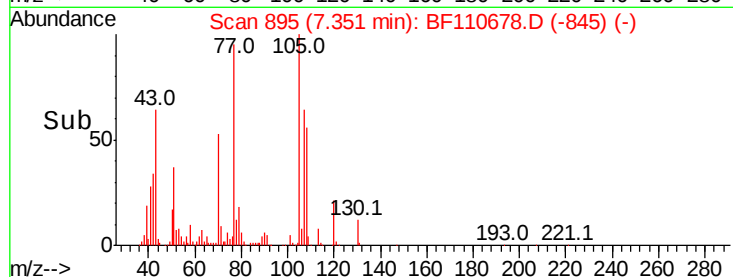
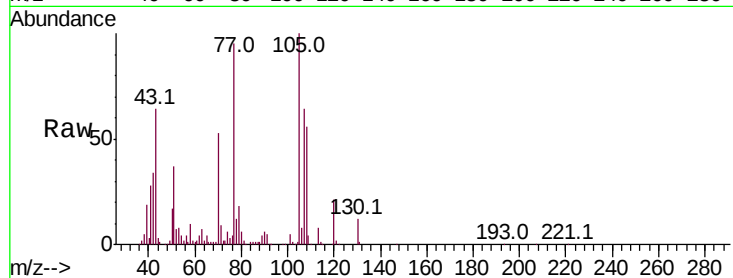
#19
n-Nitroso-di-n-propylamine
Concen: 42.796 ng
RT: 7.35 min Scan# 895
Delta R.T. -0.01 min
Lab File: BF110678.D
Acq: 12 Nov 2018 17:00

Instrument :
BNA_F
ClientSampleId :
SB-12-DMS

Tot Ion	Ratio	Lower	Upper
70	100		
42	63.5	47.4	71.2
101	9.6	7.3	10.9
130	22.0	16.2	24.2

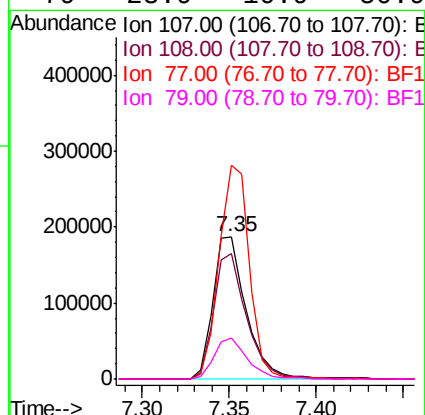
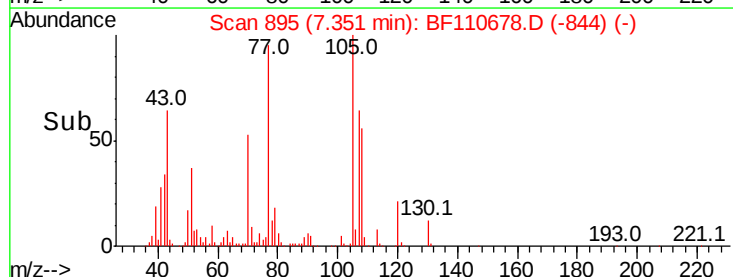
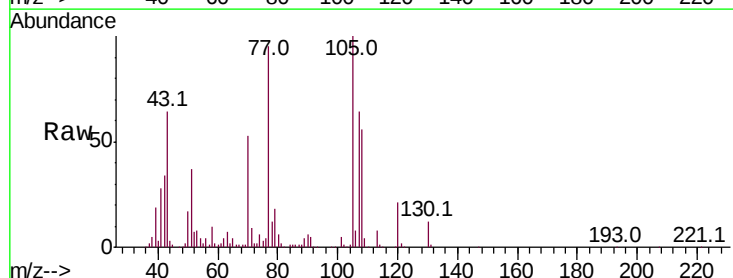
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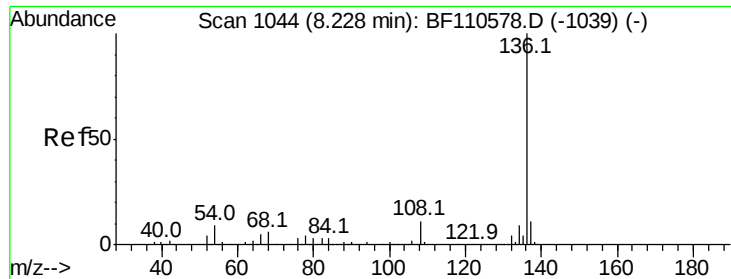
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#20
3+4-Methylphenols
Concen: 41.724 ng m
RT: 7.35 min Scan# 895
Delta R.T. 0.00 min
Lab File: BF110678.D
Acq: 12 Nov 2018 17:00

Tgt Ion	Ratio	Lower	Upper
107	100		
108	87.7	71.4	111.4
77	149.9	47.3	87.3#
79	28.9	10.9	50.9





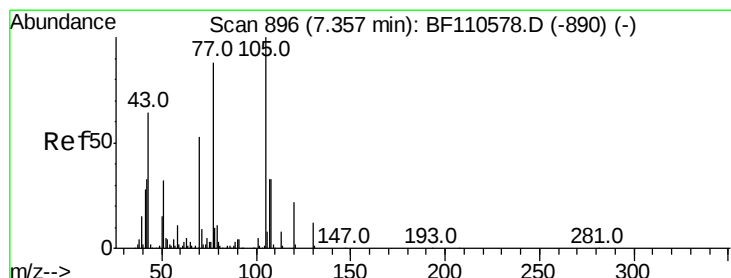
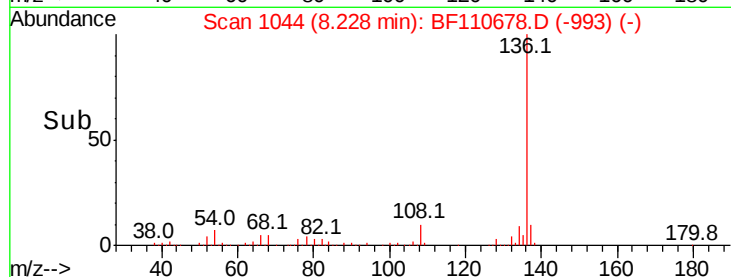
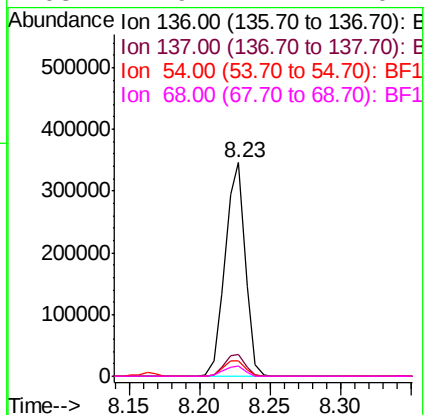
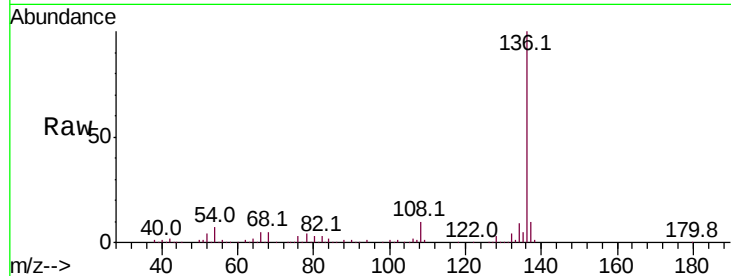
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.23 min Scan# 1044
Delta R.T. 0.00 min
Lab File: BF110678.D
Acq: 12 Nov 2018 17:00

Instrument :
BNA_F
ClientSampleId :
SB-12-DMS

Tot Ion	Ratio	Resp	Lower	Upper
136	100	341951		
137	10.3		8.8	13.2
54	7.5		5.4	8.2
68	4.9		4.2	6.2

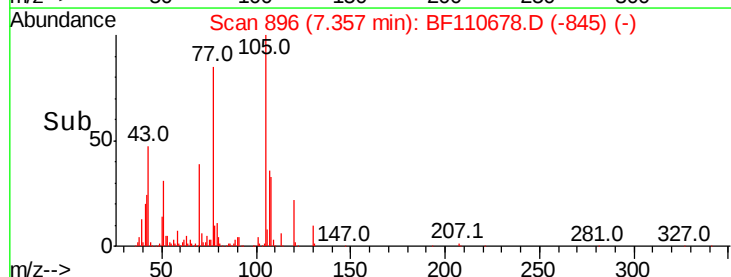
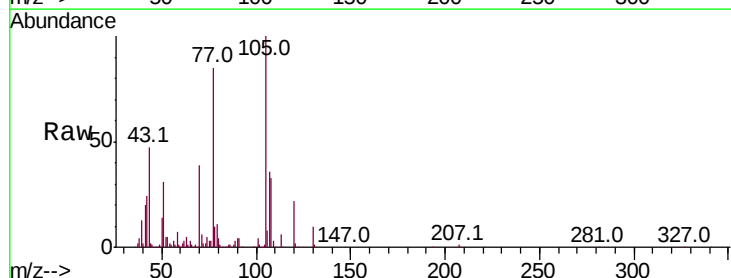
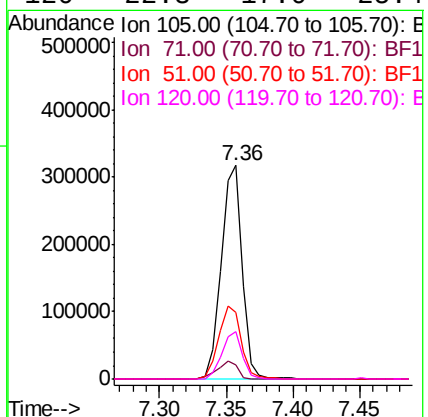
Manual Integrations
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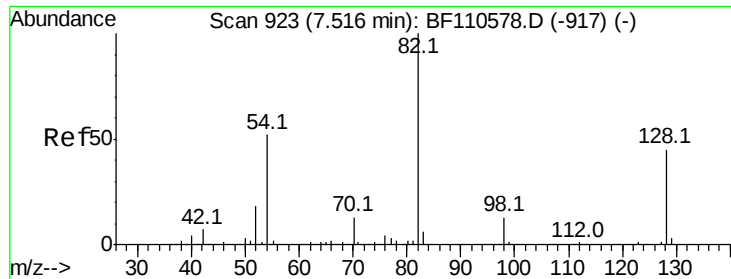
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#22
Acetophenone
Concen: 44.060 ng
RT: 7.36 min Scan# 896
Delta R.T. 0.00 min
Lab File: BF110678.D
Acq: 12 Nov 2018 17:00

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	351131		
71	6.3		5.2	7.8
51	31.3		21.8	32.8
120	22.3		17.0	25.4





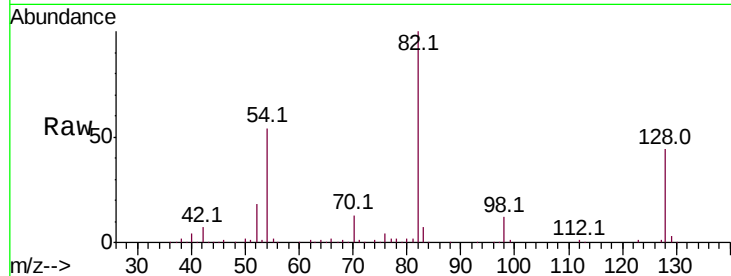
#23
Nitrobenzene-d5
Concen: 77.087 ng
RT: 7.51 min Scan# 922
Delta R.T. -0.01 min
Lab File: BF110678.D
Acq: 12 Nov 2018 17:00

Instrument :
BNA_F
ClientSampleId :
SB-12-DMS

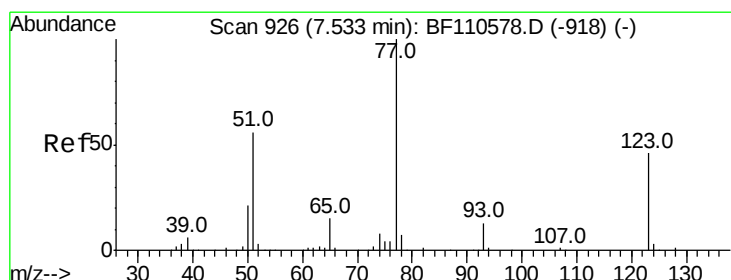
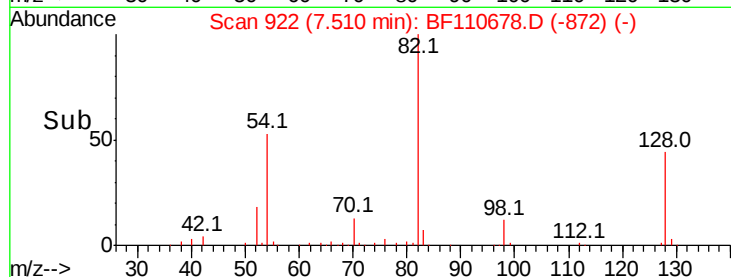
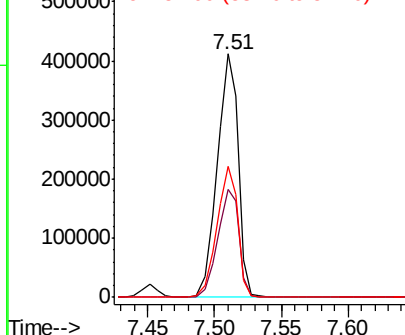
Tot Ion	Ratio	Lower	Upper
82	100		
128	44.1	34.2	51.2
54	53.6	38.6	58.0

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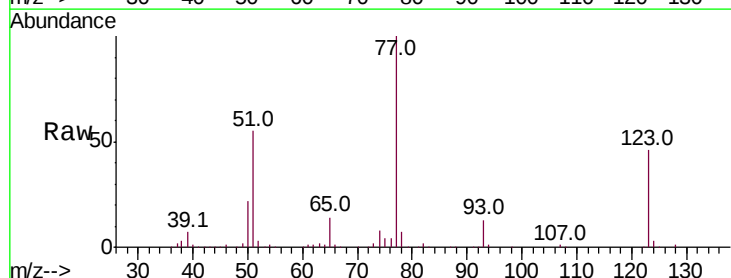


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

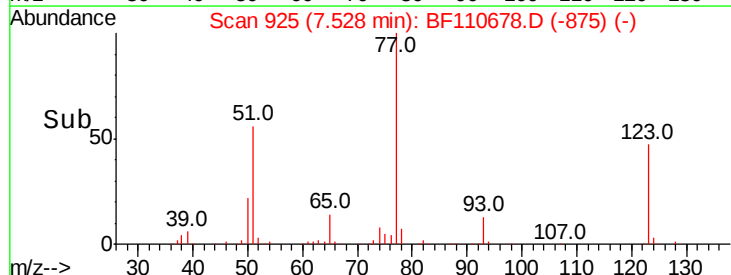
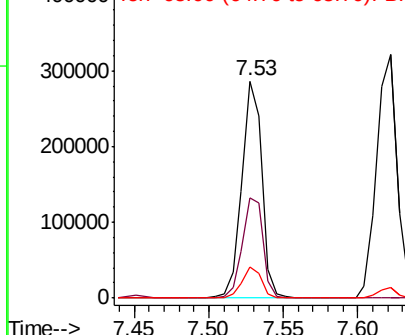


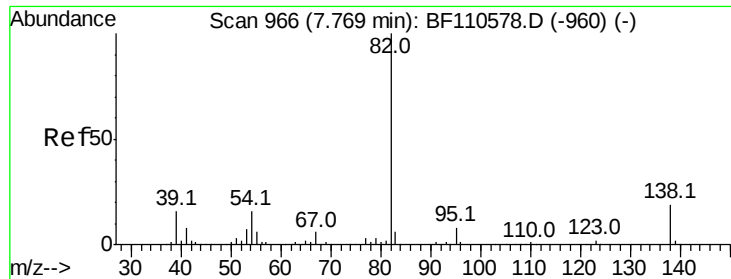
#24
Nitrobenzene
Concen: 43.872 ng
RT: 7.53 min Scan# 925
Delta R.T. -0.01 min
Lab File: BF110678.D
Acq: 12 Nov 2018 17:00

Tgt Ion	Ratio	Lower	Upper
77	100		
123	46.4	35.7	53.5
65	14.2	10.7	16.1



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





#25

Isophorone

Concen: 49.661 ng

RT: 7.76 min Scan# 965

Delta R.T. -0.01 min

Lab File: BF110678.D

Acq: 12 Nov 2018 17:00

Instrument :

BNA_F

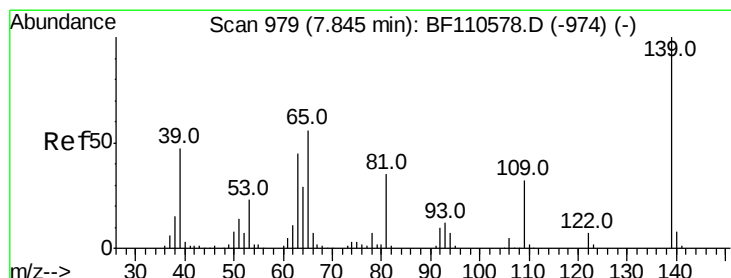
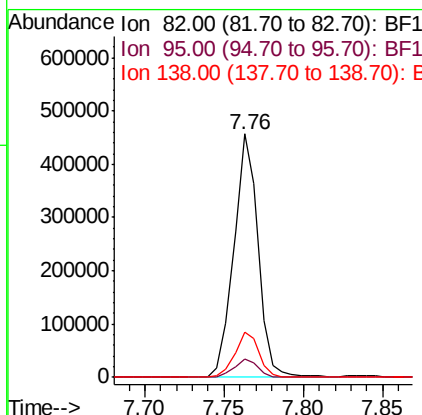
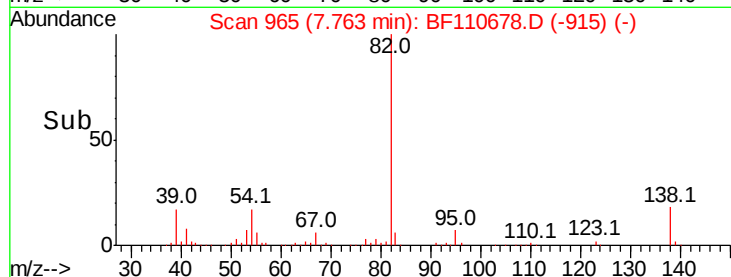
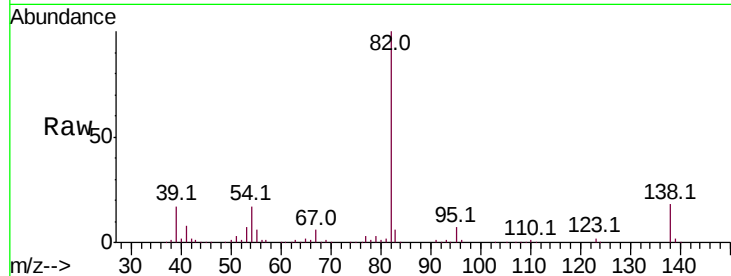
ClientSampleId :

SB-12-DMS

Tot Ion	82	Resp	483302
Ion Ratio	Lower	Upper	
82	100		
95	7.3	5.7	8.5
138	18.4	13.2	19.8

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#26

2-Nitrophenol

Concen: 42.606 ng

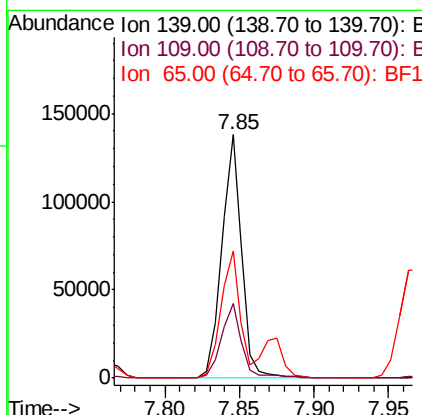
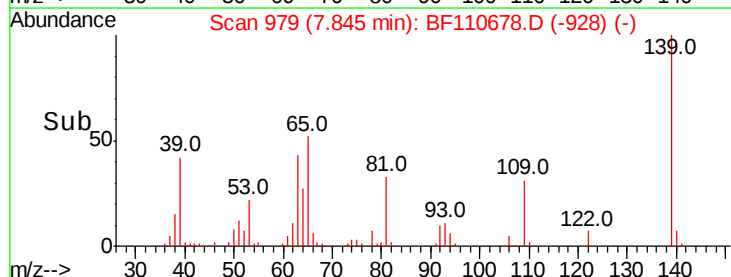
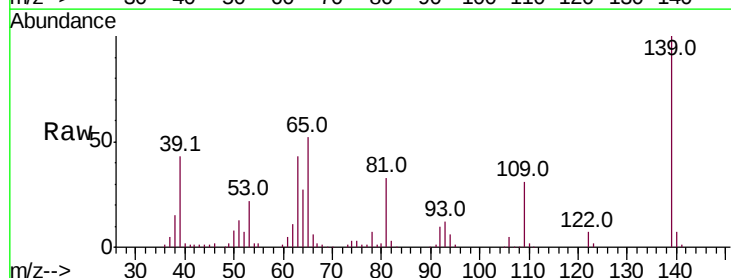
RT: 7.85 min Scan# 979

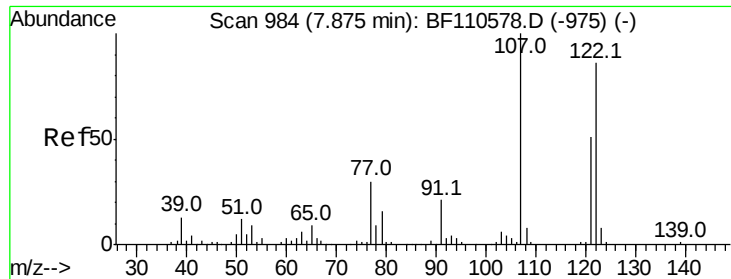
Delta R.T. 0.00 min

Lab File: BF110678.D

Acq: 12 Nov 2018 17:00

Tgt Ion	139	Resp	129308
Ion Ratio	Lower	Upper	
139	100		
109	30.8	25.0	37.6
65	52.2	44.0	66.0





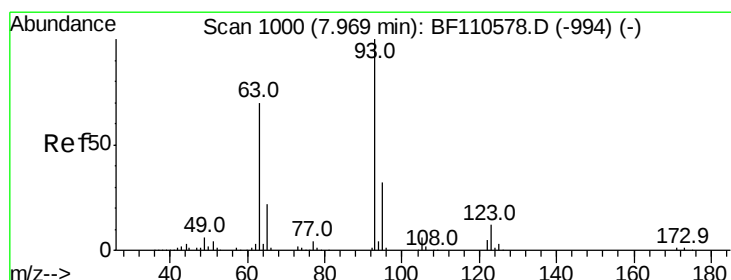
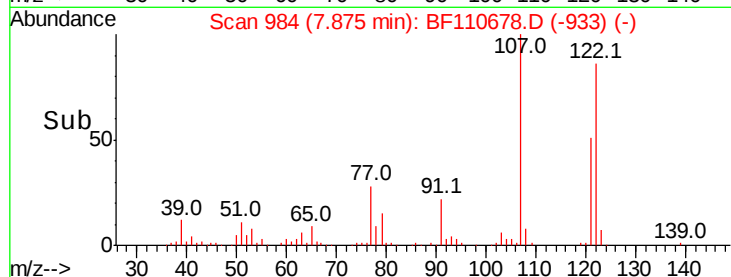
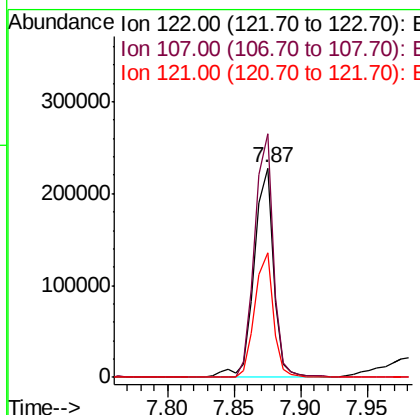
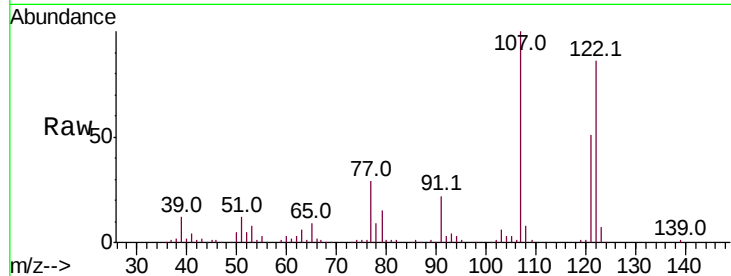
#27
2,4-Dimethylphenol
Concen: 49.554 ng
RT: 7.87 min Scan# 984
Delta R.T. 0.00 min
Lab File: BF110678.D
Acq: 12 Nov 2018 17:00

Instrument :
BNA_F
ClientSampleId :
SB-12-DMS

Tot Ion	Ratio	Lower	Upper
122	100		
107	116.3	92.5	138.7
121	59.5	45.8	68.8

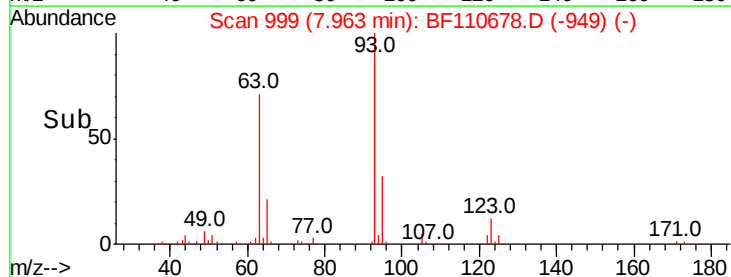
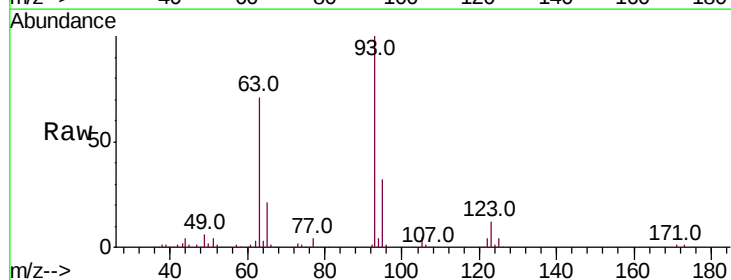
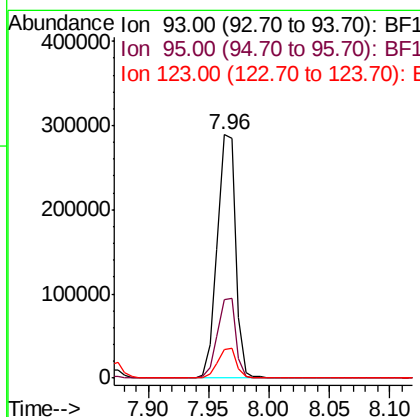
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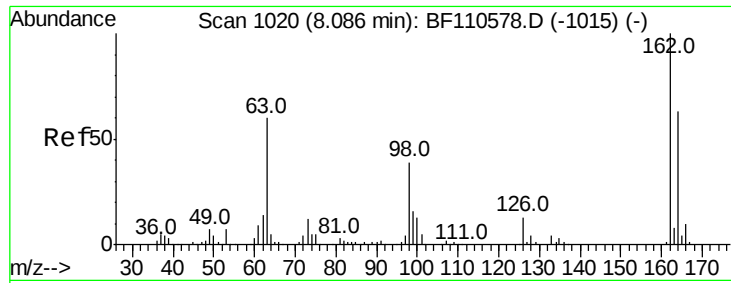
Sohil
11/13/2018 11:16:26 AM



#28
bis(2-Chloroethoxy)methane
Concen: 46.024 ng
RT: 7.96 min Scan# 999
Delta R.T. -0.01 min
Lab File: BF110678.D
Acq: 12 Nov 2018 17:00

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.3	26.4	39.6
123	11.6	9.0	13.6





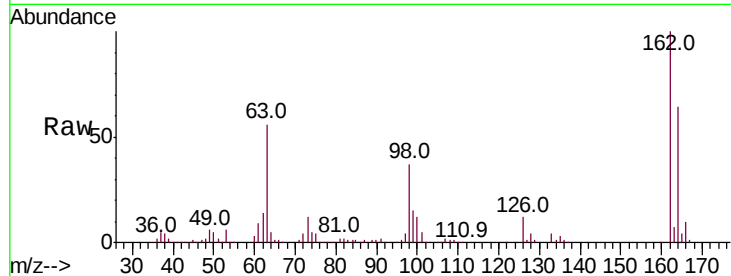
#29
2,4-Dichlorophenol
Concen: 44.661 ng
RT: 8.09 min Scan# 1020
Delta R.T. 0.00 min
Lab File: BF110678.D
Acq: 12 Nov 2018 17:00

Instrument :
BNA_F
ClientSampled :
SB-12-DMS

Tot Ion	Ratio	Resp	Lower	Upper
162	100	212404		
164	64.4		44.6	84.6
98	36.9		17.4	57.4

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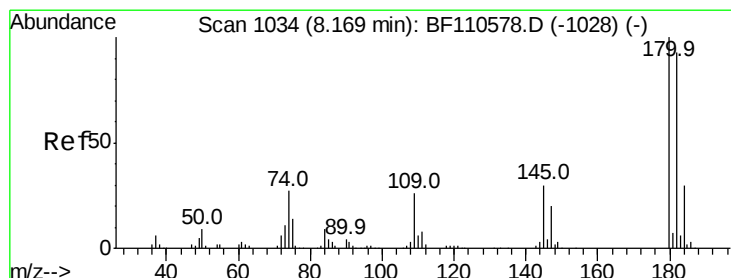
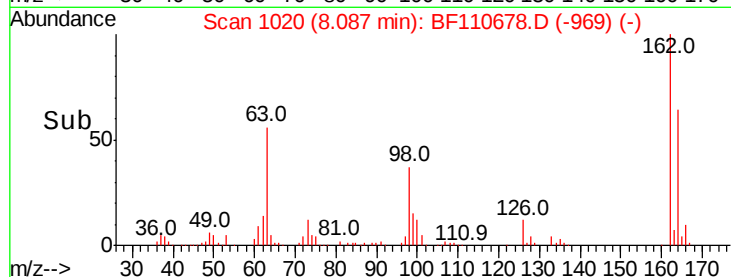
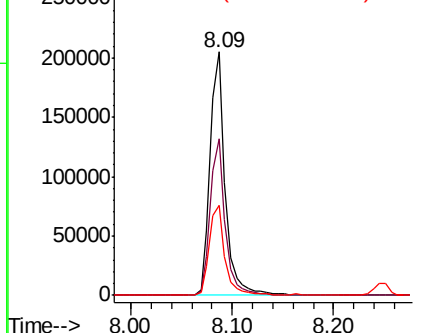


Abundance

Ion 162.00 (161.70 to 162.70): E

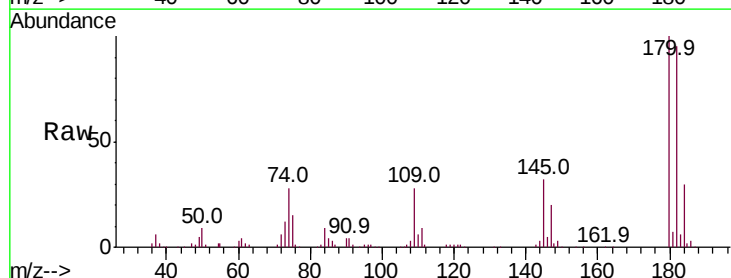
Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BF1



#30
1,2,4-Trichlorobenzene
Concen: 41.573 ng
RT: 8.16 min Scan# 1033
Delta R.T. -0.01 min
Lab File: BF110678.D
Acq: 12 Nov 2018 17:00

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	222926		
182	95.1		80.3	120.5
145	32.2		25.4	38.0

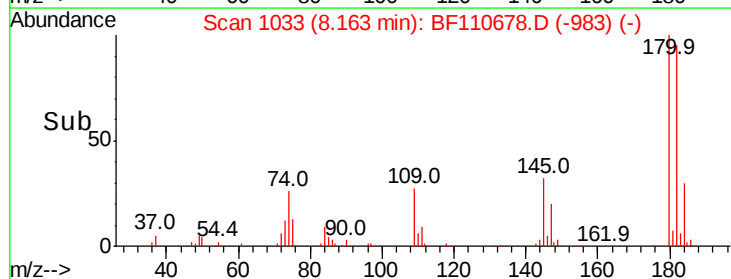
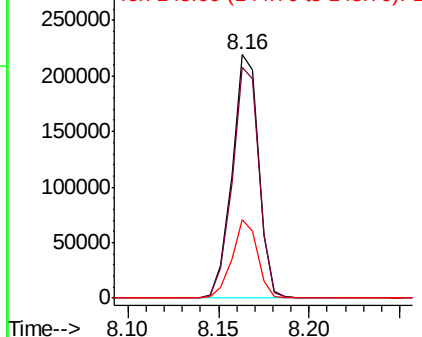


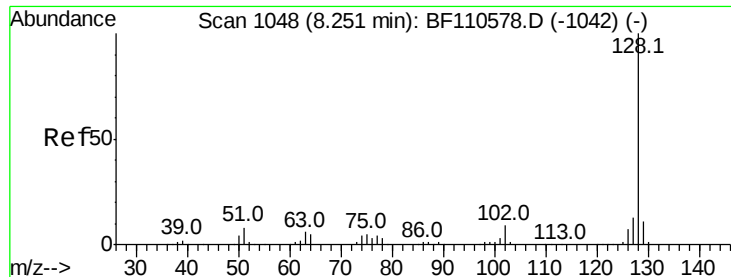
Abundance

Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E





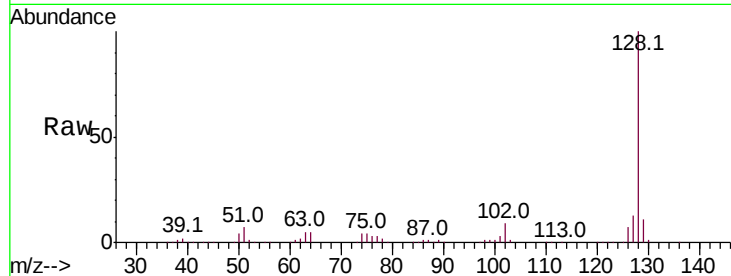
#31
Naphthalene
Concen: 45.864 ng
RT: 8.25 min Scan# 1048
Delta R.T. 0.00 min
Lab File: BF110678.D
Acq: 12 Nov 2018 17:00

Instrument :
BNA_F
ClientSampleId :
SB-12-DMS

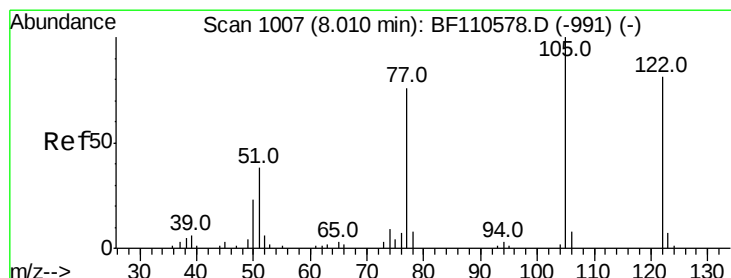
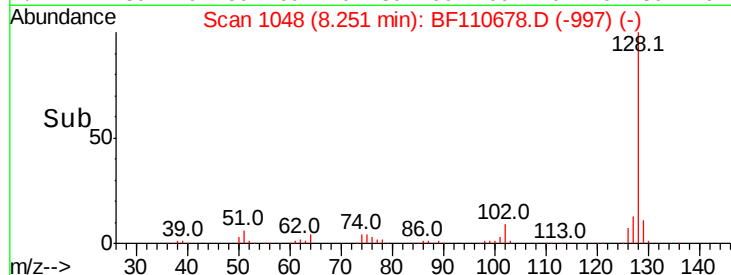
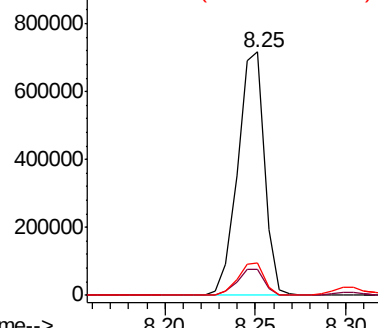
Tot Ion	Ratio	Resp	Lower	Upper
128	100	736241		
129	10.7		8.8	13.2
127	13.1		10.8	16.2

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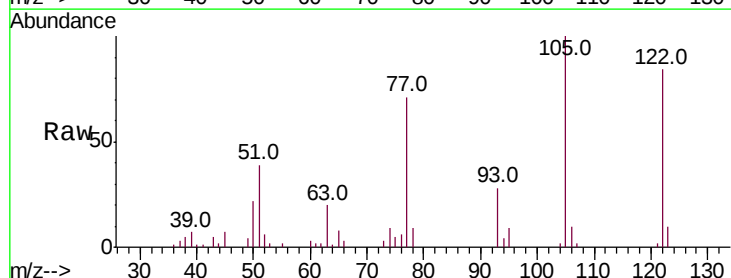


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

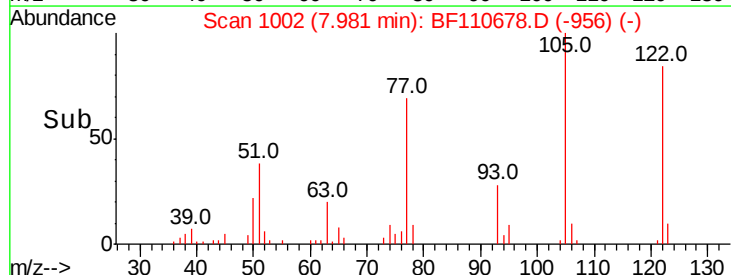
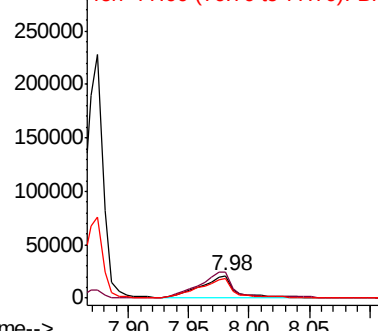


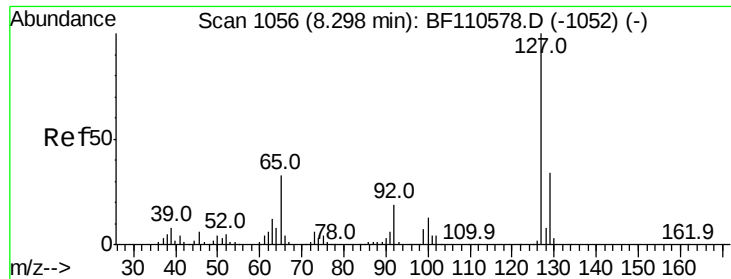
#32
Benzoic acid
Concen: 12.181 ng
RT: 7.98 min Scan# 1002
Delta R.T. -0.03 min
Lab File: BF110678.D
Acq: 12 Nov 2018 17:00

Tgt Ion	Ratio	Resp	Lower	Upper
122	100	39836		
105	118.6		109.0	149.0
77	84.7		79.0	119.0



Abundance Ion 122.00 (121.70 to 122.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BF1





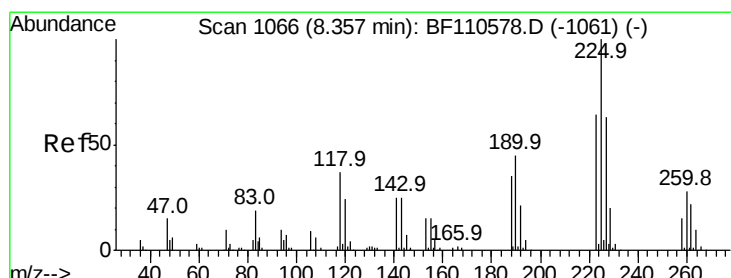
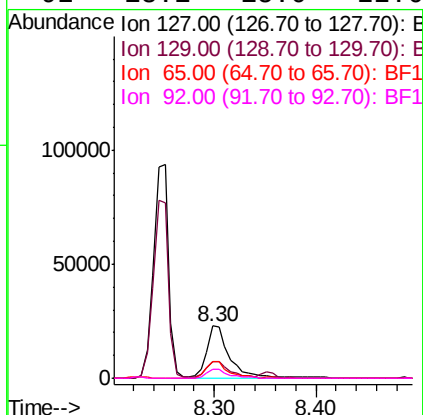
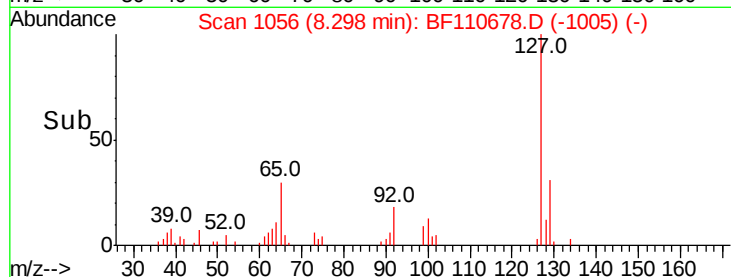
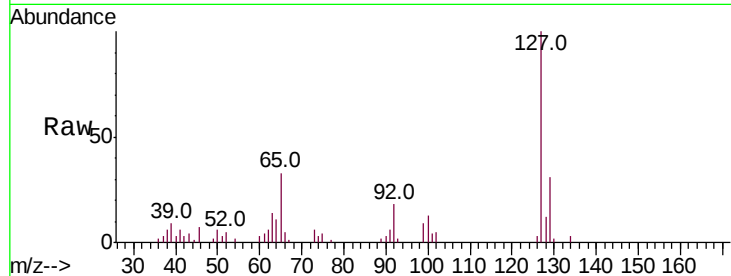
#33
4-Chloroaniline
Concen: 5.044 ng
RT: 8.30 min Scan# 1056
Delta R.T. 0.00 min
Lab File: BF110678.D
Acq: 12 Nov 2018 17:00

Instrument :
BNA_F
ClientSampleId :
SB-12-DMS

Tot Ion	Ratio	Lower	Upper
127	100		
129	31.3	26.0	39.0
65	32.6	25.1	37.7
92	18.1	15.0	22.6

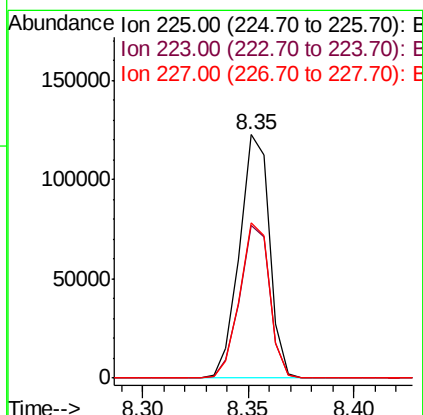
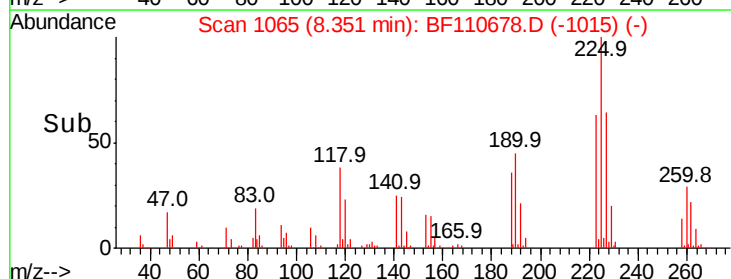
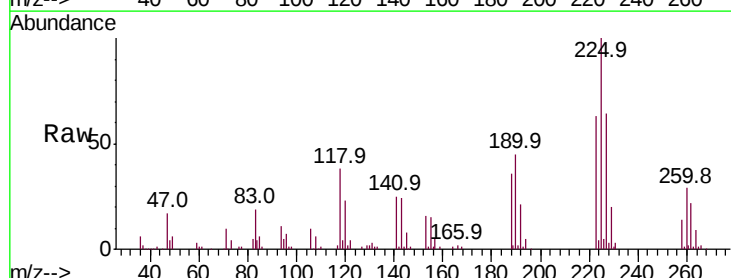
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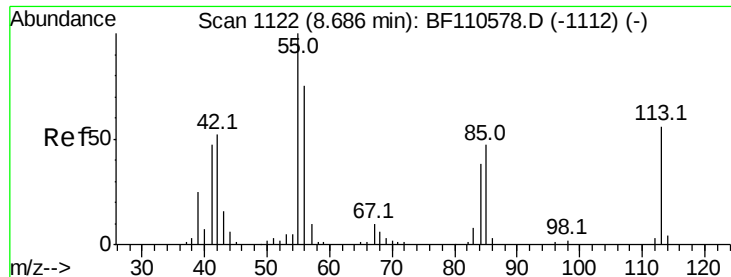
Sohil
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#34
Hexachlorobutadiene
Concen: 39.285 ng
RT: 8.35 min Scan# 1065
Delta R.T. -0.01 min
Lab File: BF110678.D
Acq: 12 Nov 2018 17:00

Tgt Ion	Ratio	Lower	Upper
225	100		
223	62.7	51.4	77.2
227	63.8	51.0	76.6





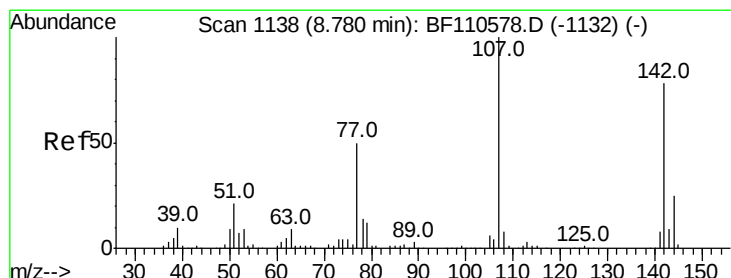
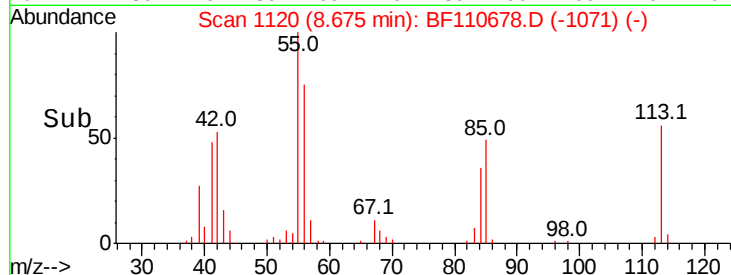
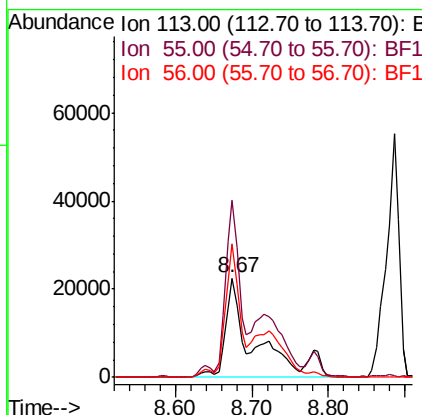
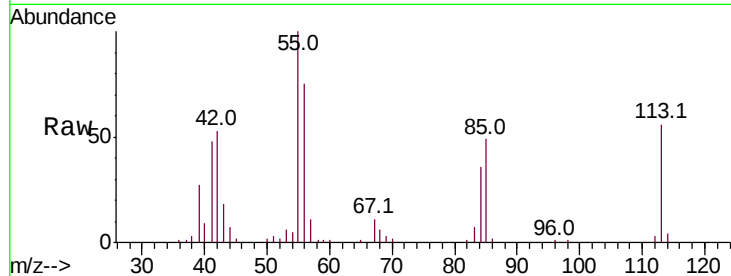
#35
 Caprolactam
 Concen: 36.724 ng/ml
 RT: 8.67 min Scan# 1120
 Delta R.T. -0.01 min
 Lab File: BF110678.D
 Acq: 12 Nov 2018 17:00

Instrument :
 BNA_F
 ClientSampleID :
 SB-12-DMS

Tot Ion	Ratio	Lower	Upper
113	100		
55	179.1	142.8	182.8
56	134.4	105.0	145.0

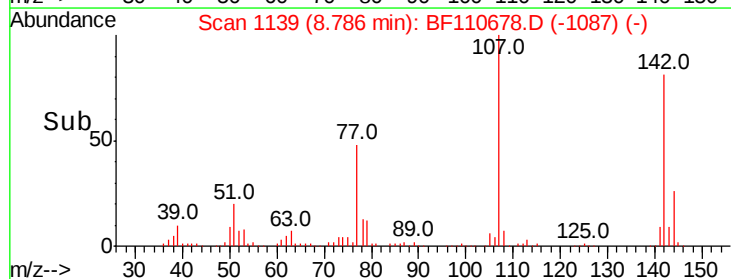
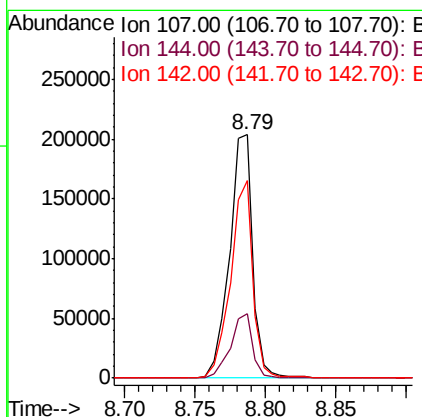
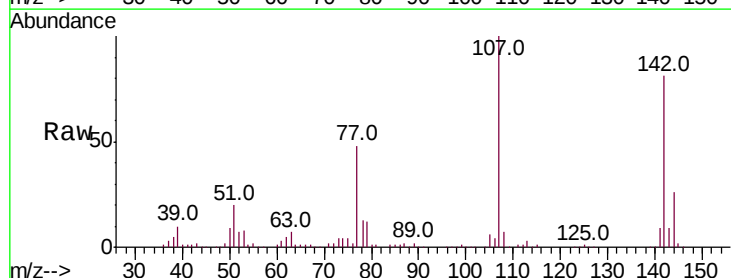
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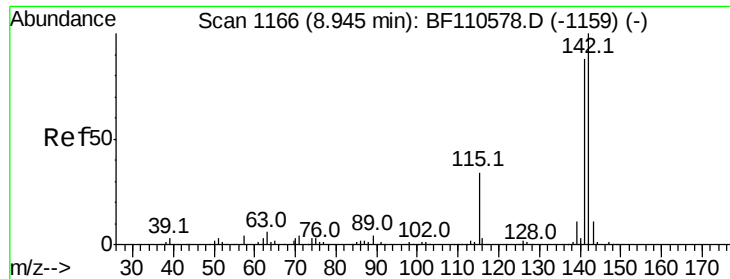
Sohil
 11/13/2018 11:16:26 AM



#36
 4-Chloro-3-methylphenol
 Concen: 45.502 ng/ml
 RT: 8.79 min Scan# 1139
 Delta R.T. 0.01 min
 Lab File: BF110678.D
 Acq: 12 Nov 2018 17:00

Tgt Ion	Ratio	Lower	Upper
107	100		
144	26.4	20.0	30.0
142	81.2	59.7	89.5





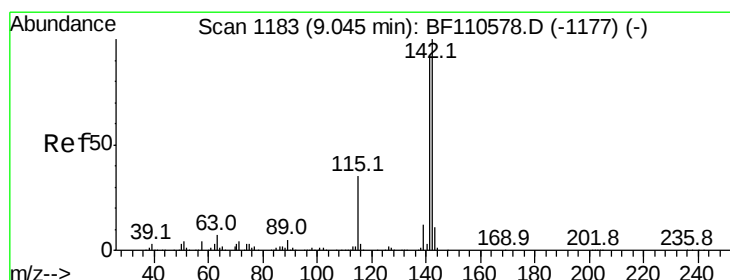
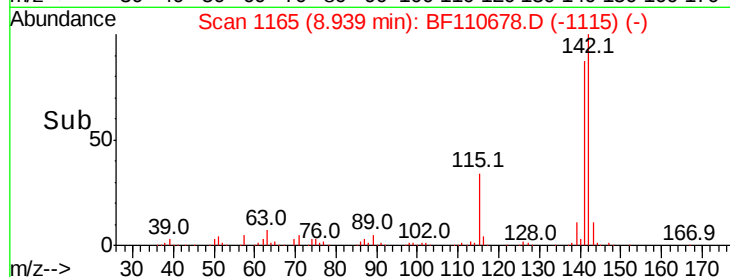
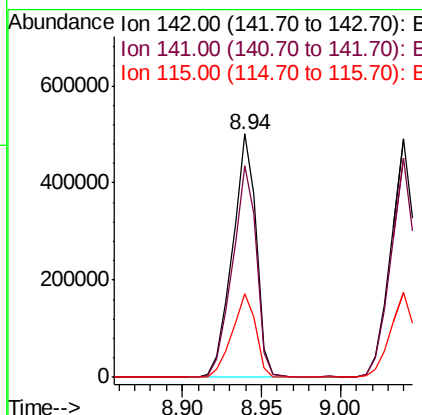
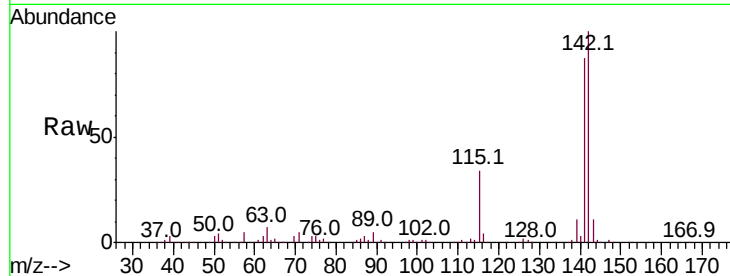
#37
2-Methylnaphthalene
Concen: 49.567 ng
RT: 8.94 min Scan# 1165
Delta R.T. -0.01 min
Lab File: BF110678.D
Acq: 12 Nov 2018 17:00

Instrument :
BNA_F
ClientSampleId :
SB-12-DMS

Tot Ion	Ratio	Resp	Lower	Upper
142	100	521609		
141	86.8		71.4	107.2
115	34.3		28.7	43.1

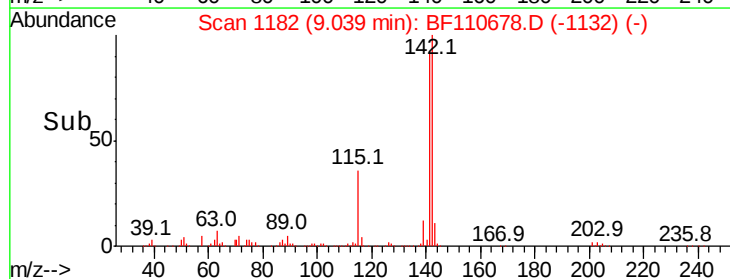
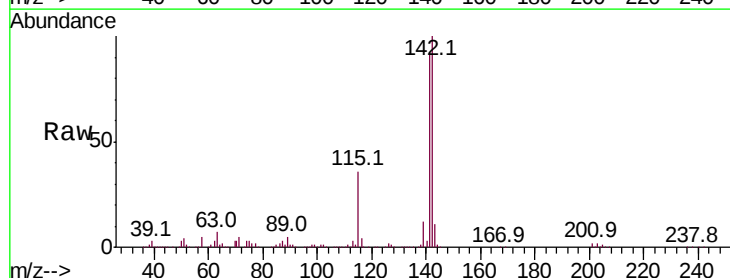
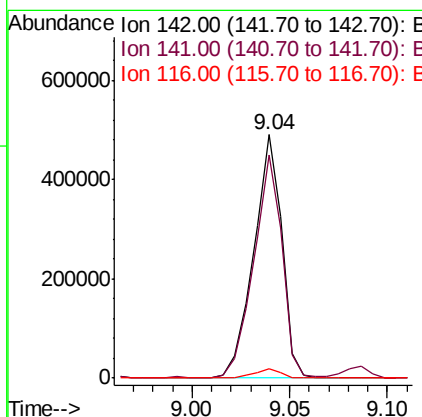
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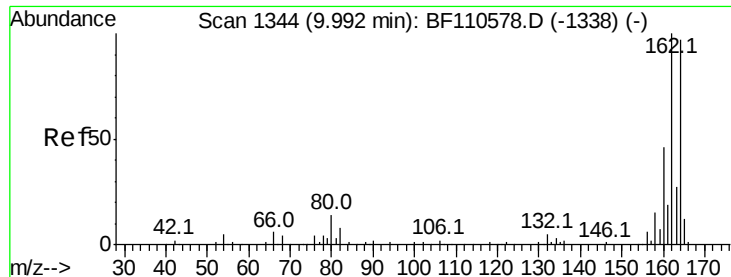
Sohil
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#38
1-Methylnaphthalene
Concen: 47.962 ng
RT: 9.04 min Scan# 1182
Delta R.T. -0.01 min
Lab File: BF110678.D
Acq: 12 Nov 2018 17:00

Tgt Ion	Ratio	Resp	Lower	Upper
142	100	485399		
141	91.7		74.2	111.4
116	3.7		2.6	4.0





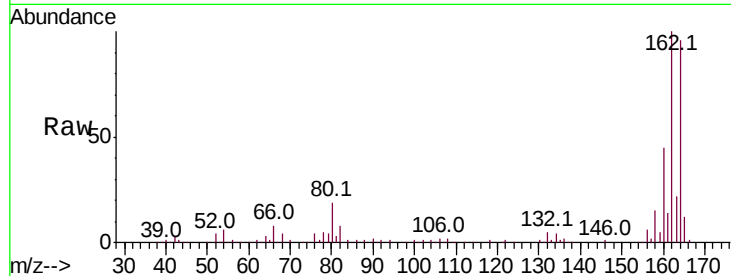
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.99 min Scan# 1343
Delta R.T. -0.01 min
Lab File: BF110678.D
Acq: 12 Nov 2018 17:00

Instrument :
BNA_F
ClientSampleId :
SB-12-DMS

Tot Ion	Ratio	Resp	Lower	Upper
164	100	166839		
162	104.5	83.0	124.6	
160	47.0	37.0	55.6	

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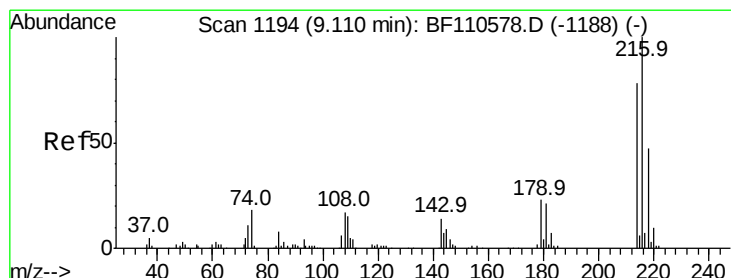
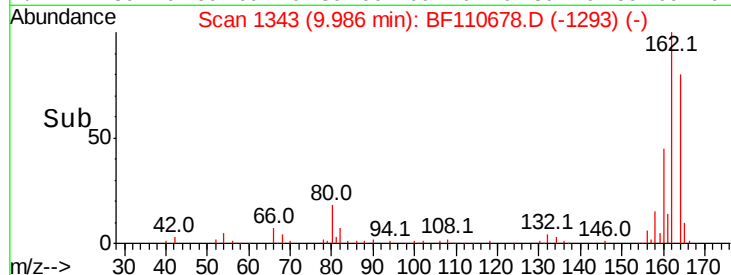
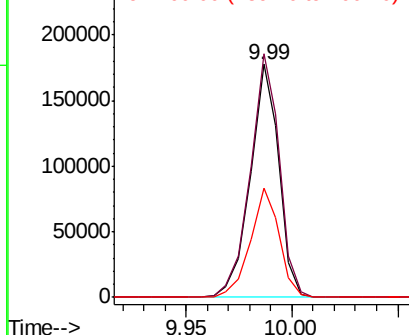


Abundance

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



#40
1,2,4,5-Tetrachlorobenzene
Concen: 41.955 ng
RT: 9.11 min Scan# 1194
Delta R.T. 0.00 min
Lab File: BF110678.D
Acq: 12 Nov 2018 17:00

Tgt Ion	Ratio	Resp	Lower	Upper
216	100	221567		
214	78.9	63.8	95.6	
179	22.0	16.6	25.0	
108	20.4	15.1	22.7	

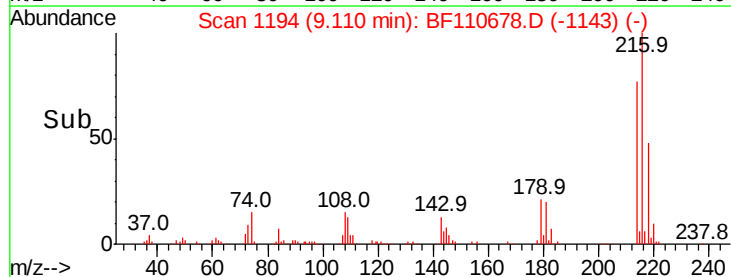
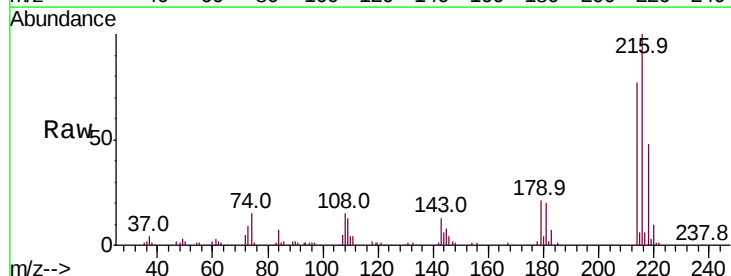
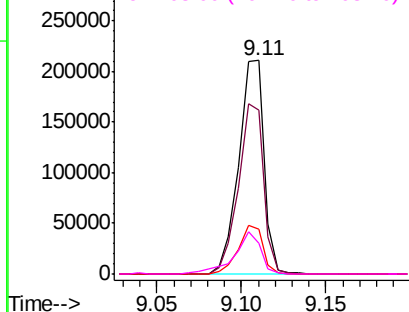
Abundance

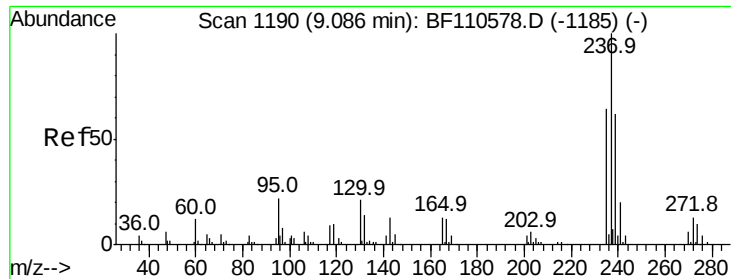
Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E





#41

Hexachlorocyclopentadiene

Concen: 75.899 ng

RT: 9.09 min Scan# 1190

Delta R.T. 0.00 min

Lab File: BF110678.D

Acq: 12 Nov 2018 17:00

Instrument :

BNA_F

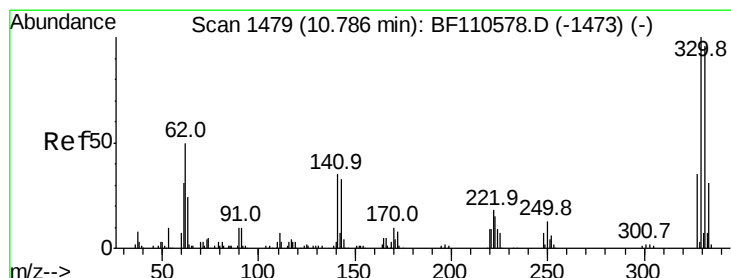
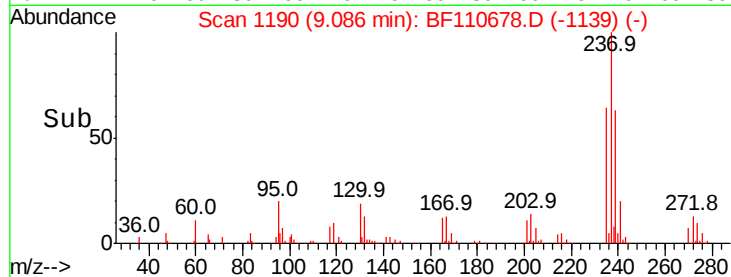
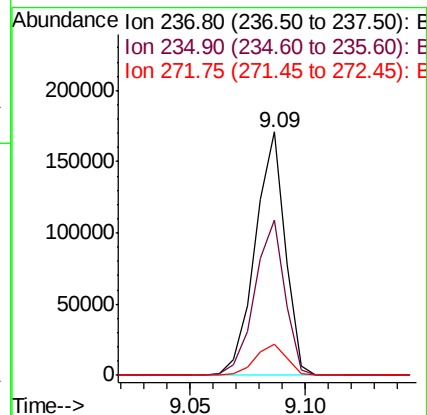
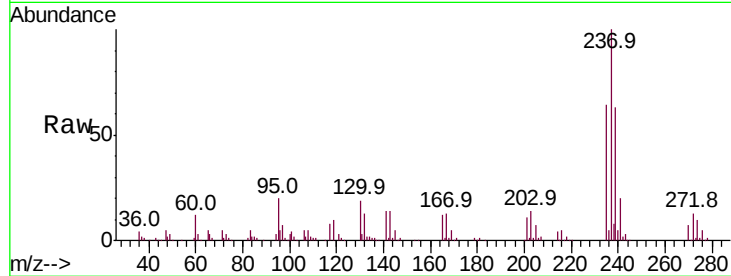
ClientSampleId :

SB-12-DMS

Tot Ion:	237	Resp:	155362
Ion Ratio	Lower	Upper	
237	100		
235	63.6	43.1	83.1
272	12.7	0.0	32.6

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#42

2,4,6-Tribromophenol

Concen: 109.197 ng

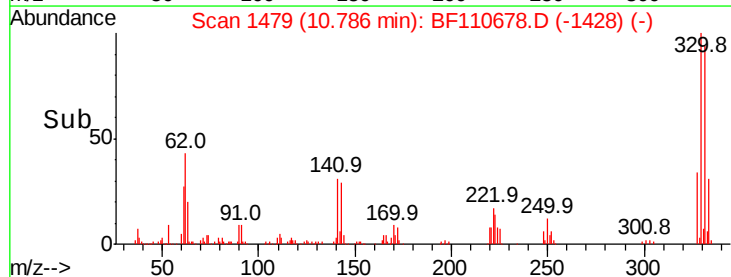
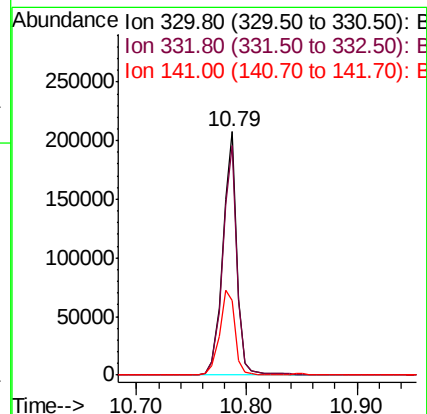
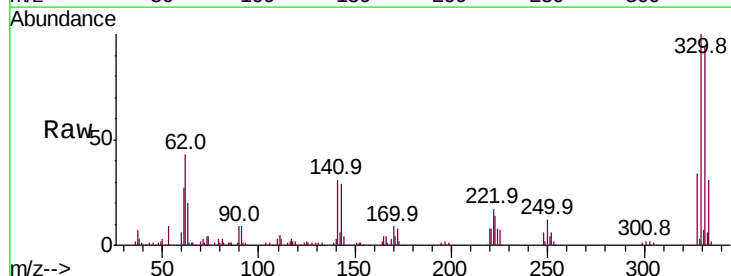
RT: 10.79 min Scan# 1479

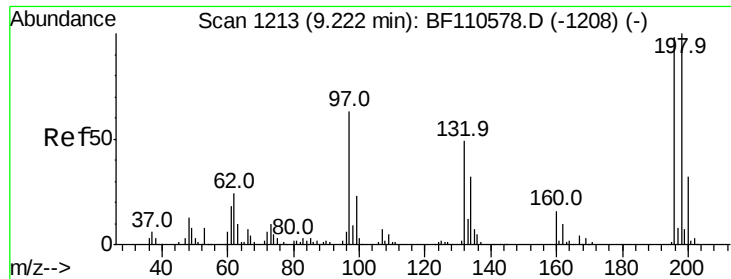
Delta R.T. 0.00 min

Lab File: BF110678.D

Acq: 12 Nov 2018 17:00

Tgt Ion:	330	Resp:	183573
Ion Ratio	Lower	Upper	
330	100		
332	95.8	77.1	115.7
141	38.0	27.0	40.4





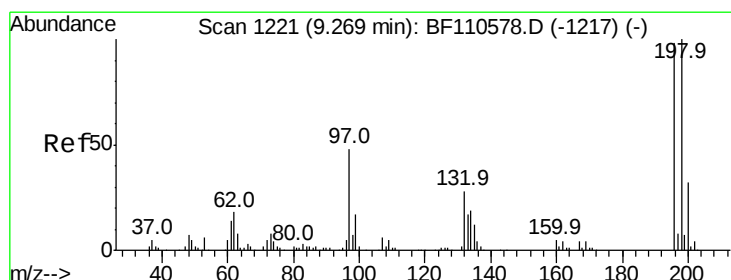
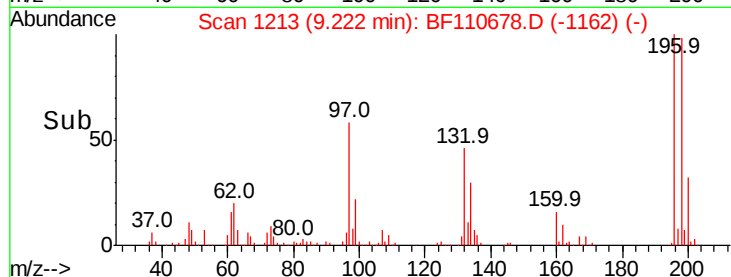
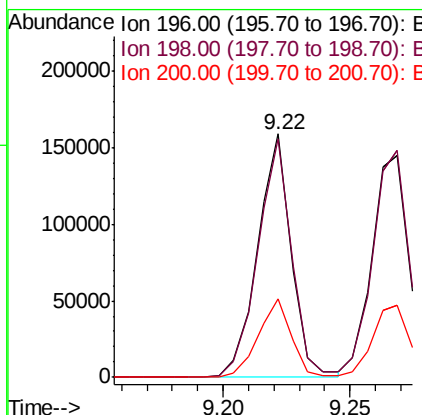
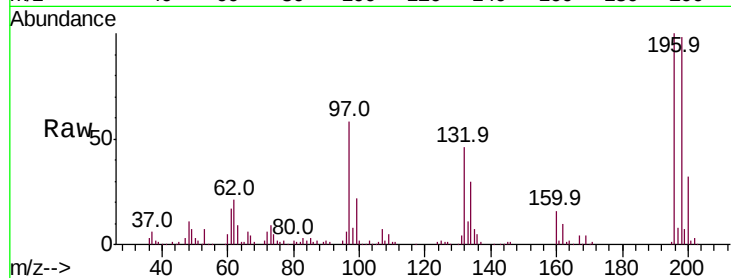
#43
 2,4,6-Trichlorophenol
 Concen: 44.423 ng
 RT: 9.22 min Scan# 1213
 Delta R.T. 0.00 min
 Lab File: BF110678.D
 Acq: 12 Nov 2018 17:00

Instrument :
 BNA_F
 ClientSampleId :
 SB-12-DMS

Tot Ion	Ratio	Resp	Lower	Upper
196	100	147425		
198	98.0	76.2	114.4	
200	32.4	24.4	36.6	

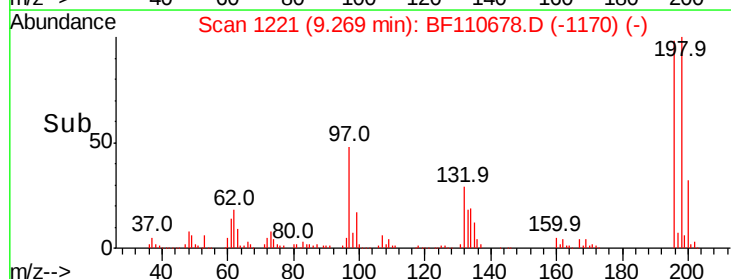
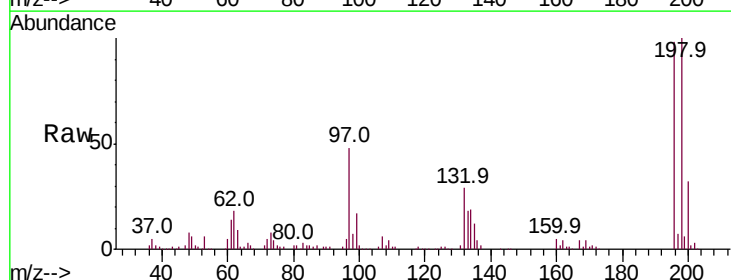
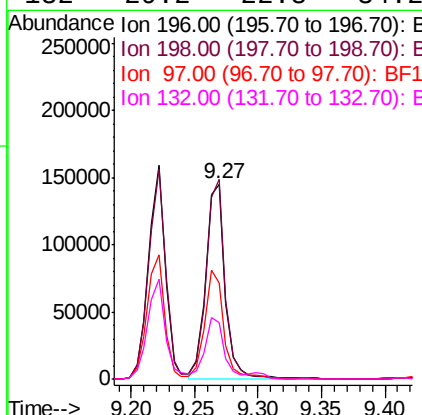
Manual Integrations
 APPROVED

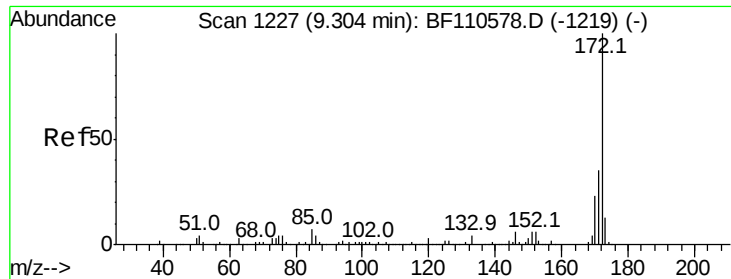
Sohil
 11/13/2018 11:16:26 AM



#44
 2,4,5-Trichlorophenol
 Concen: 43.916 ng
 RT: 9.27 min Scan# 1221
 Delta R.T. 0.00 min
 Lab File: BF110678.D
 Acq: 12 Nov 2018 17:00

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	155461		
198	102.2	75.8	113.6	
97	49.5	42.4	63.6	
132	29.2	22.8	34.2	





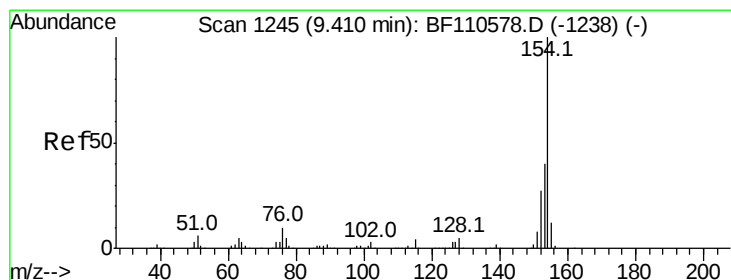
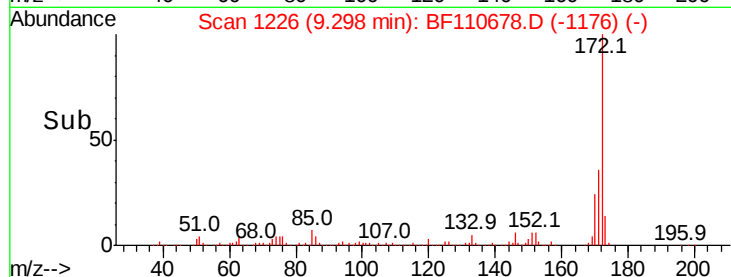
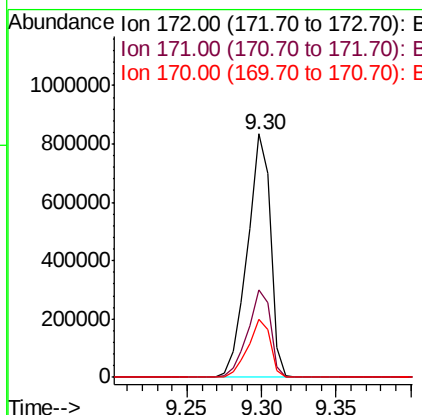
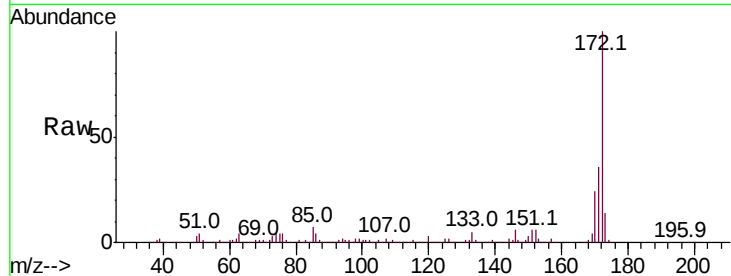
#45
2-Fluorobiphenyl
Concen: 76.039 ng
RT: 9.30 min Scan# 1226
Delta R.T. -0.01 min
Lab File: BF110678.D
Acq: 12 Nov 2018 17:00

Instrument :
BNA_F
ClientSampled :
SB-12-DMS

Tot Ion	Ratio	Lower	Upper
172	100		
171	36.0	28.6	43.0
170	24.1	19.7	29.5

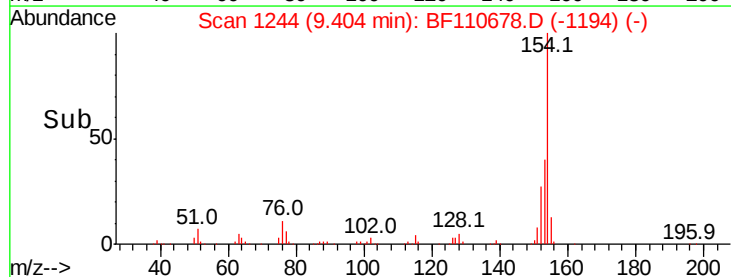
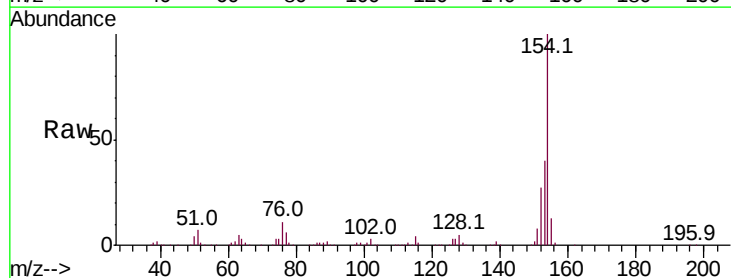
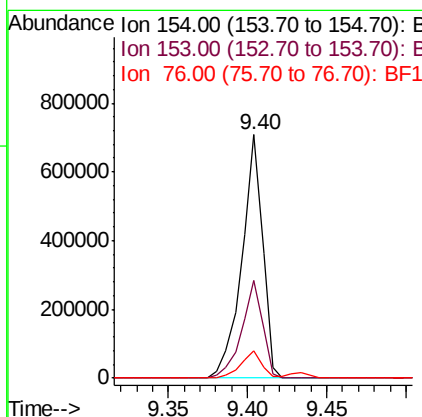
Manual Integrations
APPROVED

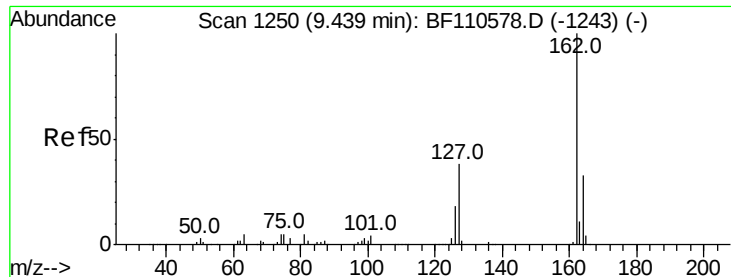
Sohil
11/13/2018 11:16:26 AM



#46
1,1'-Biphenyl
Concen: 41.151 ng
RT: 9.40 min Scan# 1244
Delta R.T. -0.01 min
Lab File: BF110678.D
Acq: 12 Nov 2018 17:00

Tgt Ion	Ratio	Lower	Upper
154	100		
153	40.3	20.4	60.4
76	11.3	0.0	31.9





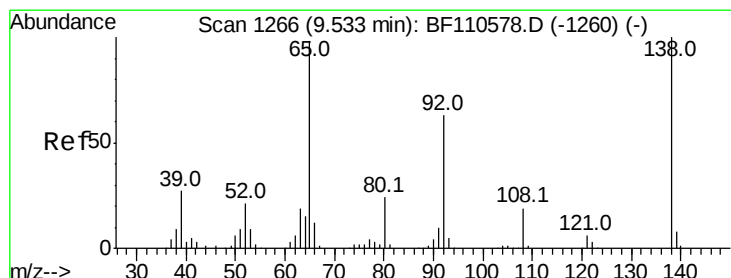
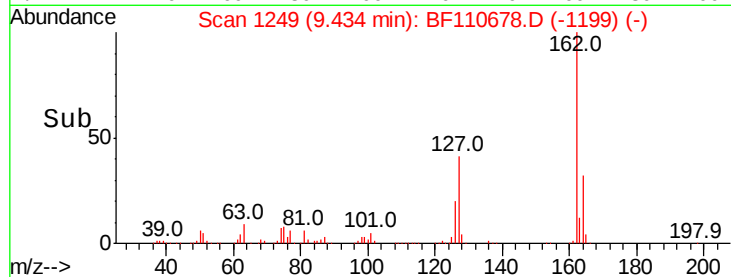
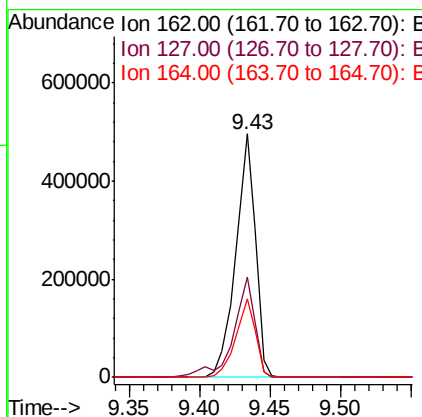
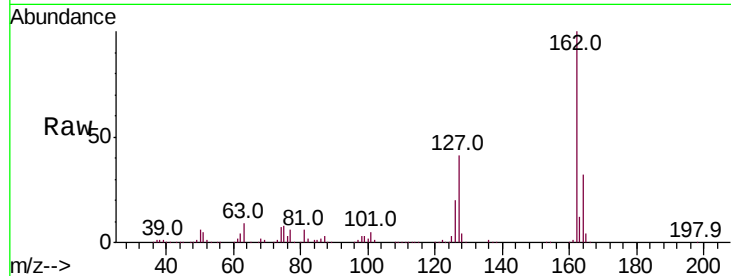
#47
 2-Chloronaphthalene
 Concen: 42.903 ng
 RT: 9.43 min Scan# 1249
 Delta R.T. -0.01 min
 Lab File: BF110678.D
 Acq: 12 Nov 2018 17:00

Instrument :
 BNA_F
 ClientSampleId :
 SB-12-DMS

Tot Ion:	162	Resp:	481056
Ion Ratio	Lower	Upper	
162	100		
127	41.4	32.6	48.8
164	32.5	25.9	38.9

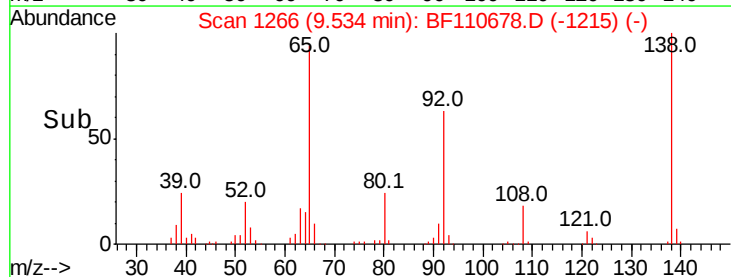
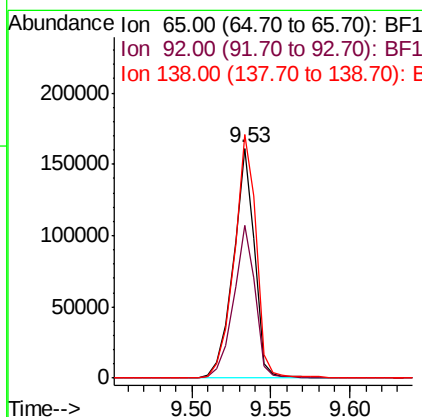
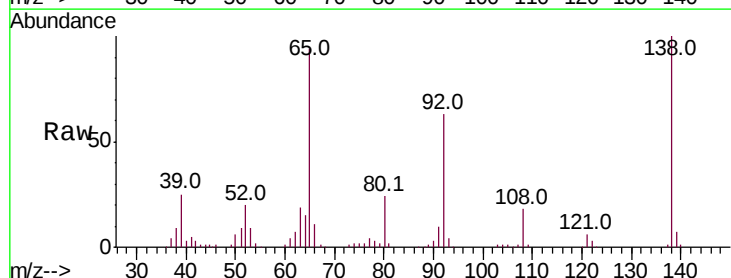
Manual Integrations
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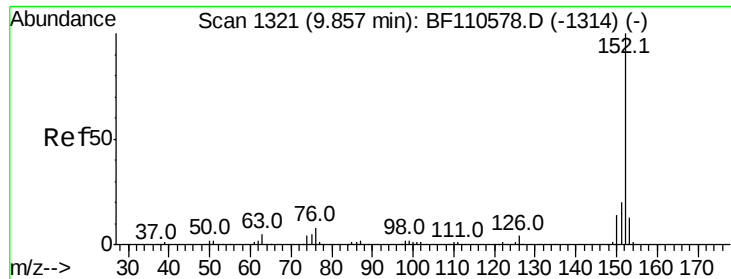
Sohil
 11/13/2018 11:16:26 AM



#48
 2-Nitroaniline
 Concen: 43.164 ng
 RT: 9.53 min Scan# 1266
 Delta R.T. 0.00 min
 Lab File: BF110678.D
 Acq: 12 Nov 2018 17:00

Tgt Ion:	65	Resp:	149144
Ion Ratio	Lower	Upper	
65	100		
92	66.5	54.6	81.8
138	105.8	80.3	120.5





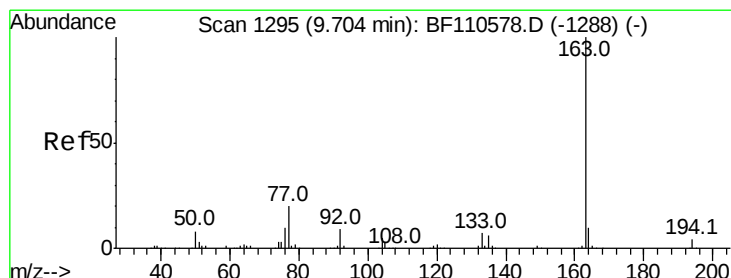
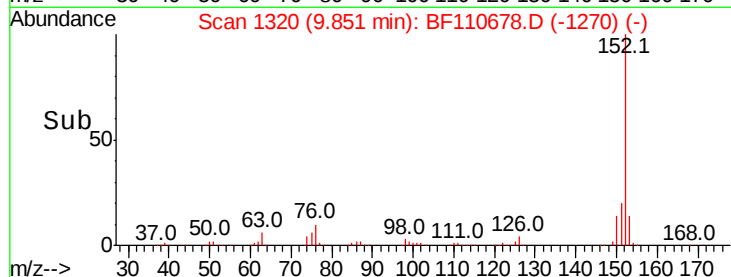
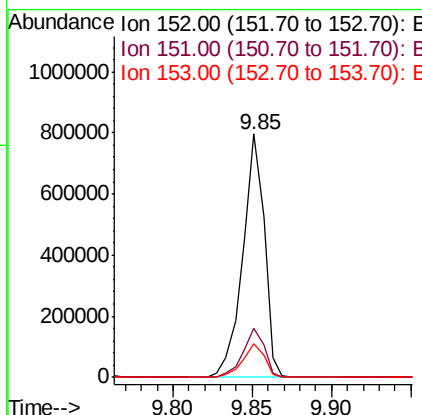
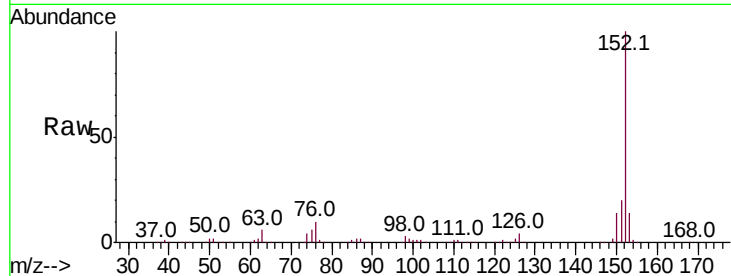
#49
Acenaphthylene
Concen: 46.446 ng
RT: 9.85 min Scan# 1320
Delta R.T. -0.01 min
Lab File: BF110678.D
Acq: 12 Nov 2018 17:00

Instrument :
BNA_F
ClientSampleId :
SB-12-DMS

Tot Ion	Ratio	Lower	Upper
152	100		
151	20.1	15.8	23.8
153	13.9	10.4	15.6

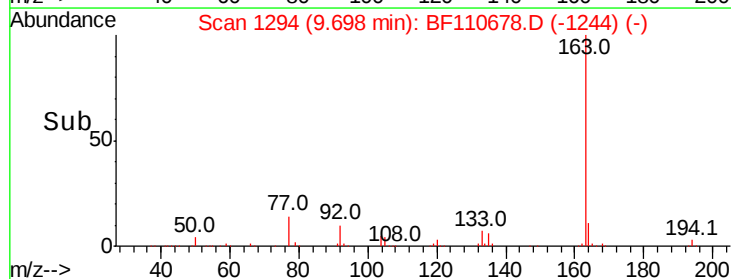
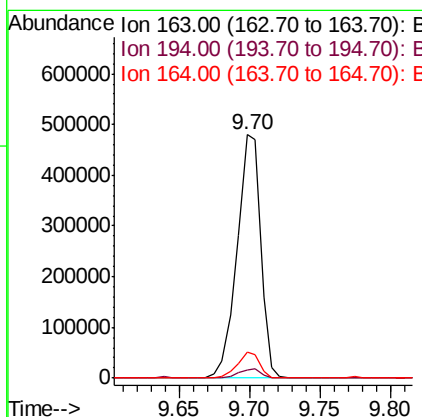
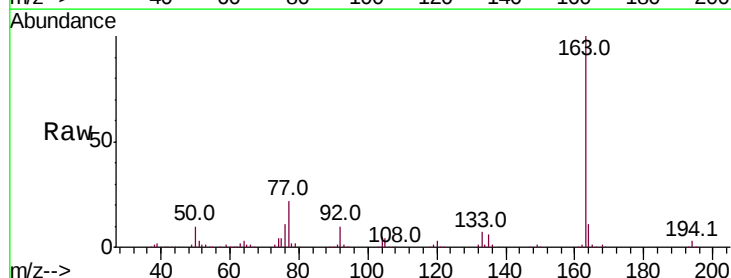
Manual Integrations
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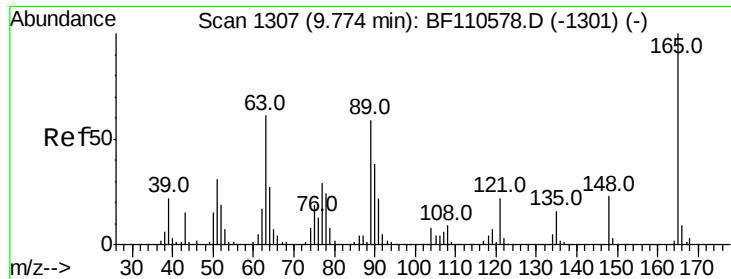
Sohil
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#50
Dimethylphthalate
Concen: 45.117 ng
RT: 9.70 min Scan# 1294
Delta R.T. -0.01 min
Lab File: BF110678.D
Acq: 12 Nov 2018 17:00

Tgt Ion	Ratio	Lower	Upper
163	100		
194	3.5	3.2	4.8
164	10.6	8.1	12.1





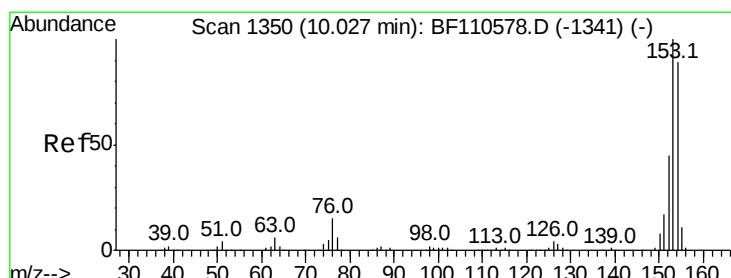
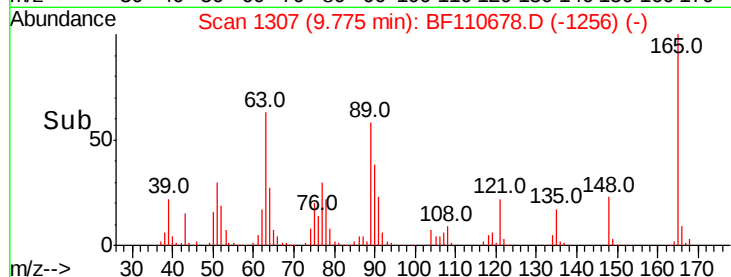
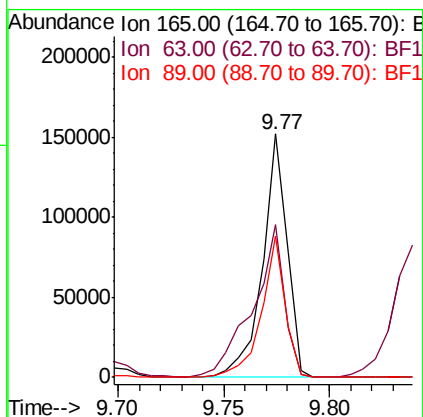
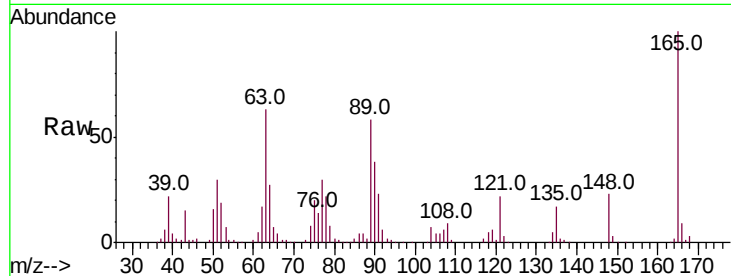
#51
2,6-Dinitrotoluene
Concen: 45.050 ng
RT: 9.77 min Scan# 1307
Delta R.T. 0.00 min
Lab File: BF110678.D
Acq: 12 Nov 2018 17:00

Instrument :
BNA_F
ClientSampleId :
SB-12-DMS

Tot Ion	Ratio	Resp	Lower	Upper
165	100	123372		
63	62.5	48.9	73.3	
89	58.0	46.6	69.8	

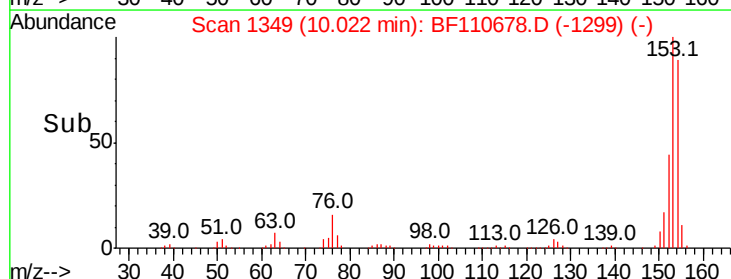
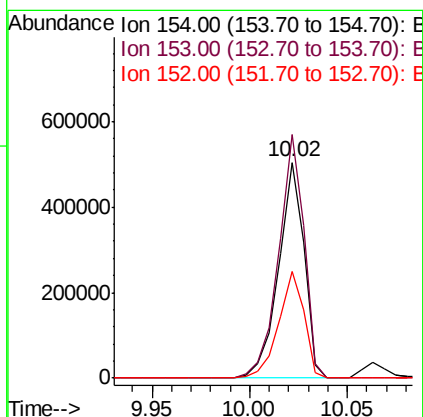
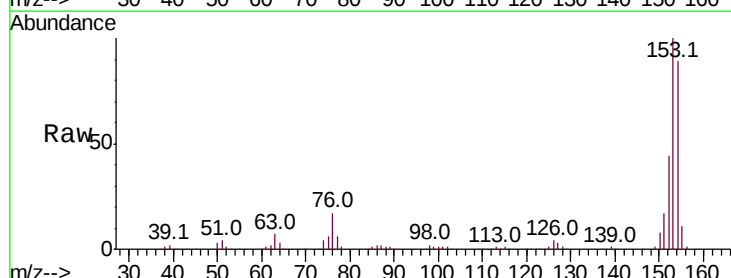
Manual Integrations
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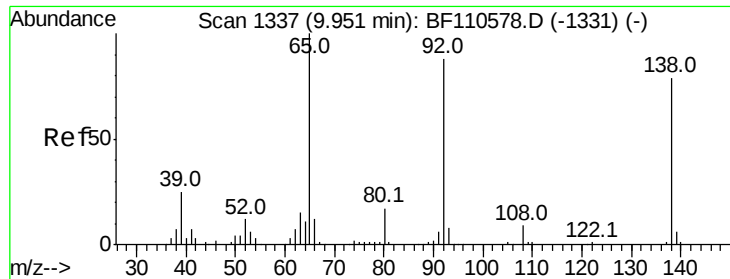
Sohil
11/13/2018 11:16:26 AM



#52
Acenaphthene
Concen: 44.953 ng
RT: 10.02 min Scan# 1349
Delta R.T. -0.01 min
Lab File: BF110678.D
Acq: 12 Nov 2018 17:00

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	458736		
153	112.7	90.1	135.1	
152	49.6	43.4	65.2	





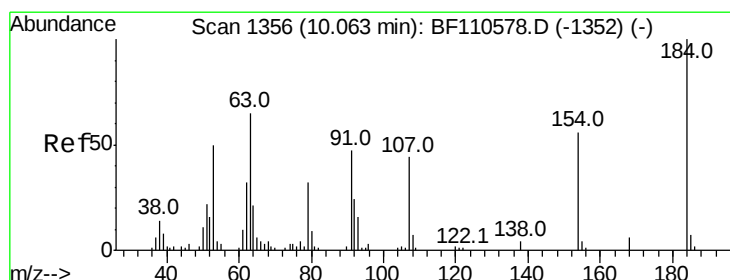
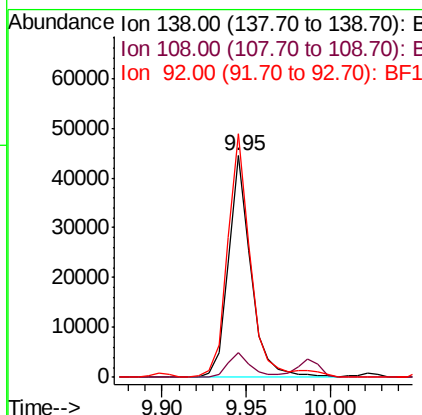
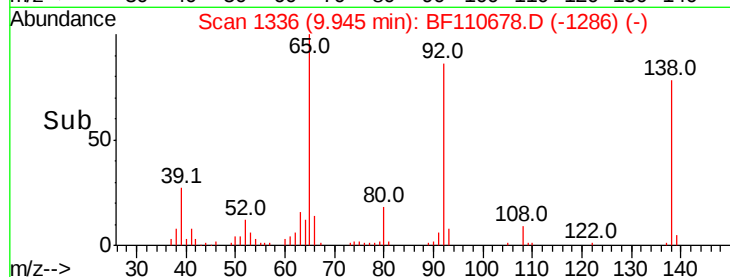
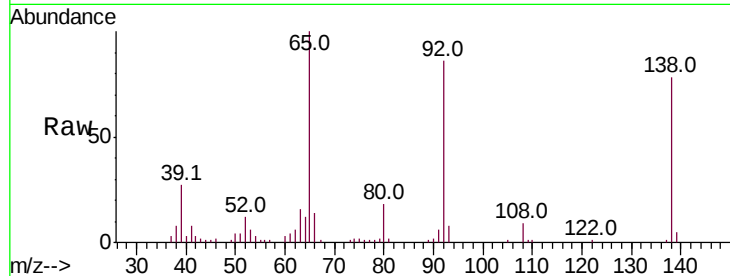
#53
3-Nitroaniline
Concen: 12.802 ng
RT: 9.95 min Scan# 1336
Delta R.T. -0.01 min
Lab File: BF110678.D
Acq: 12 Nov 2018 17:00

Instrument :
BNA_F
ClientSampleId :
SB-12-DMS

Tot Ion	Ratio	Lower	Upper
138	100		
108	11.0	8.7	13.1
92	109.8	97.0	145.4

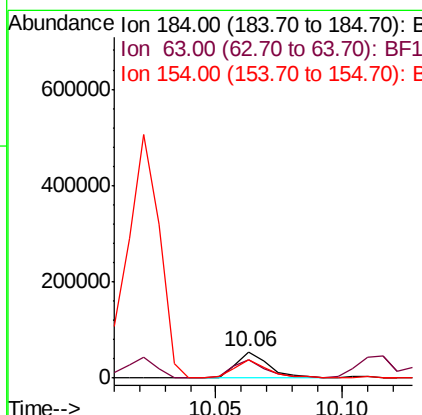
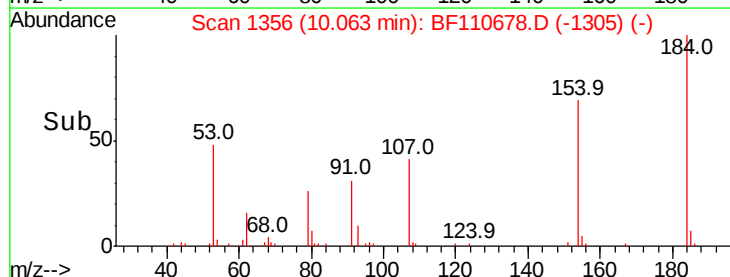
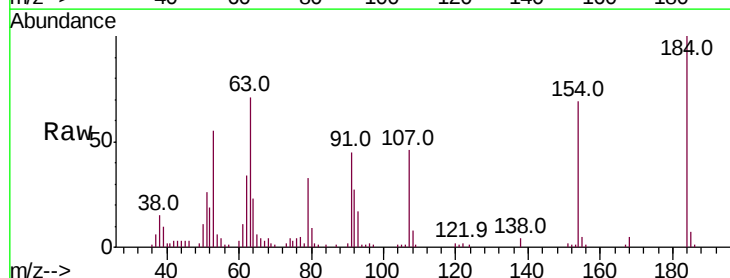
Manual Integrations
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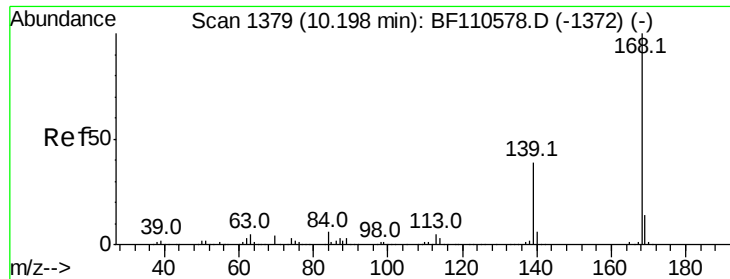
Sohil
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#54
2,4-Dinitrophenol
Concen: 48.193 ng
RT: 10.06 min Scan# 1356
Delta R.T. 0.00 min
Lab File: BF110678.D
Acq: 12 Nov 2018 17:00

Tgt Ion	Ratio	Lower	Upper
184	100		
63	70.9	55.8	83.6
154	69.4	63.2	94.8





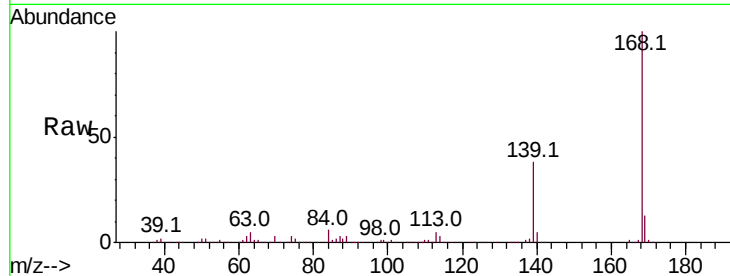
#55
Dibenzofuran
Concen: 44.155 ng
RT: 10.20 min Scan# 1379
Delta R.T. 0.00 min
Lab File: BF110678.D
Acq: 12 Nov 2018 17:00

Instrument :
BNA_F
ClientSampleId :
SB-12-DMS

Tot Ion	Ratio	Lower	Upper
168	100		
139	38.4	33.0	49.6
169	13.2	11.3	16.9

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11/13/2018 11:16:26 AM

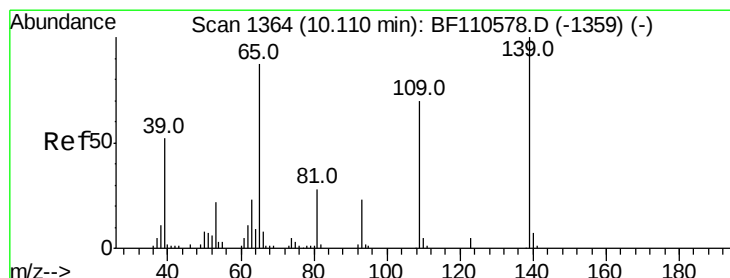
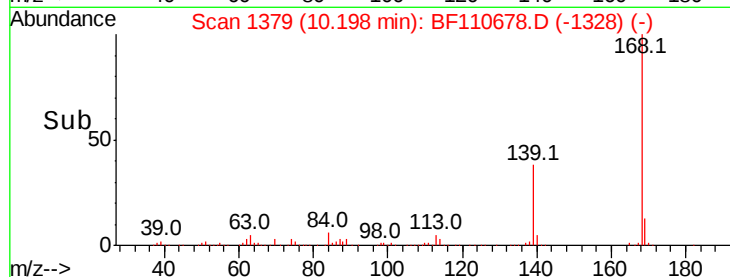
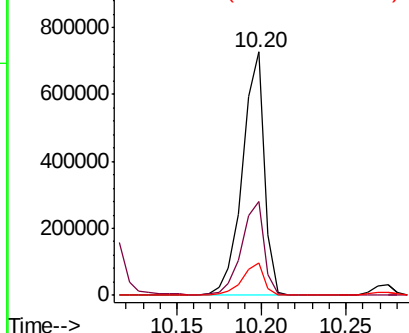


Abundance

Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



#56
4-Nitrophenol
Concen: 72.783 ng
RT: 10.12 min Scan# 1365
Delta R.T. 0.01 min
Lab File: BF110678.D
Acq: 12 Nov 2018 17:00

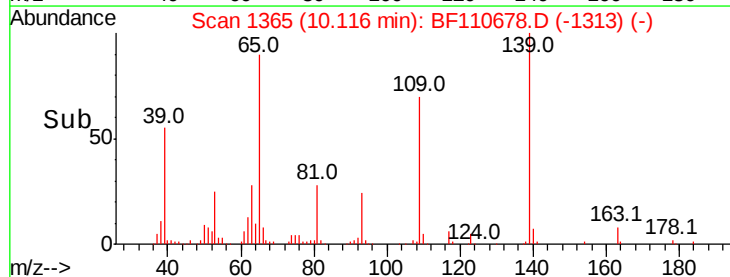
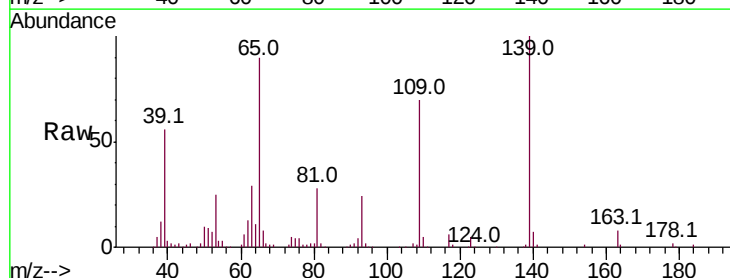
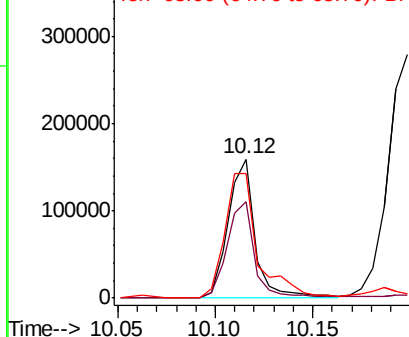
Tgt Ion	Ratio	Lower	Upper
139	100		
109	69.6	55.8	95.8
65	89.7	77.9	117.9

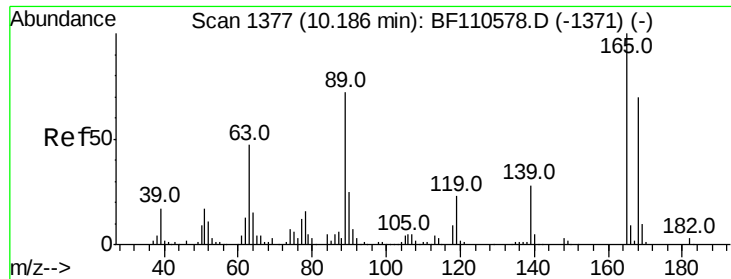
Abundance

Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF1





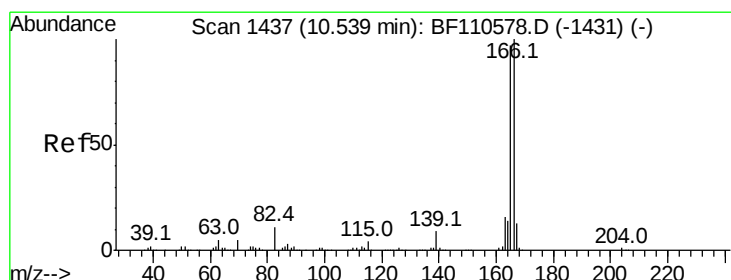
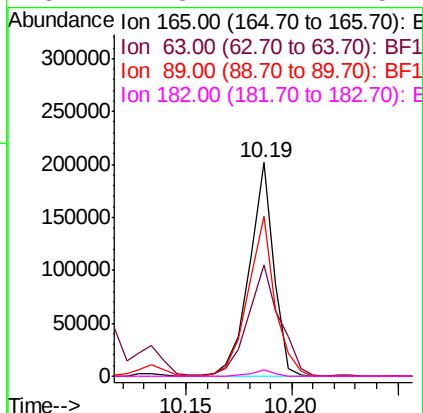
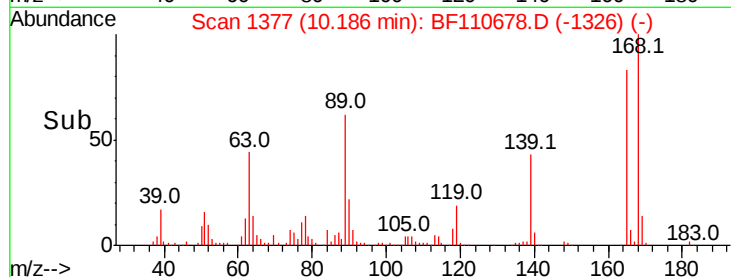
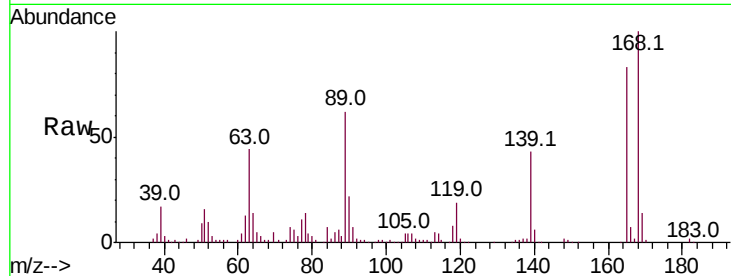
#57
2,4-Dinitrotoluene
Concen: 45.774 ng
RT: 10.19 min Scan# 1377
Delta R.T. 0.00 min
Lab File: BF110678.D
Acq: 12 Nov 2018 17:00

Instrument :
BNA_F
ClientSampleId :
SB-12-DMS

Tot Ion	Ratio	Resp	Lower	Upper
165	100	162989		
63	52.4		44.8	67.2
89	74.7		62.2	93.4
182	2.8		2.1	3.1

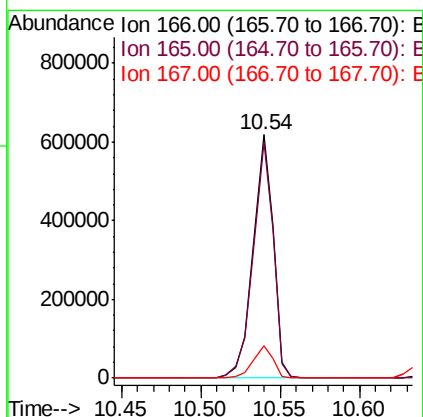
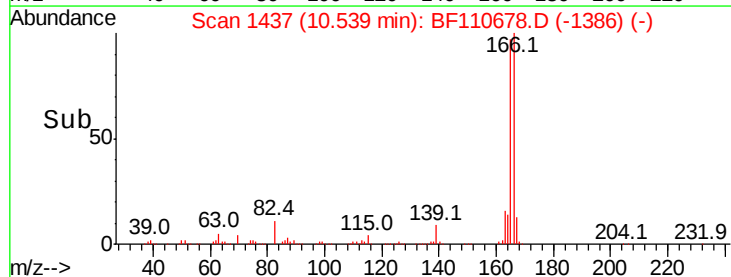
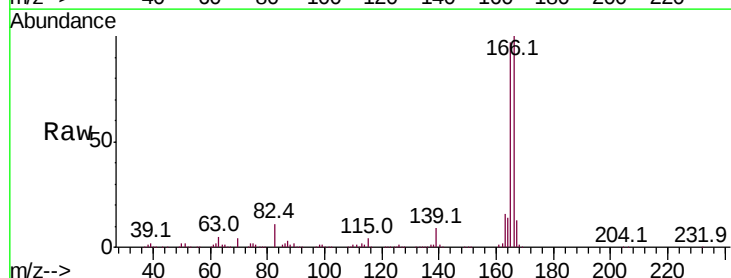
Manual Integrations
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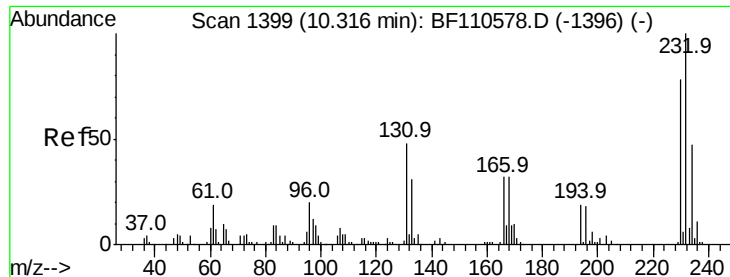
Sohil
11/13/2018 11:16:26 AM



#58
Fluorene
Concen: 47.527 ng
RT: 10.54 min Scan# 1437
Delta R.T. 0.00 min
Lab File: BF110678.D
Acq: 12 Nov 2018 17:00

Tgt Ion	Ratio	Resp	Lower	Upper
166	100	545036		
165	96.7		78.6	117.8
167	13.2		10.8	16.2





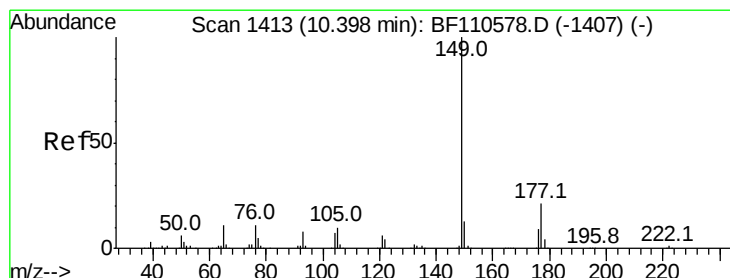
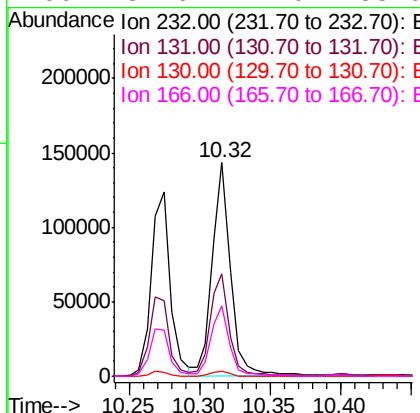
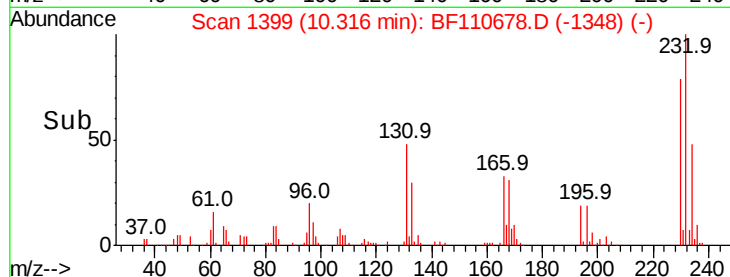
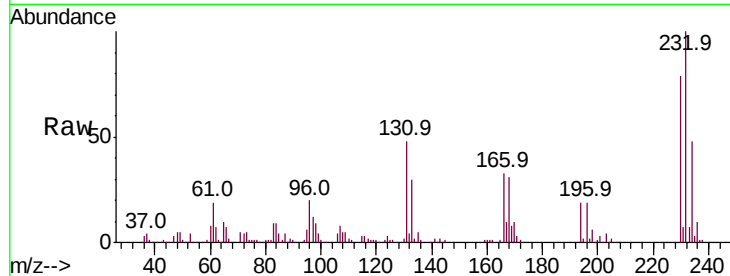
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 46.640 ng
 RT: 10.32 min Scan# 1399
 Delta R.T. 0.00 min
 Lab File: BF110678.D
 Acq: 12 Nov 2018 17:00

Instrument :
 BNA_F
 ClientSampleId :
 SB-12-DMS

Tot Ion	Ratio	Resp	Lower	Upper
232	100	129885		
131	48.9		37.0	55.4
130	2.4		1.8	2.6
166	32.6		22.0	33.0

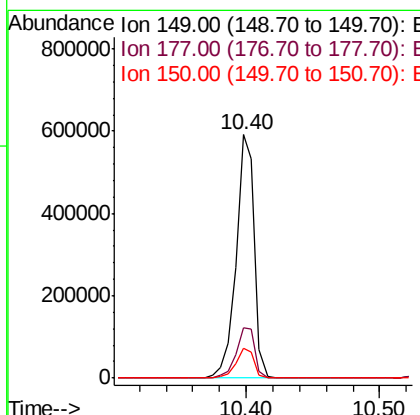
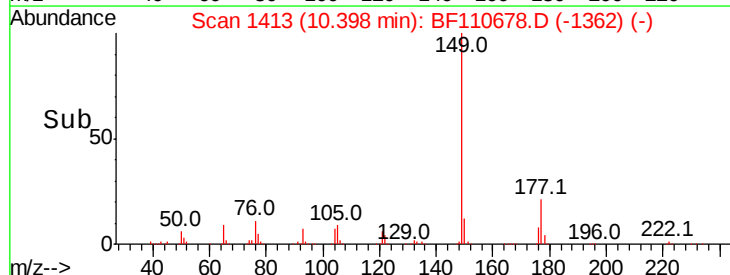
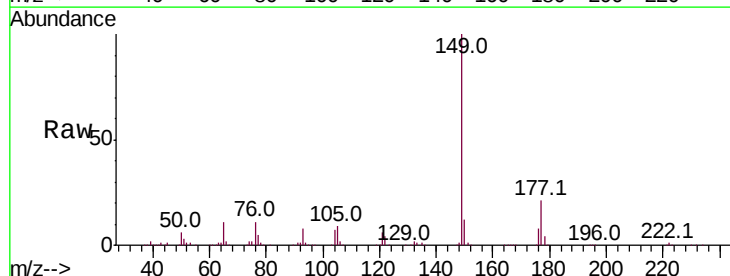
Manual Integrations
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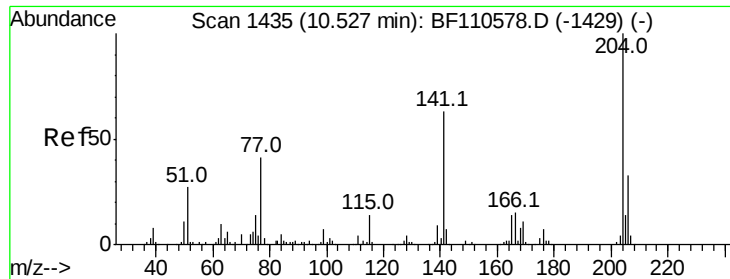
Sohil
 11/13/2018 11:16:26 AM



#60
 Diethylphthalate
 Concen: 45.521 ng
 RT: 10.40 min Scan# 1413
 Delta R.T. 0.00 min
 Lab File: BF110678.D
 Acq: 12 Nov 2018 17:00

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	560641		
177	20.7		17.4	26.2
150	12.4		9.8	14.8





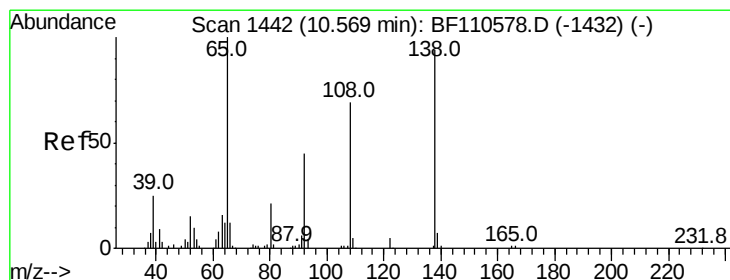
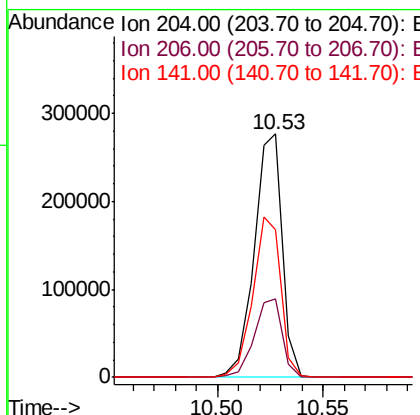
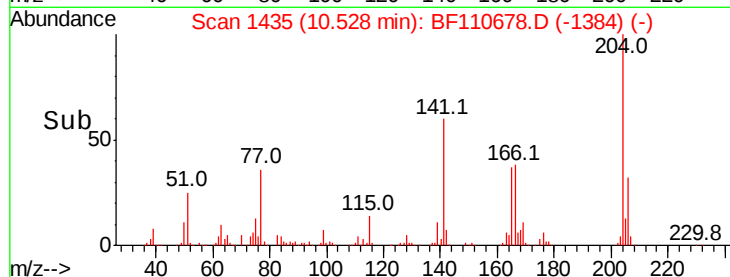
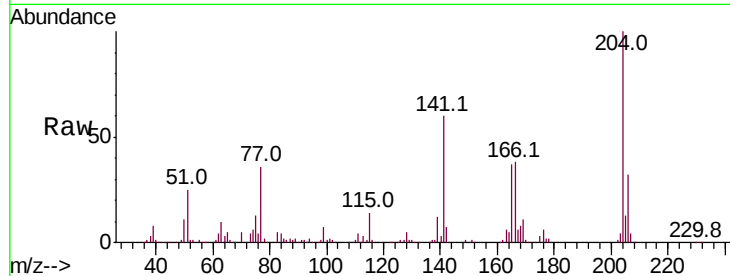
#61
4-Chlorophenyl-phenylether
Concen: 43.030 ng
RT: 10.53 min Scan# 1435
Delta R.T. 0.00 min
Lab File: BF110678.D
Acq: 12 Nov 2018 17:00

Instrument :
BNA_F
ClientSampleId :
SB-12-DMS

Tot Ion:	204	Resp:	255503
Ion Ratio	Lower	Upper	
204	100		
206	32.2	26.5	39.7
141	60.5	51.8	77.8

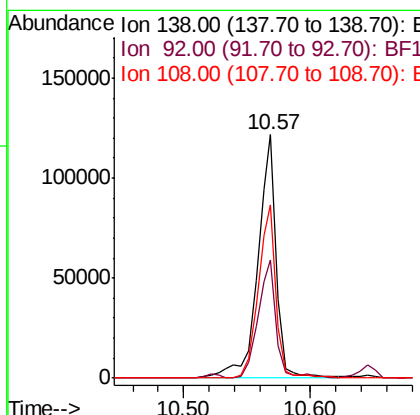
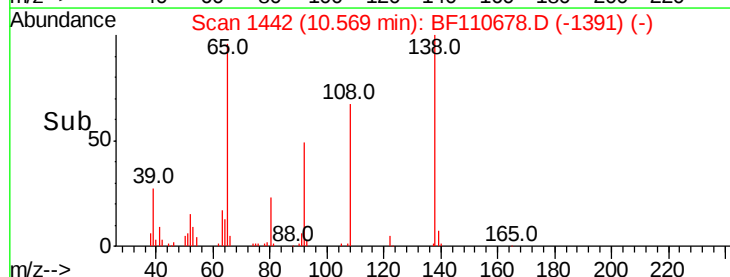
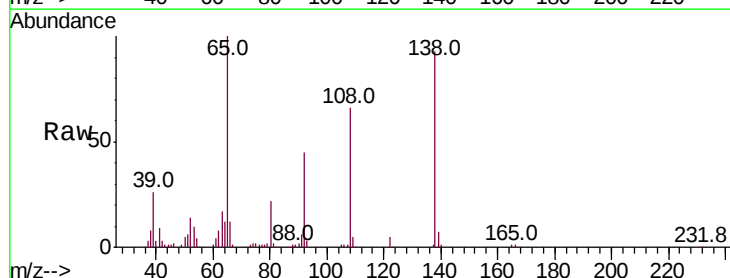
Manual Integrations
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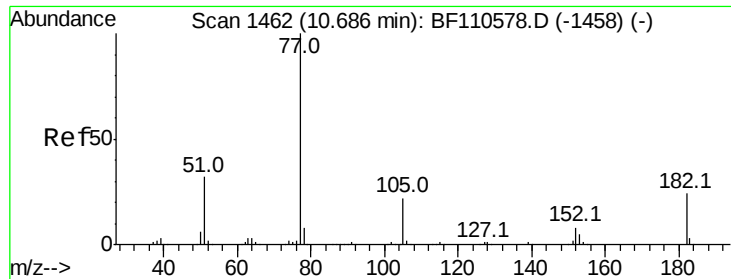
Sohil
11/13/2018 11:16:26 AM



#62
4-Nitroaniline
Concen: 39.161 ng
RT: 10.57 min Scan# 1442
Delta R.T. 0.00 min
Lab File: BF110678.D
Acq: 12 Nov 2018 17:00

Tgt Ion:	138	Resp:	125117
Ion Ratio	Lower	Upper	
138	100		
92	48.5	31.7	71.7
108	71.0	59.3	99.3





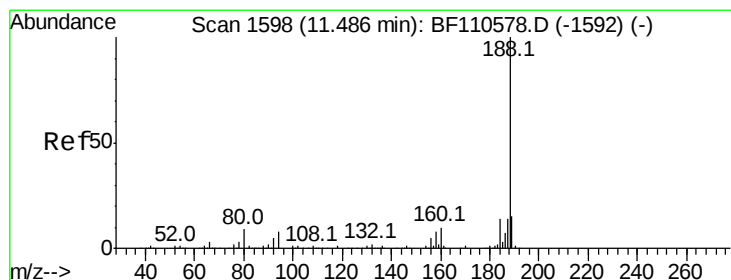
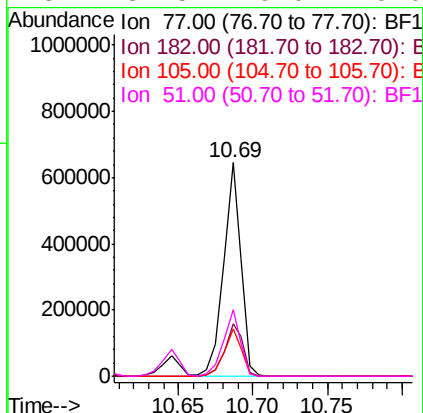
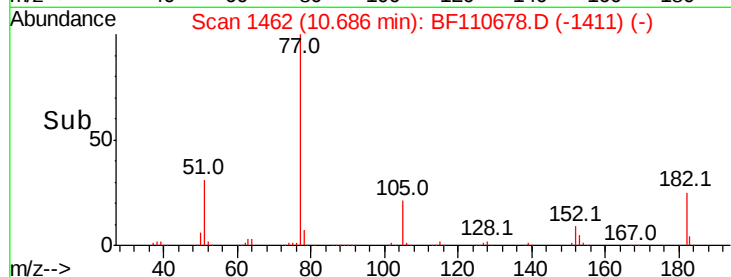
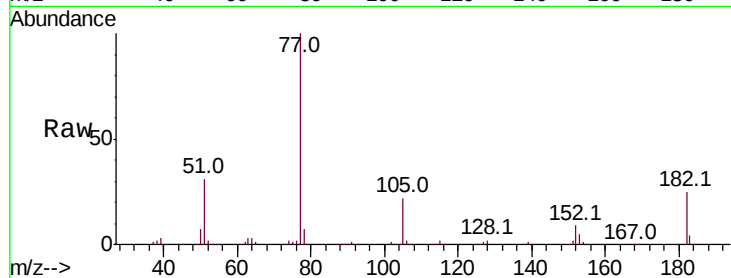
#63
Azobenzene
Concen: 44.554 ng
RT: 10.69 min Scan# 1462
Delta R.T. 0.00 min
Lab File: BF110678.D
Acq: 12 Nov 2018 17:00

Instrument :
BNA_F
ClientSampleId :
SB-12-DMS

Tot Ion	Ratio	Resp	Lower	Upper
77	100			
182	24.6	4.3	44.3	
105	22.0	1.3	41.3	
51	31.5	9.0	49.0	

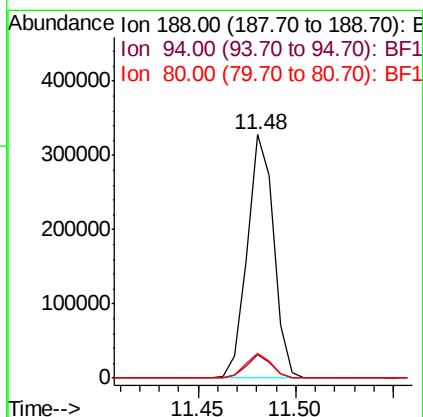
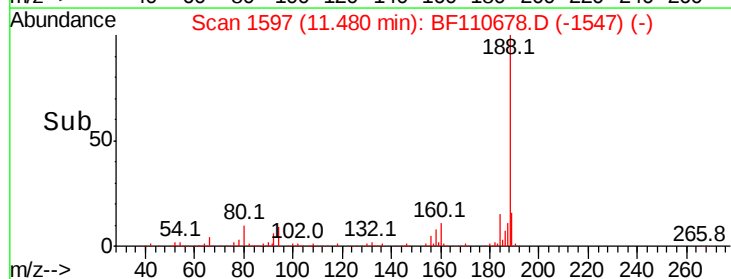
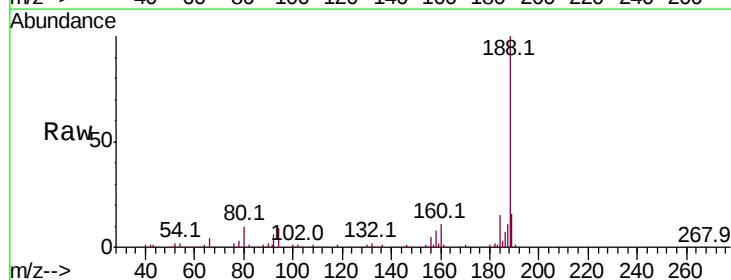
Manual Integrations
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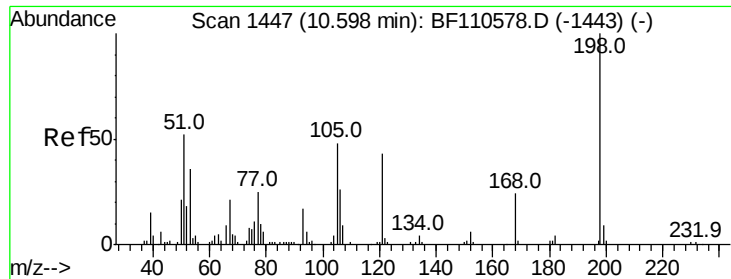
Sohil
11/13/2018 11:16:26 AM



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.48 min Scan# 1597
Delta R.T. -0.01 min
Lab File: BF110678.D
Acq: 12 Nov 2018 17:00

Tgt Ion	Ratio	Resp	Lower	Upper
188	100			
94	9.5	7.2	10.8	
80	10.4	7.9	11.9	





#65

4,6-Dinitro-2-methylphenol

Concen: 29.982 ng

RT: 10.60 min Scan# 1447

Delta R.T. 0.00 min

Lab File: BF110678.D

Acq: 12 Nov 2018 17:00

Instrument :

BNA_F

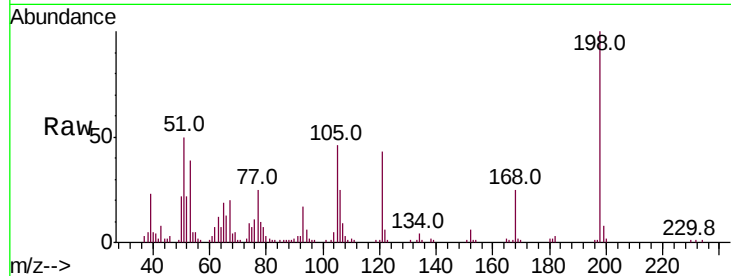
ClientSampled :

SB-12-DMS

Tot Ion	Ratio	Resp	Lower	Upper
198	100	46561		
51	50.1	22.8	62.8	
105	45.9	23.6	63.6	

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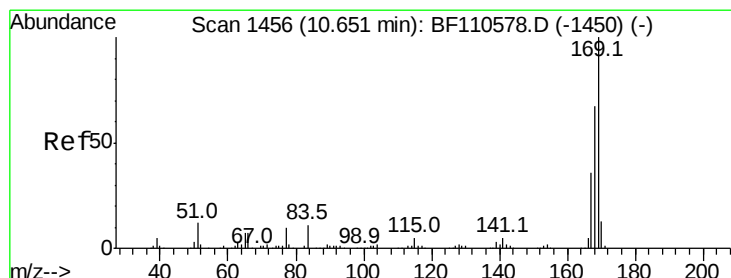
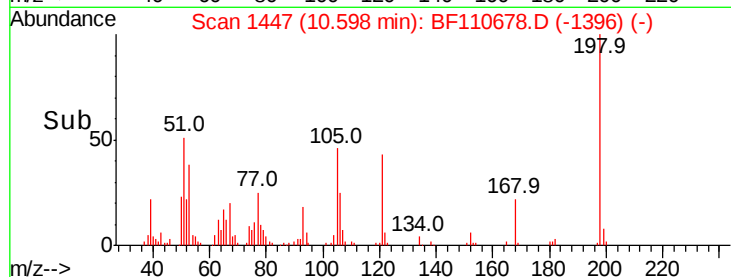
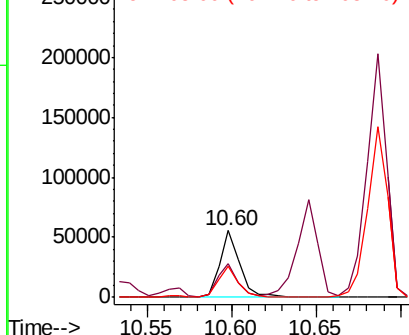


Abundance

Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF1

Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 44.482 ng

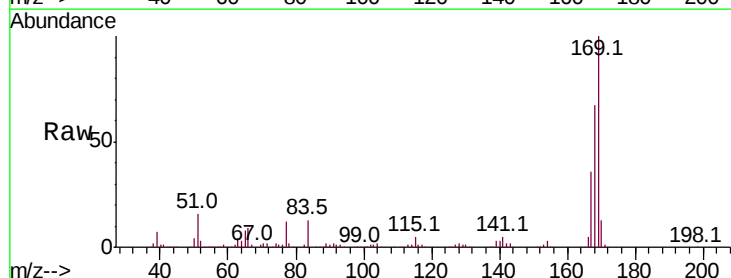
RT: 10.65 min Scan# 1455

Delta R.T. -0.01 min

Lab File: BF110678.D

Acq: 12 Nov 2018 17:00

Tgt Ion	Ratio	Resp	Lower	Upper
169	100	461994		
168	67.4	51.2	76.8	
167	36.5	27.8	41.6	

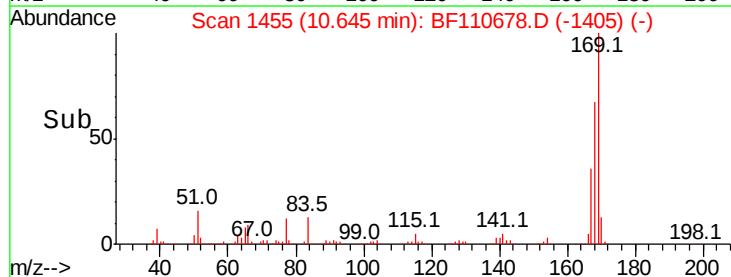
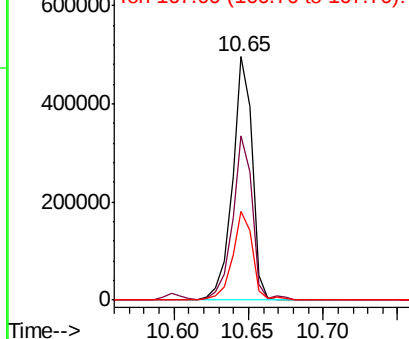


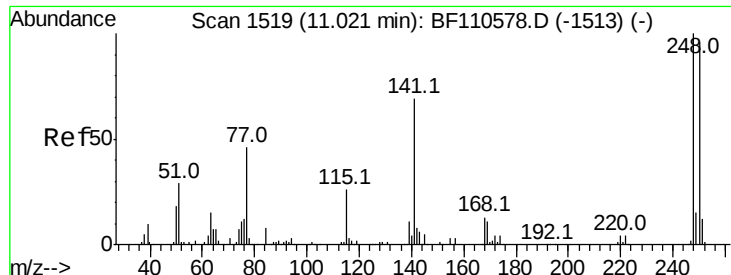
Abundance

Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E





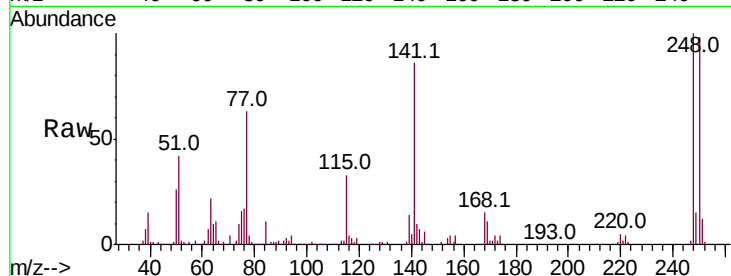
#67
4-Bromophenyl-phenylether
Concen: 43.402 ng
RT: 11.02 min Scan# 1518
Delta R.T. -0.01 min
Lab File: BF110678.D
Acq: 12 Nov 2018 17:00

Instrument :
BNA_F
ClientSampled :
SB-12-DMS

Tot Ion	Ratio	Lower	Upper
248	100		
250	98.4	79.4	119.2
141	86.0	55.9	83.9

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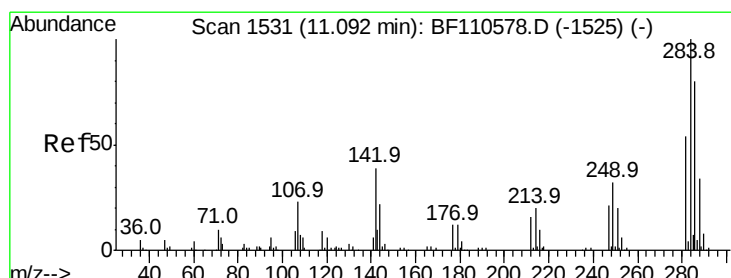
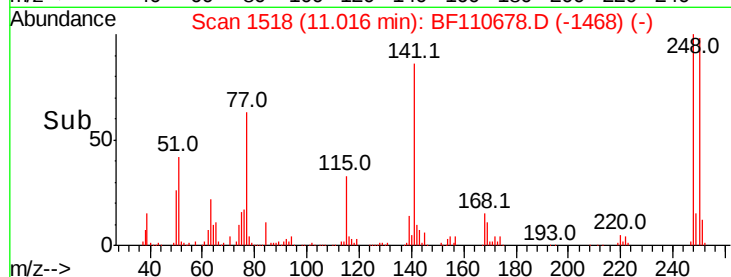
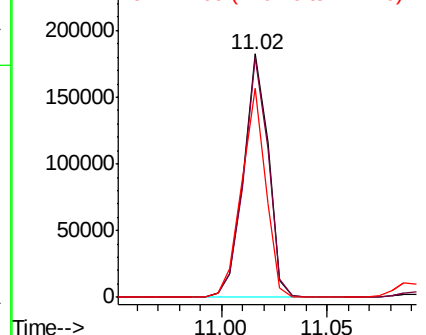


Abundance

Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



#68
Hexachlorobenzene
Concen: 44.487 ng
RT: 11.09 min Scan# 1531
Delta R.T. 0.00 min
Lab File: BF110678.D
Acq: 12 Nov 2018 17:00

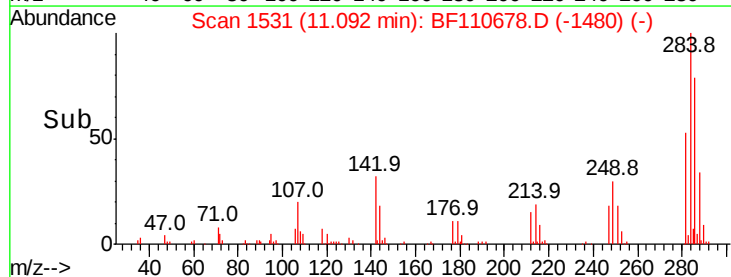
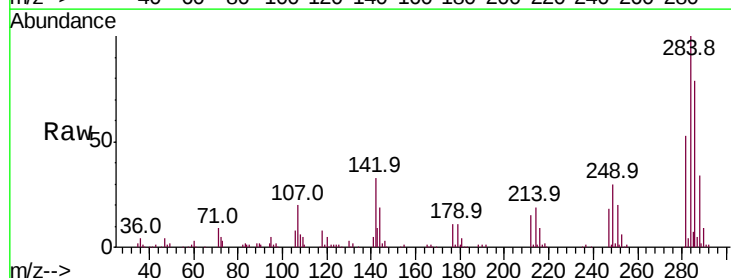
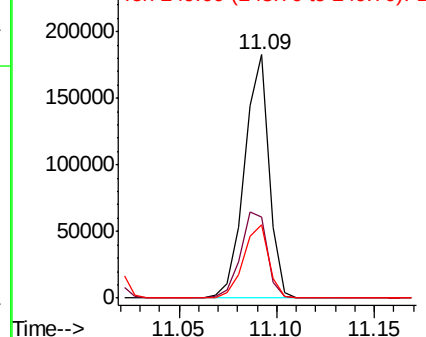
Tgt Ion	Ratio	Lower	Upper
284	100		
142	33.3	23.9	35.9
249	30.2	24.2	36.2

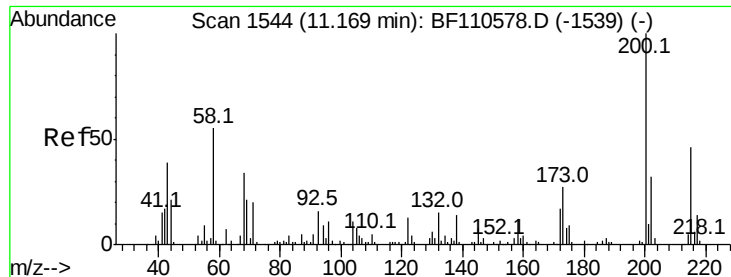
Abundance

Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E





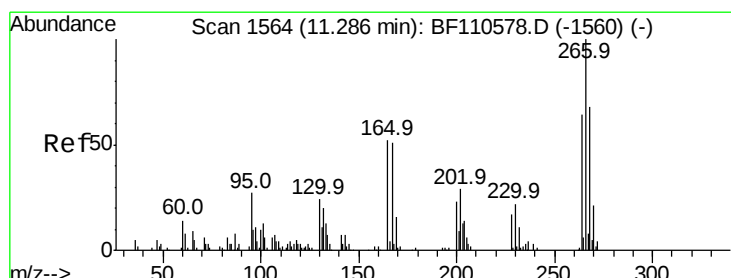
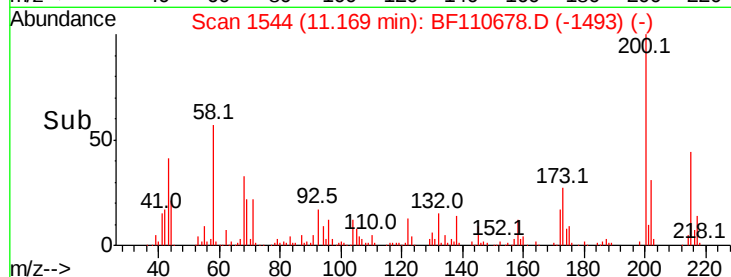
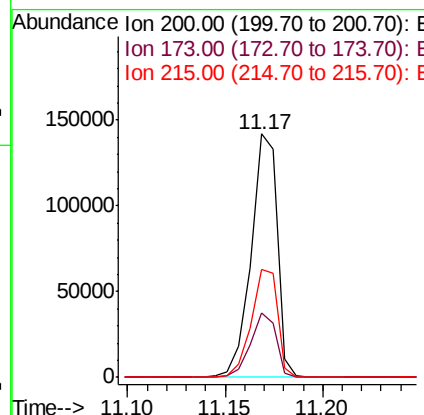
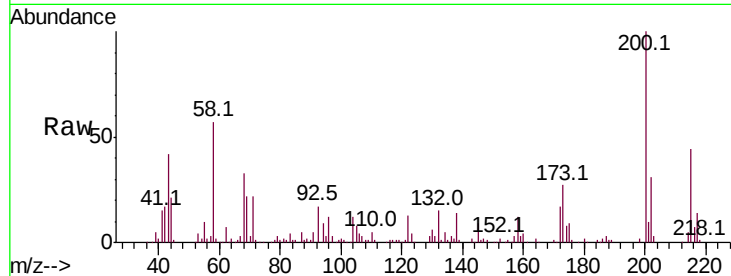
#69
Atrazine
Concen: 41.540 ng
RT: 11.17 min Scan# 1544
Delta R.T. 0.00 min
Lab File: BF110678.D
Acq: 12 Nov 2018 17:00

Instrument :
BNA_F
ClientSampleId :
SB-12-DMS

Tot Ion	Ratio	Resp Lower	Resp Upper
200	100		
173	26.6	6.6	46.6
215	44.5	26.3	66.3

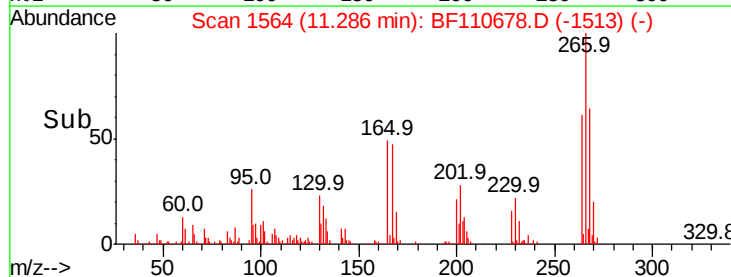
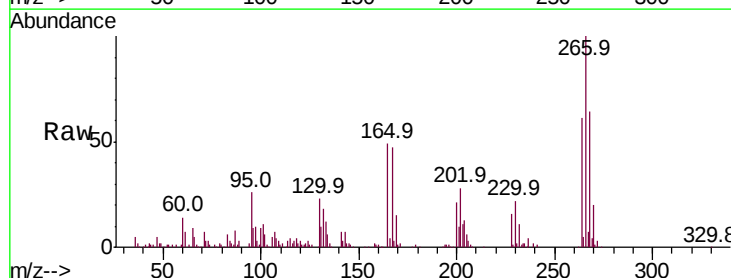
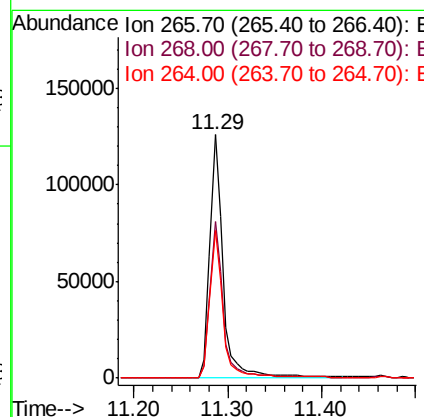
Manual Integrations
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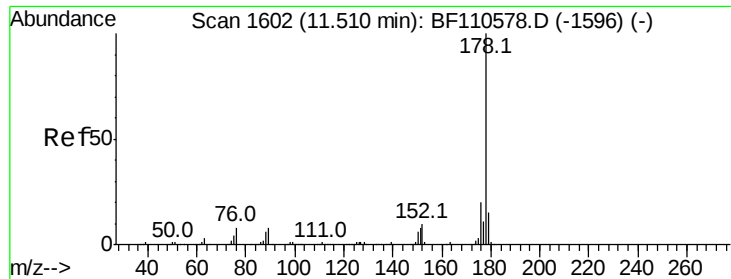
Sohil
11/13/2018 11:16:26 AM



#70
Pentachlorophenol
Concen: 66.328 ng
RT: 11.29 min Scan# 1564
Delta R.T. 0.00 min
Lab File: BF110678.D
Acq: 12 Nov 2018 17:00

Tgt Ion	Ratio	Resp Lower	Resp Upper
266	100		
268	64.4	50.6	75.8
264	60.9	50.6	75.8





#71

Phenanthrene

Concen: 46.846 ng

RT: 11.51 min Scan# 1602

Delta R.T. 0.00 min

Lab File: BF110678.D

Acq: 12 Nov 2018 17:00

Instrument :

BNA_F

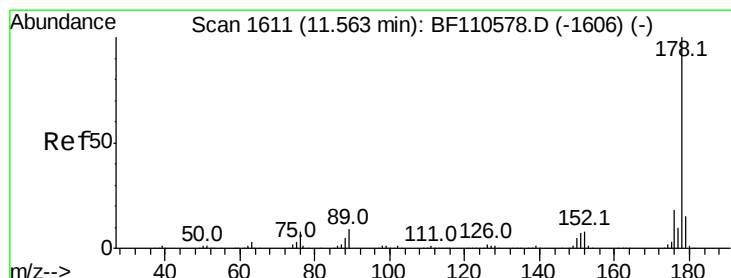
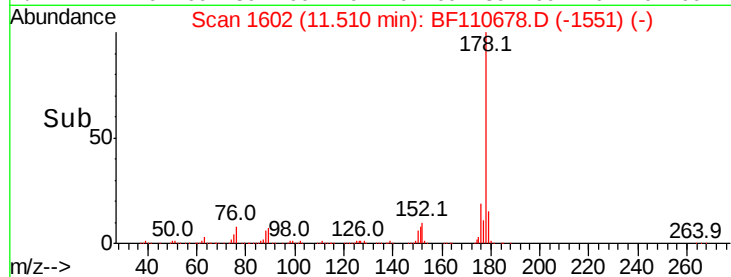
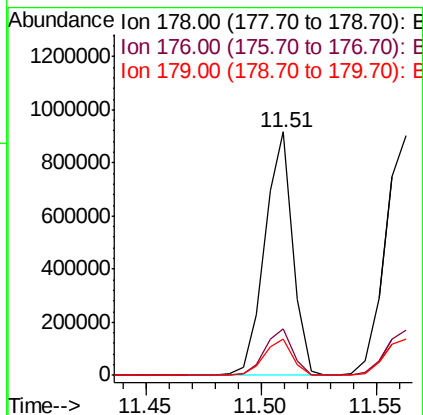
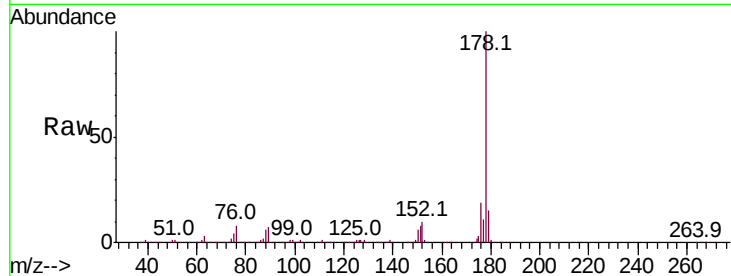
ClientSampleId :

SB-12-DMS

Tot Ion:178	Resp:	773347
Ion Ratio	Lower	Upper
178	100	
176	19.2	15.5 23.3
179	15.2	12.5 18.7

Manual Integrations
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11/13/2018 11:16:26 AM



#72

Anthracene

Concen: 48.256 ng

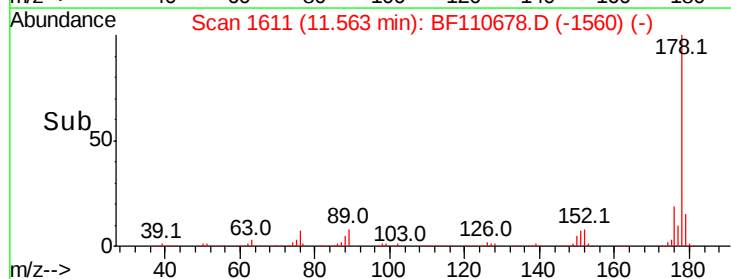
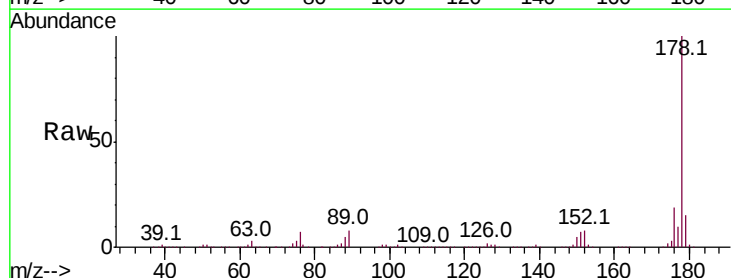
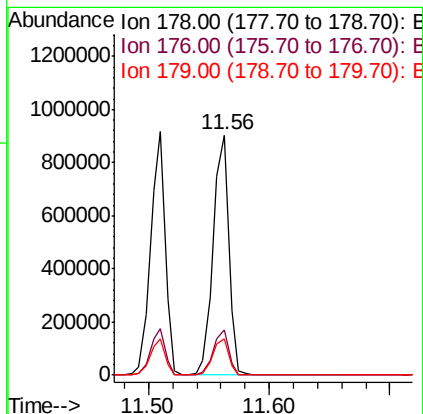
RT: 11.56 min Scan# 1611

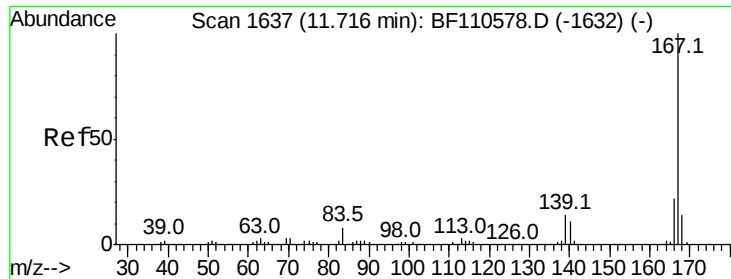
Delta R.T. 0.00 min

Lab File: BF110678.D

Acq: 12 Nov 2018 17:00

Tgt Ion:178	Resp:	803597
Ion Ratio	Lower	Upper
178	100	
176	18.6	15.4 23.2
179	15.2	12.6 18.8





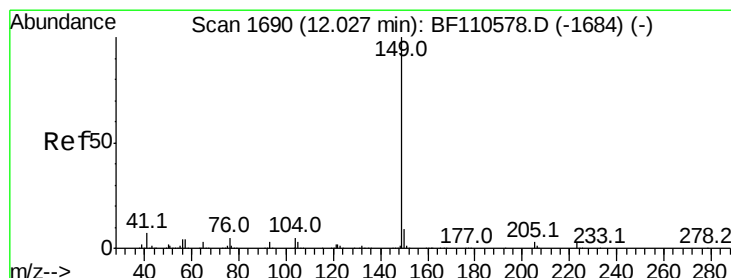
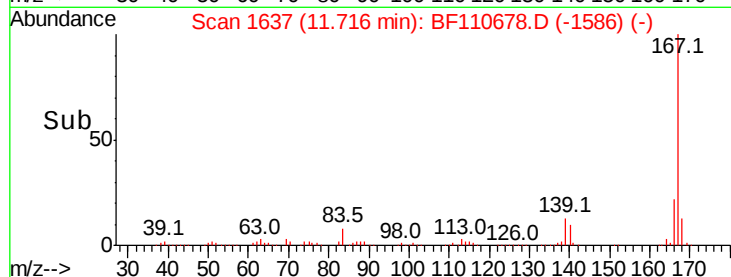
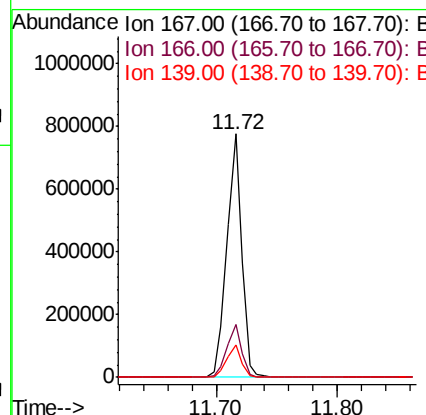
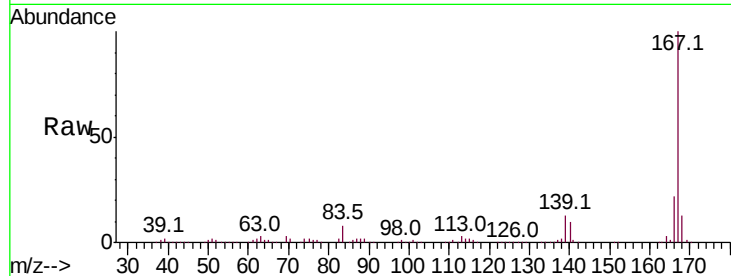
#73
 Carbazole
 Concen: 41.258 ng
 RT: 11.72 min Scan# 1637
 Delta R.T. 0.00 min
 Lab File: BF110678.D
 Acq: 12 Nov 2018 17:00

Instrument :
 BNA_F
 ClientSampled :
 SB-12-DMS

Tot Ion	Ratio	Resp	Lower	Upper
167	100	659837		
166	21.6		17.4	26.0
139	13.4		10.9	16.3

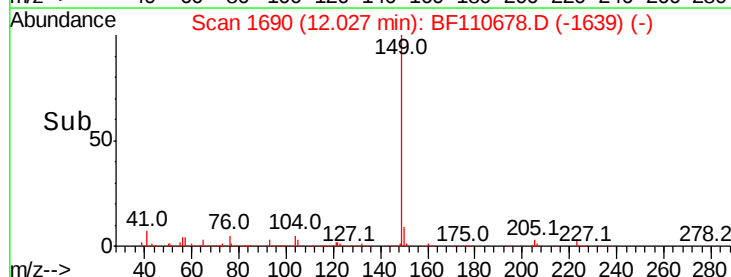
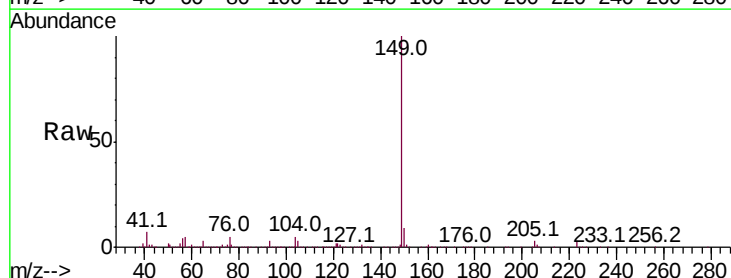
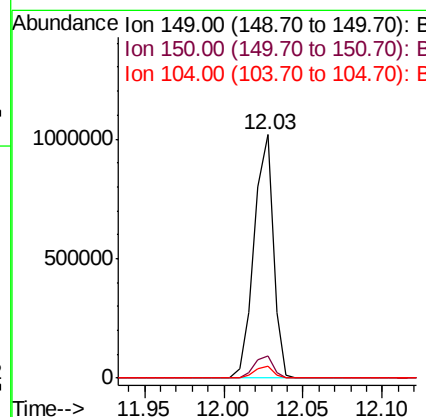
Manual Integrations
 APPROVED

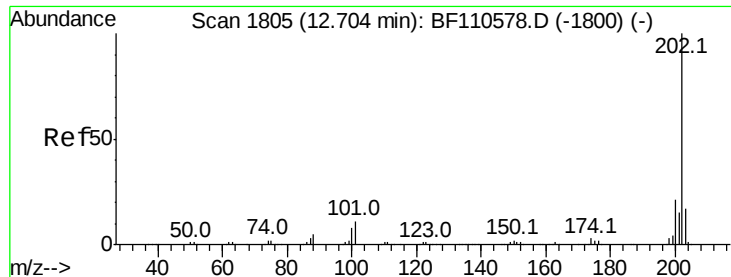
Sohil
 11/13/2018 11:16:26 AM



#74
 Di-n-butylphthalate
 Concen: 45.621 ng
 RT: 12.03 min Scan# 1690
 Delta R.T. 0.00 min
 Lab File: BF110678.D
 Acq: 12 Nov 2018 17:00

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	855590		
150	9.1		7.7	11.5
104	5.0		4.2	6.4





#75

Fluoranthene

Concen: 45.065 ng

RT: 12.70 min Scan# 1805

Delta R.T. 0.00 min

Lab File: BF110678.D

Acq: 12 Nov 2018 17:00

Instrument :

BNA_F

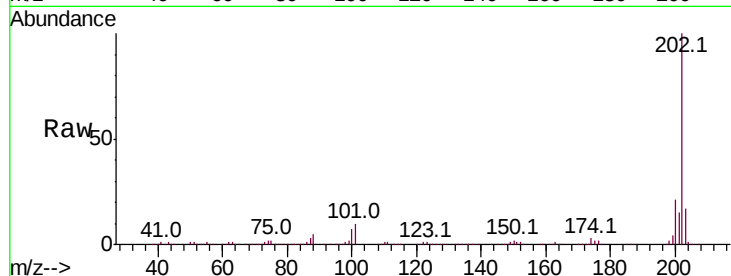
ClientSampleId :

SB-12-DMS

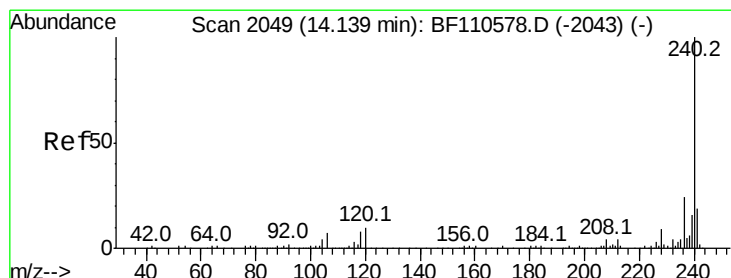
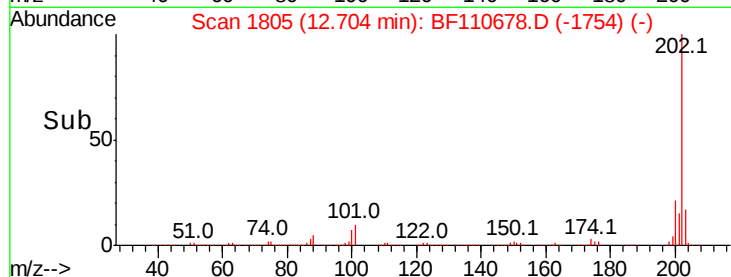
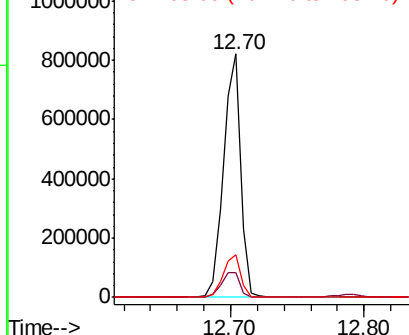
Tot Ion	Ratio	Resp Lower	Upper
202	100		
101	9.9	0.0	31.4
203	17.3	0.0	37.7

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



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.13 min Scan# 2048

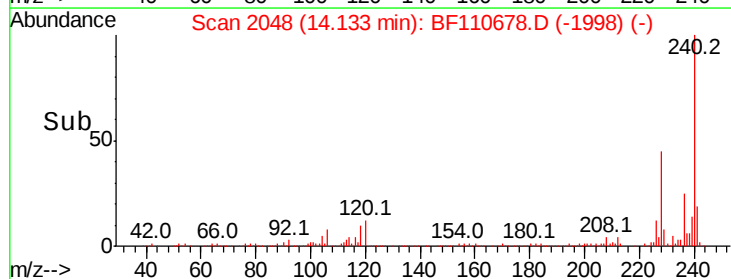
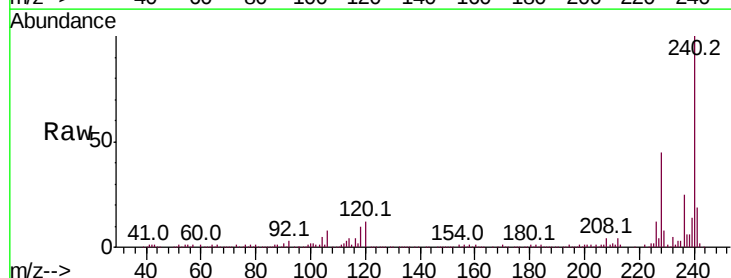
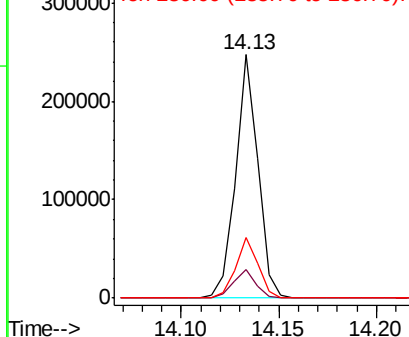
Delta R.T. -0.01 min

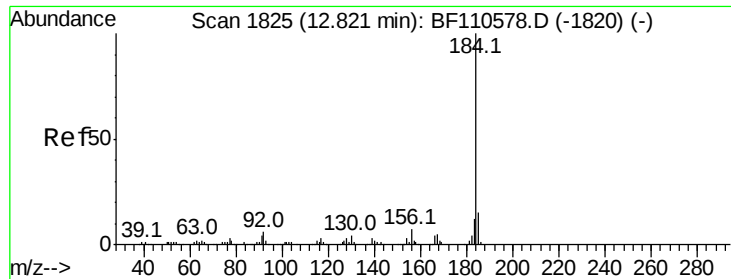
Lab File: BF110678.D

Acq: 12 Nov 2018 17:00

Tgt Ion	Ratio	Resp Lower	Upper
240	100		
120	11.5	8.3	12.5
236	24.9	21.2	31.8

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





#77

Benzidine

Concen: 37.007 ng

RT: 12.82 min Scan# 1825

Delta R.T. 0.00 min

Lab File: BF110678.D

Acq: 12 Nov 2018 17:00

Instrument :

BNA_F

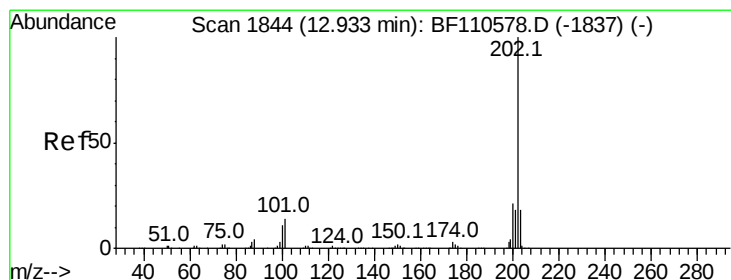
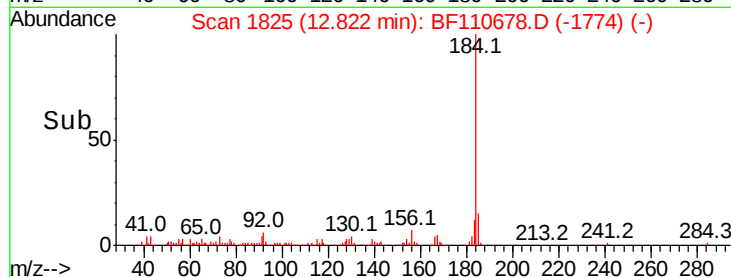
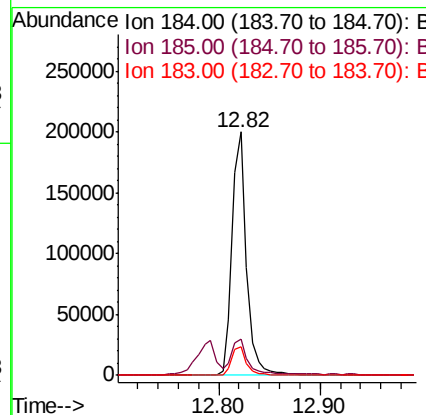
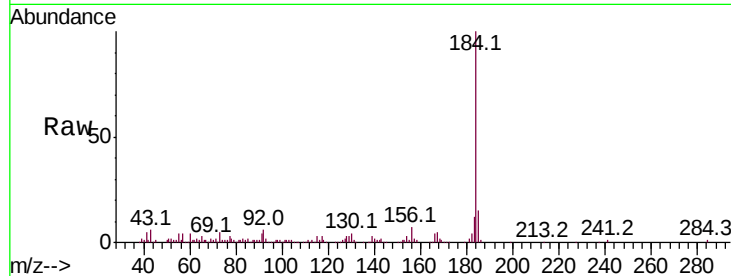
ClientSampled :

SB-12-DMS

Tot Ion:	184	Resp:	198926
Ion Ratio	Lower	Upper	
184	100		
185	14.9	13.4	20.2
183	11.9	9.4	14.2

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#78

Pyrene

Concen: 49.061 ng

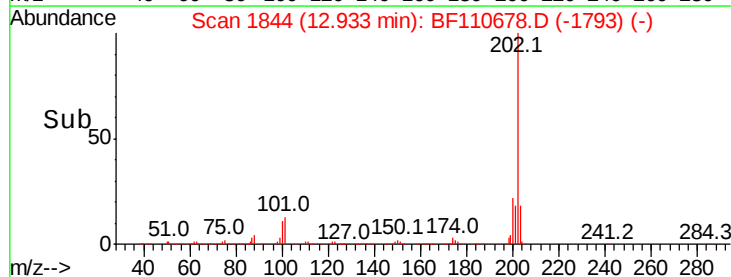
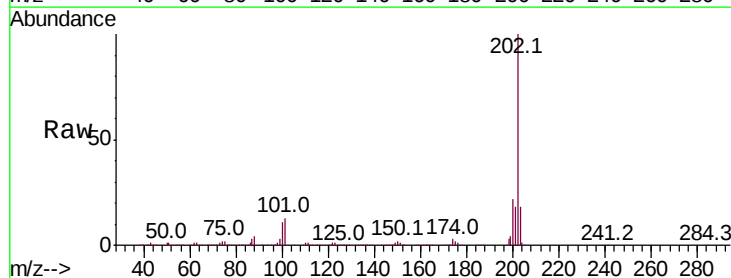
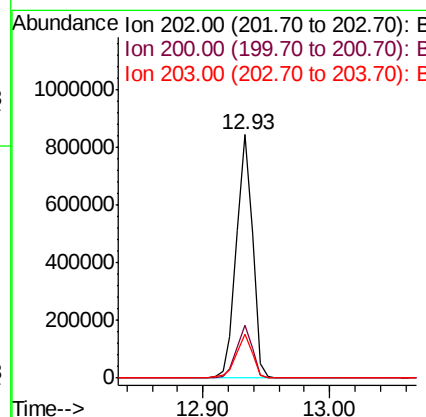
RT: 12.93 min Scan# 1844

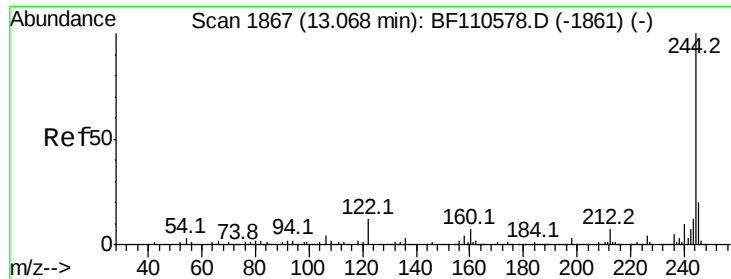
Delta R.T. 0.00 min

Lab File: BF110678.D

Acq: 12 Nov 2018 17:00

Tgt Ion:	202	Resp:	738383
Ion Ratio	Lower	Upper	
202	100		
200	21.6	17.8	26.6
203	17.9	14.2	21.4





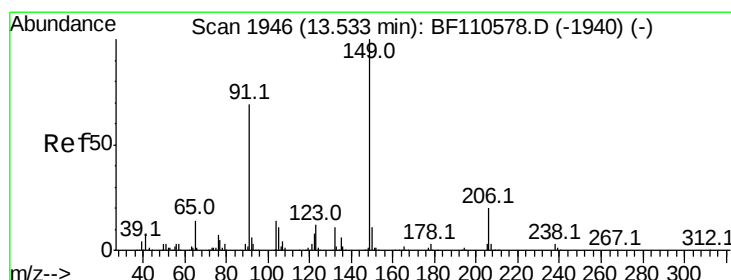
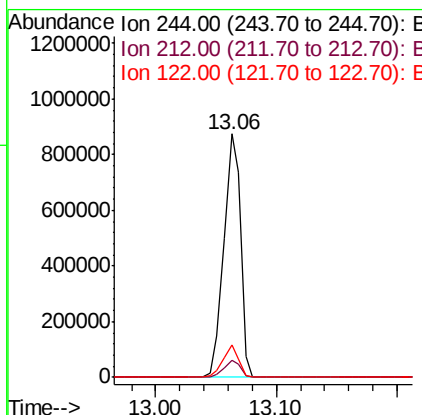
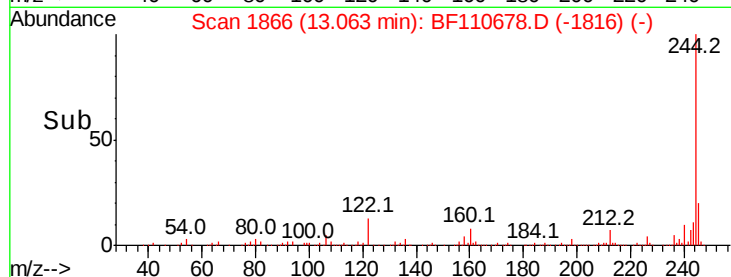
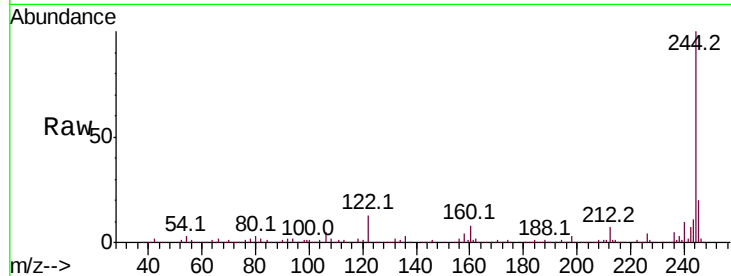
#79
 Terphenyl-d14
 Concen: 79.812 ng
 RT: 13.06 min Scan# 1866
 Delta R.T. -0.01 min
 Lab File: BF110678.D
 Acq: 12 Nov 2018 17:00

Instrument :
 BNA_F
 ClientSampled :
 SB-12-DMS

Tot Ion	Ratio	Lower	Upper
244	100		
212	7.2	5.8	8.8
122	13.2	8.7	13.1

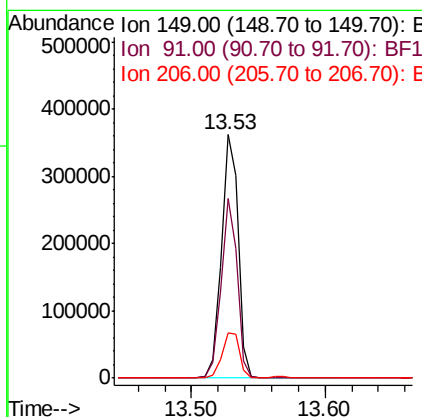
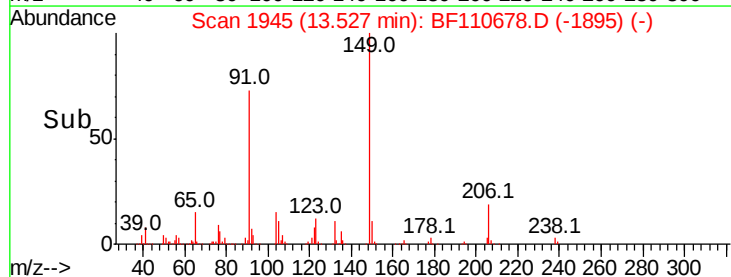
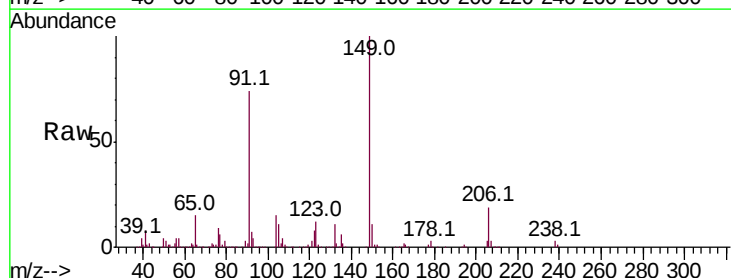
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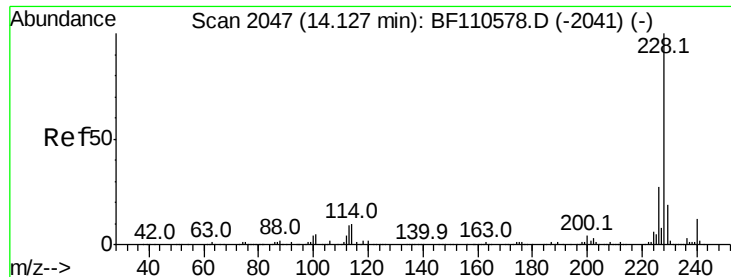
Sohil
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#80
 Butylbenzylphthalate
 Concen: 49.653 ng
 RT: 13.53 min Scan# 1945
 Delta R.T. -0.01 min
 Lab File: BF110678.D
 Acq: 12 Nov 2018 17:00

Tgt Ion	Ratio	Lower	Upper
149	100		
91	73.6	57.2	85.8
206	18.8	15.7	23.5





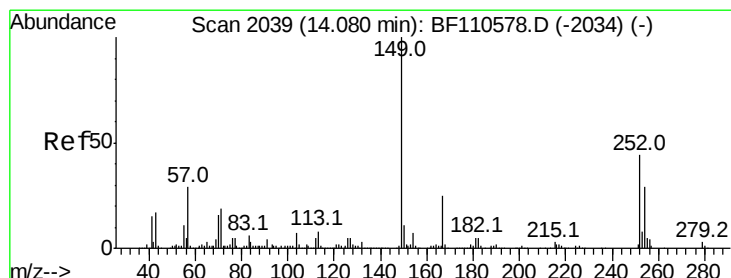
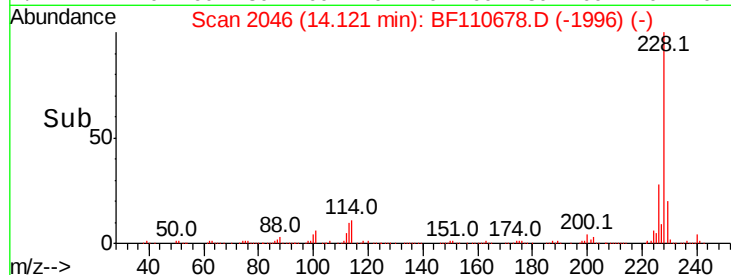
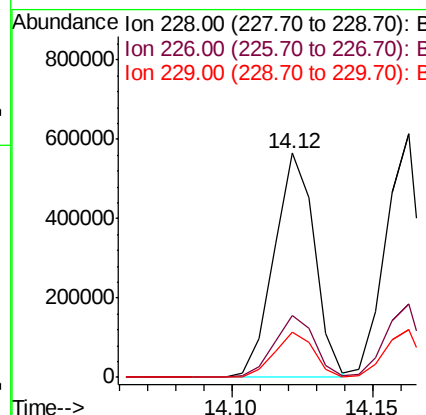
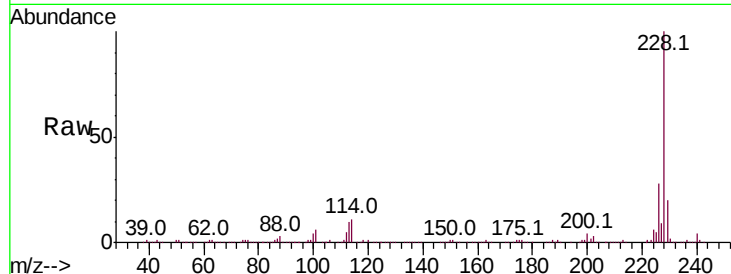
#81
Benzo(a)anthracene
Concen: 47.814 ng
RT: 14.12 min Scan# 2046
Delta R.T. -0.01 min
Lab File: BF110678.D
Acq: 12 Nov 2018 17:00

Instrument :
BNA_F
ClientSampleId :
SB-12-DMS

Tot Ion	Ratio	Lower	Upper
228	100		
226	27.6	22.1	33.1
229	19.9	15.6	23.4

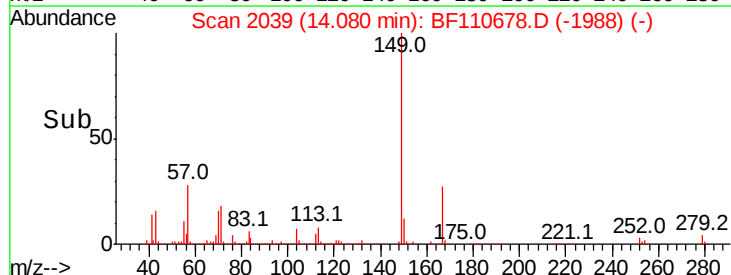
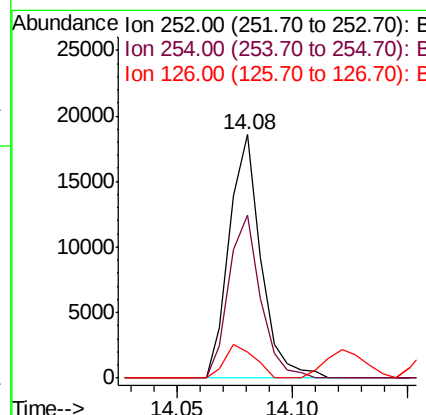
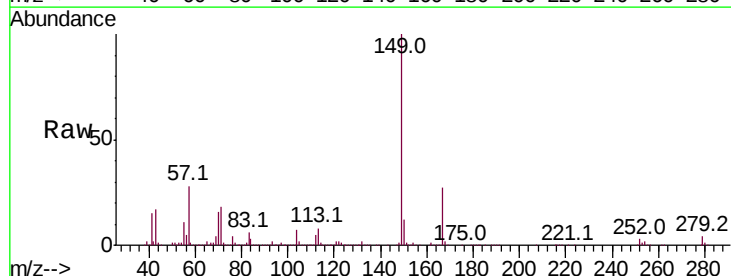
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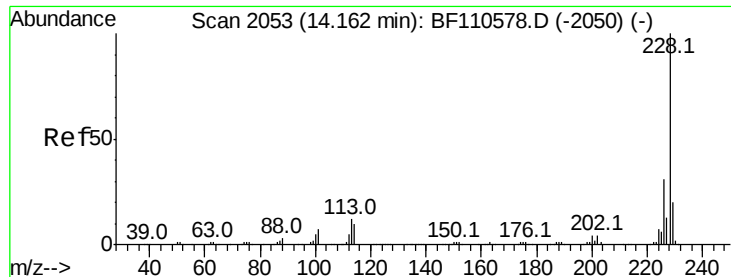
Sohil
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#82
3,3'-Dichlorobenzidine
Concen: 4.548 ng
RT: 14.08 min Scan# 2039
Delta R.T. 0.00 min
Lab File: BF110678.D
Acq: 12 Nov 2018 17:00

Tgt Ion	Ratio	Lower	Upper
252	100		
254	66.8	51.3	76.9
126	10.6	9.4	14.2





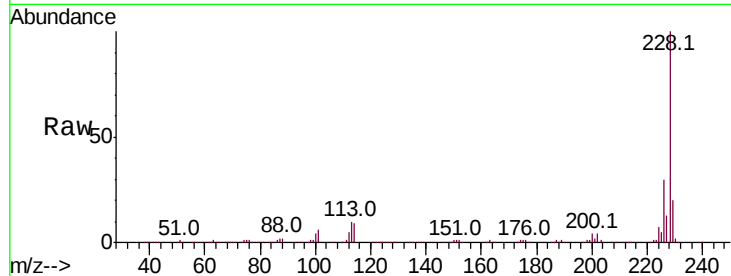
#83
Chrysene
Concen: 46.794 ng
RT: 14.16 min Scan# 2053
Delta R.T. 0.00 min
Lab File: BF110678.D
Acq: 12 Nov 2018 17:00

Instrument :
BNA_F
ClientSampleId :
SB-12-DMS

Tot Ion	Ratio	Lower	Upper
228	100		
226	29.9	24.7	37.1
229	19.6	15.9	23.9

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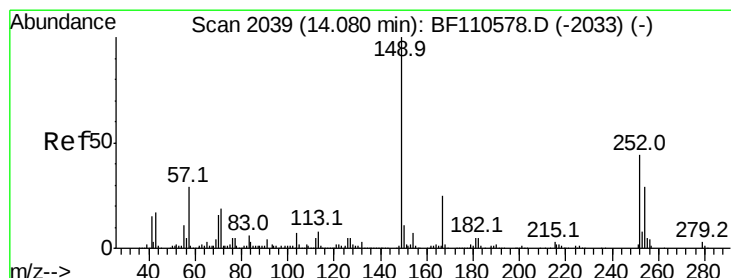
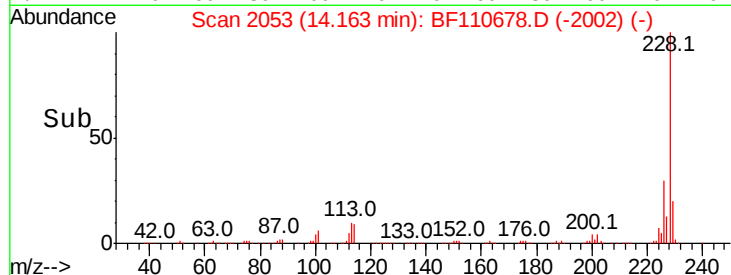
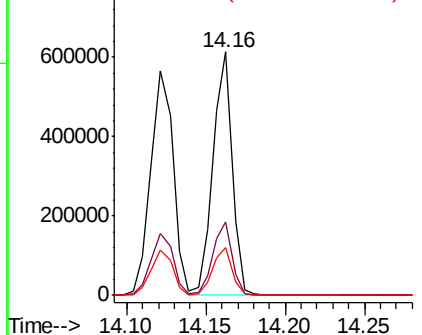


Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#84
Bis(2-ethylhexyl)phthalate
Concen: 56.315 ng
RT: 14.08 min Scan# 2039
Delta R.T. 0.00 min
Lab File: BF110678.D
Acq: 12 Nov 2018 17:00

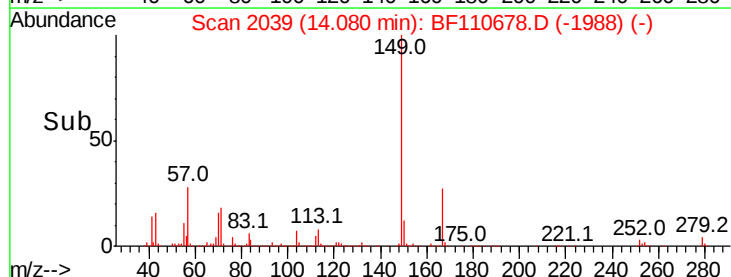
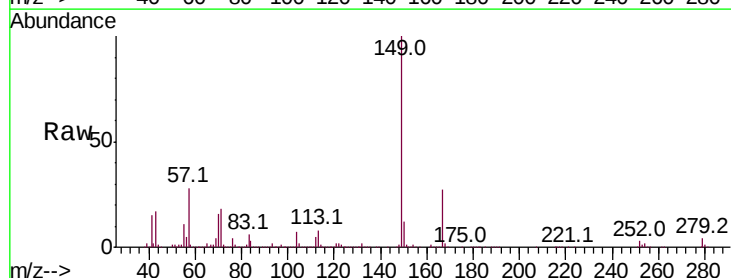
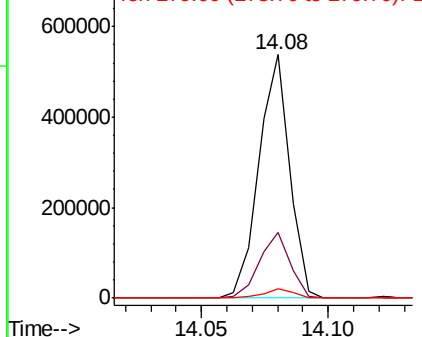
Tgt Ion	Ratio	Lower	Upper
149	100		
167	27.2	19.8	29.8
279	3.9	2.7	4.1

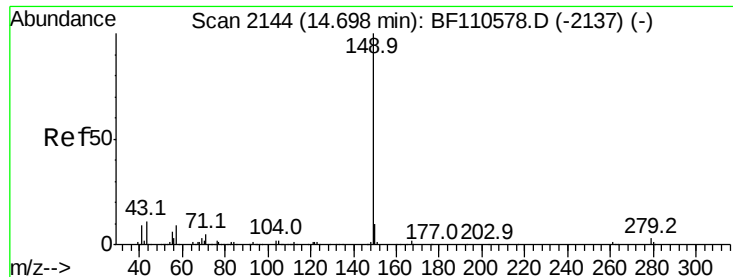
Abundance

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





#85

Di-n-octyl phthalate

Concen: 57.554 ng

RT: 14.70 min Scan# 2144

Delta R.T. 0.00 min

Lab File: BF110678.D

Acq: 12 Nov 2018 17:00

Instrument :

BNA_F

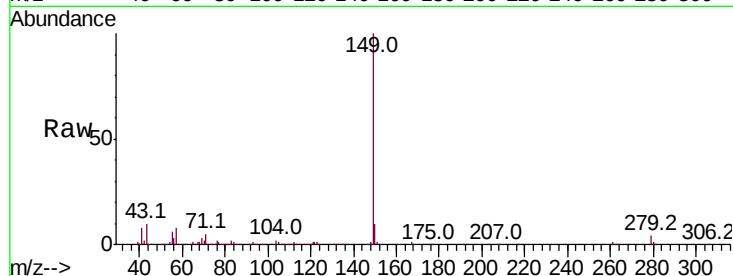
ClientSampled :

SB-12-DMS

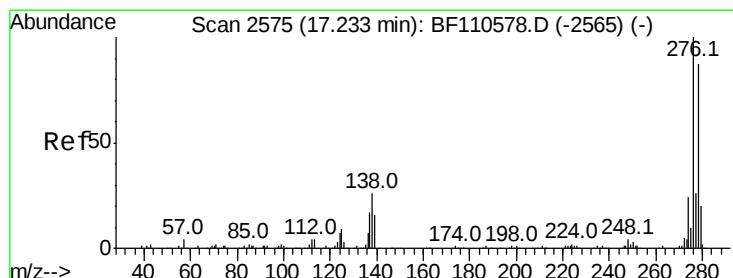
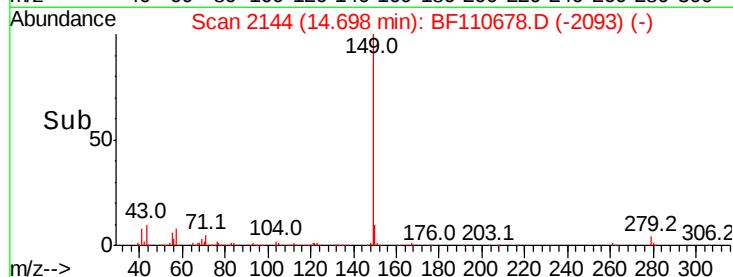
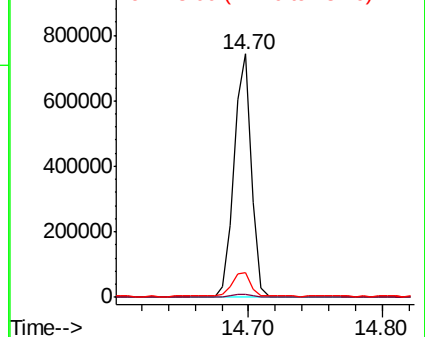
Tot Ion:	149	Resp:	680120
Ion Ratio	Lower	Upper	
149	100		
167	1.5	1.1	1.7
43	10.4	7.8	11.8

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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



#86

Indeno(1,2,3-cd)pyrene

Concen: 58.535 ng

RT: 17.24 min Scan# 2576

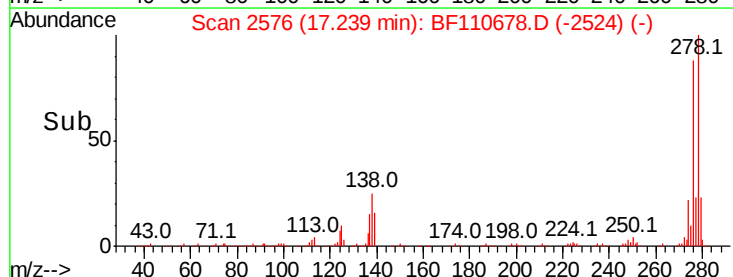
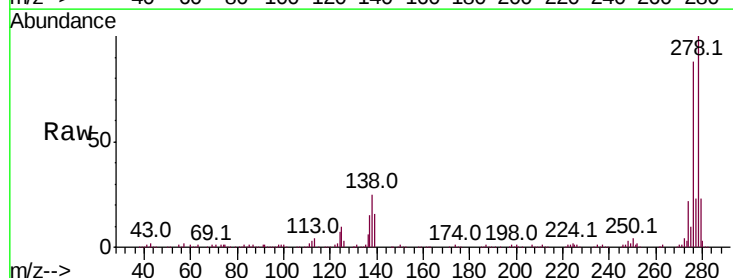
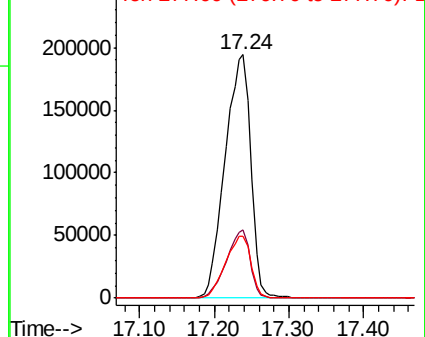
Delta R.T. 0.01 min

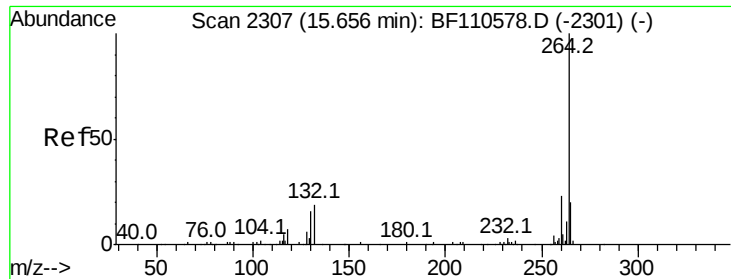
Lab File: BF110678.D

Acq: 12 Nov 2018 17:00

Tgt Ion:	276	Resp:	467535
Ion Ratio	Lower	Upper	
276	100		
138	26.0	18.5	27.7
277	25.2	20.0	30.0

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





#87

Pervlene-d12

Concen: 20.000 ng

RT: 15.66 min Scan# 2307

Delta R.T. 0.00 min

Lab File: BF110678.D

Acq: 12 Nov 2018 17:00

Instrument :

BNA_F

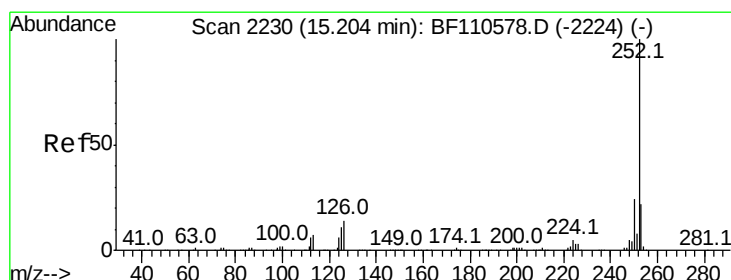
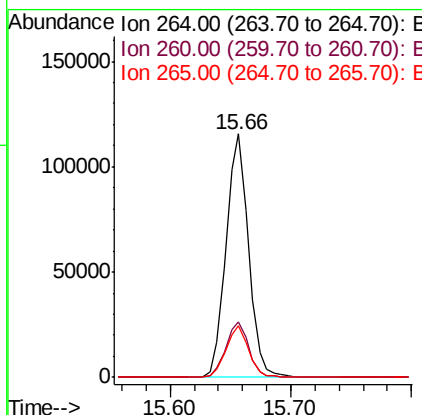
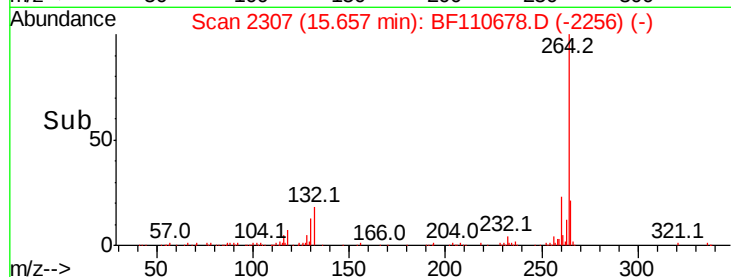
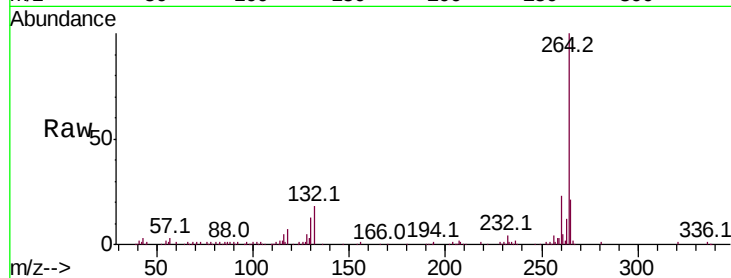
ClientSampleId :

SB-12-DMS

Tot Ion:	264	Resp:	149586
Ion Ratio	Lower	Upper	
264	100		
260	23.0	18.7	28.1
265	21.0	16.7	25.1

Manual Integrations
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#88

Benzo(b)fluoranthene

Concen: 46.954 ng

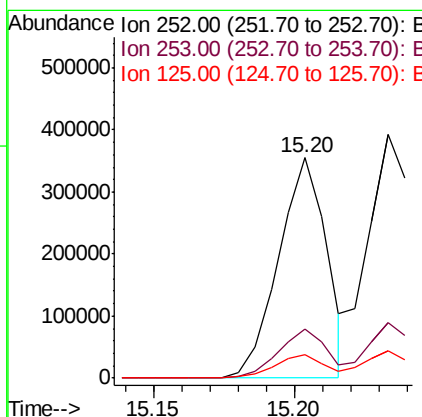
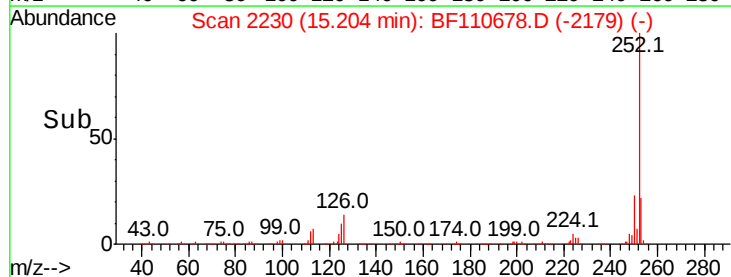
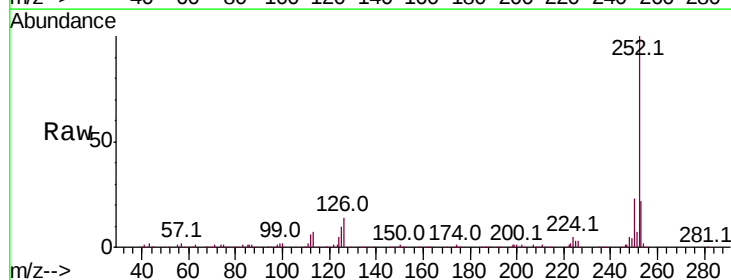
RT: 15.20 min Scan# 2230

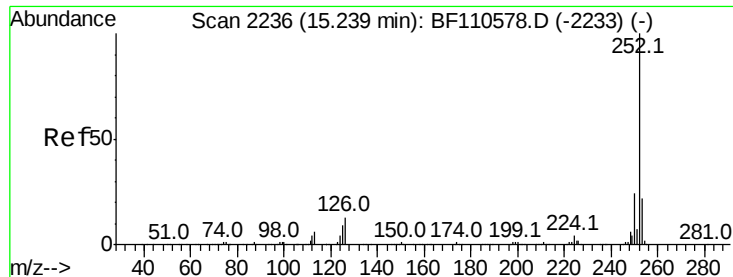
Delta R.T. 0.00 min

Lab File: BF110678.D

Acq: 12 Nov 2018 17:00

Tgt Ion:	252	Resp:	420181
Ion Ratio	Lower	Upper	
252	100		
253	22.1	17.2	25.8
125	10.5	8.2	12.4





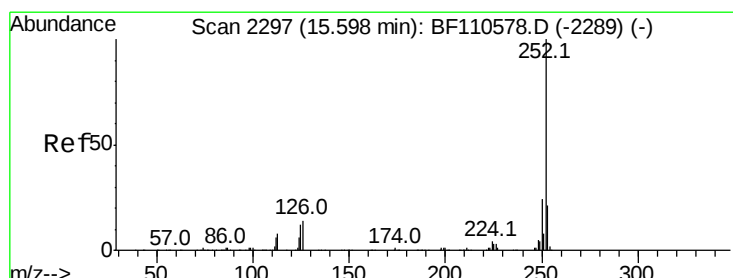
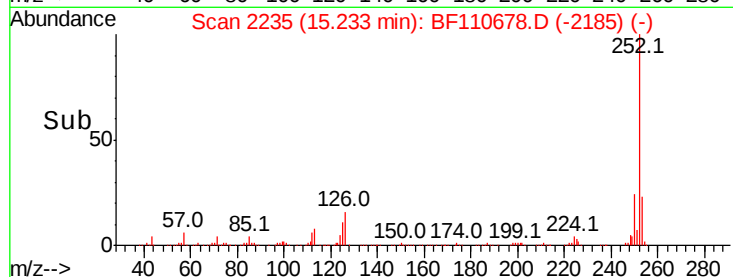
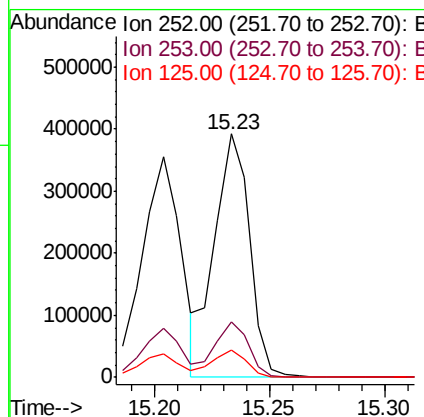
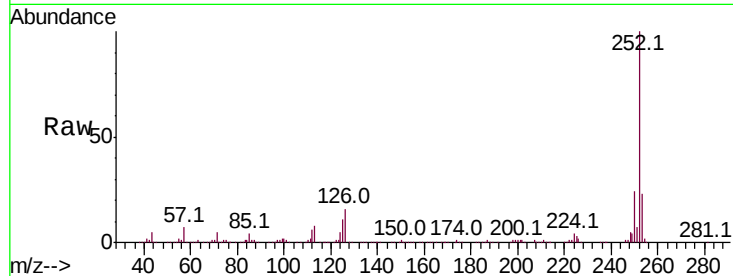
#89
Benzo(k)fluoranthene
Concen: 47.368 ng m
RT: 15.23 min Scan# 2235
Delta R.T. -0.01 min
Lab File: BF110678.D
Acq: 12 Nov 2018 17:00

Instrument :
BNA_F
ClientSampleId :
SB-12-DMS

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.6	17.2	25.8
125	11.2	7.4	11.0

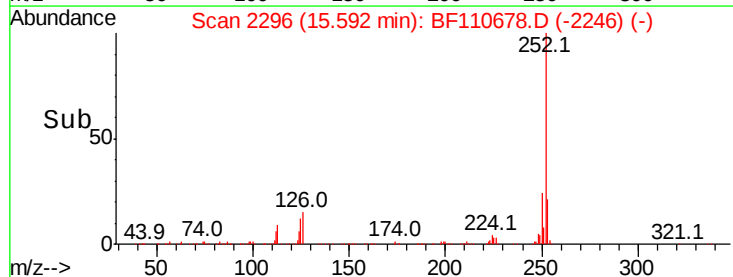
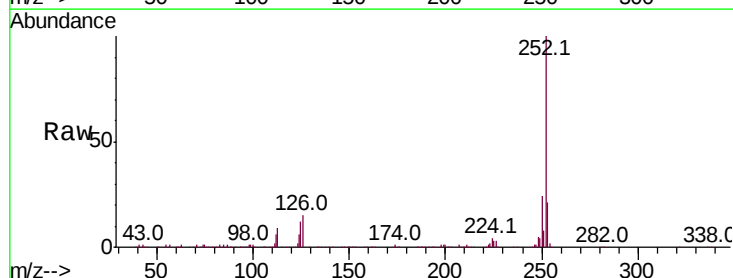
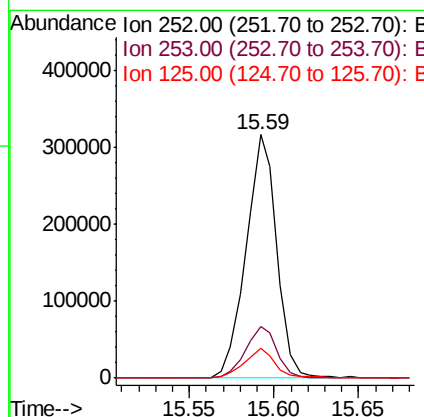
Manual Integrations
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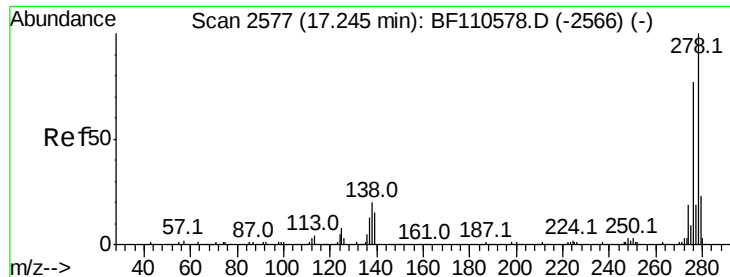
Sohil
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#90
Benzo(a)pyrene
Concen: 49.238 ng
RT: 15.59 min Scan# 2296
Delta R.T. -0.01 min
Lab File: BF110678.D
Acq: 12 Nov 2018 17:00

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.2	18.2	27.4
125	12.1	9.0	13.6





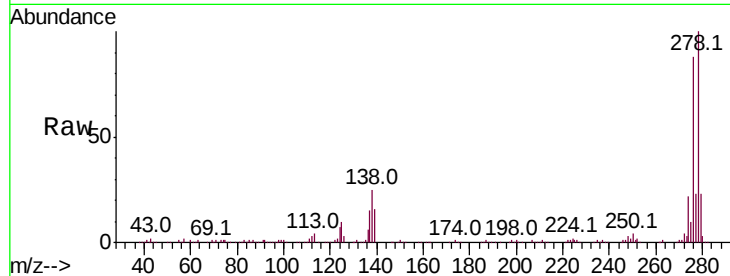
#91
Dibenzo(a,h)anthracene
Concen: 56.130 ng
RT: 17.24 min Scan# 2576
Delta R.T. -0.01 min
Lab File: BF110678.D
Acq: 12 Nov 2018 17:00

Instrument :
BNA_F
ClientSampleId :
SB-12-DMS

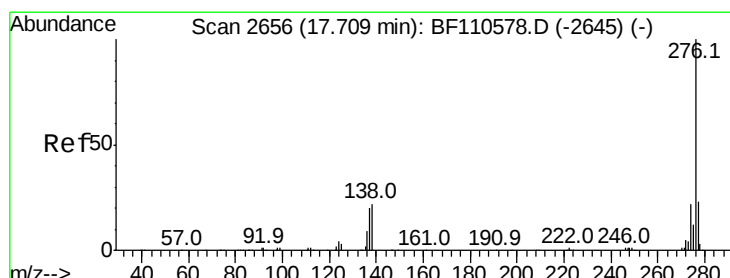
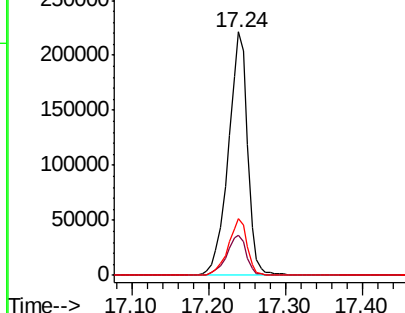
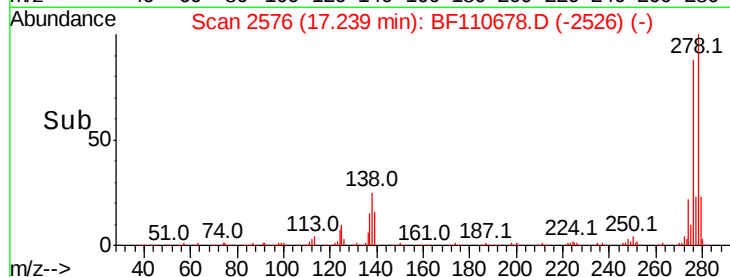
Tot Ion	Ratio	Lower	Upper
278	100		
139	16.4	12.7	19.1
279	23.2	19.0	28.4

Manual Integrations
APPROVED

Sohil
11/13/2018 11:16:26 AM

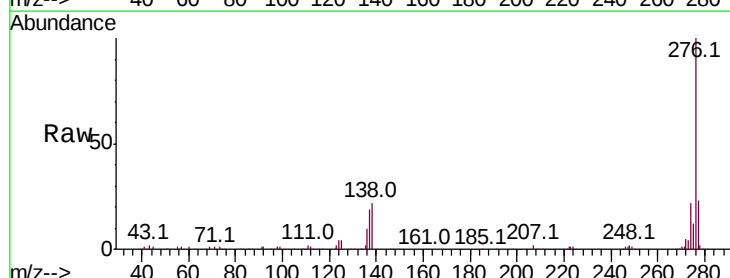


Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E



#92
Benzo(g,h,i)perylene
Concen: 57.821 ng
RT: 17.71 min Scan# 2656
Delta R.T. 0.00 min
Lab File: BF110678.D
Acq: 12 Nov 2018 17:00

Tgt Ion	Ratio	Lower	Upper
276	100		
277	22.9	18.8	28.2
138	22.3	16.0	24.0



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

