

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF091818\
 Data File : BF109113.D
 Acq On : 18 Sep 2018 23:11
 Operator : JU/SJ
 Sample : J4959-01MSD
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 BACKFILL-SW2MSD

Manual Integrations
 APPROVED

Sohil
 9/19/2018 4:24:00 PM

Quant Time: Sep 19 05:30:58 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF091418.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Sep 14 13:26:52 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.72	152	146371	20.00	ng	0.00
21) Naphthalene-d8	8.01	136	507203	20.00	ng	0.00
38) Acenaphthene-d10	9.75	164	205441	20.00	ng	0.00
63) Phenanthrene-d10	11.24	188	349054	20.00	ng	0.00
75) Chrysene-d12	13.87	240	306833	20.00	ng	0.00
86) Perylene-d12	15.27	264	298126	20.00	ng	0.02

System Monitoring Compounds						
5) 2-Fluorophenol	5.34	112	1058107	120.06	ng	0.02
7) Phenol-d6	6.37	99	1338901	117.82	ng	0.01
23) Nitrobenzene-d5	7.29	82	849670	93.96	ng	0.00
41) 2,4,6-Tribromophenol	10.54	330	263182	118.04	ng	0.00
44) 2-Fluorobiphenyl	9.08	172	1260857	96.16	ng	0.00
78) Terphenyl-d14	12.81	244	1093182	84.45	ng	0.00

Target Compounds				Qvalue		
2) 1,4-Dioxane	2.44	88	132960	31.694	ng	93
3) Pyridine	3.15	79	366769	32.981	ng	93
4) n-Nitrosodimethylamine	3.08	42	189620	45.148	ng	# 94
6) Aniline	6.39	93	315352	21.470	ng	# 69
8) 2-Chlorophenol	6.51	128	377125	38.239	ng	96
9) Benzaldehyde	6.27	77	152261	20.979	ng	99
10) Phenol	6.38	94	474606	37.118	ng	79
11) bis(2-Chloroethyl)ether	6.47	93	375891	37.368	ng	96
12) 1,3-Dichlorobenzene	6.67	146	413648	36.675	ng	99
13) 1,4-Dichlorobenzene	6.74	146	418009	36.943	ng	99
14) 1,2-Dichlorobenzene	6.90	146	386710	36.865	ng	99
15) Benzyl Alcohol	6.87	79	343681	39.837	ng	96
16) 2,2'-oxybis(1-Chloropropan	7.01	45	527736	36.615	ng	95
17) 2-Methylphenol	6.99	107	311624	38.729	ng	97
18) Hexachloroethane	7.24	117	138661	33.742	ng	98
19) n-Nitroso-di-n-propylamine	7.15	70	271741	36.177	ng	95
20) 3+4-Methylphenols	7.14	107	366192	37.788	ng	# 59
22) Acetophenone	7.14	105	511284	44.388	ng	# 93
24) Nitrobenzene	7.31	77	397812	42.668	ng	99
25) Isophorone	7.55	82	721884	46.440	ng	98
26) 2-Nitrophenol	7.62	139	157189	36.106	ng	95
27) 2,4-Dimethylphenol	7.67	122	328296	48.074	ng	99
28) bis(2-Chloroethoxy)methane	7.76	93	460090	43.983	ng	99
29) 2,4-Dichlorophenol	7.87	162	293700	40.359	ng	99
30) 1,2,4-Trichlorobenzene	7.95	180	315884	40.156	ng	97
31) Naphthalene	8.03	128	1266048	53.780	ng	99
33) 4-Chloroaniline	8.07	127	181084	17.301	ng	99
34) Hexachlorobutadiene	8.15	225	191124	39.797	ng	99
35) Caprolactam	8.43	113	86176m	36.322	ng	
36) 4-Chloro-3-methylphenol	8.57	107	292200	38.142	ng	98
37) 2-Methylnaphthalene	8.72	142	714067	46.532	ng	97
39) 1,2,4,5-Tetrachlorobenzene	8.89	216	293338	45.366	ng	97
40) Hexachlorocyclopentadiene	8.88	237	67290	20.655	ng	99
42) 2,4,6-Trichlorophenol	9.00	196	183545	42.232	ng	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) 2,4,5-Trichlorophenol	9.04	196	191457	42.155	nq	91
45) 1,1'-Biphenyl	9.18	154	774641	47.130	nq	99
46) 2-Chloronaphthalene	9.21	162	574460	43.642	nq	98
47) 2-Nitroaniline	9.30	65	185560	45.856	nq	94
48) Acenaphthylene	9.62	152	903431	45.522	nq	100
49) Dimethylphthalate	9.48	163	809710	55.144	nq	99
50) 2,6-Dinitrotoluene	9.54	165	138592	42.561	nq	95
51) Acenaphthene	9.79	154	598008	48.391	nq	99
52) 3-Nitroaniline	9.71	138	143072	37.313	nq	97
54) Dibenzofuran	9.96	168	885394	49.579	nq	98
55) 4-Nitrophenol	9.87	139	160399	56.777	nq	93
56) 2,4-Dinitrotoluene	9.94	165	171486	40.268	nq	# 96
57) Fluorene	10.30	166	670139	56.310	nq	99
58) 2,3,4,6-Tetrachlorophenol	10.08	232	136102	36.191	nq	89
59) Diethylphthalate	10.18	149	631324	42.577	nq	96
60) 4-Chlorophenyl-phenylether	10.30	204	254064	39.869	nq	96
61) 4-Nitroaniline	10.31	138	143815	39.478	nq	96
62) Azobenzene	10.45	77	585619	38.583	nq	93
65) n-Nitrosodiphenylamine	10.41	169	520706	45.605	nq	95
66) 4-Bromophenyl-phenylether	10.78	248	166573	42.330	nq	# 87
67) Hexachlorobenzene	10.85	284	172301	40.935	nq	# 87
68) Atrazine	10.94	200	153753	42.066	nq	98
69) Pentachlorophenol	11.04	266	137831	51.181	nq	99
70) Phenanthrene	11.27	178	1924822	112.493	nq	99
71) Anthracene	11.31	178	1168131	67.347	nq	100
72) Carbazole	11.46	167	832758	48.501	nq	100
73) Di-n-butylphthalate	11.80	149	840141	41.801	nq	99
74) Fluoranthene	12.45	202	1963441	108.695	nq	98
76) Benzidine	12.56	184	451544	41.573	nq	99
77) Pyrene	12.68	202	1886549	82.776	nq	99
79) Butylbenzylphthalate	13.29	149	390258	38.337	nq	96
80) Benzo(a)anthracene	13.85	228	1295872	69.758	nq	98
81) 3,3'-Dichlorobenzidine	13.82	252	246281	32.854	nq	97
82) Chrysene	13.90	228	1215691	65.409	nq	98
83) Bis(2-ethylhexyl)phthalate	13.86	149	504027	40.893	nq	99
84) Di-n-octyl phthalate	14.47	149	976022	46.692	nq	99
85) Indeno(1,2,3-cd)pyrene	16.64	276	753058	50.679	nq	# 91
87) Benzo(b)fluoranthene	14.88	252	1210266	73.381	nq	98
88) Benzo(k)fluoranthene	14.90	252	863636	56.063	nq	98
89) Benzo(a)pyrene	15.22	252	1004083	68.553	nq	98
90) Dibenzo(a,h)anthracene	16.65	278	515634m	41.903	nq	
91) Benzo(g,h,i)perylene	17.04	276	629547	51.172	nq	# 91

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

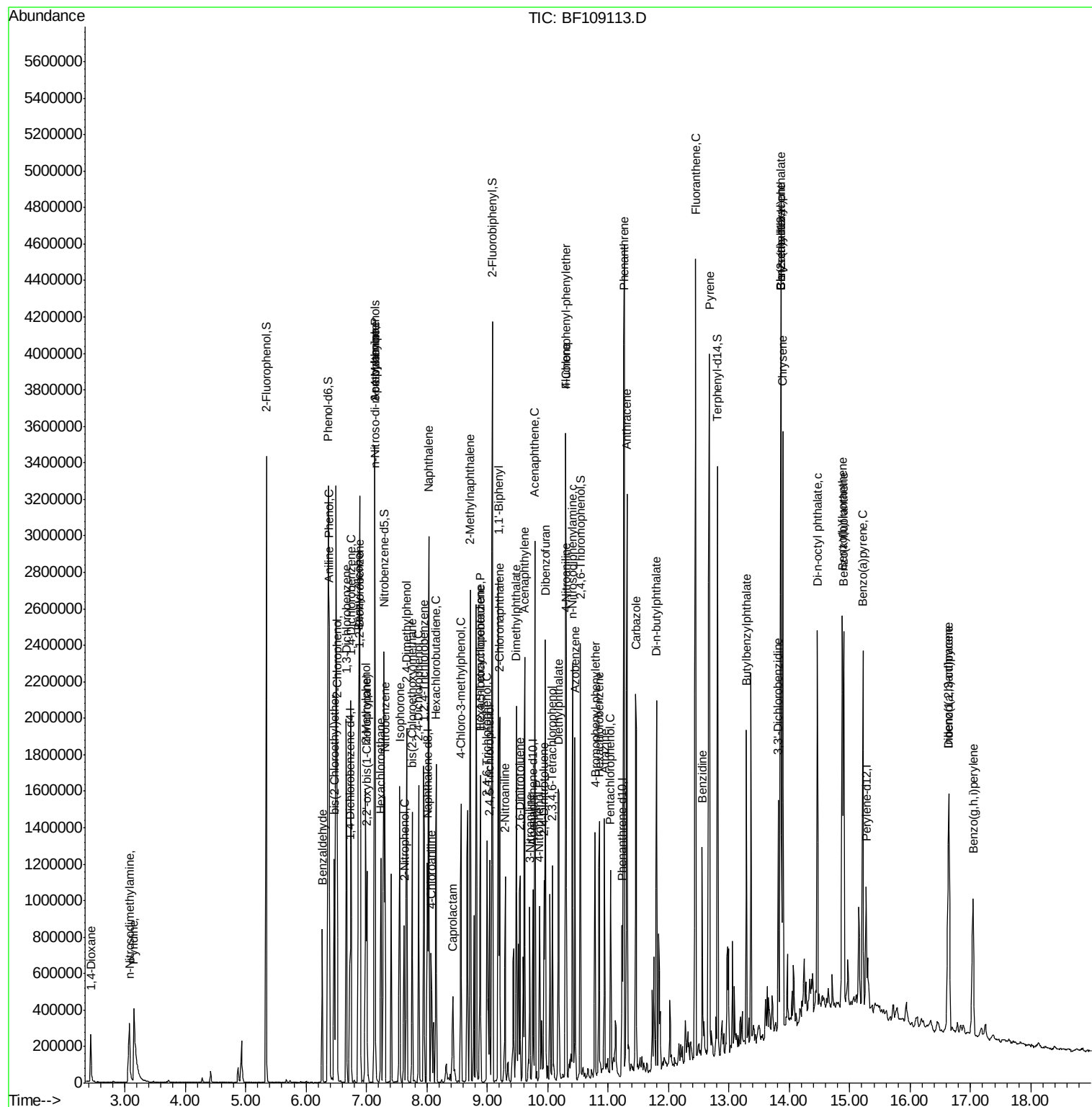
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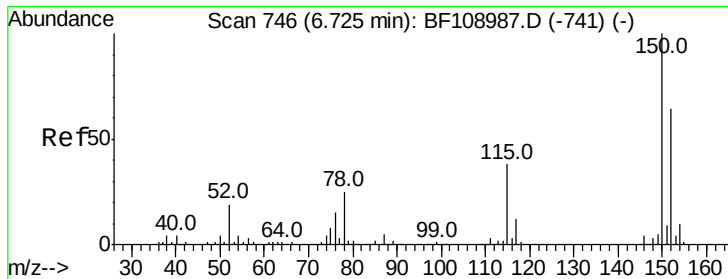
Instrument :
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#1

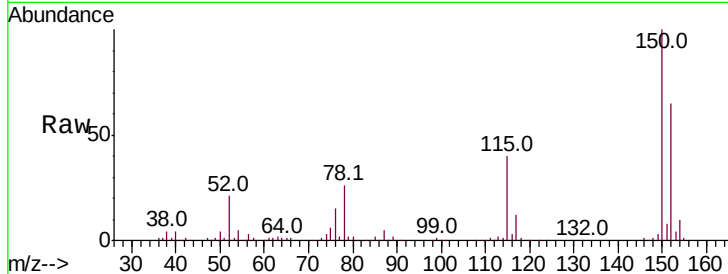
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.72 min Scan# 746
Delta R.T. 0.00 min
Lab File: BF109113.D
Acq: 18 Sep 2018 23:11

Instrument :
BNA_F
ClientSampleId :
BACKFILL-SW2MSD

Tot Ion	Ratio	Lower	Upper
152	100		
150	153.4	124.6	186.8
115	60.8	50.1	75.1

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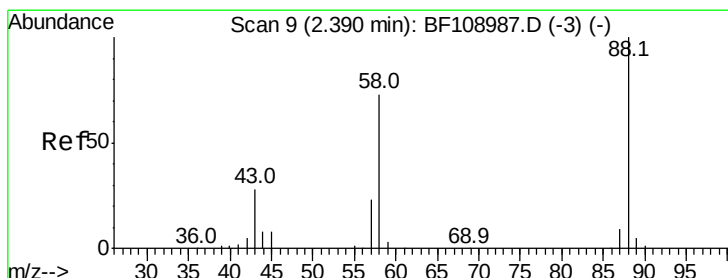
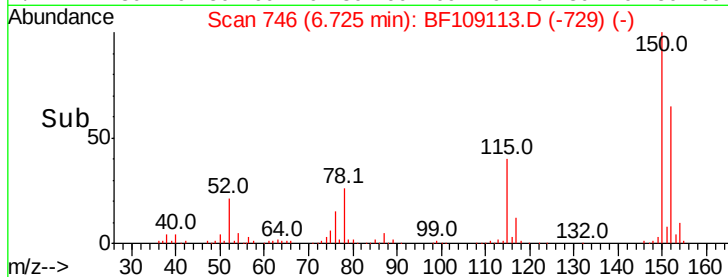
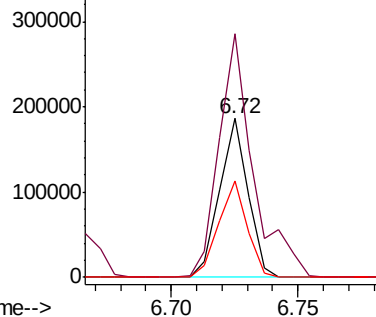


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

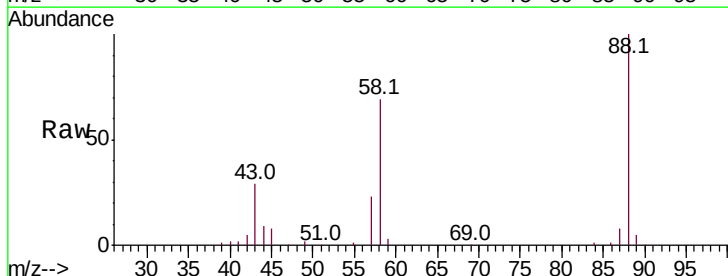
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 31.694 ng
RT: 2.44 min Scan# 17
Delta R.T. 0.05 min
Lab File: BF109113.D
Acq: 18 Sep 2018 23:11

Tgt Ion	Ratio	Lower	Upper
88	100		
58	70.4	62.6	93.8
43	30.0	24.6	37.0

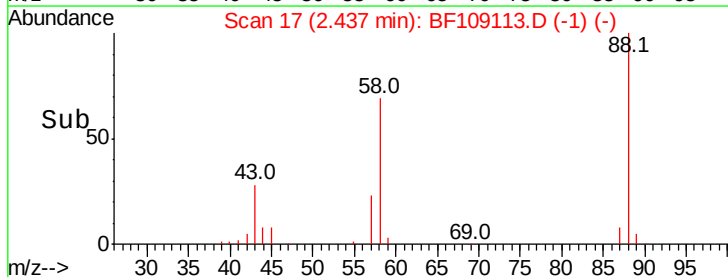
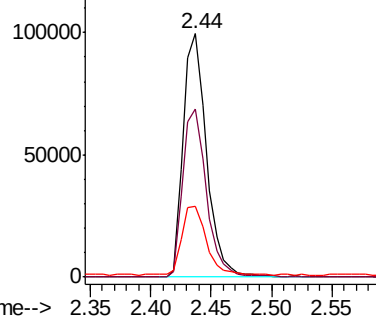


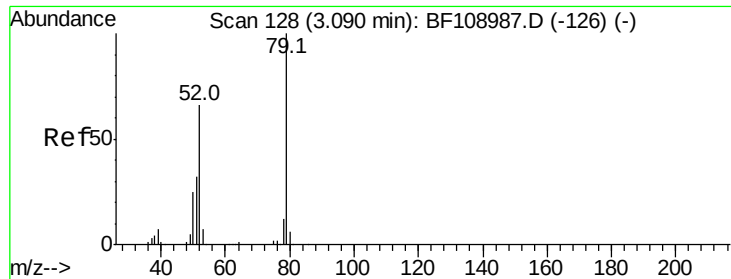
Abundance

Ion 88.00 (87.70 to 88.70): BF1

Ion 58.00 (57.70 to 58.70): BF1

Ion 43.00 (42.70 to 43.70): BF1





#3

Pvridine

Concen: 32.981 ng

RT: 3.15 min Scan# 138

Delta R.T. 0.06 min

Lab File: BF109113.D

Acq: 18 Sep 2018 23:11

Instrument :

BNA_F

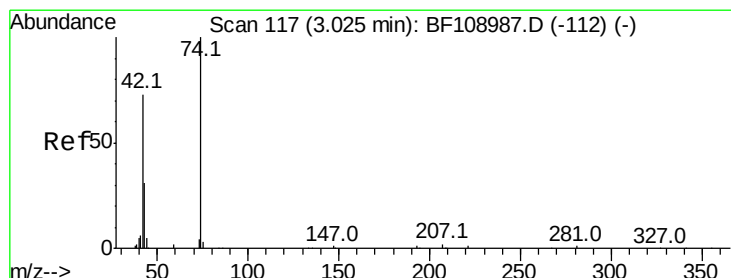
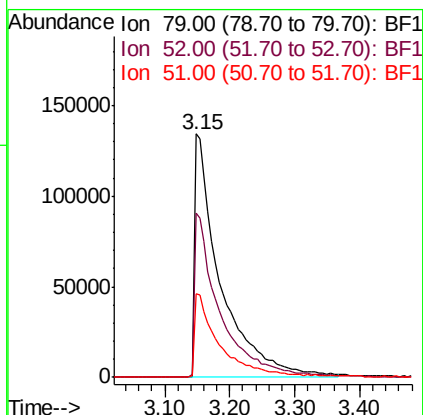
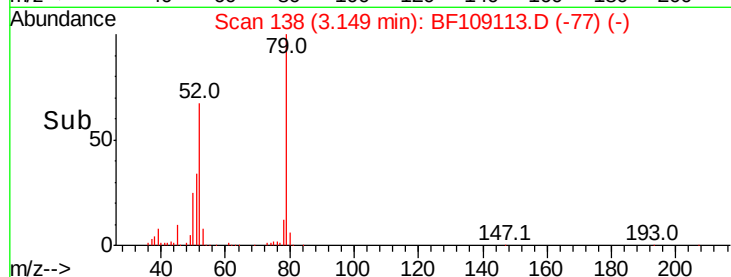
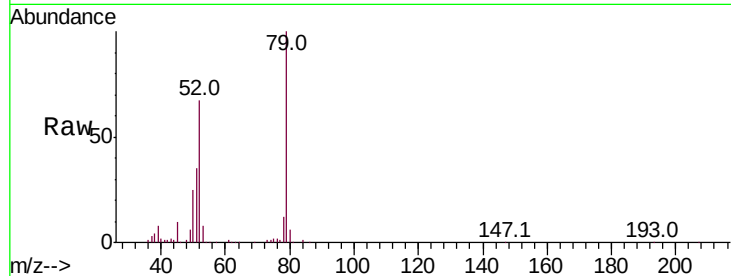
ClientSampleId :

BACKFILL-SW2MSD

Tot Ion:	79	Resp:	366769
Ion	Ratio	Lower	Upper
79	100		
52	67.2	59.8	89.6
51	34.5	29.8	44.8

Manual Integrations
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#4

n-Nitrosodimethylamine

Concen: 45.148 ng

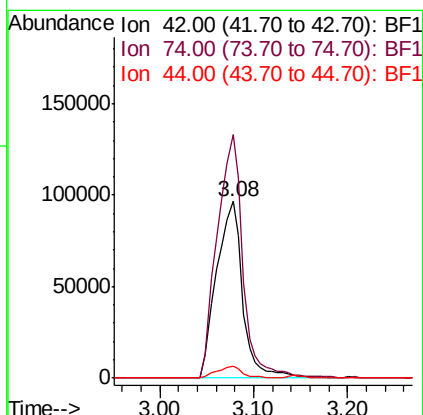
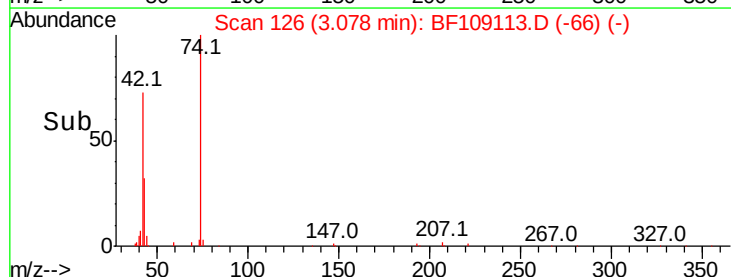
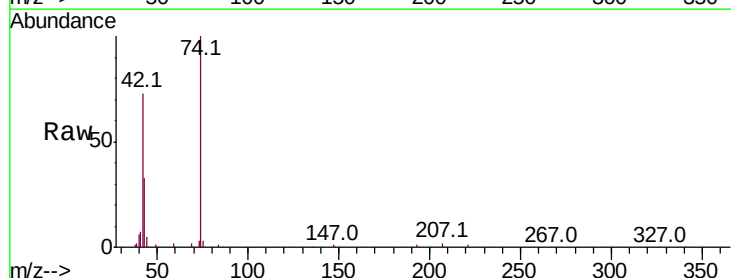
RT: 3.08 min Scan# 126

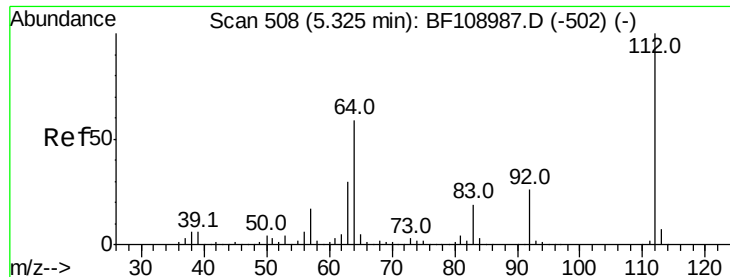
Delta R.T. 0.05 min

Lab File: BF109113.D

Acq: 18 Sep 2018 23:11

Tgt Ion:	42	Resp:	189620
Ion	Ratio	Lower	Upper
42	100		
74	137.6	104.9	157.3
44	6.8	6.9	10.3#





#5
 2-Fluorophenol
 Concen: 120.064 ng
 RT: 5.34 min Scan# 511
 Delta R.T. 0.02 min
 Lab File: BF109113.D
 Acq: 18 Sep 2018 23:11

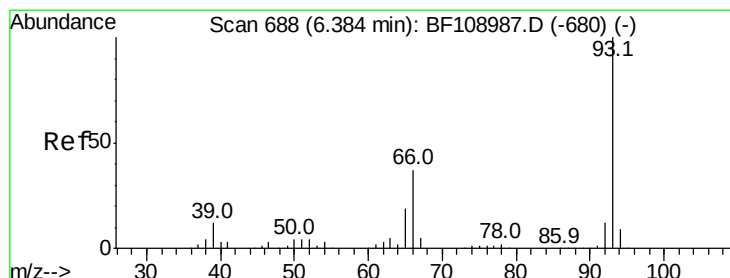
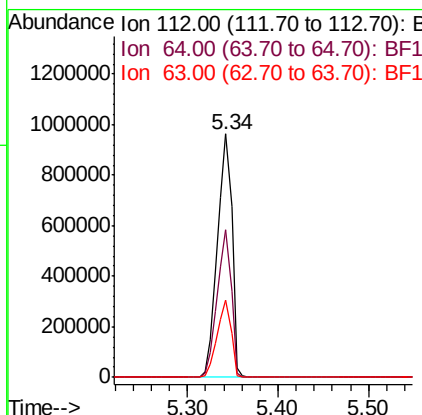
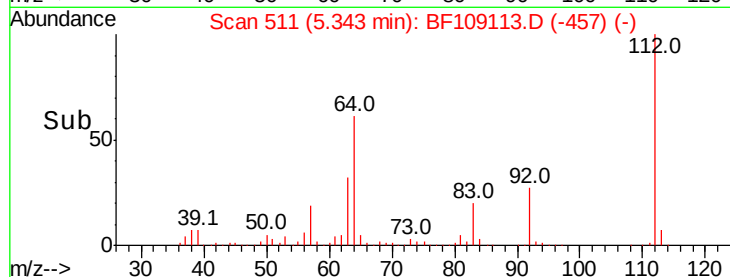
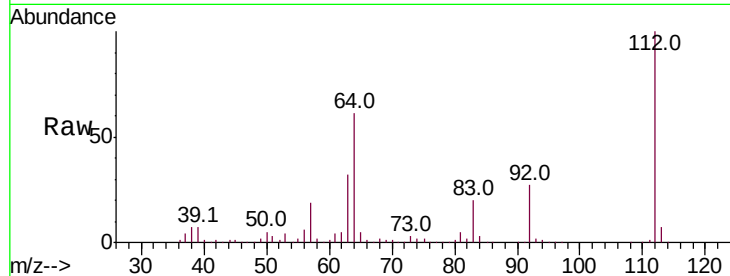
Instrument :
 BNA_F
 ClientSampleId :
 BACKFILL-SW2MSD

Tot Ion: 112 Resp: 1058107

Ion	Ratio	Lower	Upper
112	100		
64	60.7	47.9	71.9
63	31.8	23.7	35.5

Manual Integrations
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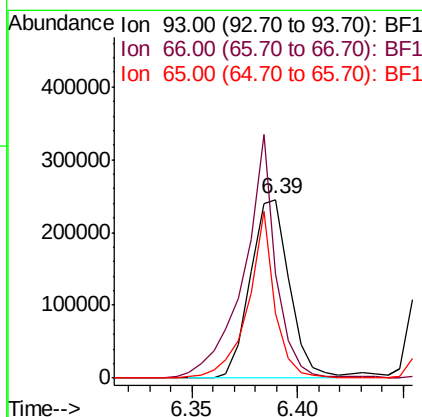
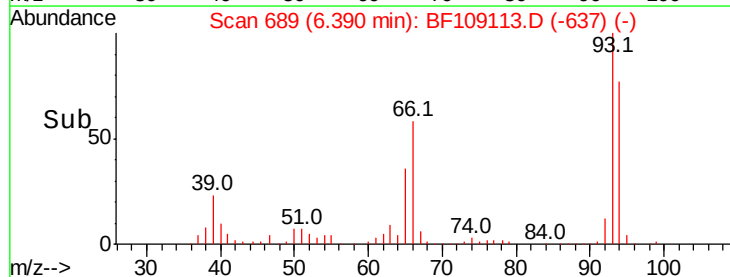
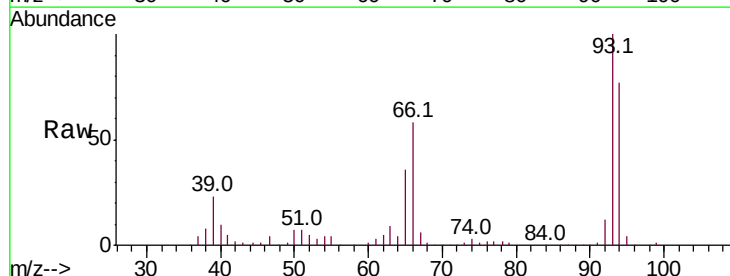
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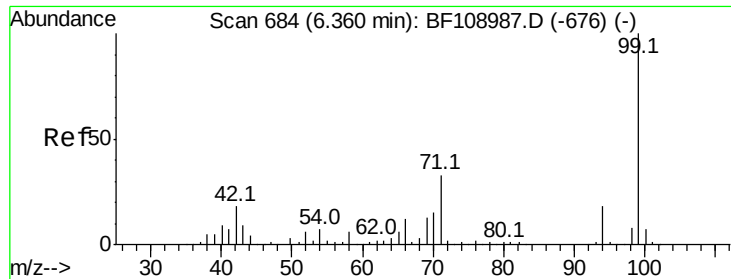


#6
 Aniline
 Concen: 21.470 ng
 RT: 6.39 min Scan# 689
 Delta R.T. 0.01 min
 Lab File: BF109113.D
 Acq: 18 Sep 2018 23:11

Tgt Ion: 93 Resp: 315352

Ion	Ratio	Lower	Upper
93	100		
66	58.4	32.2	48.2#
65	35.9	16.4	24.6#





#7

Phenol-d6

Concen: 117.822 ng

RT: 6.37 min Scan# 686

Delta R.T. 0.01 min

Lab File: BF109113.D

Acq: 18 Sep 2018 23:11

Instrument :

BNA_F

ClientSampleId :

BACKFILL-SW2MSD

Tot Ion: 99 Resp: 1338901

Ion Ratio Lower Upper

99 100

42 19.5 14.5 21.7

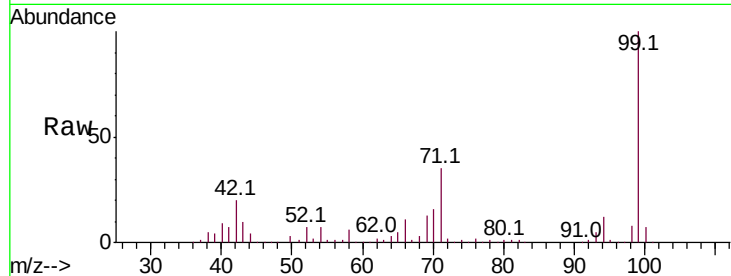
71 34.9 25.4 38.0

Manual Integrations

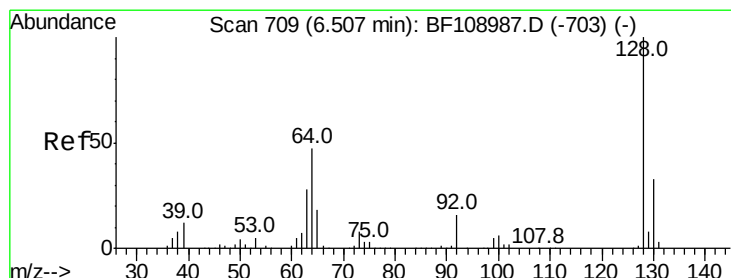
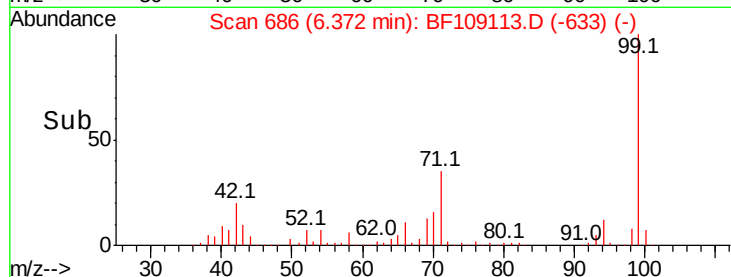
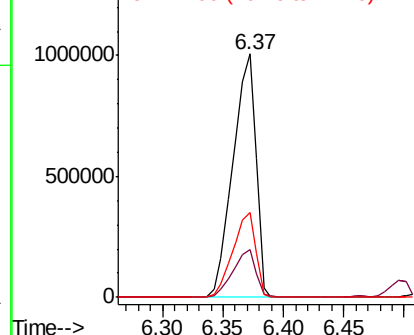
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Abundance Ion 99.00 (98.70 to 99.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 71.00 (70.70 to 71.70): BF1



#8

2-Chlorophenol

Concen: 38.239 ng

RT: 6.51 min Scan# 710

Delta R.T. 0.01 min

Lab File: BF109113.D

Acq: 18 Sep 2018 23:11

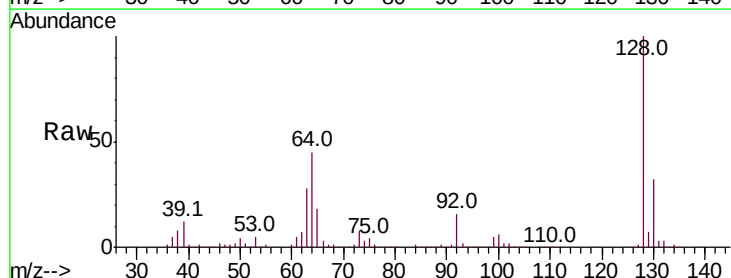
Tgt Ion:128 Resp: 377125

Ion Ratio Lower Upper

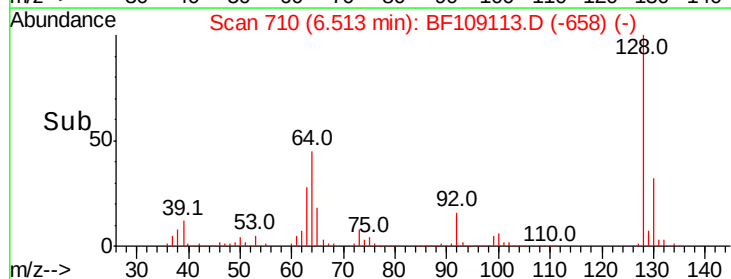
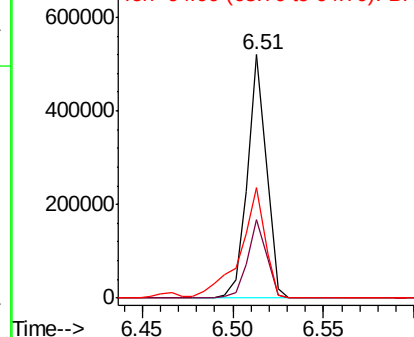
128 100

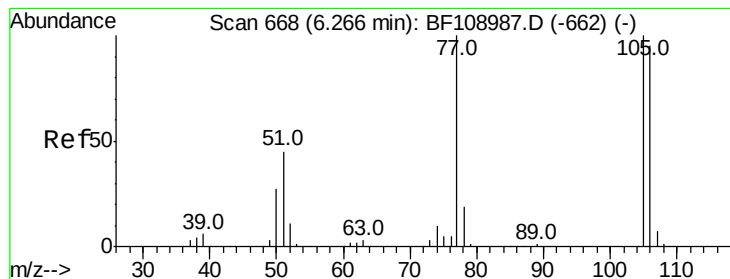
130 32.5 13.0 53.0

64 45.3 29.4 69.4



Abundance Ion 128.00 (127.70 to 128.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 64.00 (63.70 to 64.70): BF1





#9

Benzaldehyde

Concen: 20.979 ng

RT: 6.27 min Scan# 668

Delta R.T. 0.00 min

Lab File: BF109113.D

Acq: 18 Sep 2018 23:11

Instrument :

BNA_F

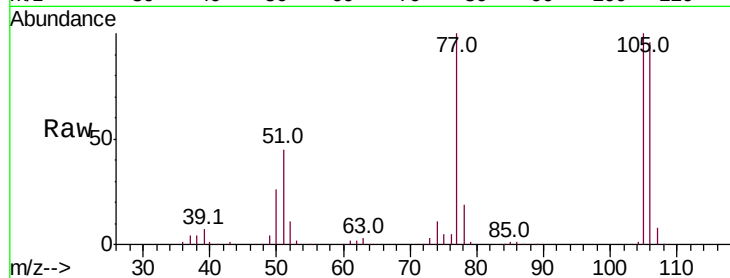
ClientSampleId :

BACKFILL-SW2MSD

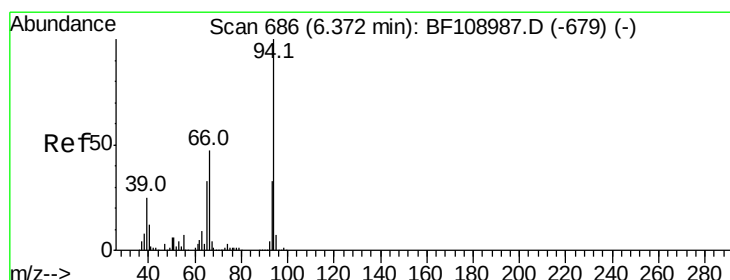
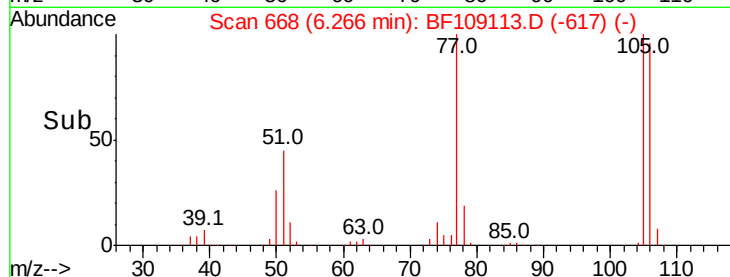
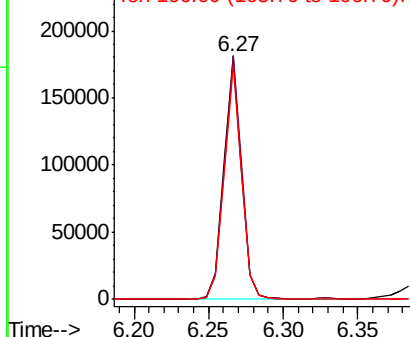
Tot Ion:	77	Resp:	152261
Ion Ratio	Lower	Upper	
77	100		
105	99.9	81.1	121.1
106	95.8	74.5	114.5

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Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 105.00 (104.70 to 105.70): BF1
Ion 106.00 (105.70 to 106.70): BF1



#10

Phenol

Concen: 37.118 ng

RT: 6.38 min Scan# 688

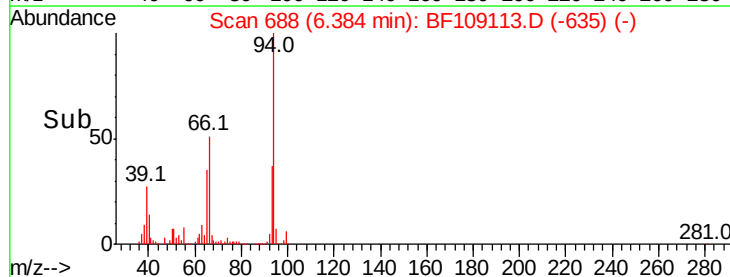
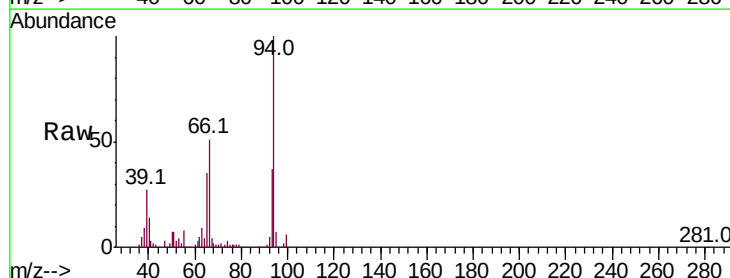
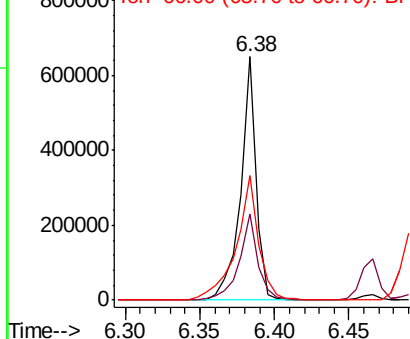
Delta R.T. 0.01 min

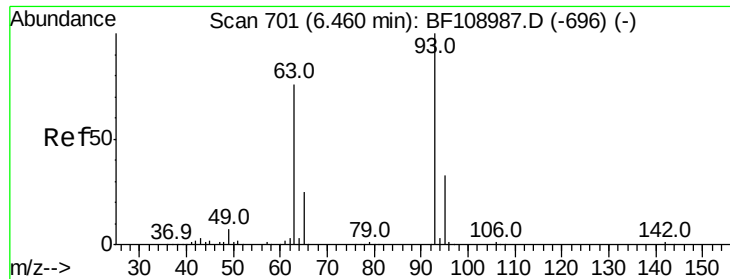
Lab File: BF109113.D

Acq: 18 Sep 2018 23:11

Tgt Ion:	94	Resp:	474606
Ion Ratio	Lower	Upper	
94	100		
65	35.2	7.9	47.9
66	51.4	16.2	56.2

Abundance Ion 94.00 (93.70 to 94.70): BF1
Ion 65.00 (64.70 to 65.70): BF1
Ion 66.00 (65.70 to 66.70): BF1





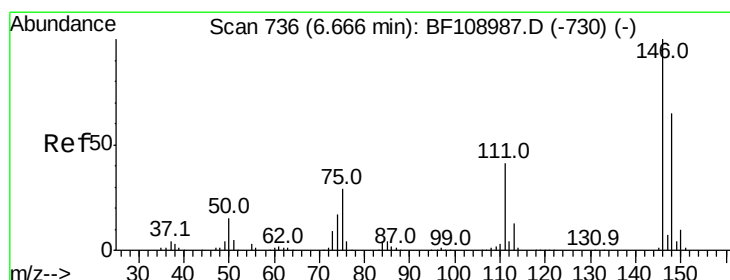
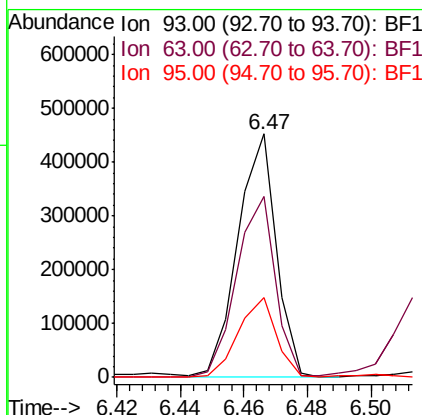
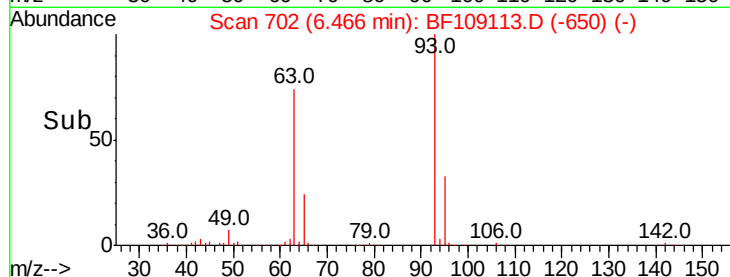
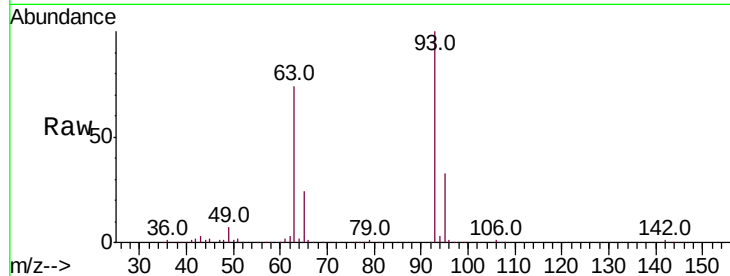
#11
bis(2-Chloroethyl)ether
Concen: 37.368 ng
RT: 6.47 min Scan# 702
Delta R.T. 0.01 min
Lab File: BF109113.D
Acq: 18 Sep 2018 23:11

Instrument :
BNA_F
ClientSampleId :
BACKFILL-SW2MSD

Tot Ion	93	Resp	375891
Ion Ratio	Lower	Upper	
93	100		
63	74.3	58.6	98.6
95	32.8	11.8	51.8

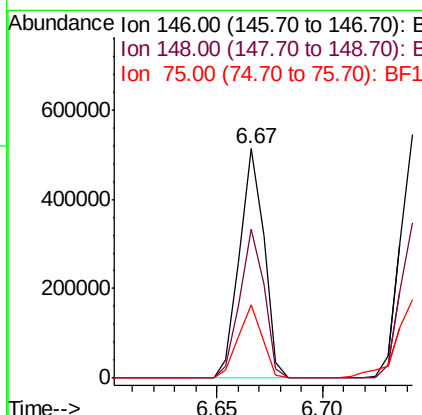
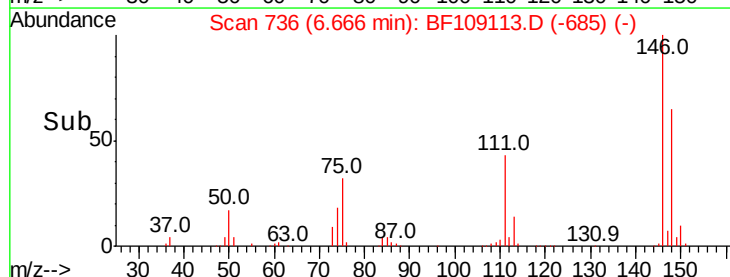
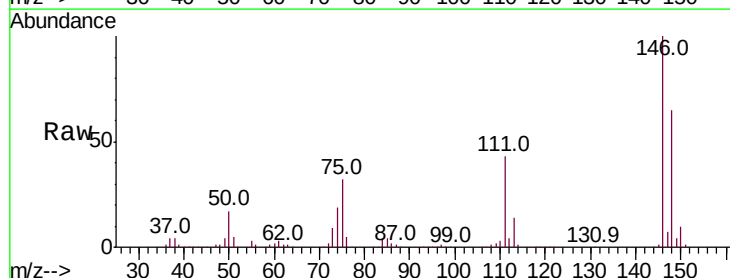
Manual Integrations
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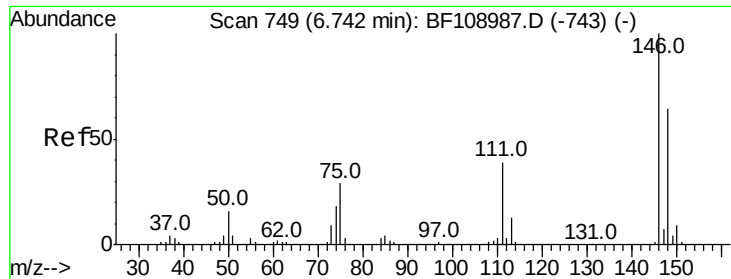
Sohil
9/19/2018 4:24:00 PM



#12
1,3-Dichlorobenzene
Concen: 36.675 ng
RT: 6.67 min Scan# 736
Delta R.T. 0.00 min
Lab File: BF109113.D
Acq: 18 Sep 2018 23:11

Tgt Ion	146	Resp	413648
Ion Ratio	Lower	Upper	
146	100		
148	65.1	51.8	77.8
75	32.1	24.2	36.4





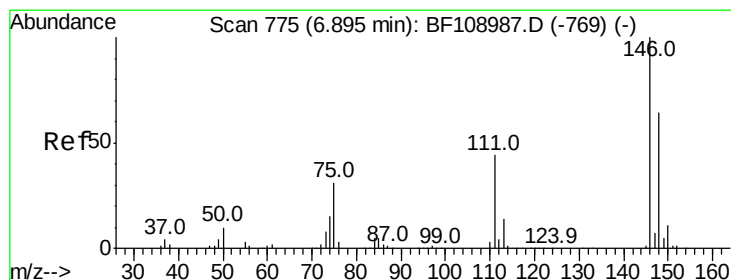
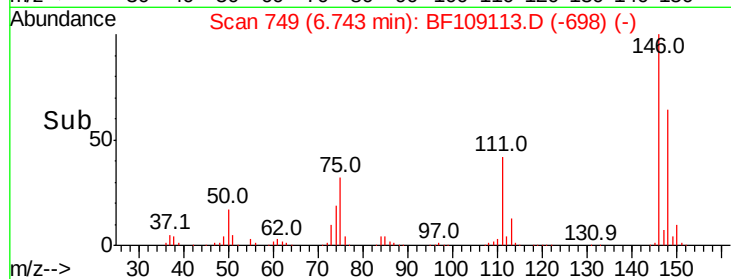
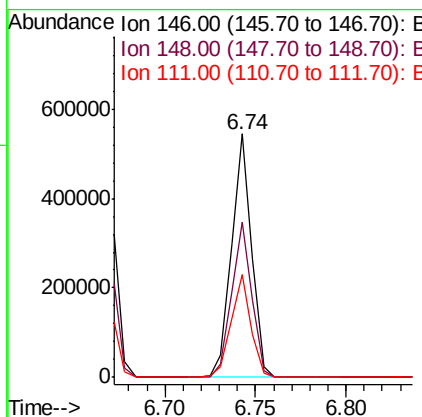
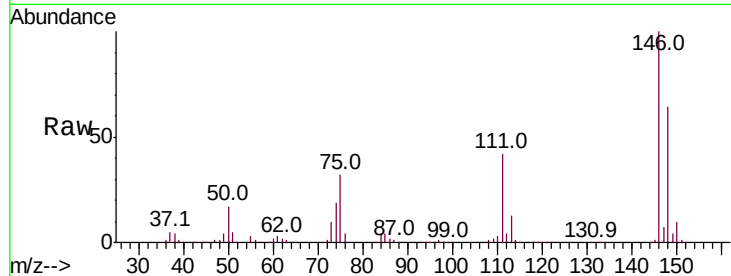
#13
 1,4-Dichlorobenzene
 Concen: 36.943 ng
 RT: 6.74 min Scan# 749
 Delta R.T. 0.00 min
 Lab File: BF109113.D
 Acq: 18 Sep 2018 23:11

Instrument :
 BNA_F
 ClientSampleId :
 BACKFILL-SW2MSD

Tot Ion	Ratio	Lower	Upper
146	100		
148	64.0	50.8	76.2
111	42.2	34.2	51.2

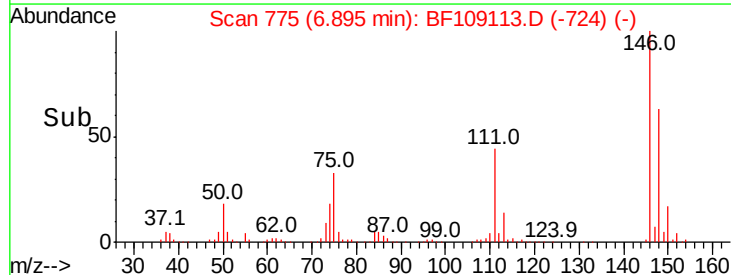
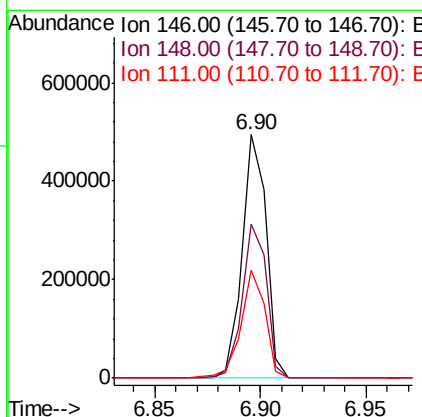
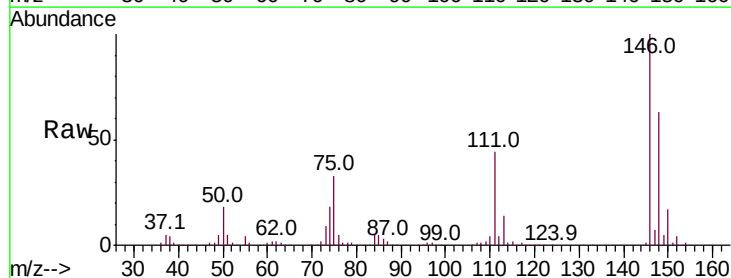
Manual Integrations
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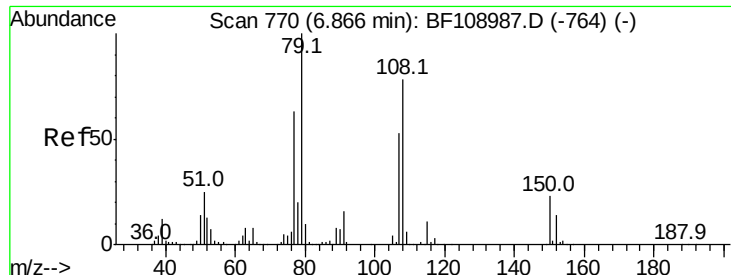
Sohil
 9/19/2018 4:24:00 PM



#14
 1,2-Dichlorobenzene
 Concen: 36.865 ng
 RT: 6.90 min Scan# 775
 Delta R.T. 0.00 min
 Lab File: BF109113.D
 Acq: 18 Sep 2018 23:11

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.4	50.6	75.8
111	44.4	36.0	54.0





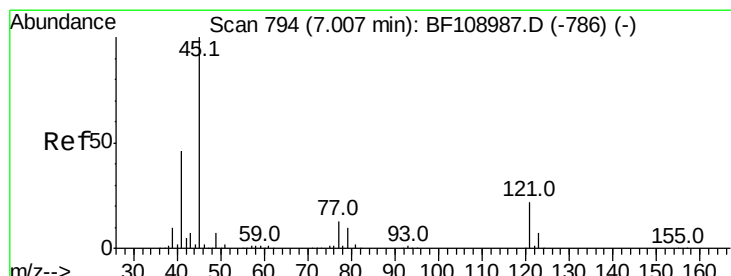
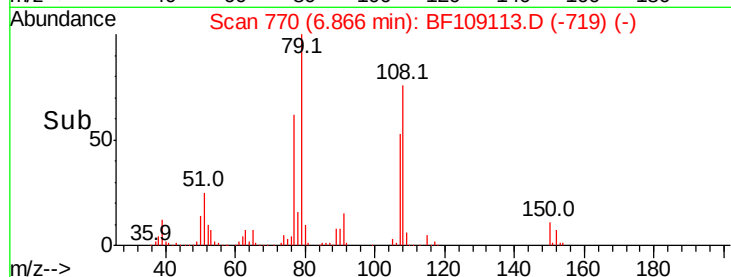
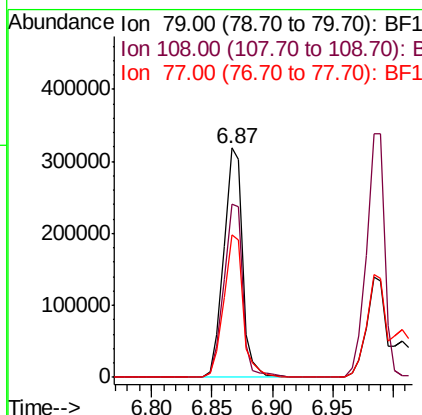
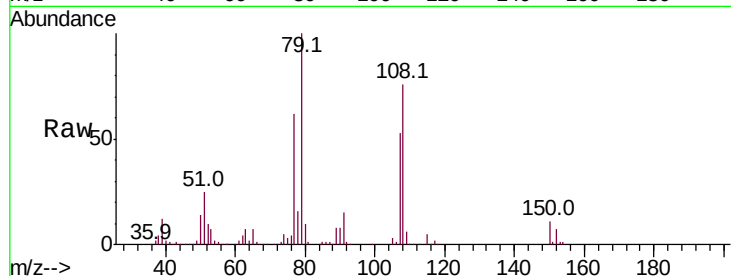
#15
Benzyl Alcohol
Concen: 39.837 ng
RT: 6.87 min Scan# 770
Delta R.T. 0.00 min
Lab File: BF109113.D
Acq: 18 Sep 2018 23:11

Instrument :
BNA_F
ClientSampleId :
BACKFILL-SW2MSD

Tot Ion	Ratio	Lower	Upper
79	100		
108	75.8	65.1	97.7
77	62.3	50.6	75.8

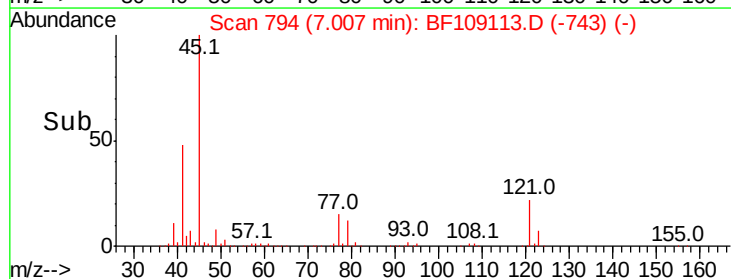
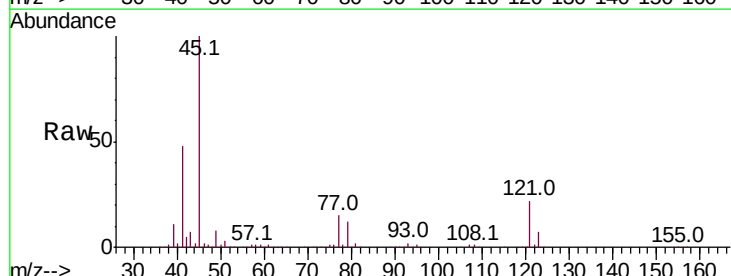
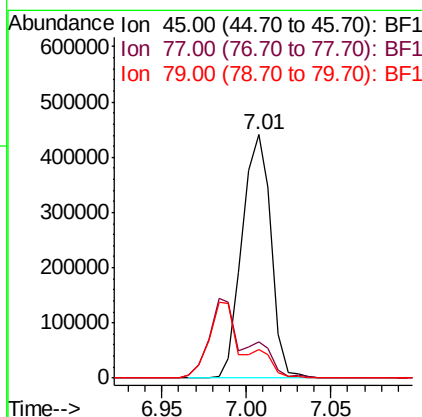
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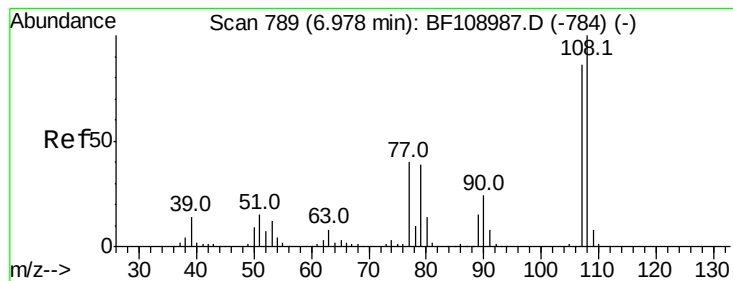
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#16
2,2'-oxybis(1-chloropropane)
Concen: 36.615 ng
RT: 7.01 min Scan# 794
Delta R.T. 0.00 min
Lab File: BF109113.D
Acq: 18 Sep 2018 23:11

Tgt Ion	Ratio	Lower	Upper
45	100		
77	15.0	0.0	32.9
79	11.5	0.0	29.6





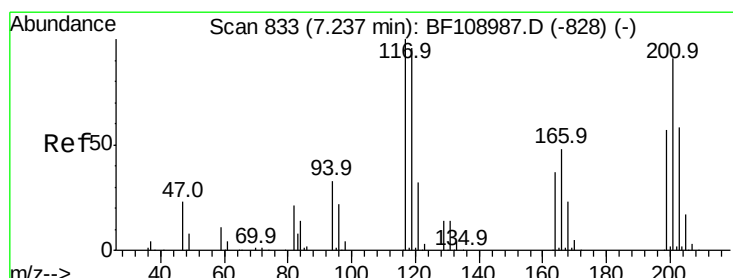
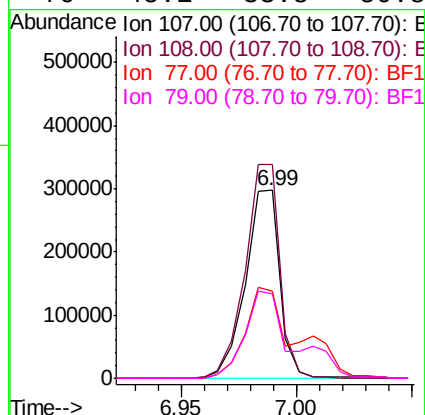
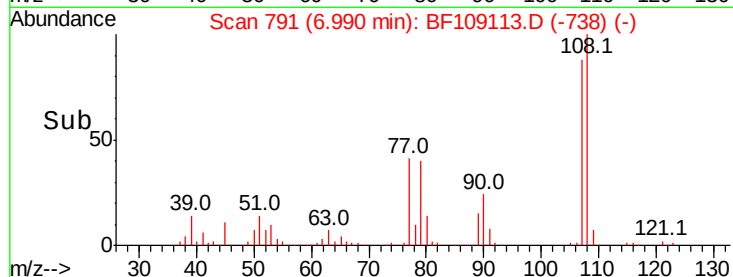
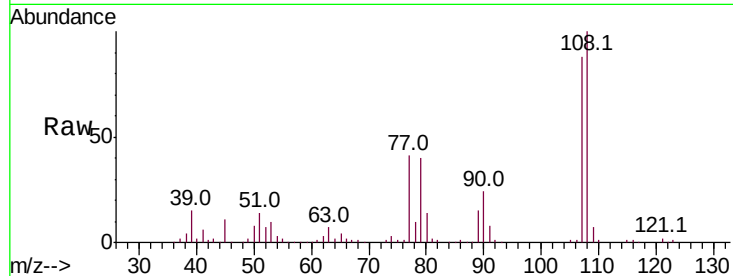
#17
2-Methylphenol
Concen: 38.729 ng
RT: 6.99 min Scan# 791
Delta R.T. 0.01 min
Lab File: BF109113.D
Acq: 18 Sep 2018 23:11

Instrument :
BNA_F
ClientSampleId :
BACKFILL-SW2MSD

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	113.6	91.7	137.5	
77	46.3	33.8	50.8	
79	45.1	33.8	50.8	

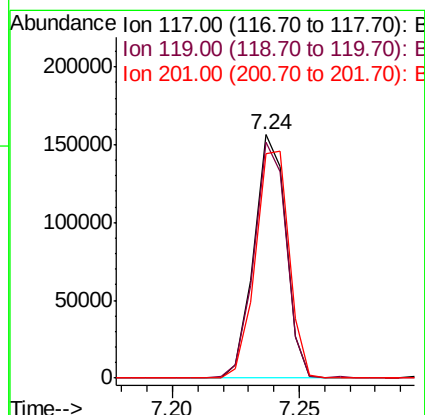
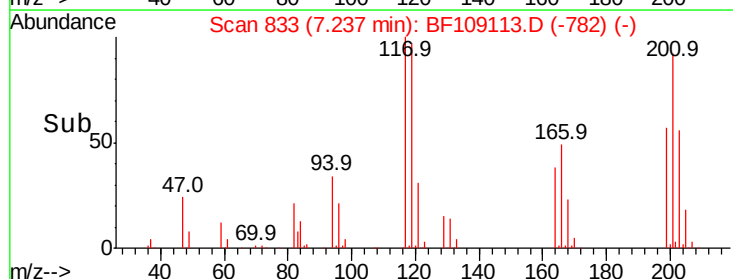
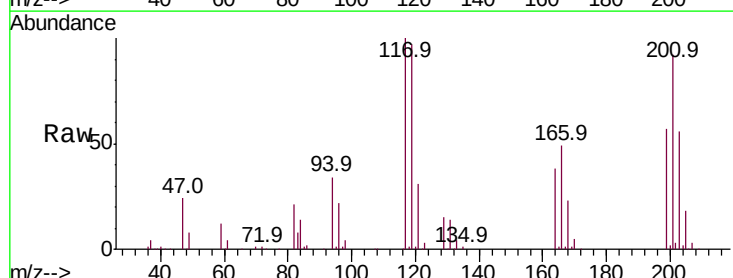
Manual Integrations
APPROVED

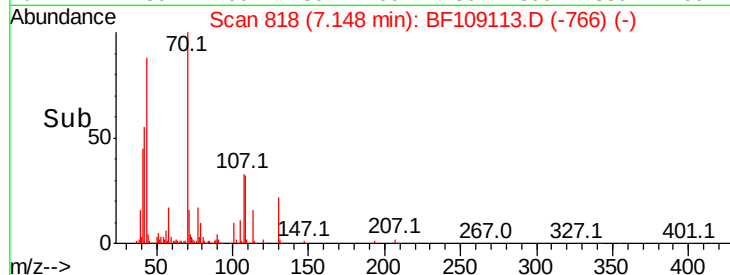
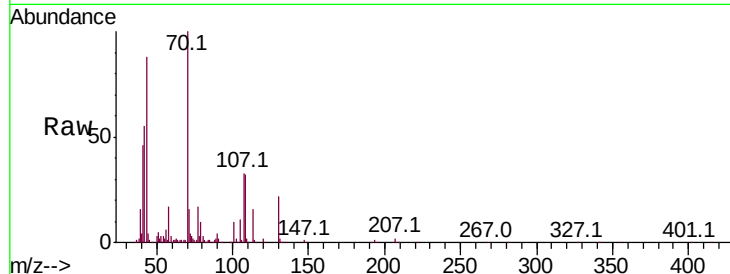
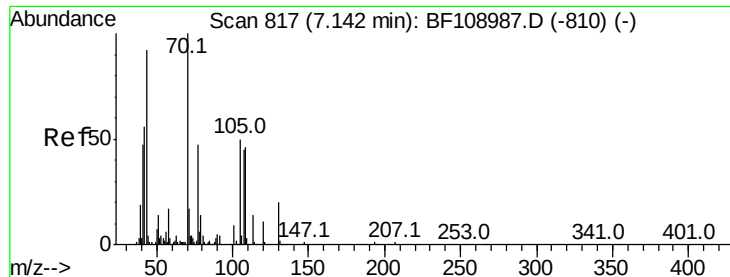
Sohil
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#18
Hexachloroethane
Concen: 33.742 ng
RT: 7.24 min Scan# 833
Delta R.T. 0.00 min
Lab File: BF109113.D
Acq: 18 Sep 2018 23:11

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	97.1	75.8	113.8	
201	92.2	75.7	113.5	





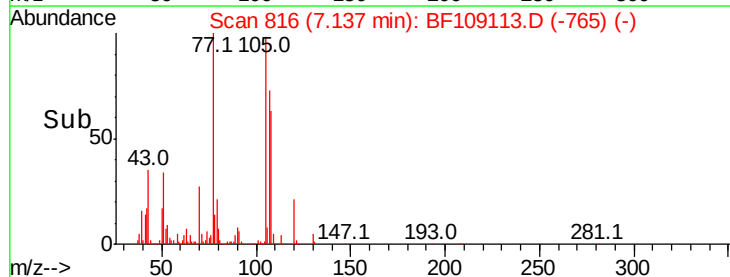
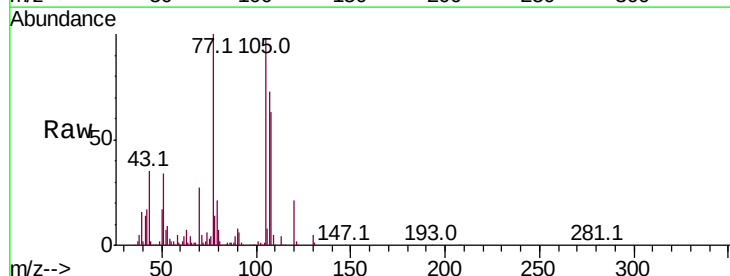
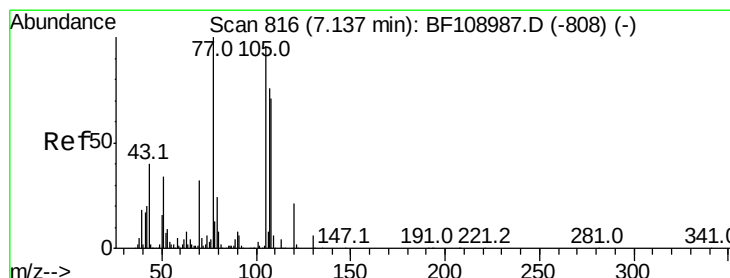
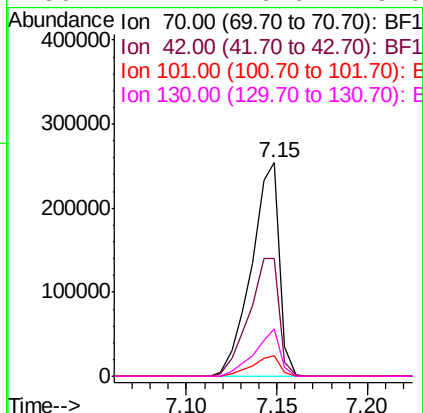
#19
n-Nitroso-di-n-propylamine
Concen: 36.177 ng
RT: 7.15 min Scan# 818
Delta R.T. 0.01 min
Lab File: BF109113.D
Acq: 18 Sep 2018 23:11

Instrument :
BNA_F
ClientSampleId :
BACKFILL-SW2MSD

Manual Integrations
APPROVED

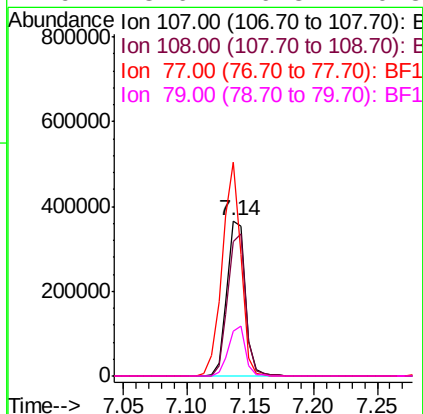
Sohil
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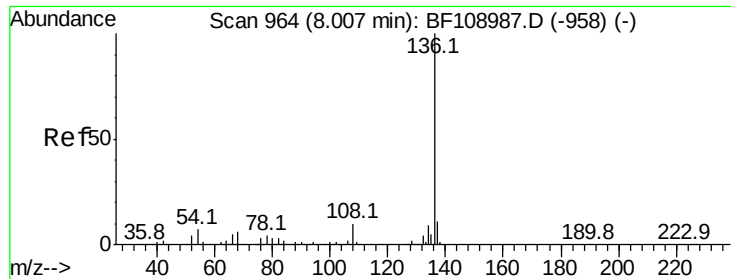
Tot Ion	Ratio	Lower	Upper
70	100		
42	55.0	47.5	71.3
101	9.6	7.4	11.2
130	22.4	16.6	25.0



#20
3+4-Methylphenols
Concen: 37.788 ng
RT: 7.14 min Scan# 816
Delta R.T. 0.00 min
Lab File: BF109113.D
Acq: 18 Sep 2018 23:11

Tgt Ion	Ratio	Lower	Upper
107	100		
108	87.0	68.2	108.2
77	137.8	26.7	66.7#
79	28.6	6.3	46.3





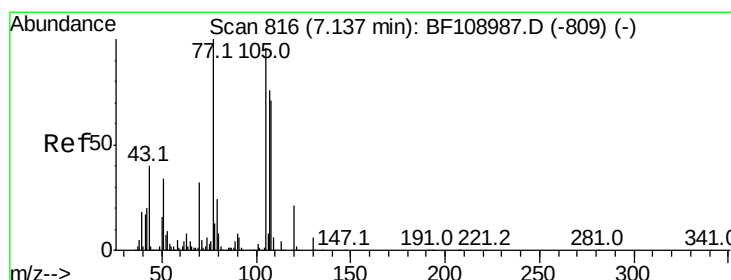
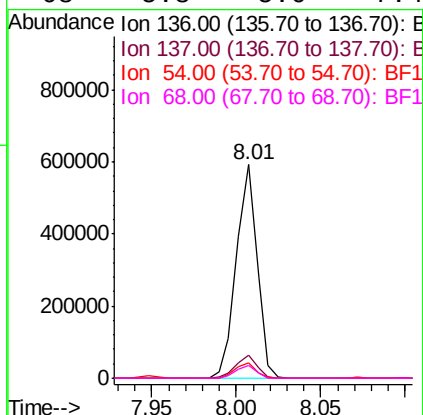
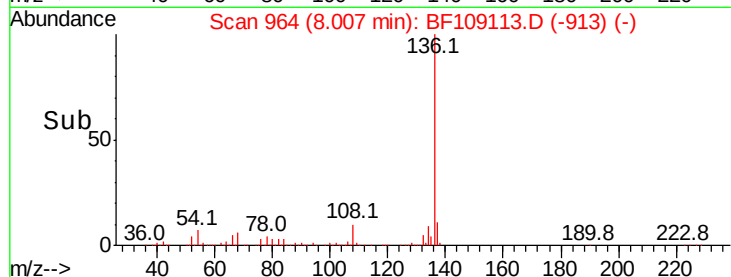
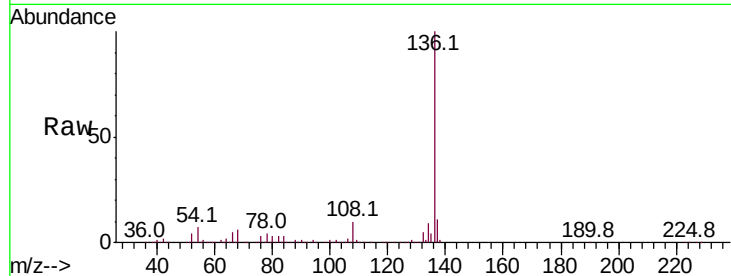
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.01 min Scan# 964
Delta R.T. 0.00 min
Lab File: BF109113.D
Acq: 18 Sep 2018 23:11

Instrument :
BNA_F
ClientSampleId :
BACKFILL-SW2MSD

Tot Ion	Ratio	Resp	Lower	Upper
136	100			
137	10.8	8.9	13.3	
54	6.9	6.6	9.8	
68	5.8	5.0	7.4	

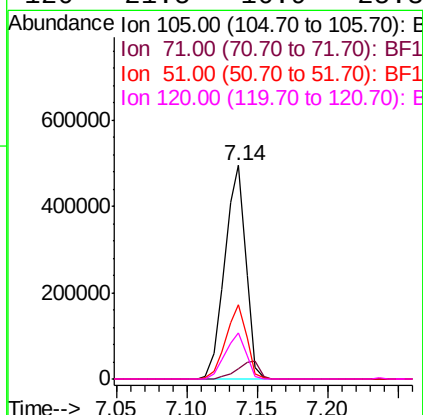
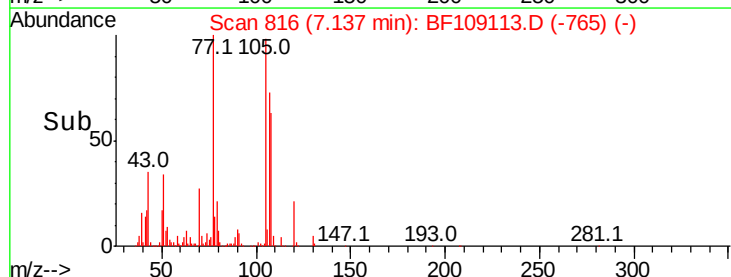
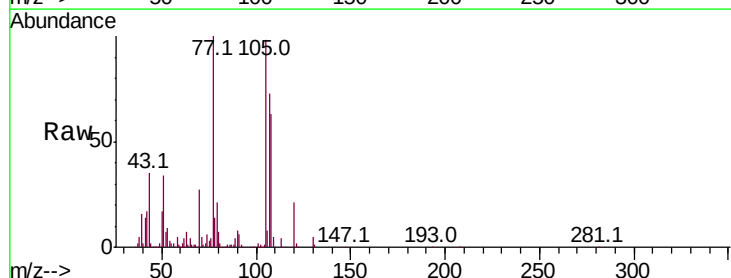
Manual Integrations
APPROVED

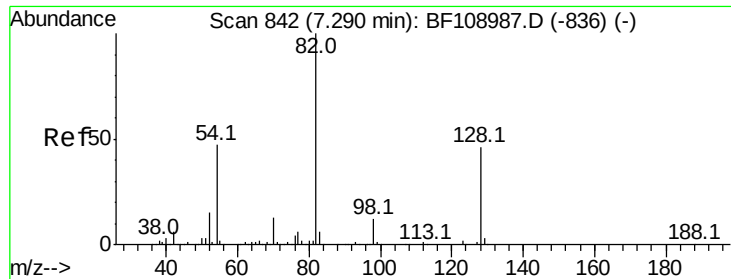
Sohil
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#22
Acetophenone
Concen: 44.388 ng
RT: 7.14 min Scan# 816
Delta R.T. 0.00 min
Lab File: BF109113.D
Acq: 18 Sep 2018 23:11

Tgt Ion	Ratio	Resp	Lower	Upper
105	100			
71	4.6	4.4	6.6	
51	34.9	22.3	33.5	
120	21.5	16.9	25.3	





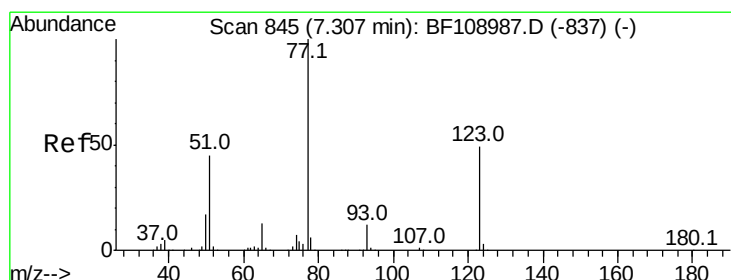
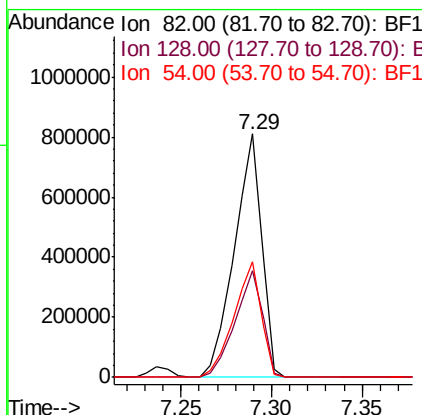
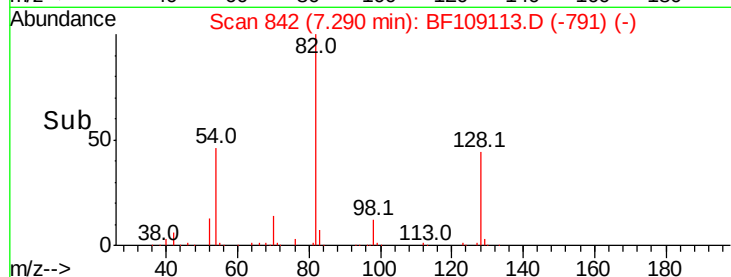
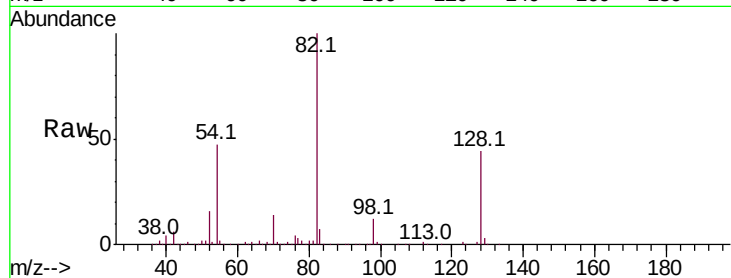
#23
Nitrobenzene-d5
Concen: 93.959 ng
RT: 7.29 min Scan# 842
Delta R.T. 0.00 min
Lab File: BF109113.D
Acq: 18 Sep 2018 23:11

Instrument :
BNA_F
ClientSampleId :
BACKFILL-SW2MSD

Tot Ion	Ratio	Resp	Lower	Upper
82	100			
128	44.0	36.1	54.1	
54	47.3	41.4	62.2	

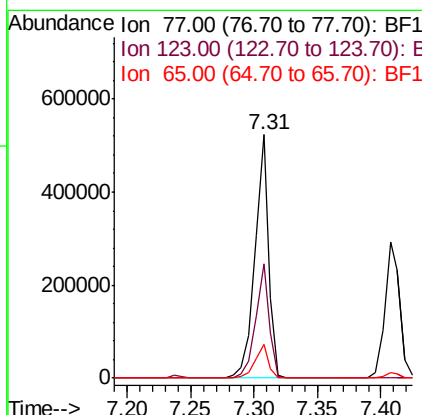
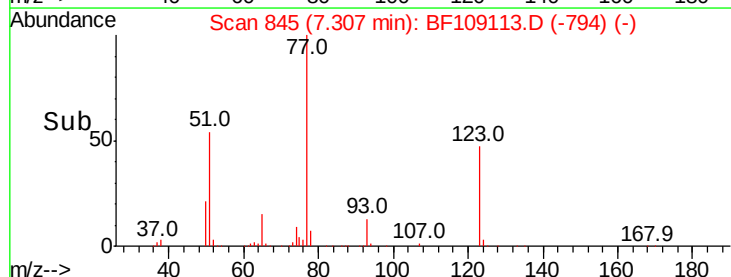
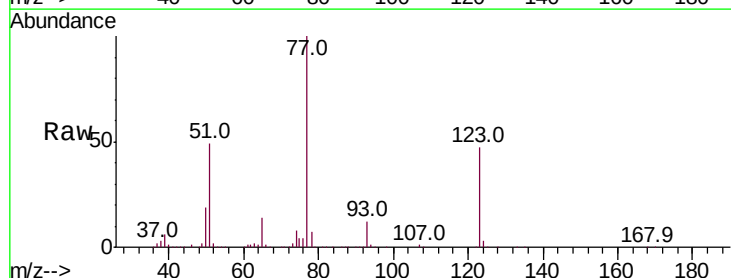
Manual Integrations
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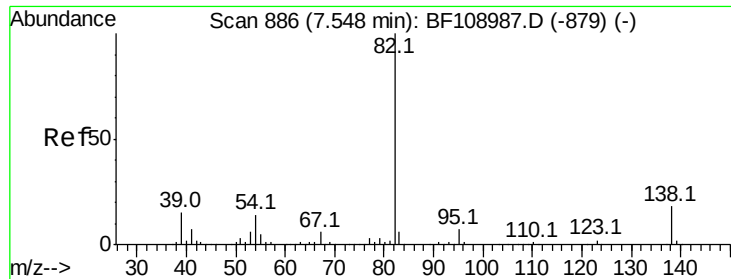
Sohil
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#24
Nitrobenzene
Concen: 42.668 ng
RT: 7.31 min Scan# 845
Delta R.T. 0.00 min
Lab File: BF109113.D
Acq: 18 Sep 2018 23:11

Tgt Ion	Ratio	Resp	Lower	Upper
77	100			
123	47.0	37.9	56.9	
65	13.6	11.0	16.4	





#25

Isophorone

Concen: 46.440 ng

RT: 7.55 min Scan# 886

Delta R.T. 0.00 min

Lab File: BF109113.D

Acq: 18 Sep 2018 23:11

Instrument :

BNA_F

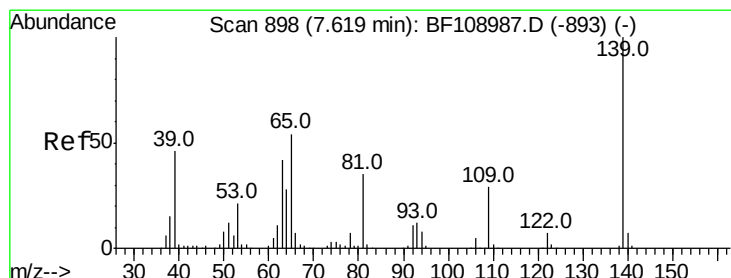
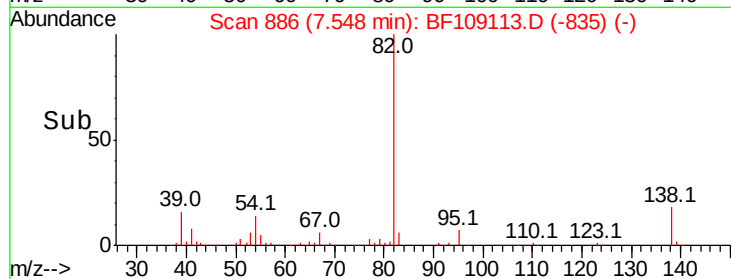
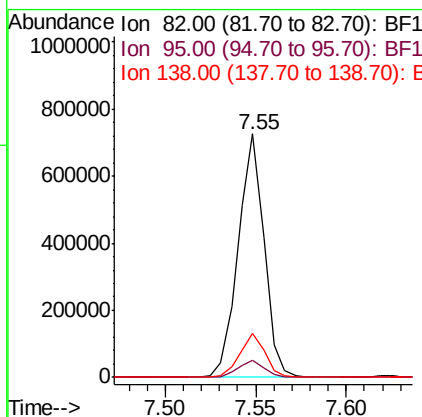
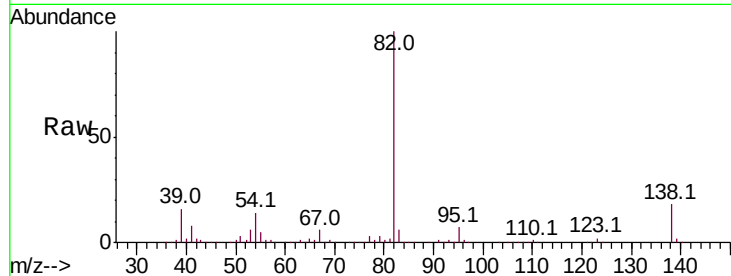
ClientSampleId :

BACKFILL-SW2MSD

Tot Ion:	82	Resp:	721884
Ion Ratio	Lower	Upper	
82	100		
95	7.3	5.2	7.8
138	18.0	14.9	22.3

Manual Integrations
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#26

2-Nitrophenol

Concen: 36.106 ng

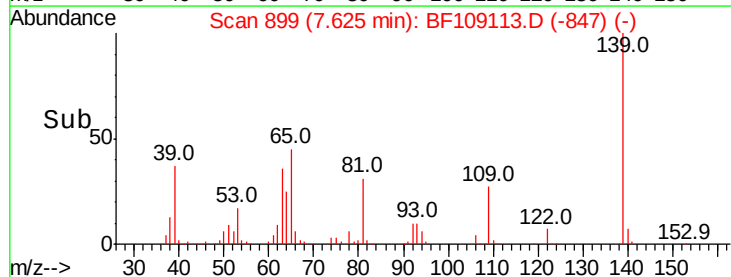
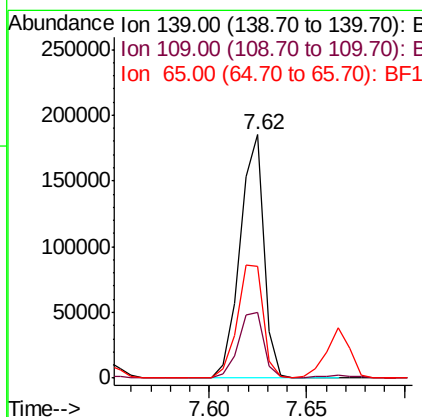
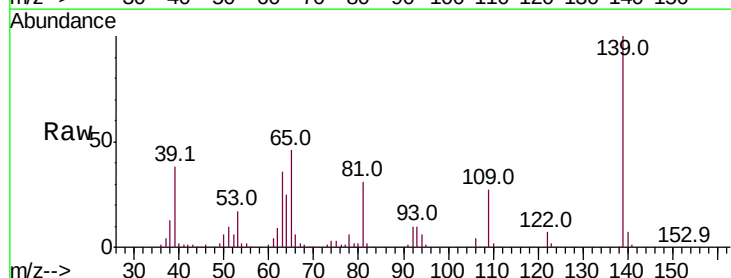
RT: 7.62 min Scan# 899

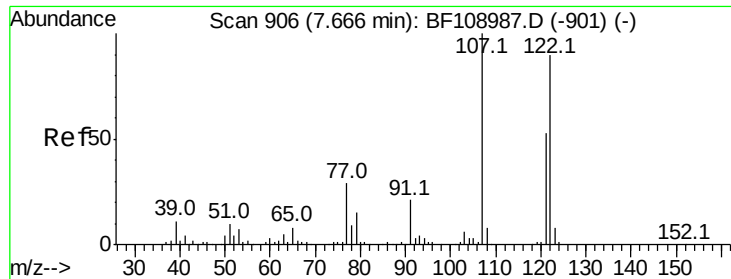
Delta R.T. 0.01 min

Lab File: BF109113.D

Acq: 18 Sep 2018 23:11

Tgt Ion:	139	Resp:	157189
Ion Ratio	Lower	Upper	
139	100		
109	27.1	22.7	34.1
65	45.7	40.5	60.7





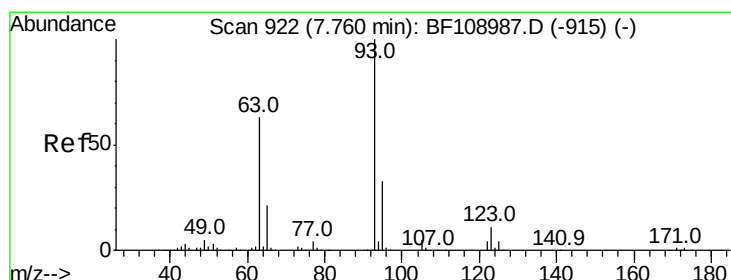
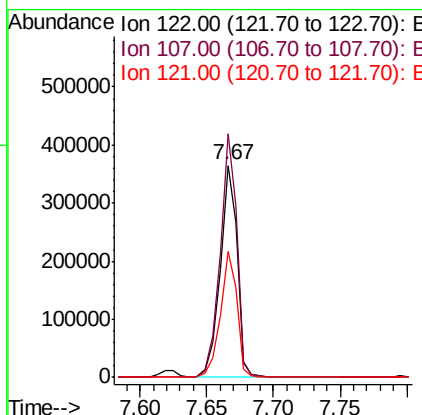
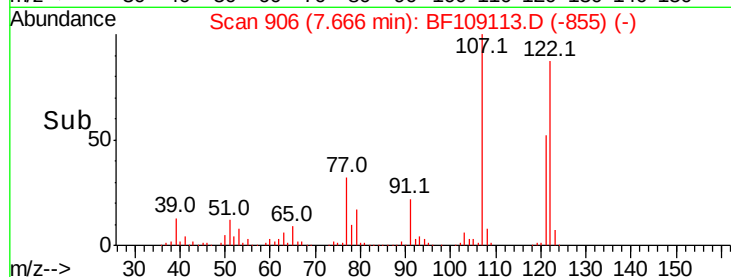
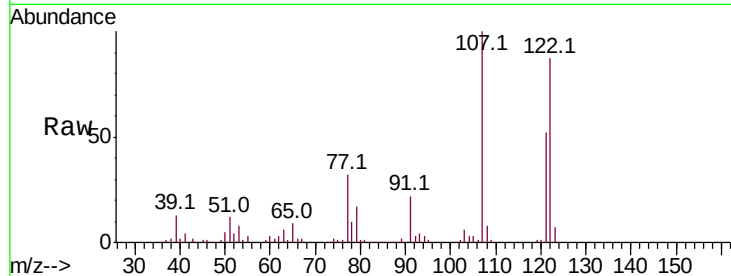
#27
 2,4-Dimethylphenol
 Concen: 48.074 ng
 RT: 7.67 min Scan# 906
 Delta R.T. 0.00 min
 Lab File: BF109113.D
 Acq: 18 Sep 2018 23:11

Instrument :
 BNA_F
 ClientSampleId :
 BACKFILL-SW2MSD

Tot Ion:	122	Resp:	328296
Ion Ratio	Lower	Upper	
122	100		
107	114.9	91.2	136.8
121	59.4	47.2	70.8

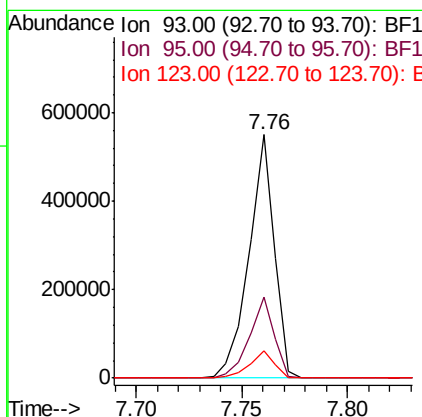
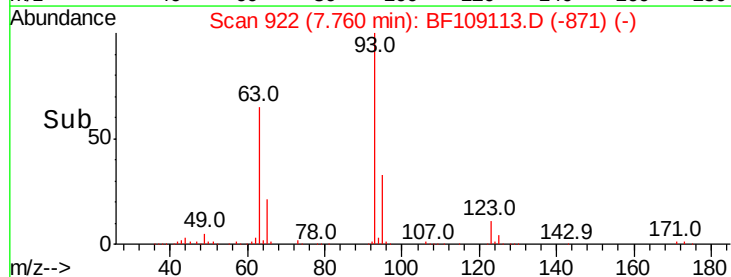
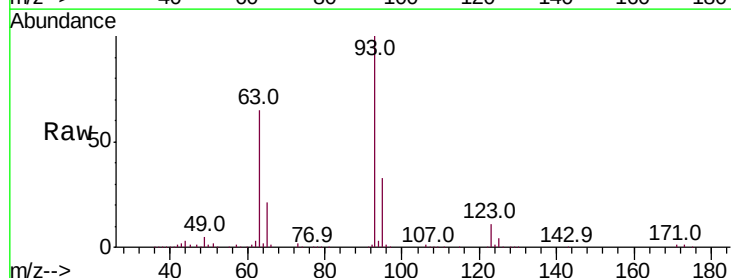
Manual Integrations
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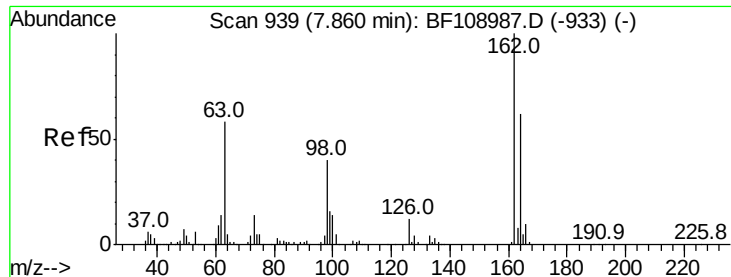
Sohil
 9/19/2018 4:24:00 PM



#28
 bis(2-Chloroethoxy)methane
 Concen: 43.983 ng
 RT: 7.76 min Scan# 922
 Delta R.T. 0.00 min
 Lab File: BF109113.D
 Acq: 18 Sep 2018 23:11

Tgt Ion:	93	Resp:	460090
Ion Ratio	Lower	Upper	
93	100		
95	33.2	26.3	39.5
123	11.2	9.8	14.6





#29

2,4-Dichlorophenol

Concen: 40.359 ng

RT: 7.87 min Scan# 940

Delta R.T. 0.01 min

Lab File: BF109113.D

Acq: 18 Sep 2018 23:11

Instrument :

BNA_F

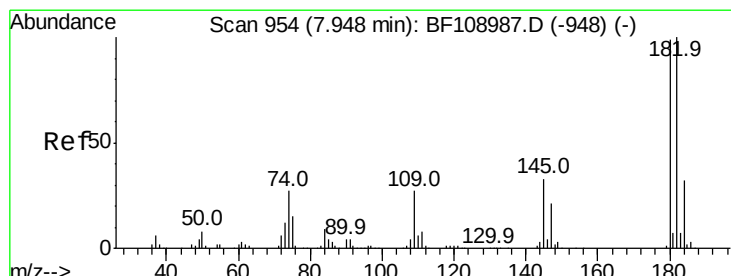
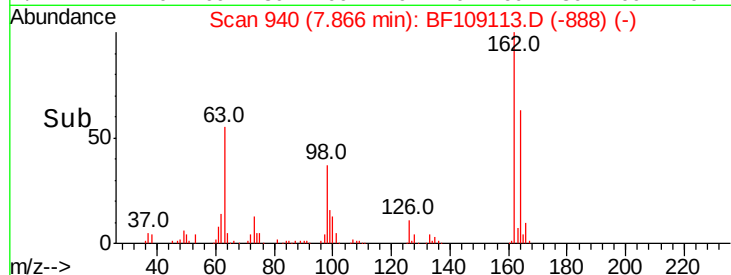
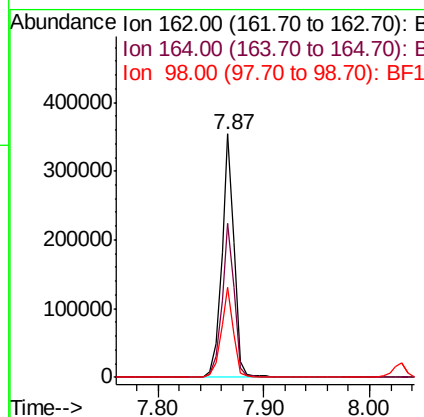
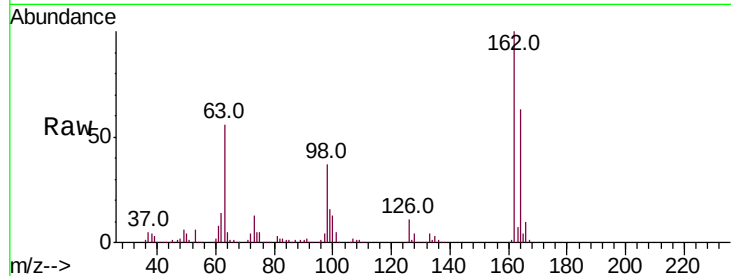
ClientSampleId :

BACKFILL-SW2MSD

Tot Ion:	162	Resp:	293700
Ion Ratio	Lower	Upper	
162	100		
164	63.2	42.7	82.7
98	37.0	18.1	58.1

Manual Integrations
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#30

1,2,4-Trichlorobenzene

Concen: 40.156 ng

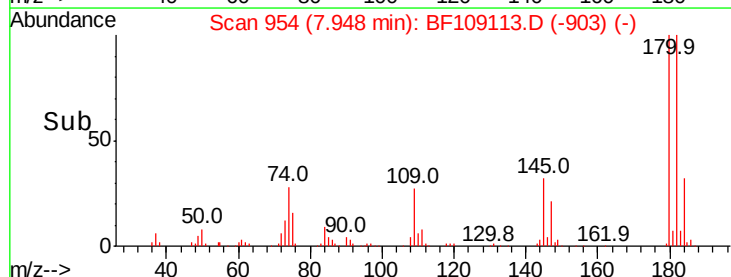
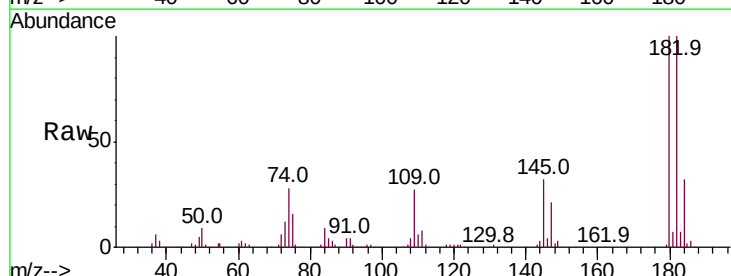
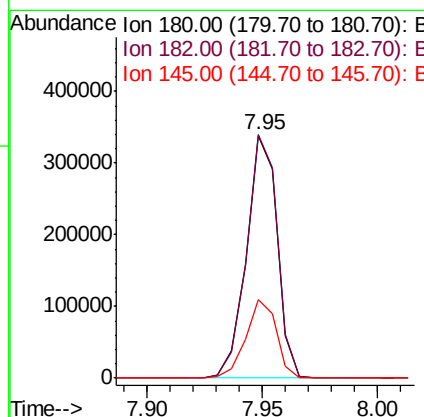
RT: 7.95 min Scan# 954

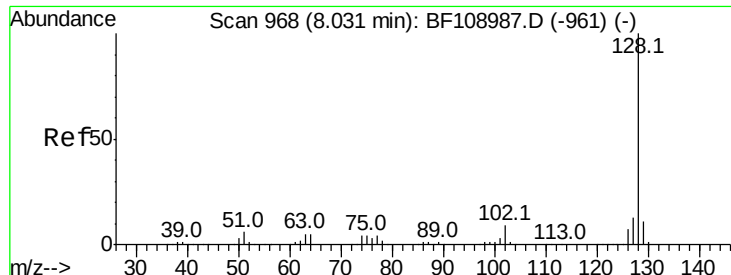
Delta R.T. 0.00 min

Lab File: BF109113.D

Acq: 18 Sep 2018 23:11

Tgt Ion:	180	Resp:	315884
Ion Ratio	Lower	Upper	
180	100		
182	100.2	76.8	115.2
145	32.5	26.5	39.7





#31

Naphthalene

Concen: 53.780 ng

RT: 8.03 min Scan# 968

Delta R.T. 0.00 min

Lab File: BF109113.D

Acq: 18 Sep 2018 23:11

Instrument :

BNA_F

ClientSampleId :

BACKFILL-SW2MSD

Tot Ion:128 Resp: 1266048

Ion Ratio Lower Upper

128 100

129 11.3 8.8 13.2

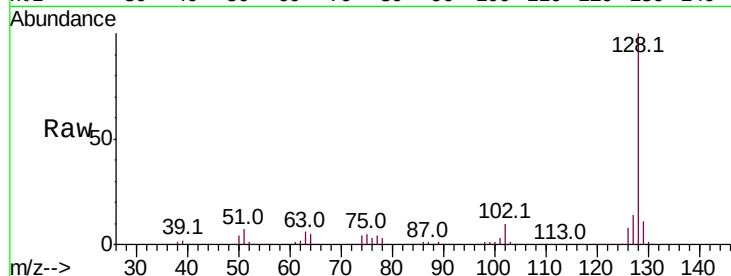
127 13.8 10.9 16.3

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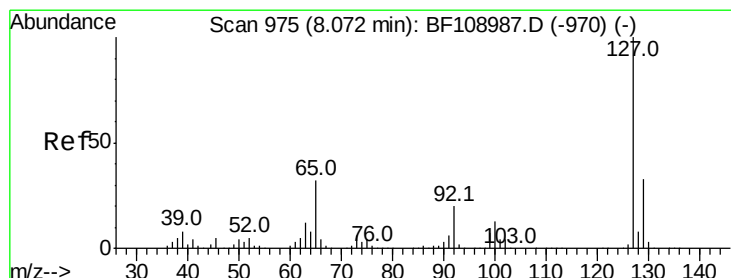
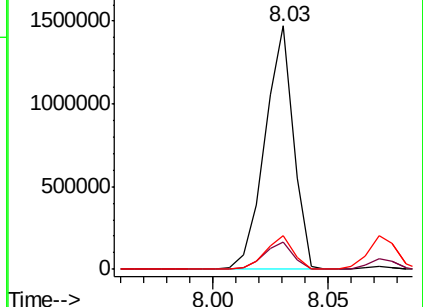
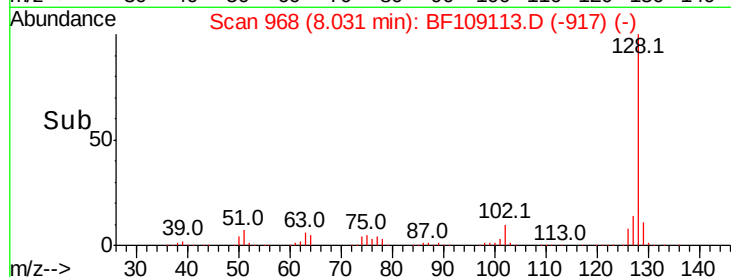
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Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#33

4-Chloroaniline

Concen: 17.301 ng

RT: 8.07 min Scan# 975

Delta R.T. 0.00 min

Lab File: BF109113.D

Acq: 18 Sep 2018 23:11

Tgt Ion:127 Resp: 181084

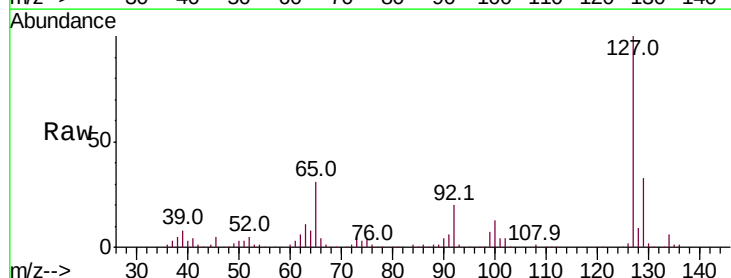
Ion Ratio Lower Upper

127 100

129 33.3 25.9 38.9

65 30.6 25.0 37.4

92 19.6 15.2 22.8

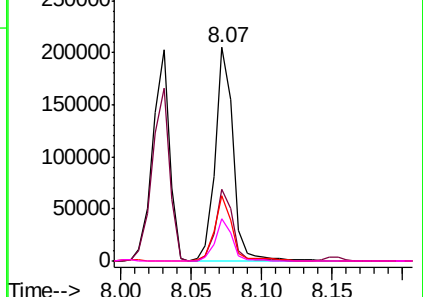
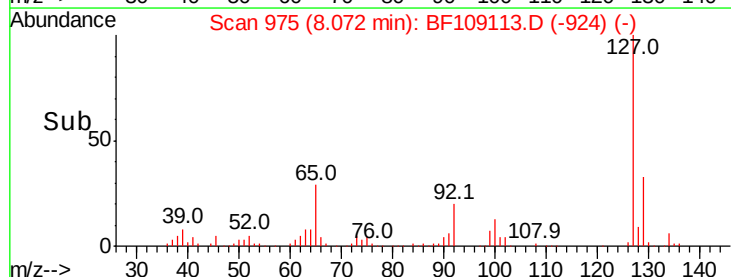


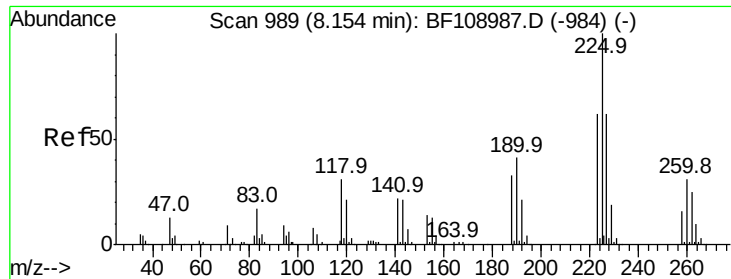
Abundance Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 65.00 (64.70 to 65.70): BF1

Ion 92.00 (91.70 to 92.70): BF1





#34

Hexachlorobutadiene

Concen: 39.797 ng

RT: 8.15 min Scan# 989

Delta R.T. 0.00 min

Lab File: BF109113.D

Acq: 18 Sep 2018 23:11

Instrument :

BNA_F

ClientSampleId :

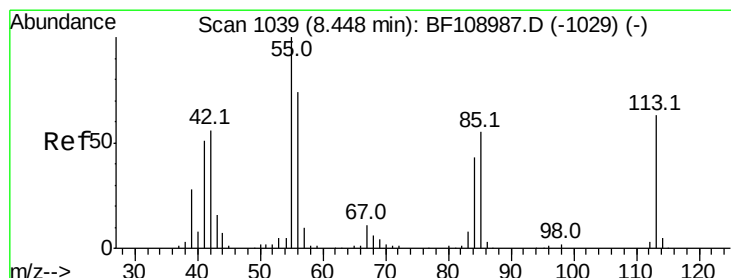
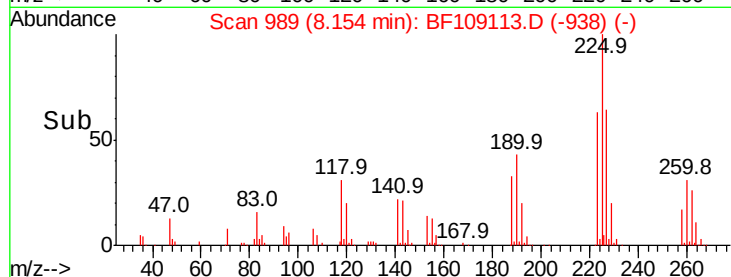
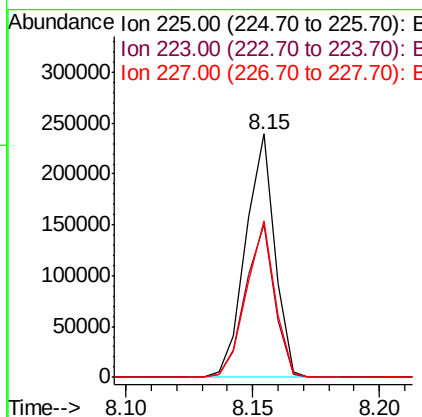
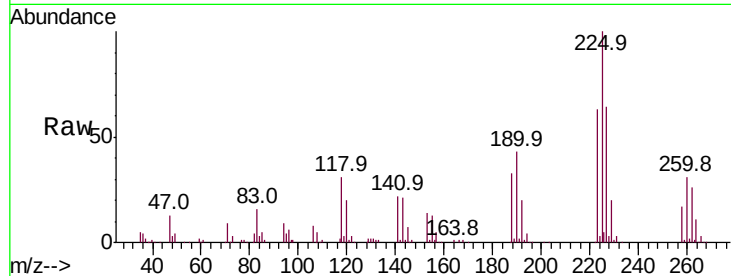
BACKFILL-SW2MSD

Tot Ion:	225	Resp:	191124
Ion Ratio	Lower	Upper	
225	100		
223	63.0	50.6	76.0
227	64.1	51.9	77.9

Manual Integrations
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#35

Caprolactam

Concen: 36.322 ng m

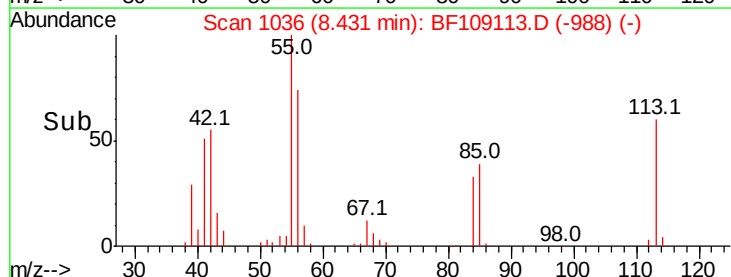
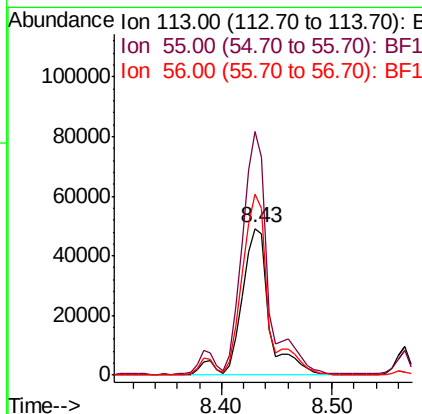
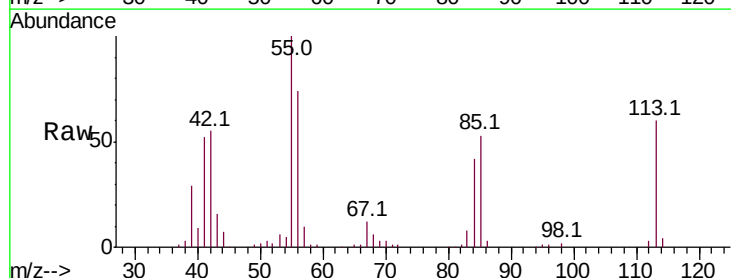
RT: 8.43 min Scan# 1036

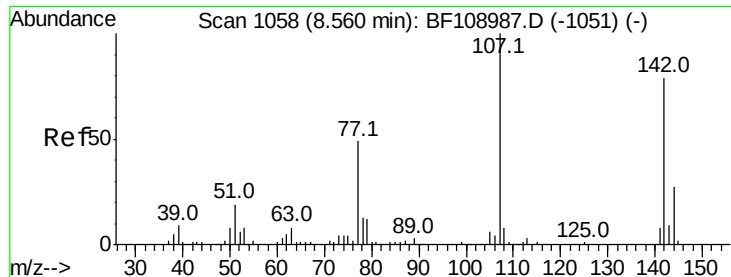
Delta R.T. -0.02 min

Lab File: BF109113.D

Acq: 18 Sep 2018 23:11

Tgt Ion:	113	Resp:	86176
Ion Ratio	Lower	Upper	
113	100		
55	166.2	163.3	203.3
56	123.0	115.7	155.7





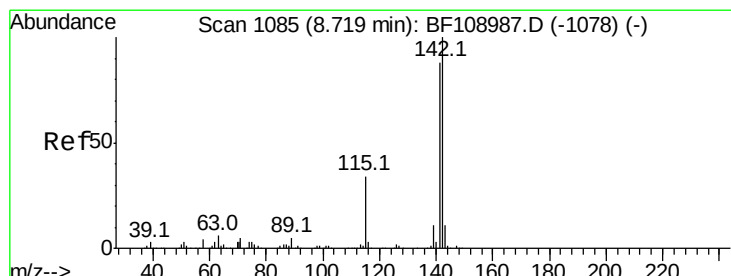
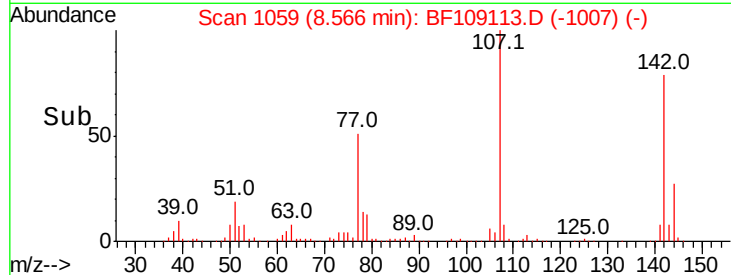
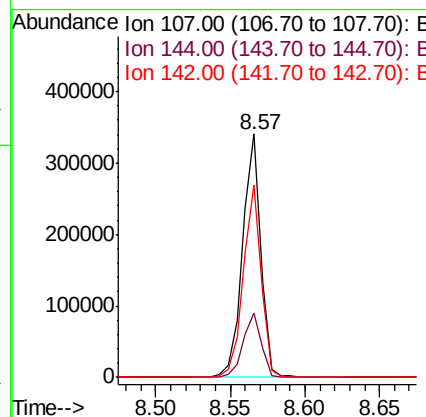
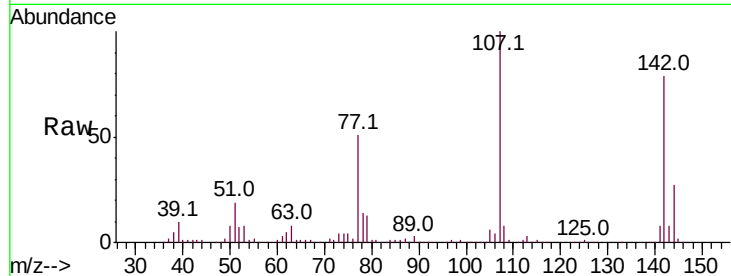
#36
 4-Chloro-3-methylphenol
 Concen: 38.142 ng
 RT: 8.57 min Scan# 1059
 Delta R.T. 0.01 min
 Lab File: BF109113.D
 Acq: 18 Sep 2018 23:11

Instrument :
 BNA_F
 ClientSampleId :
 BACKFILL-SW2MSD

Tot Ion:	107	Resp:	292200
Ion Ratio	Lower	Upper	
107	100		
144	26.6	20.5	30.7
142	78.9	62.0	93.0

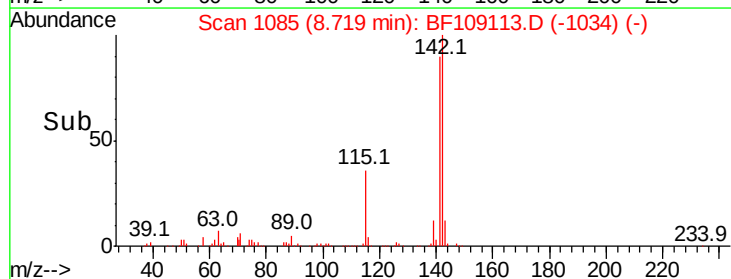
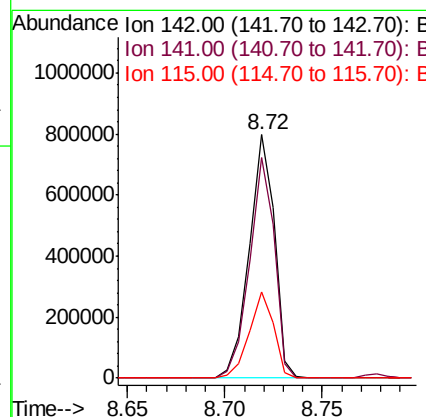
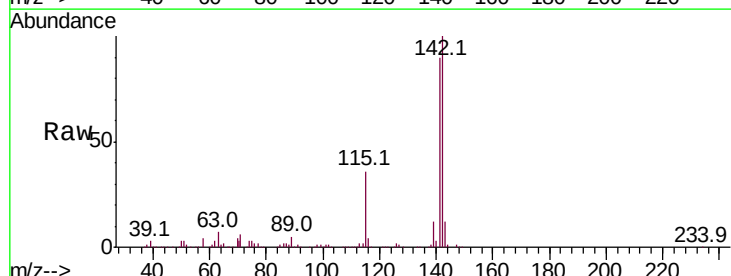
Manual Integrations
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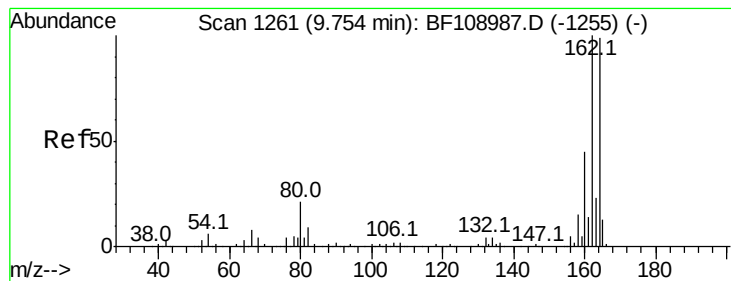
Sohil
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#37
 2-Methylnaphthalene
 Concen: 46.532 ng
 RT: 8.72 min Scan# 1085
 Delta R.T. 0.00 min
 Lab File: BF109113.D
 Acq: 18 Sep 2018 23:11

Tgt Ion:	142	Resp:	714067
Ion Ratio	Lower	Upper	
142	100		
141	90.4	70.8	106.2
115	35.6	26.1	39.1





#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.75 min Scan# 1261

Delta R.T. 0.00 min

Lab File: BF109113.D

Acq: 18 Sep 2018 23:11

Instrument :

BNA_F

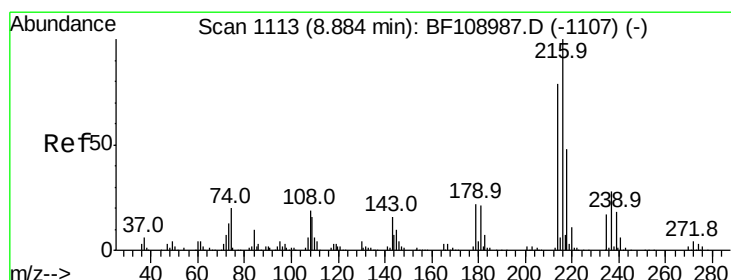
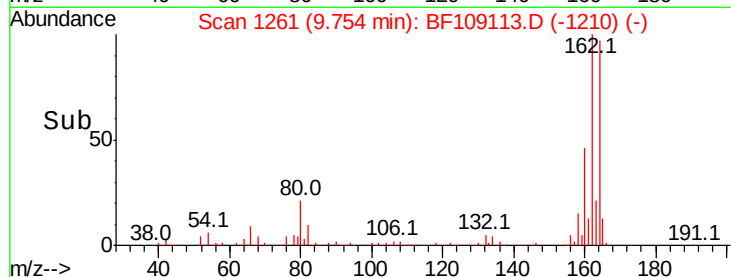
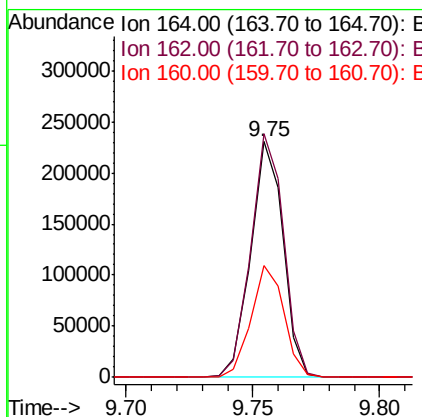
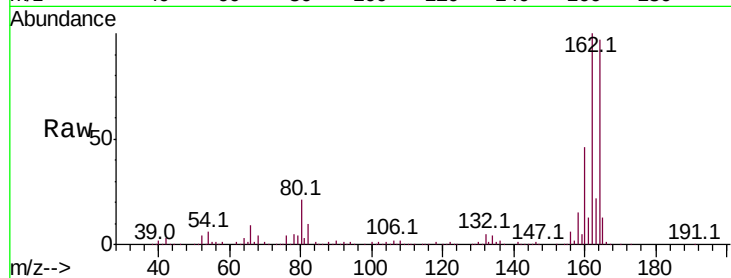
ClientSampleId :

BACKFILL-SW2MSD

Tot Ion:	164	Resp:	205441
Ion Ratio	Lower	Upper	
164	100		
162	103.2	86.1	129.1
160	47.3	38.3	57.5

Manual Integrations
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#39

1,2,4,5-Tetrachlorobenzene

Concen: 45.366 ng

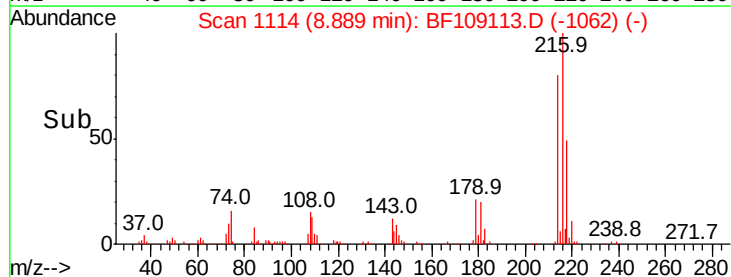
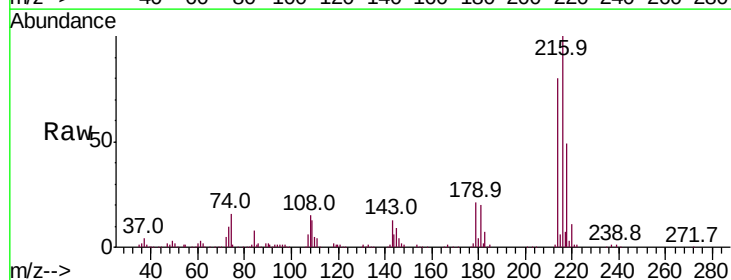
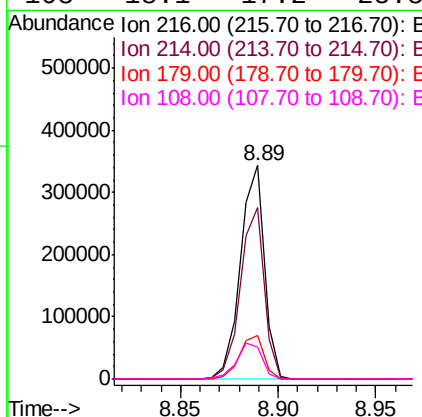
RT: 8.89 min Scan# 1114

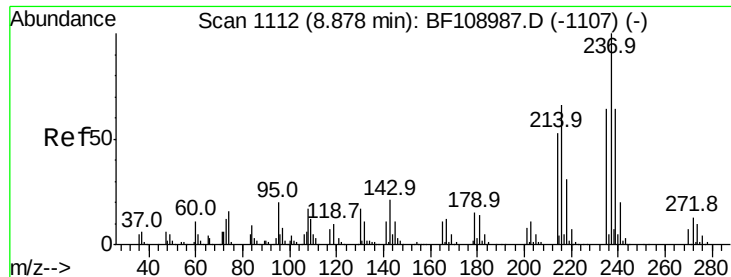
Delta R.T. 0.01 min

Lab File: BF109113.D

Acq: 18 Sep 2018 23:11

Tgt Ion:	216	Resp:	293338
Ion Ratio	Lower	Upper	
216	100		
214	79.6	63.0	94.4
179	20.9	18.1	27.1
108	18.1	17.2	25.8





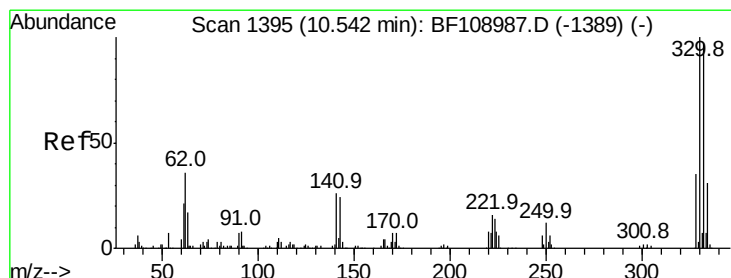
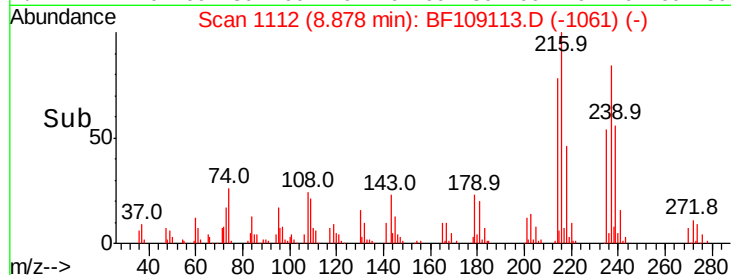
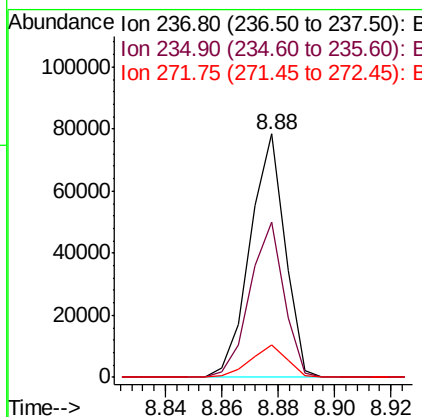
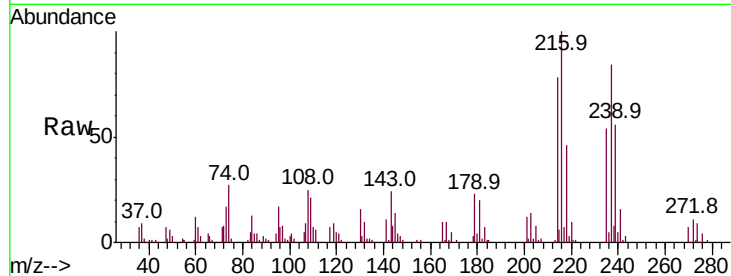
#40
 Hexachlorocyclopentadiene
 Concen: 20.655 ng
 RT: 8.88 min Scan# 1112
 Delta R.T. 0.00 min
 Lab File: BF109113.D
 Acq: 18 Sep 2018 23:11

Instrument :
 BNA_F
 ClientSampleId :
 BACKFILL-SW2MSD

Tot Ion:	237	Resp:	67290
Ion Ratio	Lower	Upper	
237	100		
235	63.9	44.8	84.8
272	13.5	0.0	33.3

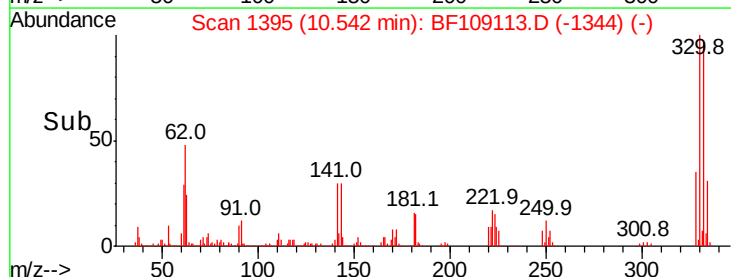
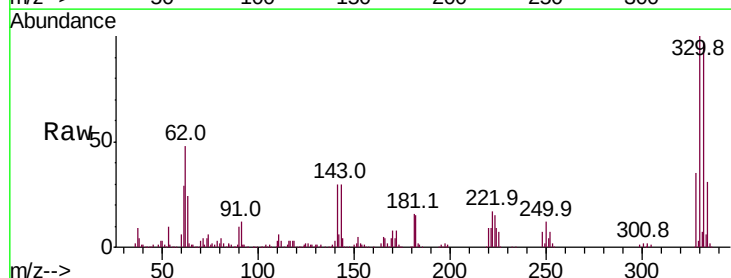
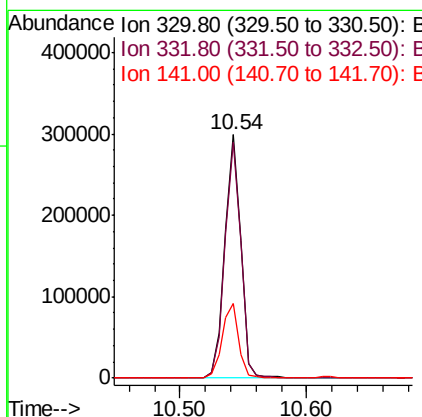
Manual Integrations
 APPROVED

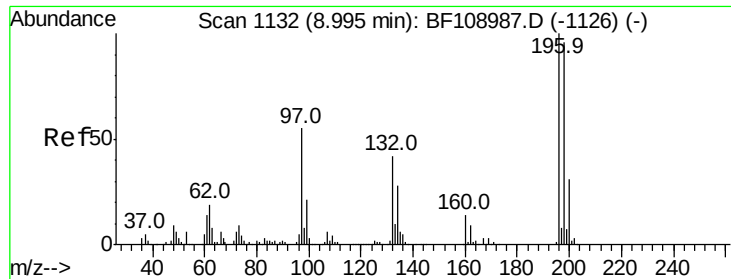
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#41
 2,4,6-Tribromophenol
 Concen: 118.041 ng
 RT: 10.54 min Scan# 1395
 Delta R.T. 0.00 min
 Lab File: BF109113.D
 Acq: 18 Sep 2018 23:11

Tgt Ion:	330	Resp:	263182
Ion Ratio	Lower	Upper	
330	100		
332	97.0	77.0	115.6
141	32.2	29.9	44.9





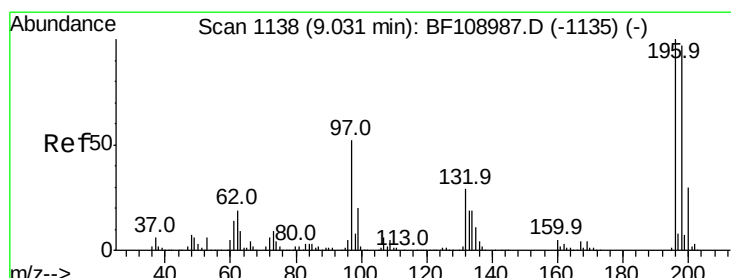
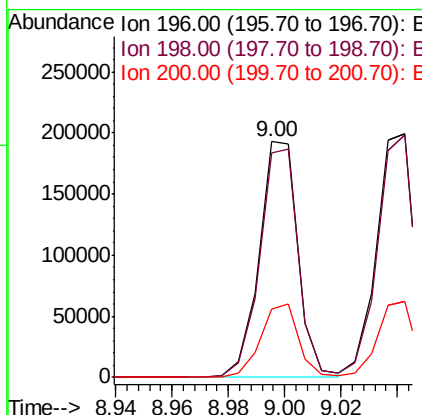
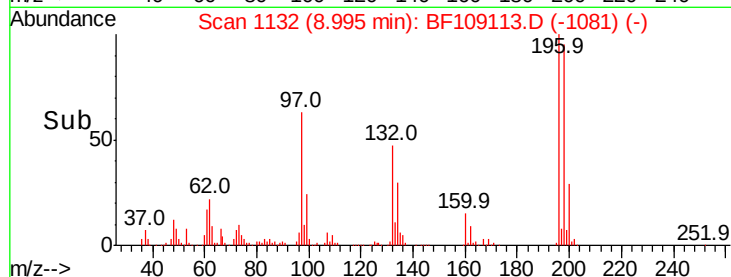
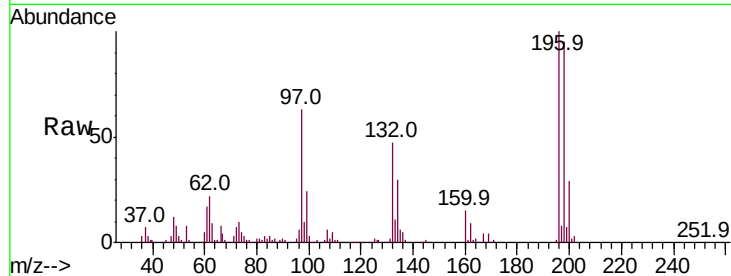
#42
 2,4,6-Trichlorophenol
 Concen: 42.232 ng
 RT: 9.00 min Scan# 1132
 Delta R.T. 0.00 min
 Lab File: BF109113.D
 Acq: 18 Sep 2018 23:11

Instrument :
 BNA_F
 ClientSampleId :
 BACKFILL-SW2MSD

Tot Ion	Ratio	Resp	Lower	Upper
196	100	183545		
198	95.1	75.7	113.5	
200	29.1	24.5	36.7	

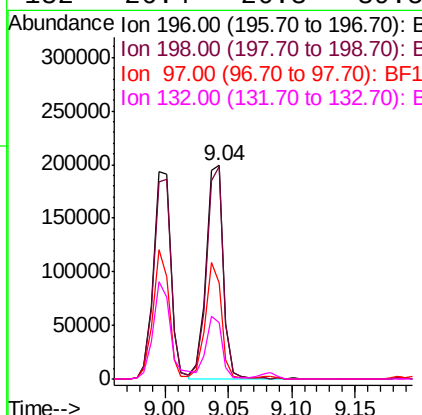
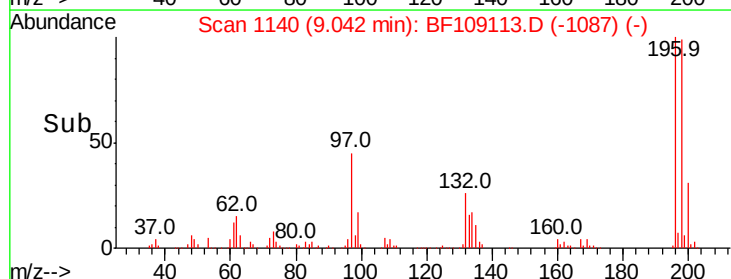
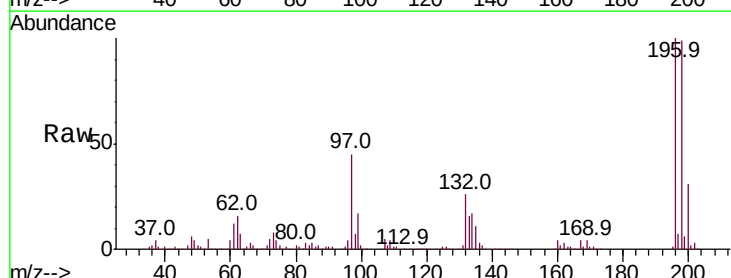
Manual Integrations
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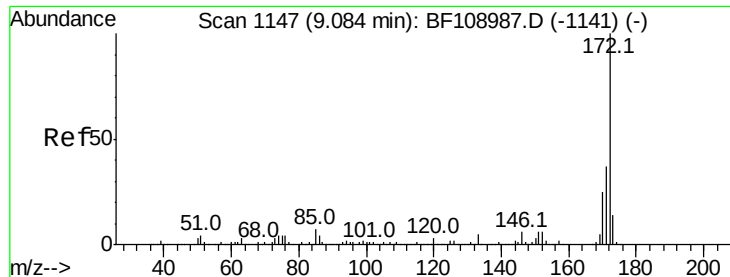
Sohil
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#43
 2,4,5-Trichlorophenol
 Concen: 42.155 ng
 RT: 9.04 min Scan# 1140
 Delta R.T. 0.01 min
 Lab File: BF109113.D
 Acq: 18 Sep 2018 23:11

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	191457		
198	99.3	74.6	112.0	
97	44.8	42.9	64.3	
132	26.4	26.3	39.5	





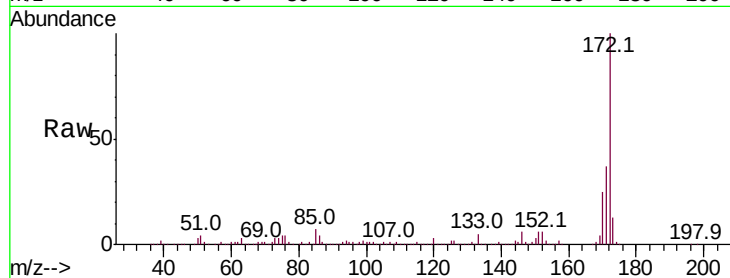
#44
2-Fluorobiphenyl
Concen: 96.155 ng
RT: 9.08 min Scan# 1147
Delta R.T. 0.00 min
Lab File: BF109113.D
Acq: 18 Sep 2018 23:11

Instrument :
BNA_F
ClientSampleId :
BACKFILL-SW2MSD

Tot Ion	Ratio	Lower	Upper
172	100		
171	36.5	29.7	44.5
170	24.7	19.6	29.4

Manual Integrations
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9/19/2018 4:24:00 PM

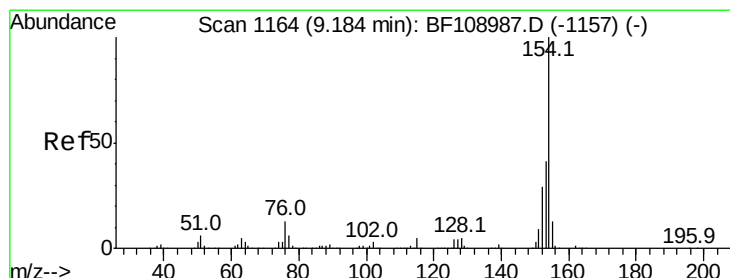
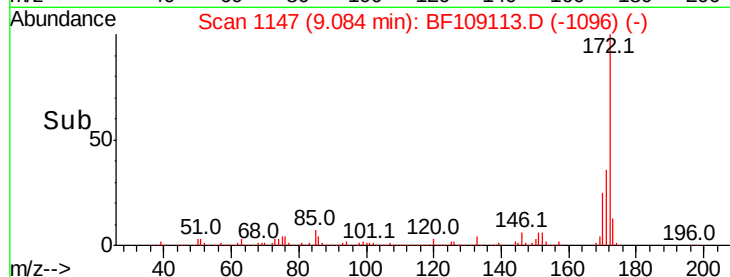
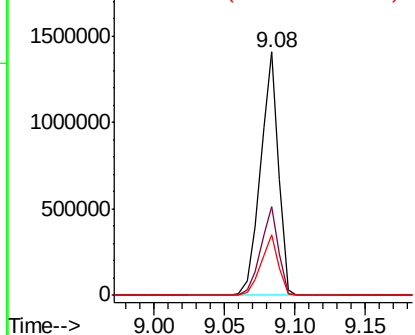


Abundance

Ion 172.00 (171.70 to 172.70): E

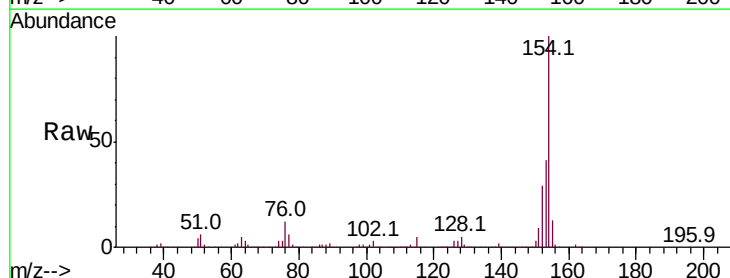
Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E



#45
1,1'-Biphenyl
Concen: 47.130 ng
RT: 9.18 min Scan# 1164
Delta R.T. 0.00 min
Lab File: BF109113.D
Acq: 18 Sep 2018 23:11

Tgt Ion	Ratio	Lower	Upper
154	100		
153	40.9	21.3	61.3
76	12.3	0.0	34.0

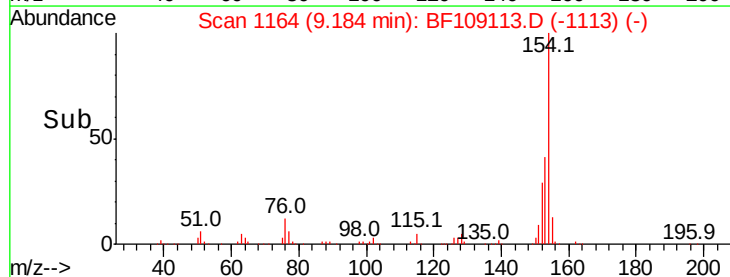
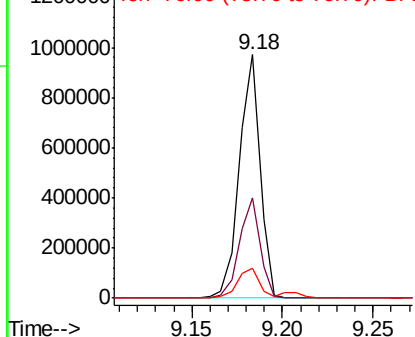


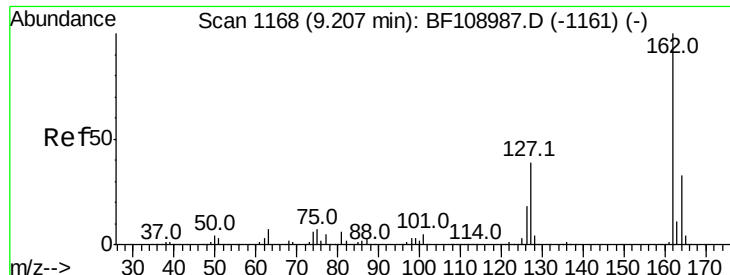
Abundance

Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF1





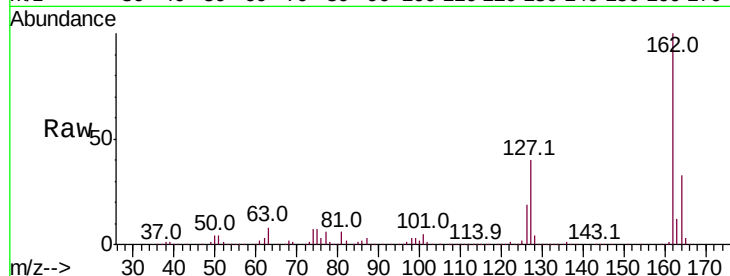
#46
2-Chloronaphthalene
Concen: 43.642 ng
RT: 9.21 min Scan# 1168
Delta R.T. 0.00 min
Lab File: BF109113.D
Acq: 18 Sep 2018 23:11

Instrument :
BNA_F
ClientSampleId :
BACKFILL-SW2MSD

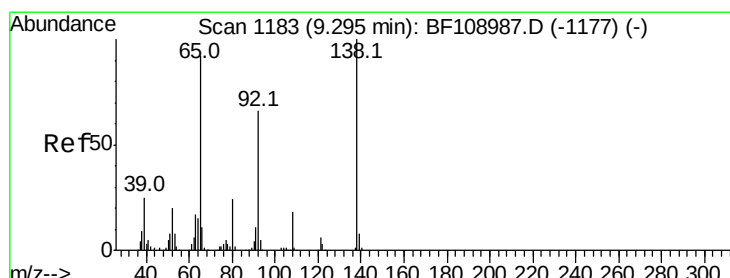
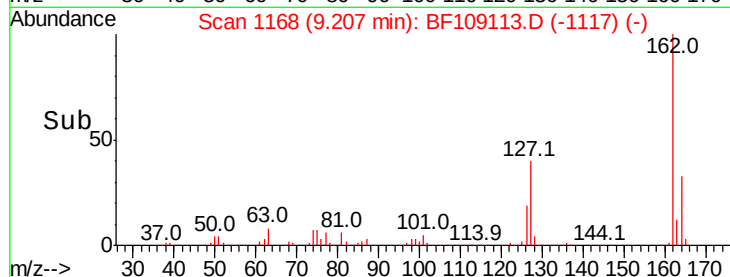
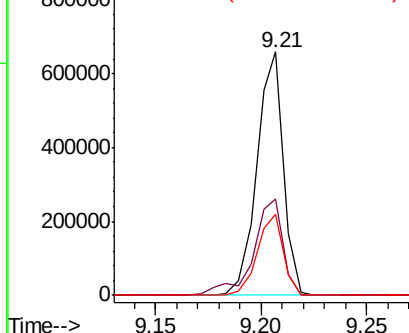
Tot Ion	Ratio	Resp	Lower	Upper
162	100	574460		
127	39.6		33.9	50.9
164	33.0		26.5	39.7

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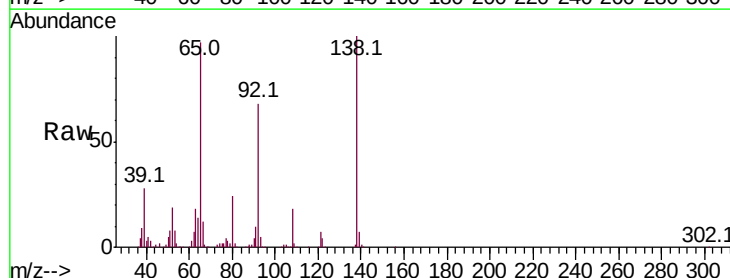


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 127.00 (126.70 to 127.70): E
Ion 164.00 (163.70 to 164.70): E

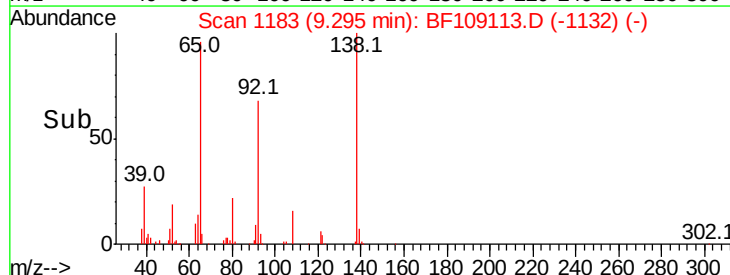
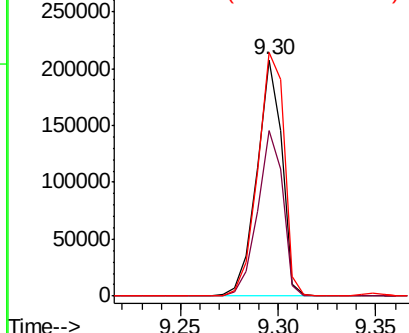


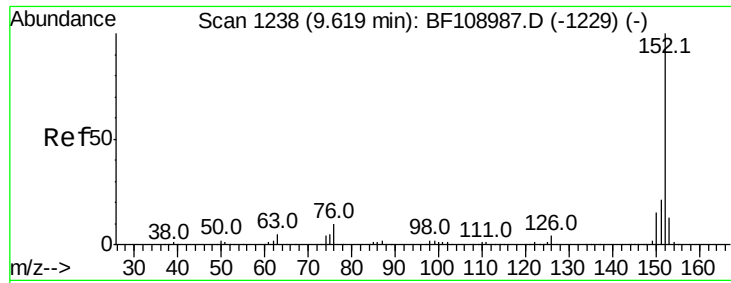
#47
2-Nitroaniline
Concen: 45.856 ng
RT: 9.30 min Scan# 1183
Delta R.T. 0.00 min
Lab File: BF109113.D
Acq: 18 Sep 2018 23:11

Tgt Ion	Ratio	Resp	Lower	Upper
65	100	185560		
92	69.8		55.8	83.6
138	103.1		91.2	136.8



Abundance Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1
Ion 138.00 (137.70 to 138.70): E





#48

Acenaphthylene

Concen: 45.522 ng

RT: 9.62 min Scan# 1238

Delta R.T. 0.00 min

Lab File: BF109113.D

Acq: 18 Sep 2018 23:11

Instrument :

BNA_F

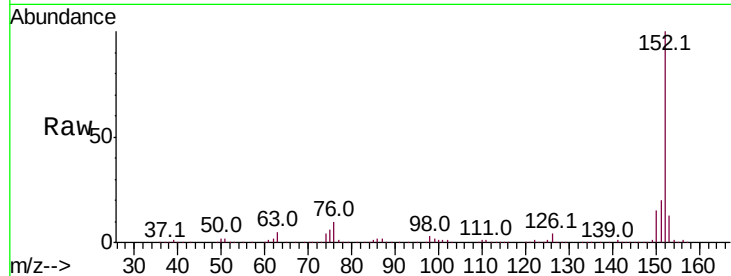
ClientSampleId :

BACKFILL-SW2MSD

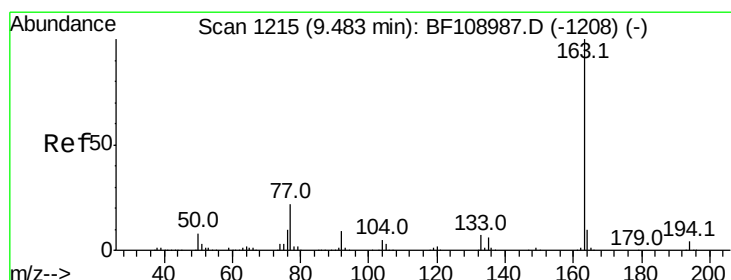
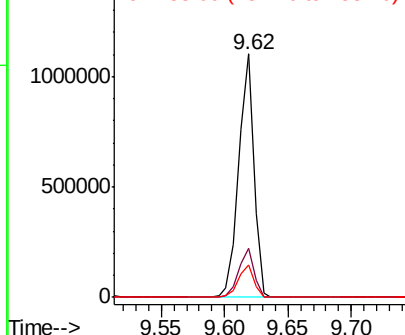
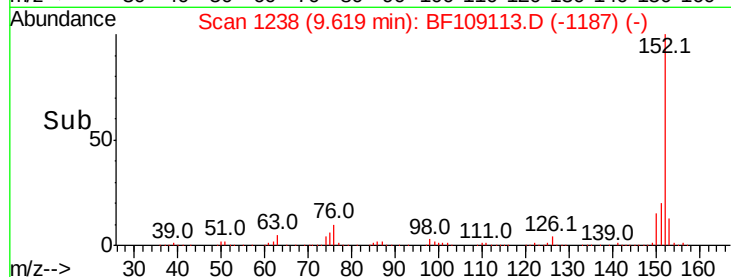
Tot Ion:	152	Resp:	903431
Ion Ratio	Lower	Upper	
152	100		
151	20.3	16.3	24.5
153	13.4	10.7	16.1

Manual Integrations
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Abundance Ion 152.00 (151.70 to 152.70): E
1500000
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E



#49

Dimethylphthalate

Concen: 55.144 ng

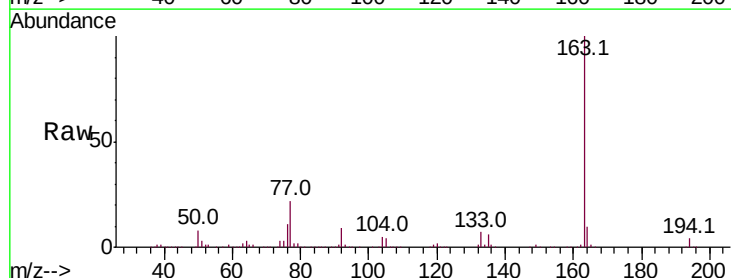
RT: 9.48 min Scan# 1215

Delta R.T. 0.00 min

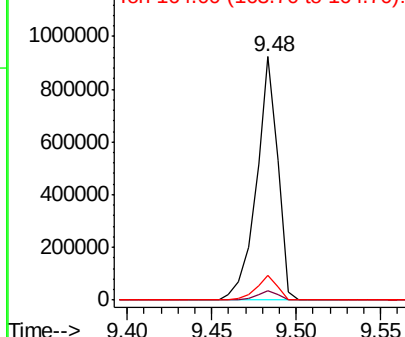
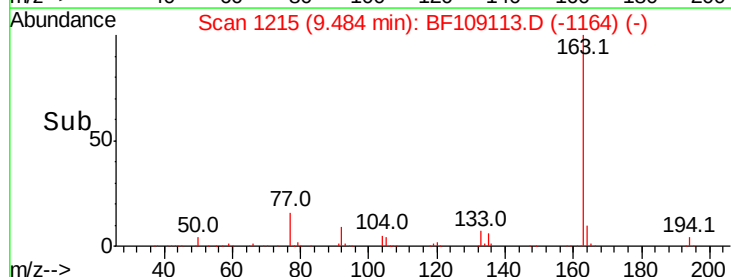
Lab File: BF109113.D

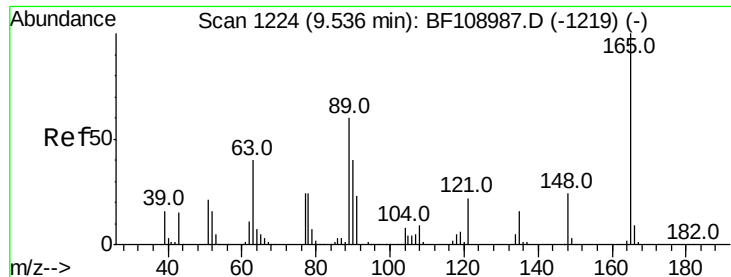
Acq: 18 Sep 2018 23:11

Tgt Ion:	163	Resp:	809710
Ion Ratio	Lower	Upper	
163	100		
194	3.9	2.7	4.1
164	10.4	8.2	12.2



Abundance Ion 163.00 (162.70 to 163.70): E
1200000
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E





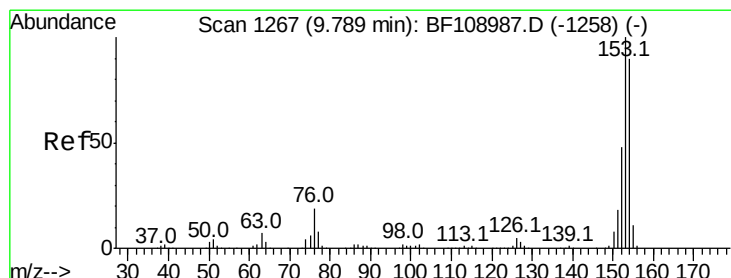
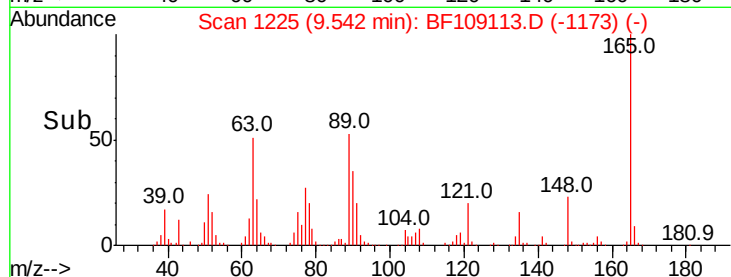
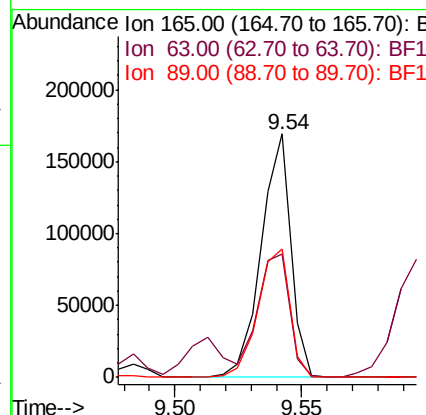
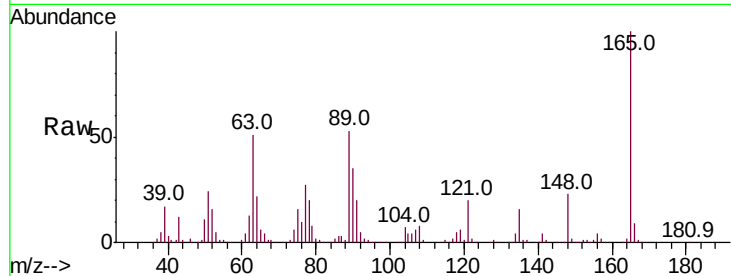
#50
2,6-Dinitrotoluene
Concen: 42.561 ng
RT: 9.54 min Scan# 1225
Delta R.T. 0.01 min
Lab File: BF109113.D
Acq: 18 Sep 2018 23:11

Instrument :
BNA_F
ClientSampleId :
BACKFILL-SW2MSD

Tot Ion	Ratio	Resp	Lower	Upper
165	100			
63	50.8	44.7	67.1	
89	52.7	44.0	66.0	

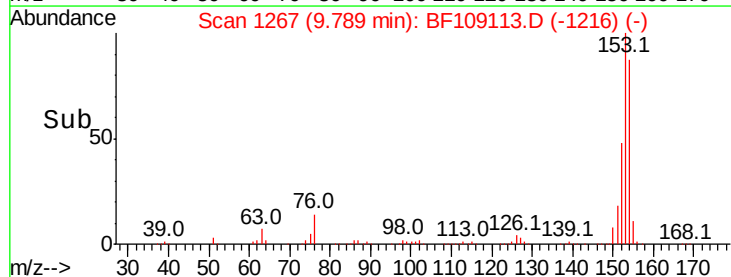
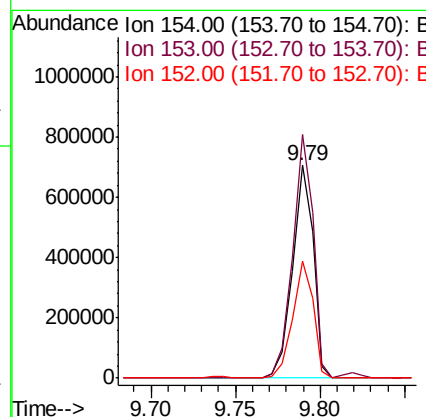
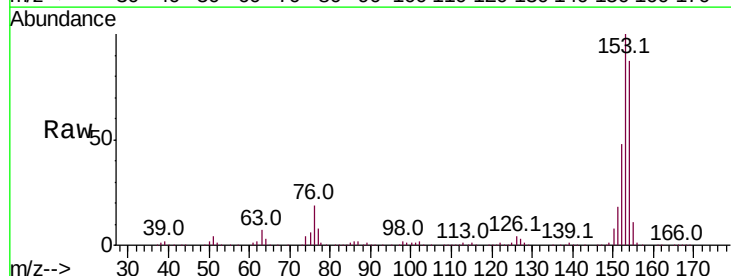
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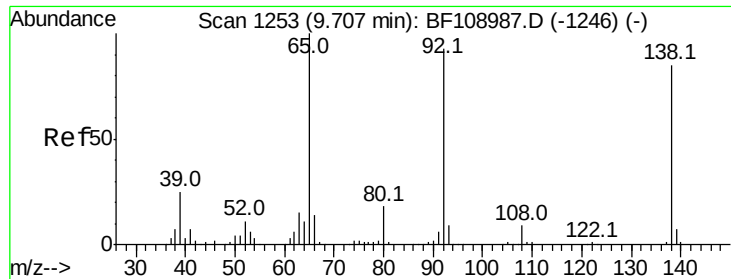
Sohil
9/19/2018 4:24:00 PM



#51
Acenaphthene
Concen: 48.391 ng
RT: 9.79 min Scan# 1267
Delta R.T. 0.00 min
Lab File: BF109113.D
Acq: 18 Sep 2018 23:11

Tgt Ion	Ratio	Resp	Lower	Upper
154	100			
153	114.6	91.2	136.8	
152	55.1	43.8	65.8	





#52

3-Nitroaniline

Concen: 37.313 ng

RT: 9.71 min Scan# 1253

Delta R.T. 0.00 min

Lab File: BF109113.D

Acq: 18 Sep 2018 23:11

Instrument :

BNA_F

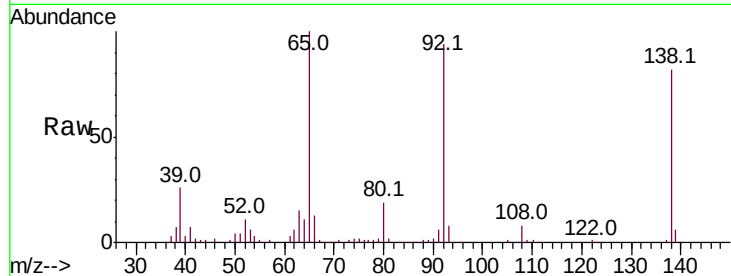
ClientSampleId :

BACKFILL-SW2MSD

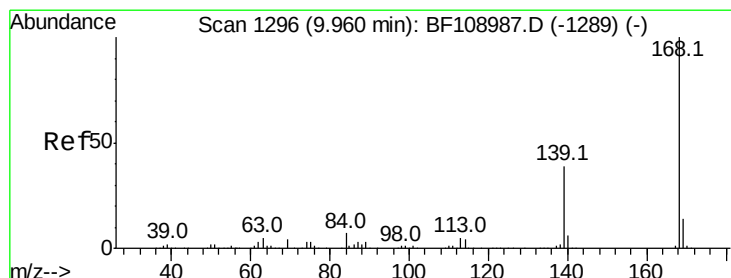
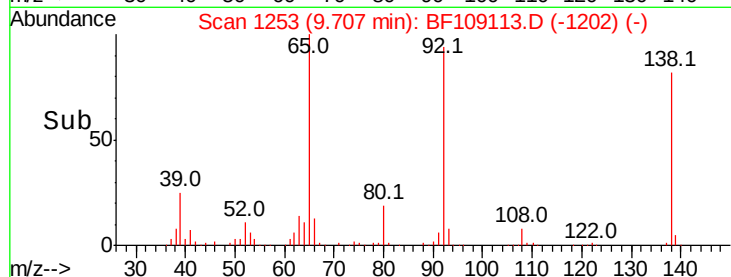
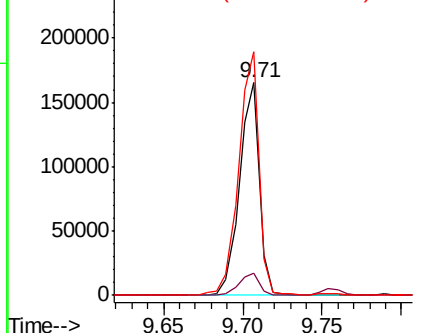
Tot Ion:	138	Resp:	143072
Ion Ratio	Lower	Upper	
138	100		
108	10.3	9.4	14.0
92	114.6	89.4	134.2

Manual Integrations
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Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BF1



#54

Dibenzofuran

Concen: 49.579 ng

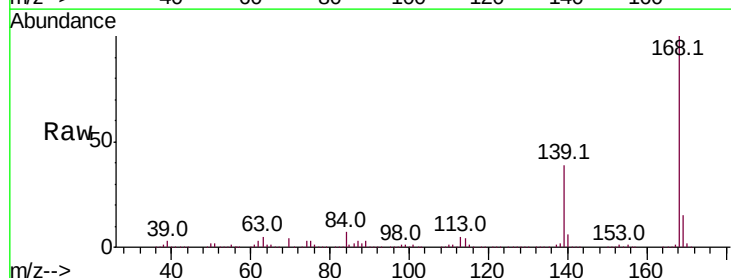
RT: 9.96 min Scan# 1296

Delta R.T. 0.00 min

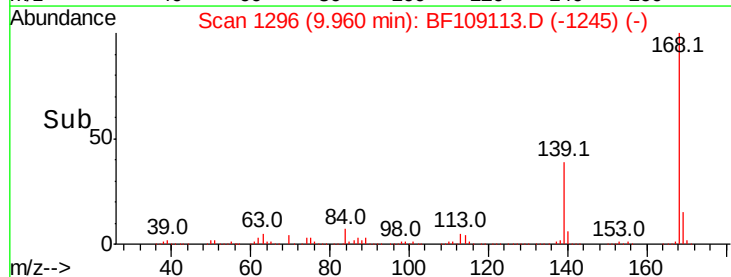
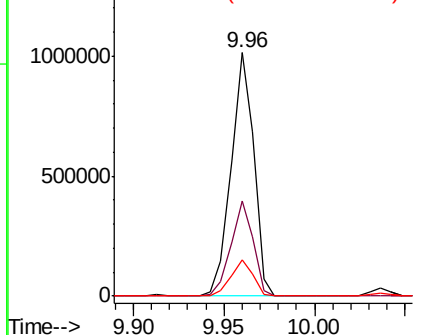
Lab File: BF109113.D

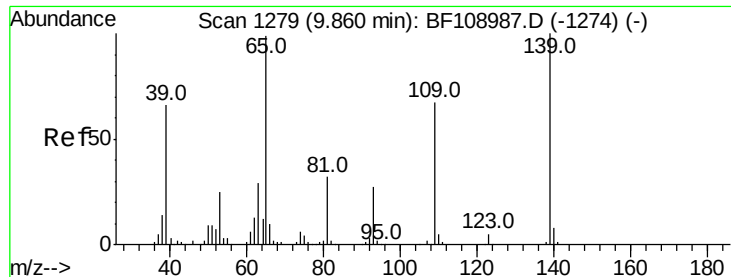
Acq: 18 Sep 2018 23:11

Tgt Ion:	168	Resp:	885394
Ion Ratio	Lower	Upper	
168	100		
139	38.9	30.1	45.1
169	14.7	10.9	16.3



Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E





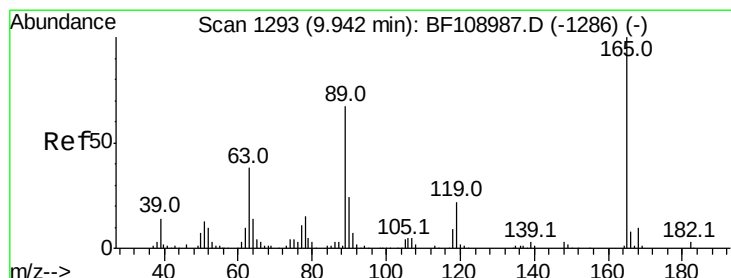
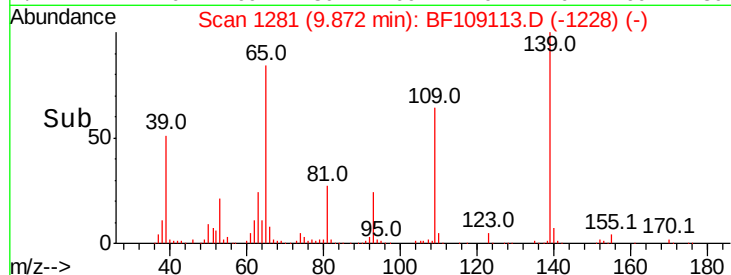
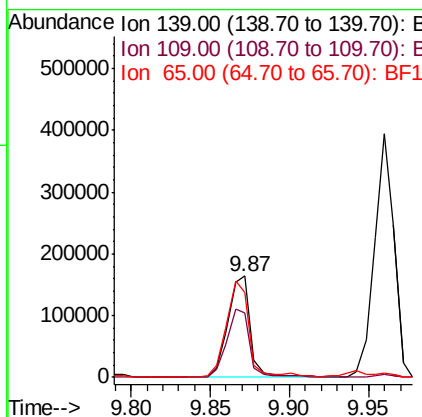
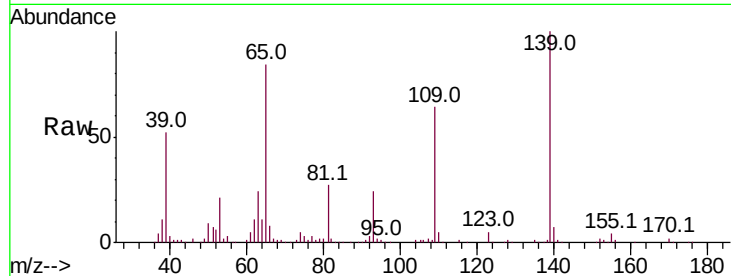
#55
4-Nitrophenol
Concen: 56.777 ng
RT: 9.87 min Scan# 1281
Delta R.T. 0.01 min
Lab File: BF109113.D
Acq: 18 Sep 2018 23:11

Instrument :
BNA_F
ClientSampleId :
BACKFILL-SW2MSD

Tot Ion	Ratio	Lower	Upper
139	100		
109	64.3	48.4	88.4
65	83.7	72.6	112.6

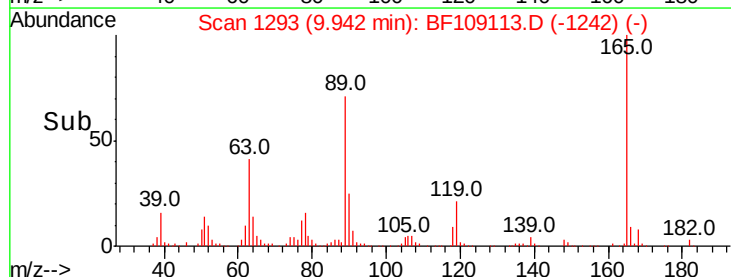
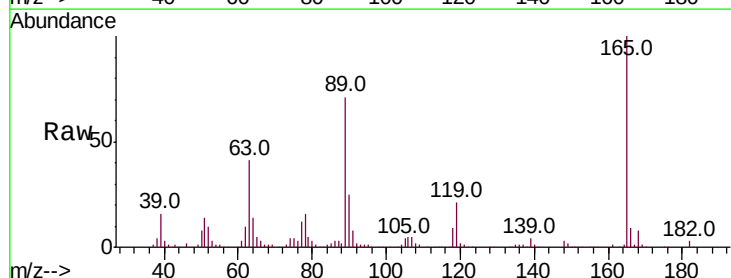
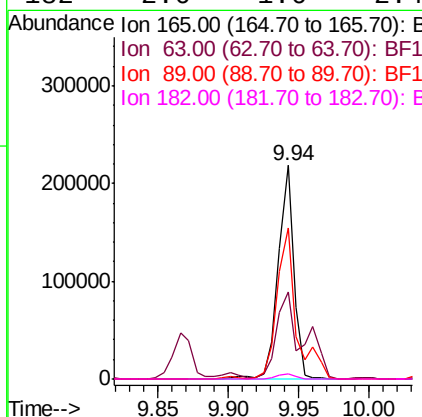
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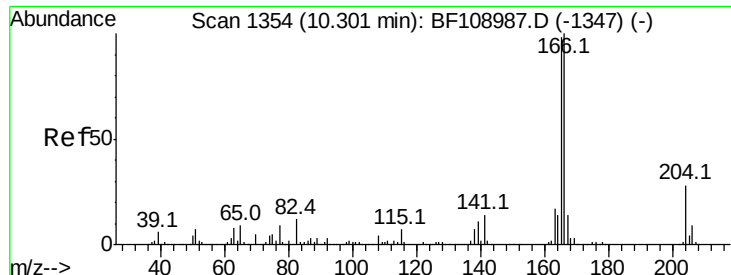
Sohil
9/19/2018 4:24:00 PM



#56
2,4-Dinitrotoluene
Concen: 40.268 ng
RT: 9.94 min Scan# 1293
Delta R.T. 0.00 min
Lab File: BF109113.D
Acq: 18 Sep 2018 23:11

Tgt Ion	Ratio	Lower	Upper
165	100		
63	41.1	36.4	54.6
89	70.7	57.8	86.6
182	2.6	1.6	2.4#





#57

Fluorene

Concen: 56.310 ng

RT: 10.30 min Scan# 1354

Delta R.T. 0.00 min

Lab File: BF109113.D

Acq: 18 Sep 2018 23:11

Instrument :

BNA_F

ClientSampleId :

BACKFILL-SW2MSD

Tot Ion:166 Resp: 670139

Ion Ratio Lower Upper

166 100

165 99.2 79.8 119.8

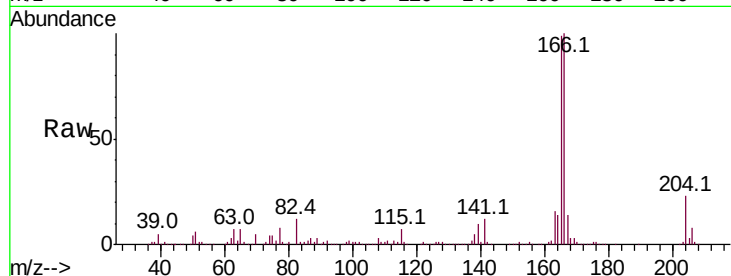
167 13.6 10.6 16.0

Manual Integrations

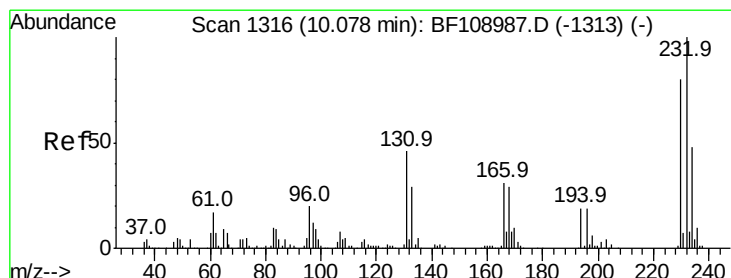
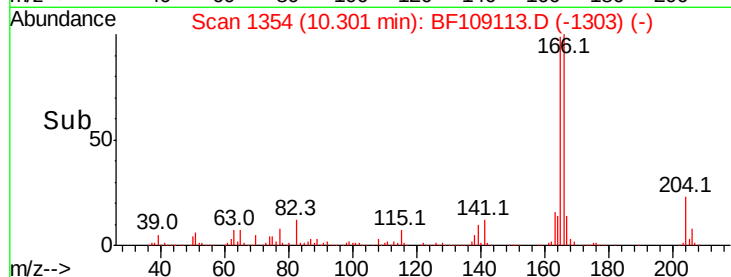
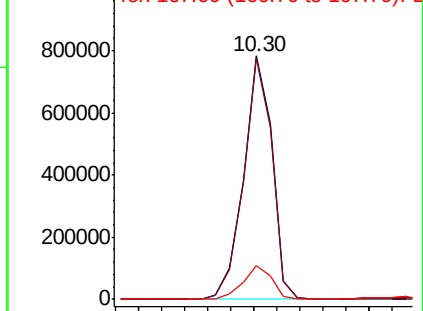
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Abundance Ion 166.00 (165.70 to 166.70): E
Ion 165.00 (164.70 to 165.70): E
Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 36.191 ng

RT: 10.08 min Scan# 1316

Delta R.T. 0.00 min

Lab File: BF109113.D

Acq: 18 Sep 2018 23:11

Tgt Ion:232 Resp: 136102

Ion Ratio Lower Upper

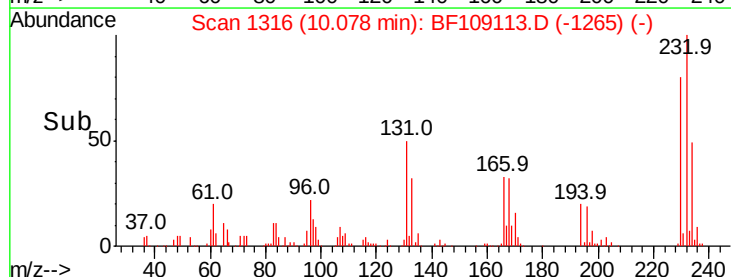
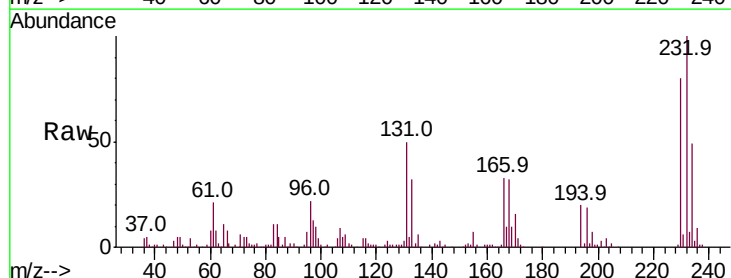
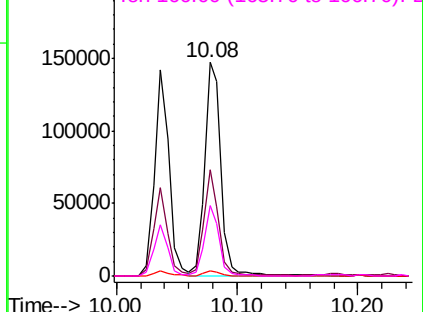
232 100

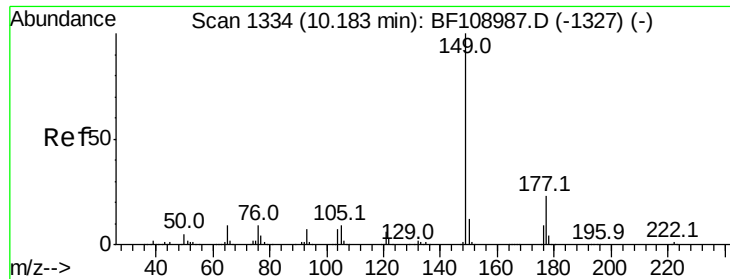
131 44.5 43.8 65.8

130 2.3 2.1 3.1

166 30.5 27.8 41.6

Abundance Ion 232.00 (231.70 to 232.70): E
Ion 131.00 (130.70 to 131.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 166.00 (165.70 to 166.70): E





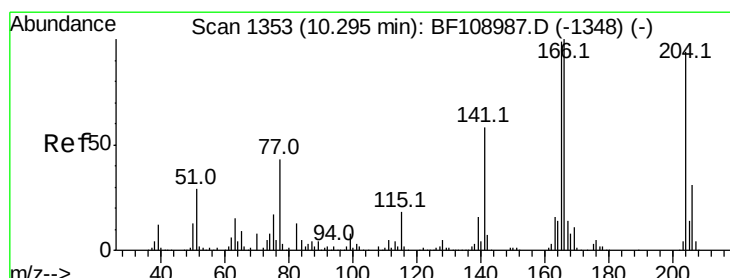
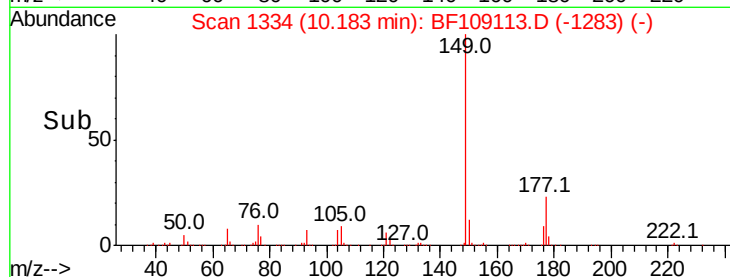
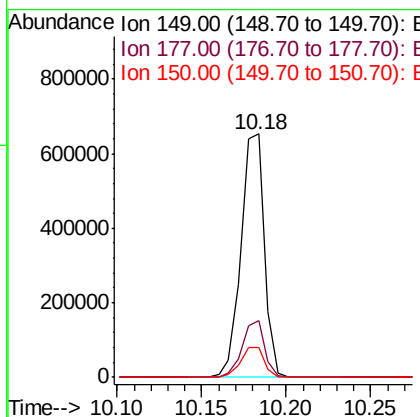
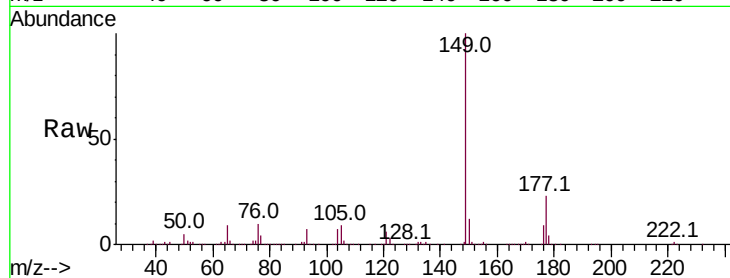
#59
Diethylphthalate
Concen: 42.577 ng
RT: 10.18 min Scan# 1334
Delta R.T. 0.00 min
Lab File: BF109113.D
Acq: 18 Sep 2018 23:11

Instrument :
BNA_F
ClientSampleId :
BACKFILL-SW2MSD

Tot Ion	Ratio	Resp	Lower	Upper
149	100	631324		
177	23.1	16.1	24.1	
150	12.2	10.1	15.1	

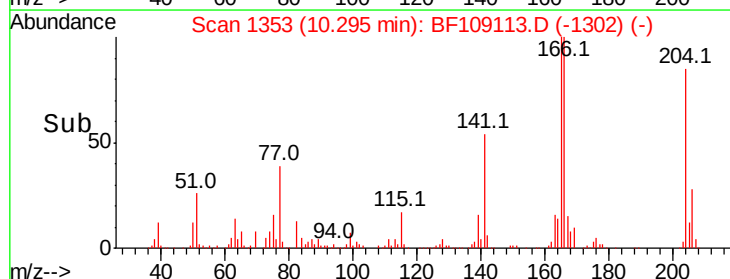
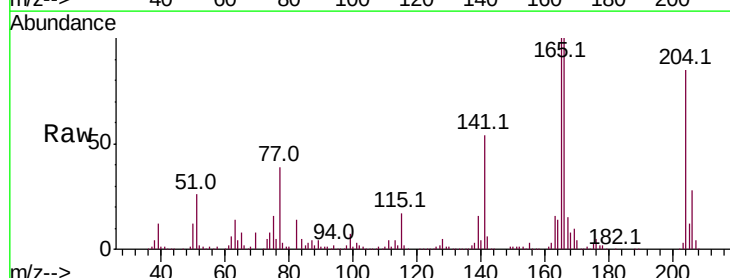
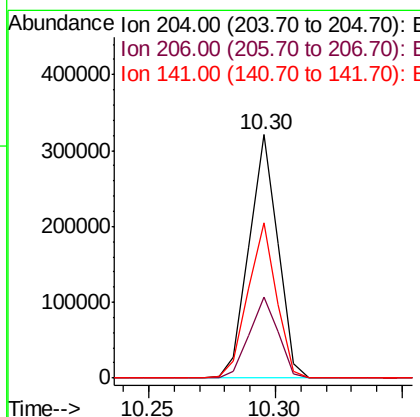
Manual Integrations
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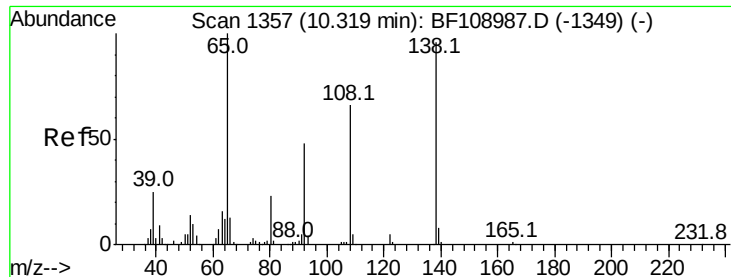
Sohil
9/19/2018 4:24:00 PM



#60
4-Chlorophenyl-phenylether
Concen: 39.869 ng
RT: 10.30 min Scan# 1353
Delta R.T. 0.00 min
Lab File: BF109113.D
Acq: 18 Sep 2018 23:11

Tgt Ion	Ratio	Resp	Lower	Upper
204	100	254064		
206	33.1	26.5	39.7	
141	63.8	54.6	81.8	





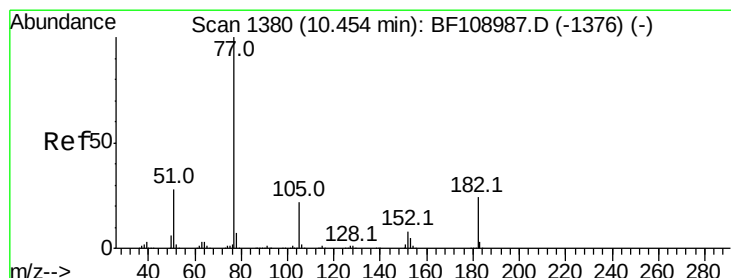
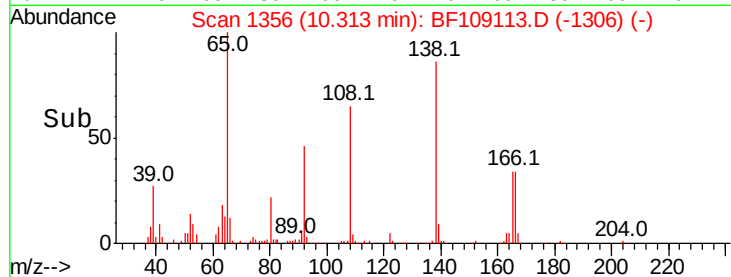
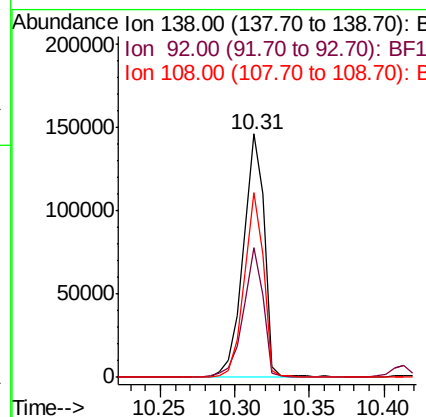
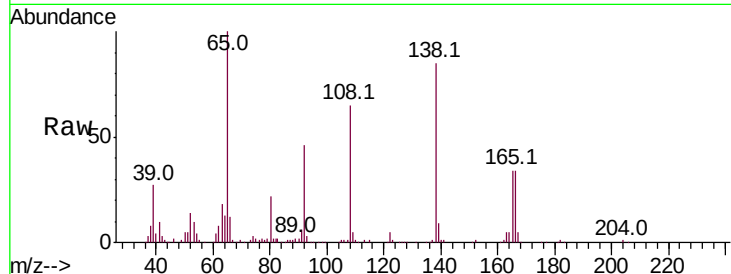
#61
4-Nitroaniline
Concen: 39.478 ng
RT: 10.31 min Scan# 1356
Delta R.T. -0.01 min
Lab File: BF109113.D
Acq: 18 Sep 2018 23:11

Instrument :
BNA_F
ClientSampleId :
BACKFILL-SW2MSD

Tot Ion	Ratio	Resp	Lower	Upper
138	100			
92	53.5	30.2	70.2	
108	75.9	52.5	92.5	

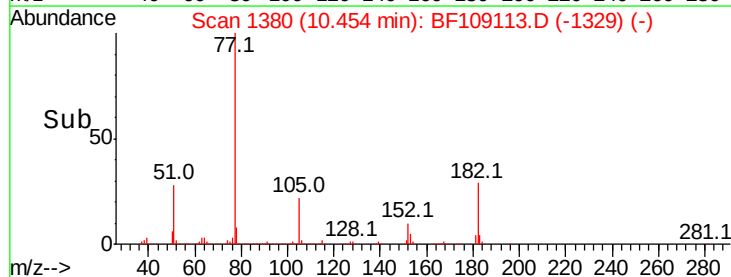
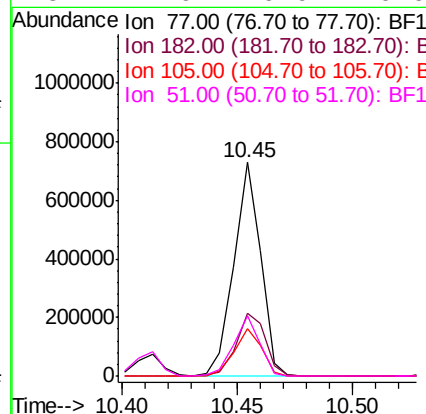
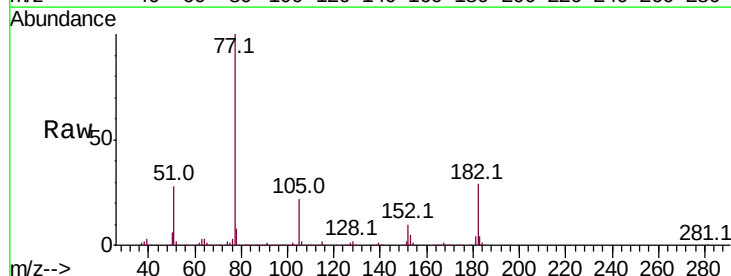
Manual Integrations
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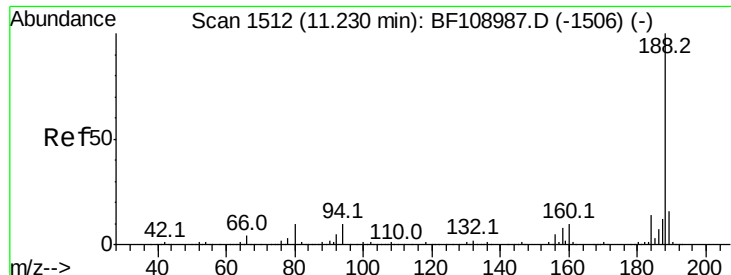
Sohil
9/19/2018 4:24:00 PM



#62
Azobenzene
Concen: 38.583 ng
RT: 10.45 min Scan# 1380
Delta R.T. 0.00 min
Lab File: BF109113.D
Acq: 18 Sep 2018 23:11

Tgt Ion	Ratio	Resp	Lower	Upper
77	100			
182	29.4	1.7	41.7	
105	22.5	3.0	43.0	
51	27.9	9.9	49.9	





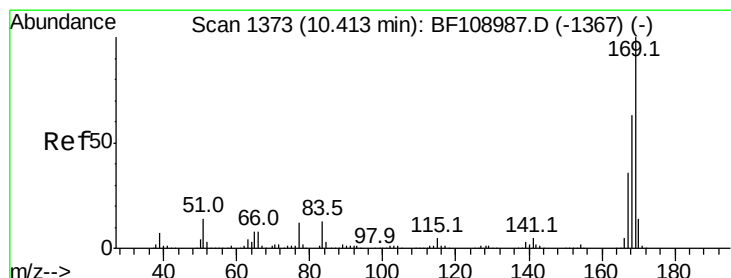
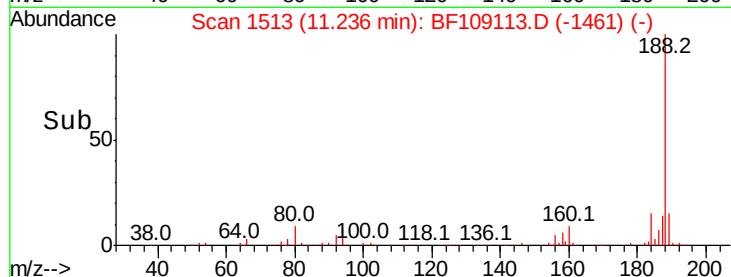
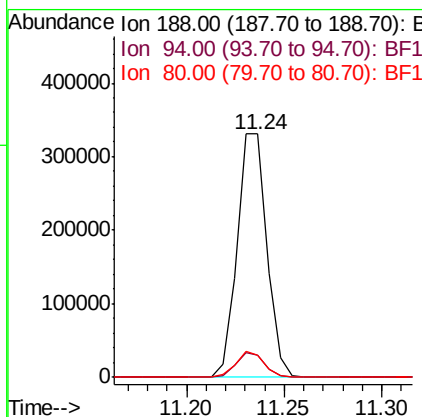
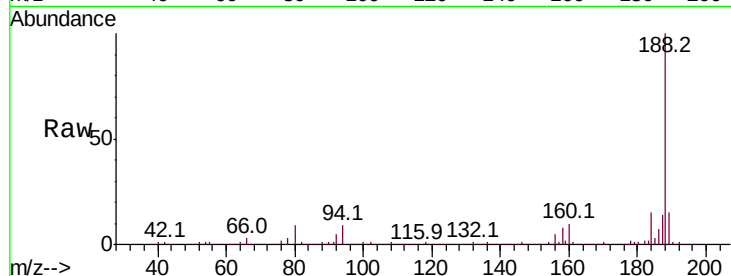
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.24 min Scan# 1513
Delta R.T. 0.01 min
Lab File: BF109113.D
Acq: 18 Sep 2018 23:11

Instrument :
BNA_F
ClientSampleId :
BACKFILL-SW2MSD

Tot Ion	Ratio	Resp Lower	Upper
188	100		
94	8.9	8.5	12.7
80	8.9	9.2	13.8#

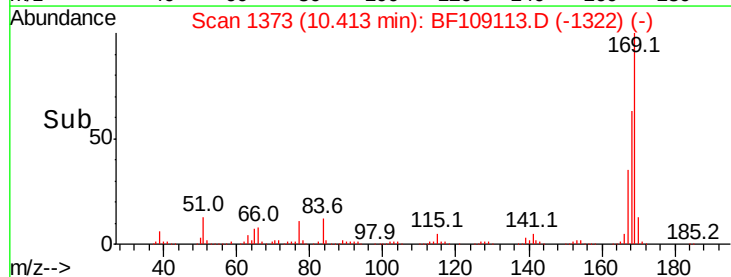
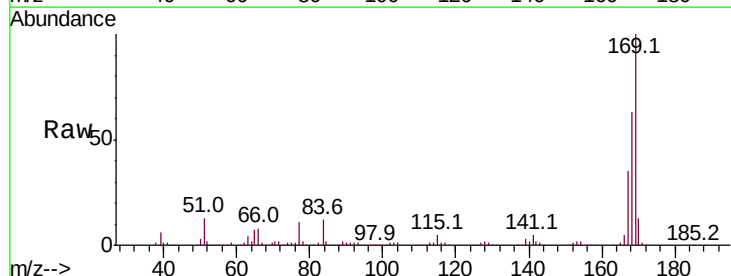
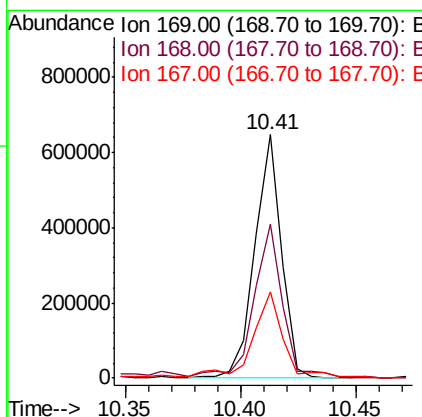
Manual Integrations
APPROVED

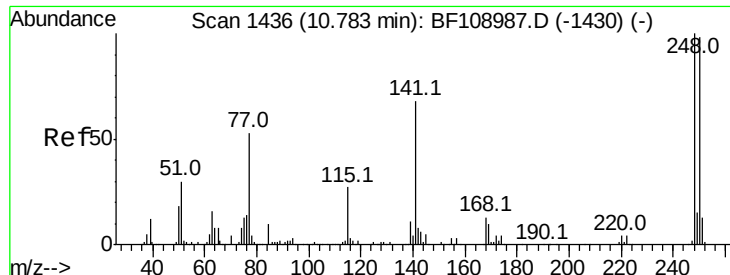
Sohil
9/19/2018 4:24:00 PM



#65
n-Nitrosodiphenylamine
Concen: 45.605 ng
RT: 10.41 min Scan# 1373
Delta R.T. 0.00 min
Lab File: BF109113.D
Acq: 18 Sep 2018 23:11

Tgt Ion	Ratio	Resp Lower	Upper
169	100		
168	63.2	54.4	81.6
167	35.2	29.8	44.6





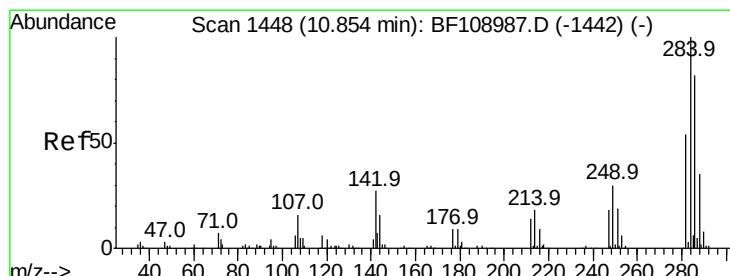
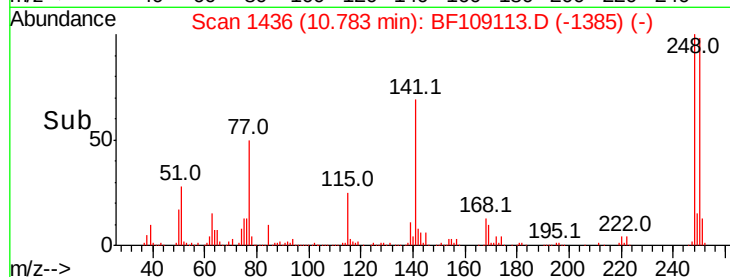
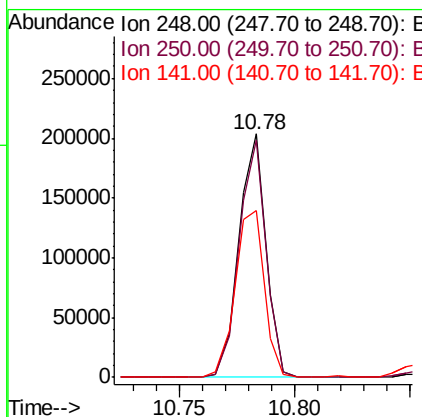
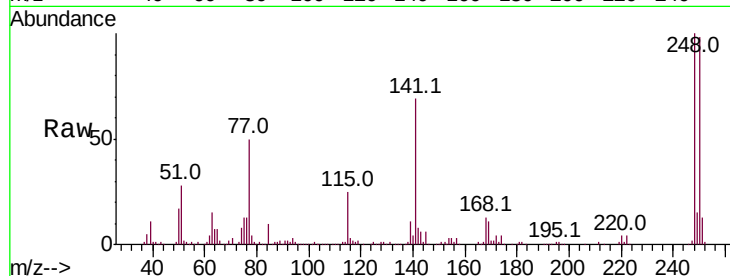
#66
 4-Bromophenyl-phenylether
 Concen: 42.330 ng
 RT: 10.78 min Scan# 1436
 Delta R.T. 0.00 min
 Lab File: BF109113.D
 Acq: 18 Sep 2018 23:11

Instrument :
 BNA_F
 ClientSampleId :
 BACKFILL-SW2MSD

Tot Ion	Ratio	Lower	Upper
248	100		
250	97.5	76.9	115.3
141	68.6	74.4	111.6#

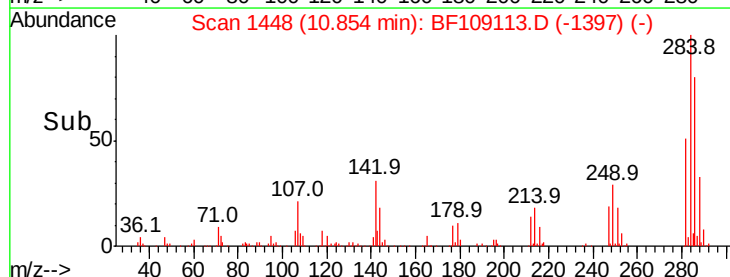
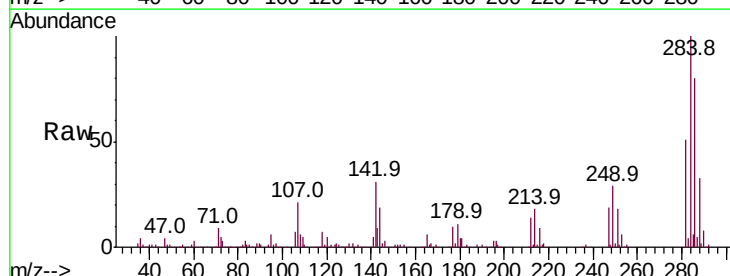
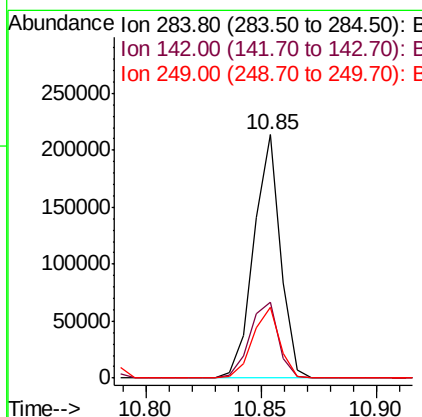
Manual Integrations
 APPROVED

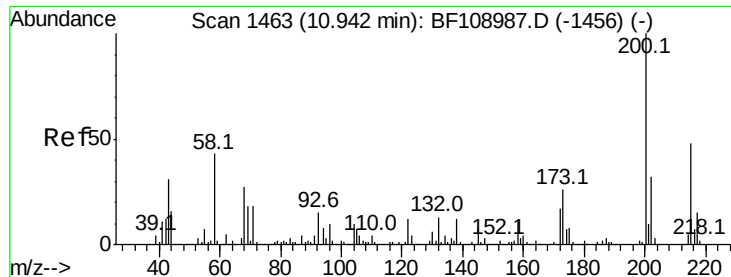
Sohil
 9/19/2018 4:24:00 PM



#67
 Hexachlorobenzene
 Concen: 40.935 ng
 RT: 10.85 min Scan# 1448
 Delta R.T. 0.00 min
 Lab File: BF109113.D
 Acq: 18 Sep 2018 23:11

Tgt Ion	Ratio	Lower	Upper
284	100		
142	31.0	34.6	52.0#
249	29.0	24.8	37.2





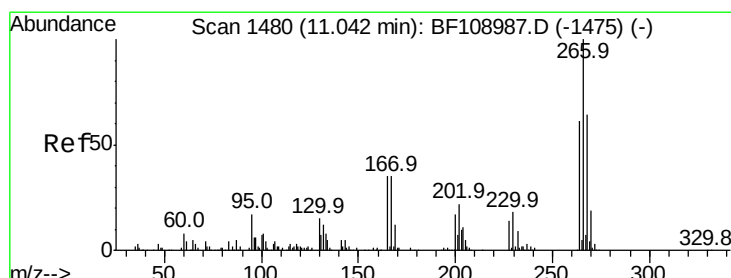
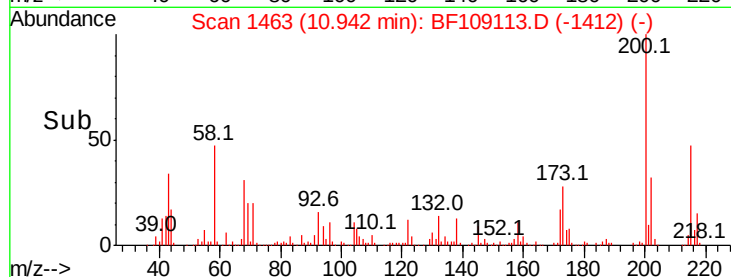
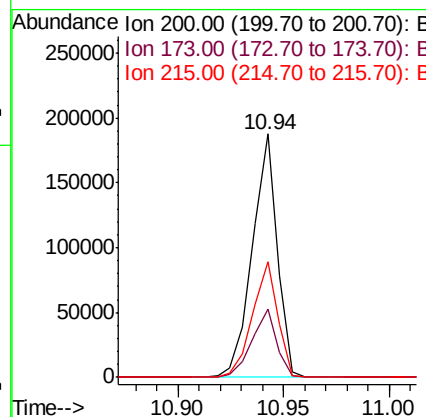
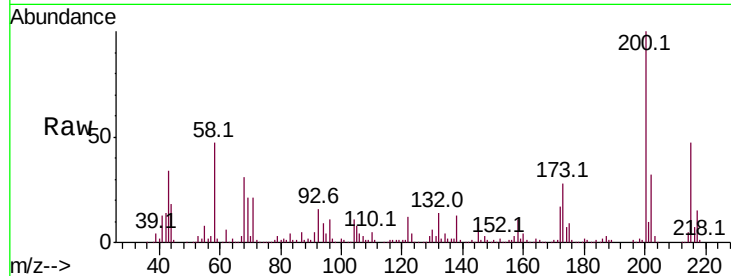
#68
Atrazine
Concen: 42.066 ng
RT: 10.94 min Scan# 1463
Delta R.T. 0.00 min
Lab File: BF109113.D
Acq: 18 Sep 2018 23:11

Instrument :
BNA_F
ClientSampleId :
BACKFILL-SW2MSD

Tot Ion	Ratio	Resp Lower	Resp Upper
200	100		
173	28.2	8.6	48.6
215	47.4	25.1	65.1

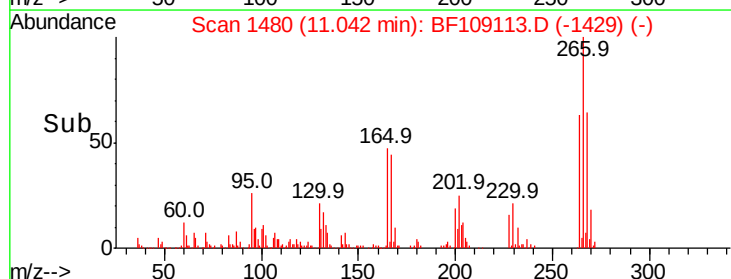
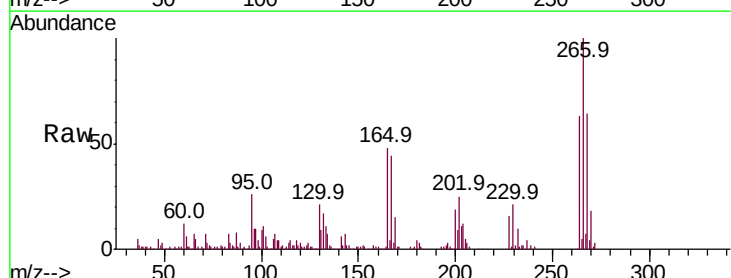
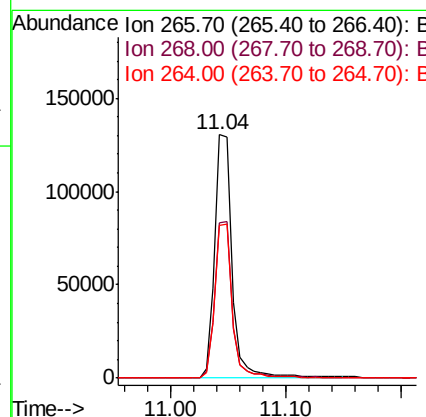
Manual Integrations
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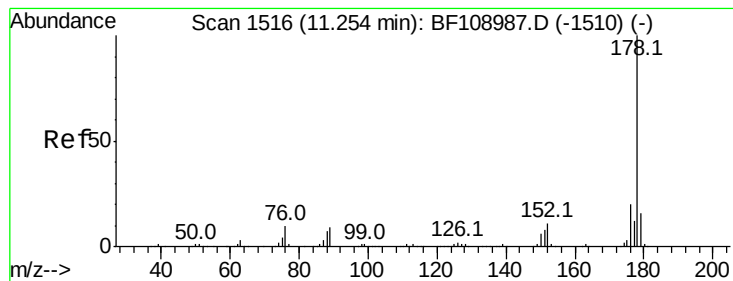
Sohil
9/19/2018 4:24:00 PM



#69
Pentachlorophenol
Concen: 51.181 ng
RT: 11.04 min Scan# 1480
Delta R.T. 0.00 min
Lab File: BF109113.D
Acq: 18 Sep 2018 23:11

Tgt Ion	Ratio	Resp Lower	Resp Upper
266	100		
268	63.6	51.1	76.7
264	62.7	49.5	74.3





#70

Phenanthrene

Concen: 112.493 ng

RT: 11.27 min Scan# 1518

Delta R.T. 0.01 min

Lab File: BF109113.D

Acq: 18 Sep 2018 23:11

Instrument :

BNA_F

ClientSampleId :

BACKFILL-SW2MSD

Tot Ion:178 Resp: 1924822

Ion Ratio Lower Upper

178 100

176 20.9 15.8 23.8

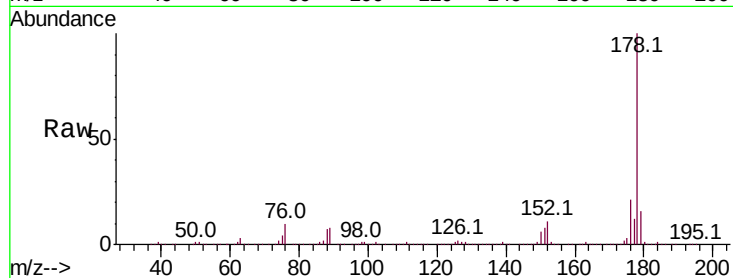
179 16.3 13.0 19.6

Manual Integrations

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Sohil

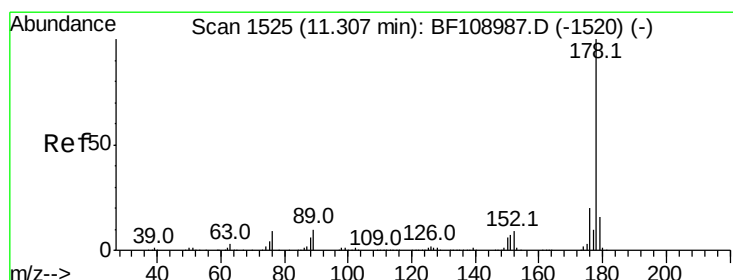
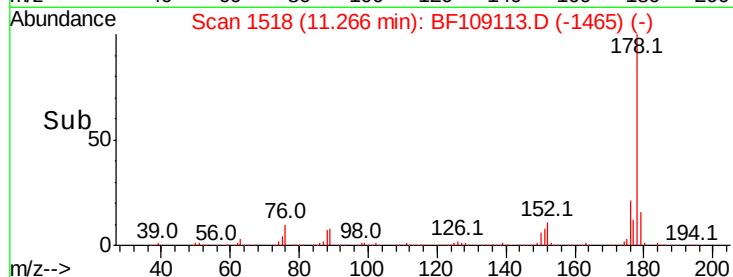
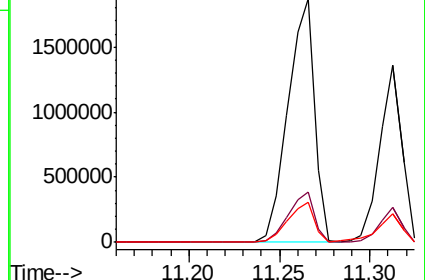
9/19/2018 4:24:00 PM



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#71

Anthracene

Concen: 67.347 ng

RT: 11.31 min Scan# 1526

Delta R.T. 0.01 min

Lab File: BF109113.D

Acq: 18 Sep 2018 23:11

Tgt Ion:178 Resp: 1168131

Ion Ratio Lower Upper

178 100

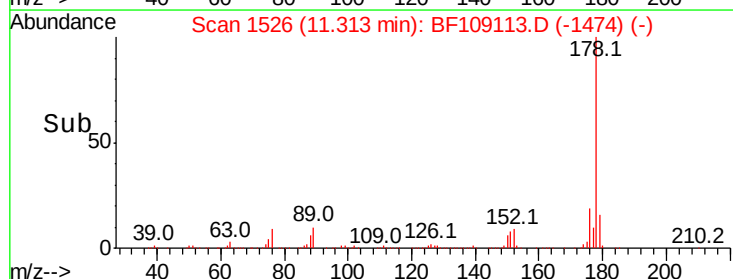
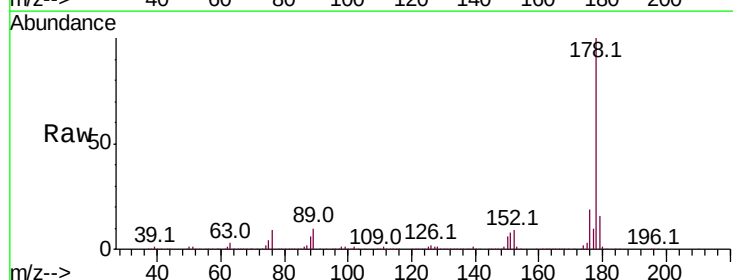
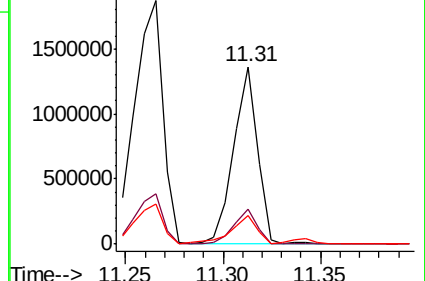
176 19.5 15.4 23.2

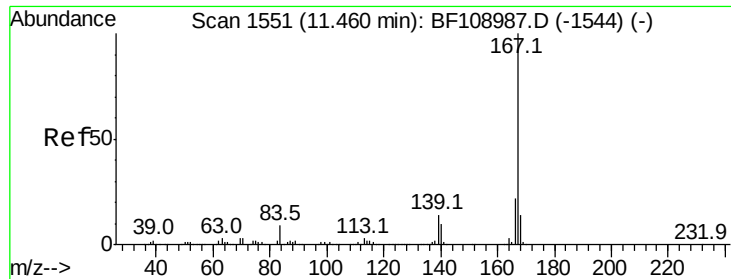
179 15.9 12.6 19.0

Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





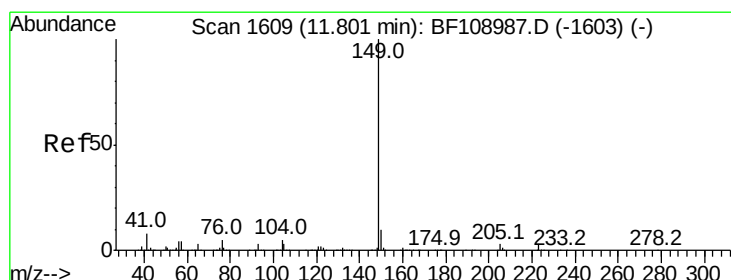
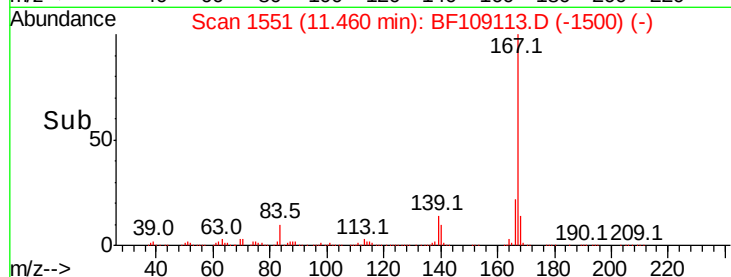
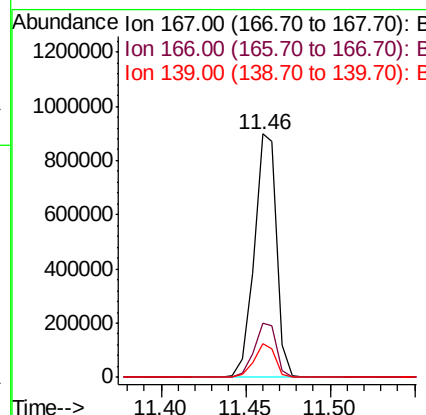
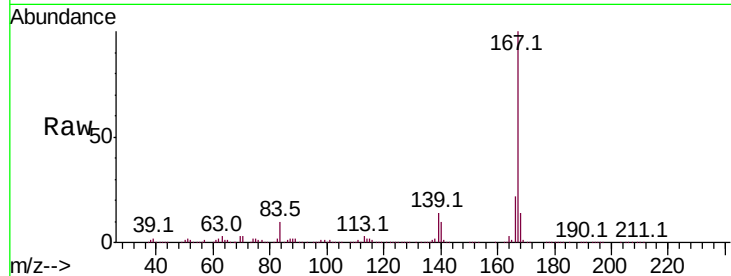
#72
 Carbazole
 Concen: 48.501 ng
 RT: 11.46 min Scan# 1551
 Delta R.T. 0.00 min
 Lab File: BF109113.D
 Acq: 18 Sep 2018 23:11

Instrument :
 BNA_F
 ClientSampleId :
 BACKFILL-SW2MSD

Tot Ion	Ratio	Lower	Upper
167	100		
166	22.3	17.6	26.4
139	13.7	10.9	16.3

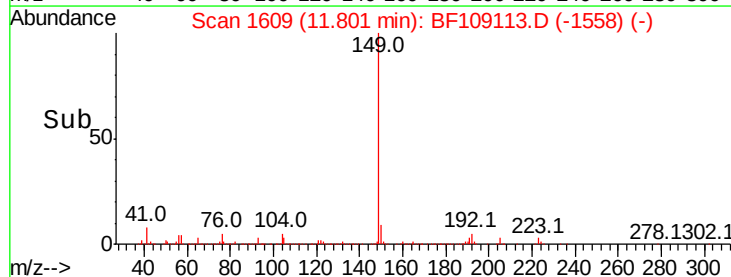
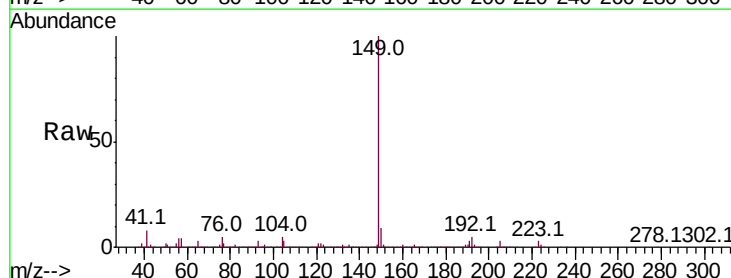
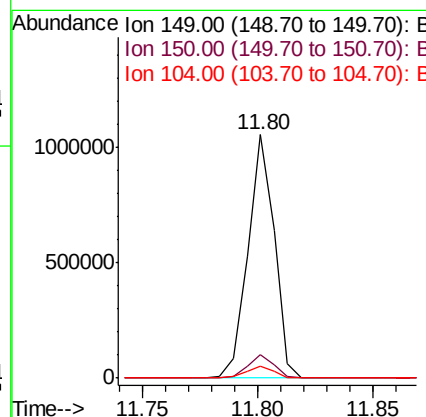
Manual Integrations
 APPROVED

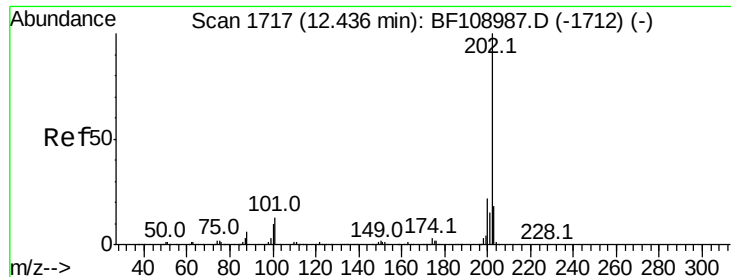
Sohil
 9/19/2018 4:24:00 PM



#73
 Di-n-butylphthalate
 Concen: 41.801 ng
 RT: 11.80 min Scan# 1609
 Delta R.T. 0.00 min
 Lab File: BF109113.D
 Acq: 18 Sep 2018 23:11

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.4	7.8	11.6
104	4.9	3.8	5.8





#74

Fluoranthene

Concen: 108.695 ng

RT: 12.45 min Scan# 1719

Delta R.T. 0.01 min

Lab File: BF109113.D

Acq: 18 Sep 2018 23:11

Instrument :

BNA_F

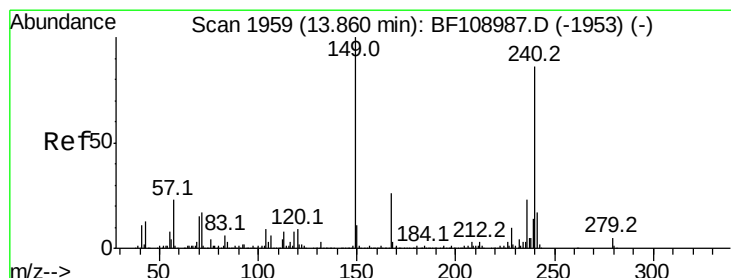
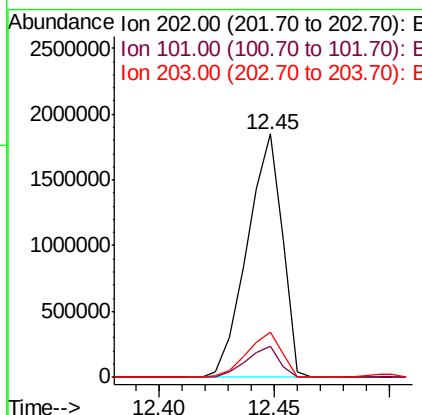
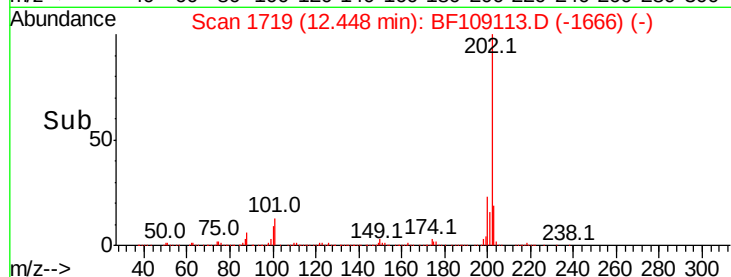
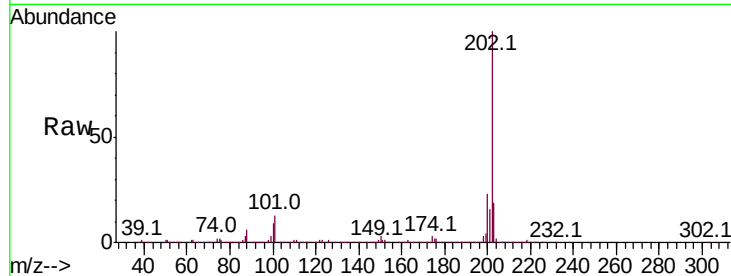
ClientSampleId :

BACKFILL-SW2MSD

Tot Ion:	202	Resp:	1963441
Ion Ratio	Lower	Upper	
202	100		
101	12.9	0.0	34.1
203	18.7	0.0	38.1

Manual Integrations
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Sohil
9/19/2018 4:24:00 PM



#75

Chrysene-d12

Concen: 20.000 ng

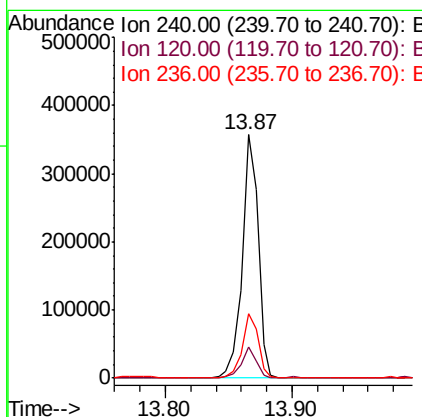
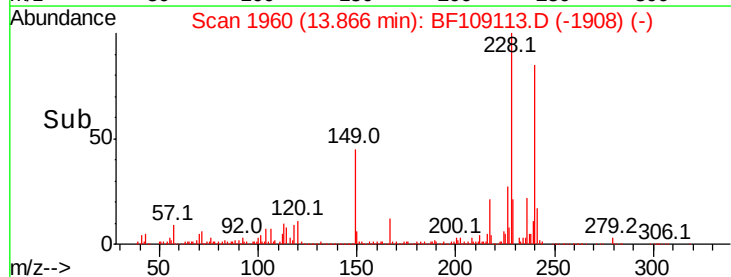
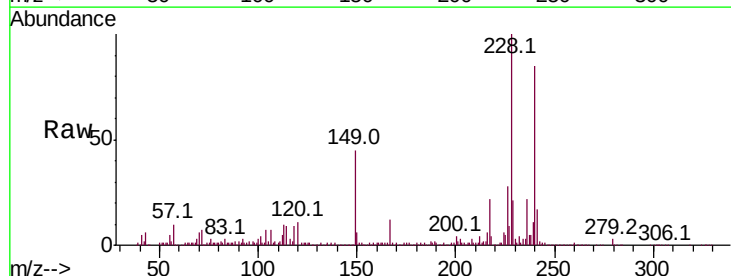
RT: 13.87 min Scan# 1960

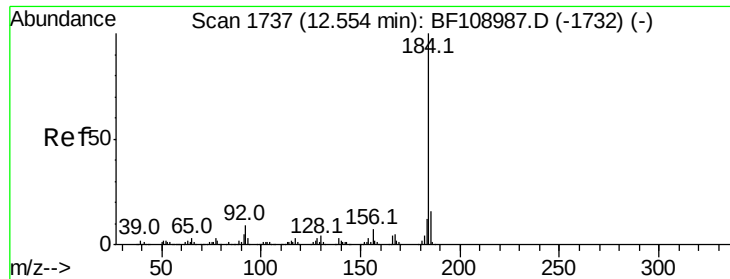
Delta R.T. 0.01 min

Lab File: BF109113.D

Acq: 18 Sep 2018 23:11

Tgt Ion:	240	Resp:	306833
Ion Ratio	Lower	Upper	
240	100		
120	13.0	9.5	14.3
236	26.4	20.7	31.1





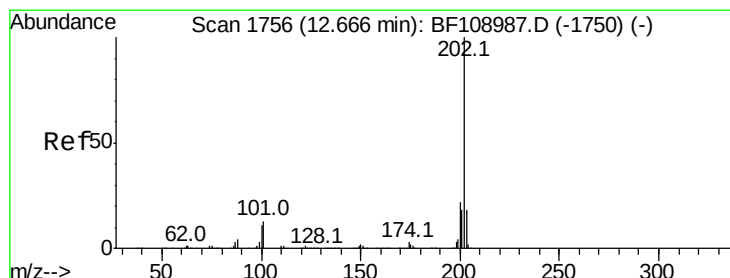
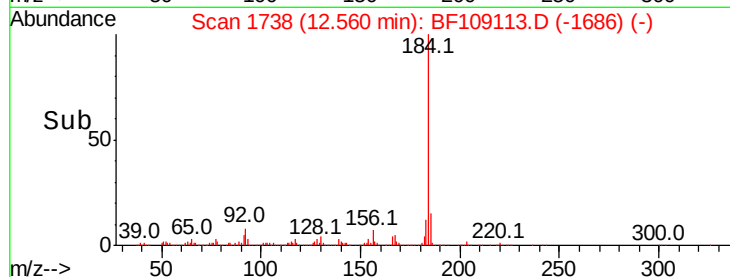
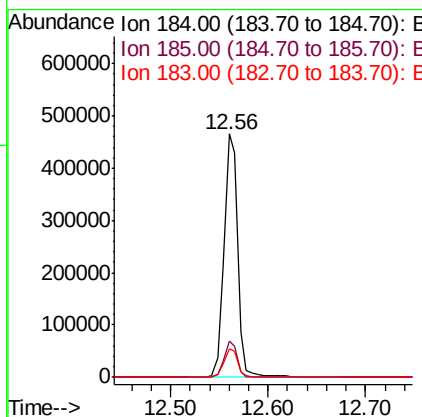
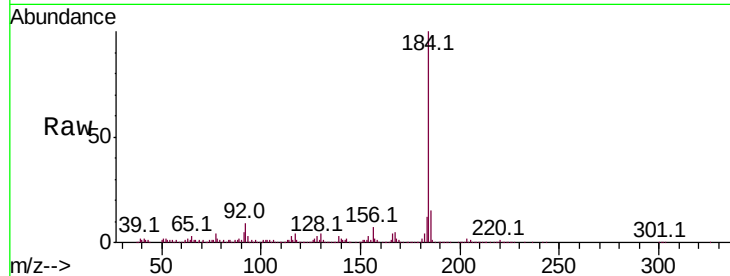
#76
Benzidine
Concen: 41.573 ng
RT: 12.56 min Scan# 1738
Delta R.T. 0.01 min
Lab File: BF109113.D
Acq: 18 Sep 2018 23:11

Instrument :
BNA_F
ClientSampleId :
BACKFILL-SW2MSD

Tot Ion	Ratio	Lower	Upper
184	100		
185	14.9	12.6	18.8
183	11.6	9.3	13.9

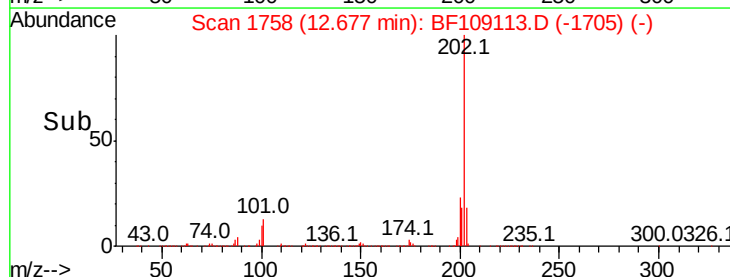
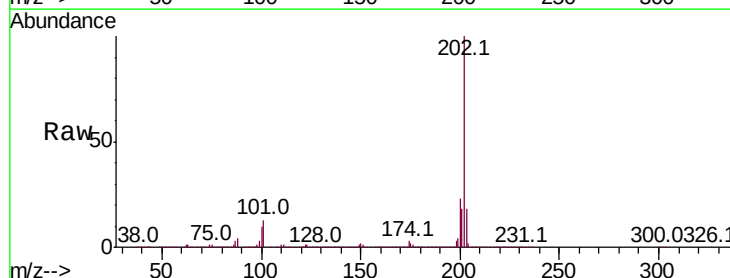
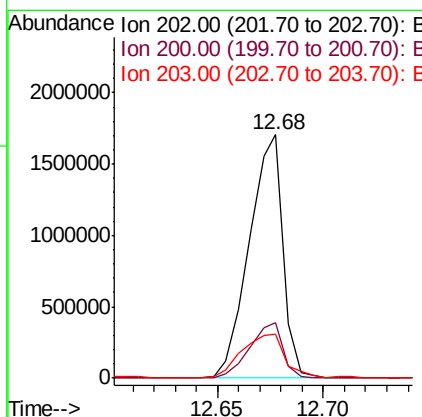
Manual Integrations
APPROVED

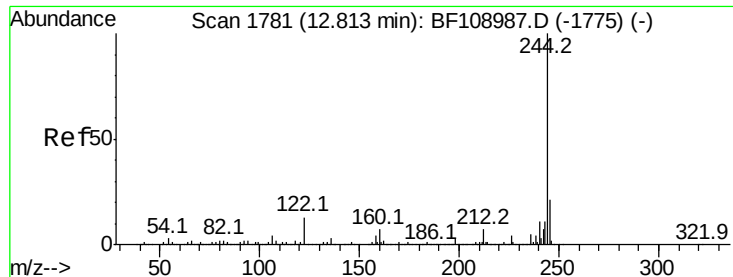
Sohil
9/19/2018 4:24:00 PM



#77
Pyrene
Concen: 82.776 ng
RT: 12.68 min Scan# 1758
Delta R.T. 0.01 min
Lab File: BF109113.D
Acq: 18 Sep 2018 23:11

Tgt Ion	Ratio	Lower	Upper
202	100		
200	22.6	17.4	26.2
203	18.1	14.3	21.5





#78

Terphenyl-d14

Concen: 84.448 ng

RT: 12.81 min Scan# 1781

Delta R.T. 0.00 min

Lab File: BF109113.D

Acq: 18 Sep 2018 23:11

Instrument :

BNA_F

ClientSampleId :

BACKFILL-SW2MSD

Tot Ion:244 Resp: 1093182

Ion Ratio Lower Upper

244 100

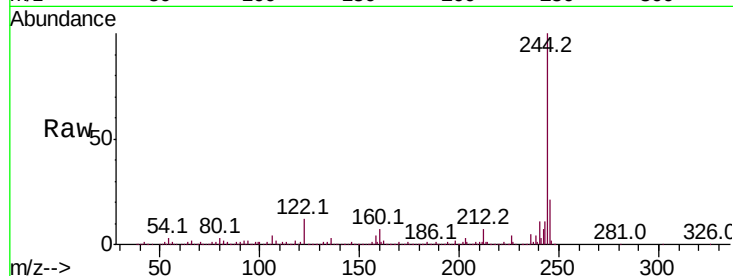
212 7.4 5.4 8.0

122 12.3 11.0 16.4

Manual Integrations
APPROVED

Sohil

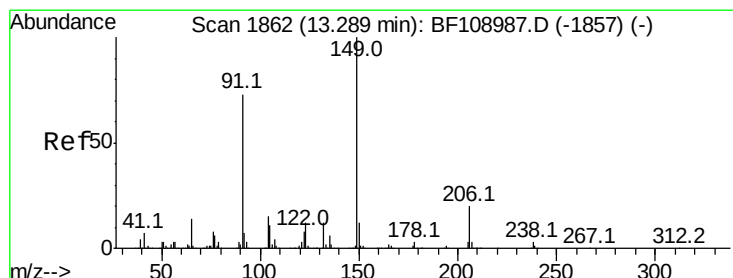
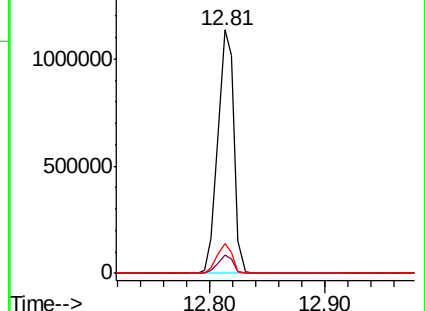
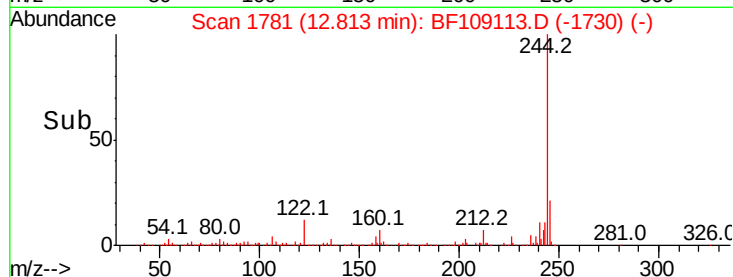
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Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#79

Butylbenzylphthalate

Concen: 38.337 ng

RT: 13.29 min Scan# 1862

Delta R.T. 0.00 min

Lab File: BF109113.D

Acq: 18 Sep 2018 23:11

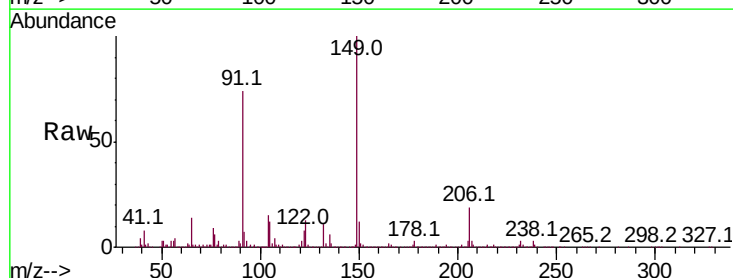
Tgt Ion:149 Resp: 390258

Ion Ratio Lower Upper

149 100

91 74.2 56.8 85.2

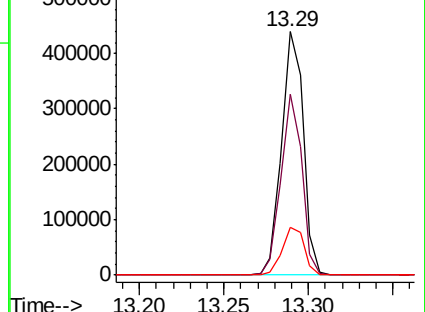
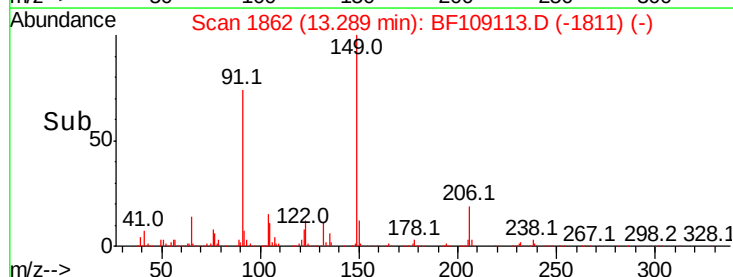
206 19.4 14.1 21.1

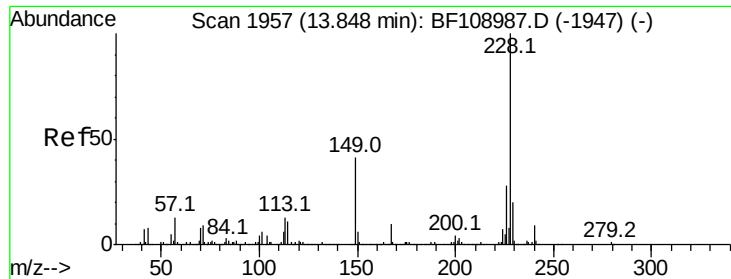


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E





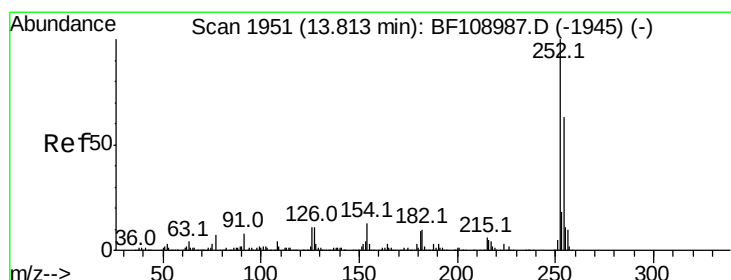
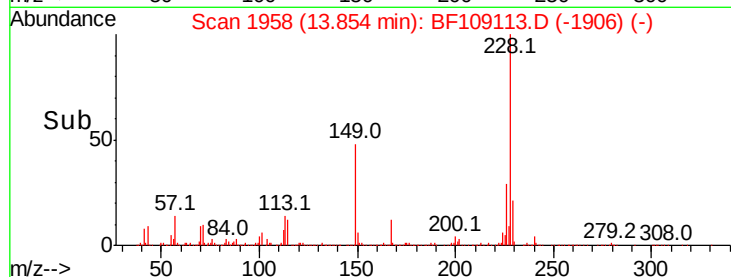
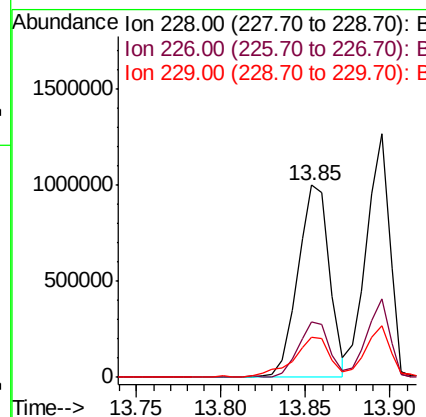
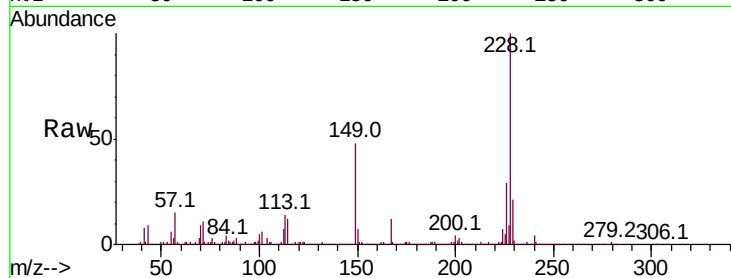
#80
Benzo(a)anthracene
Concen: 69.758 ng
RT: 13.85 min Scan# 1958
Delta R.T. 0.01 min
Lab File: BF109113.D
Acq: 18 Sep 2018 23:11

Instrument :
BNA_F
ClientSampleId :
BACKFILL-SW2MSD

Tot Ion	Ratio	Lower	Upper
228	100		
226	29.2	22.6	33.8
229	21.1	15.8	23.6

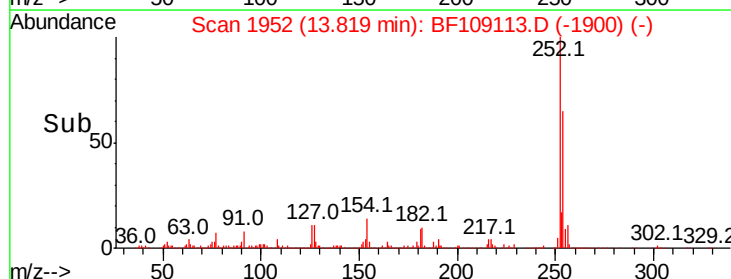
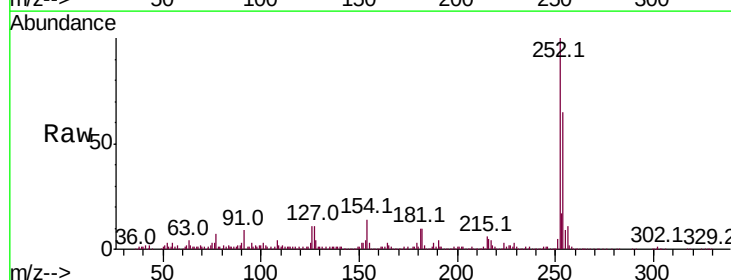
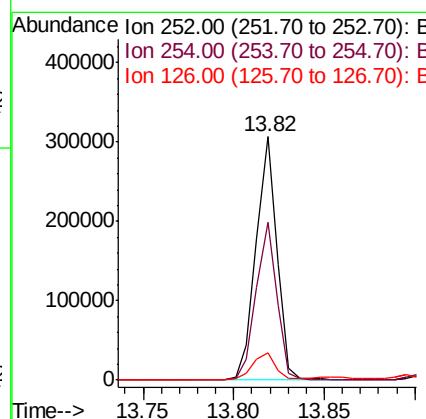
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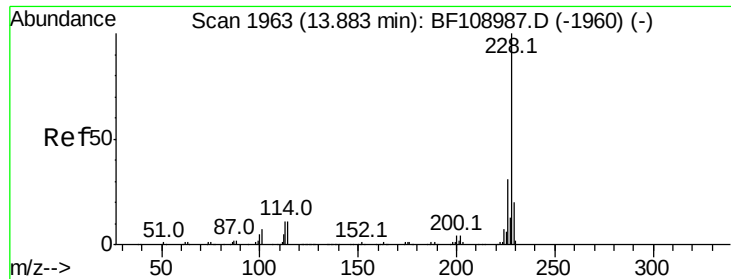
Sohil
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#81
3,3'-Dichlorobenzidine
Concen: 32.854 ng
RT: 13.82 min Scan# 1952
Delta R.T. 0.01 min
Lab File: BF109113.D
Acq: 18 Sep 2018 23:11

Tgt Ion	Ratio	Lower	Upper
252	100		
254	64.7	50.4	75.6
126	11.4	11.3	16.9





#82

Chrysene

Concen: 65.409 ng

RT: 13.90 min Scan# 1965

Delta R.T. 0.01 min

Lab File: BF109113.D

Acq: 18 Sep 2018 23:11

Instrument :

BNA_F

ClientSampleId :

BACKFILL-SW2MSD

Tot Ion:228 Resp: 1215691

Ion Ratio Lower Upper

228 100

226 32.0 25.0 37.6

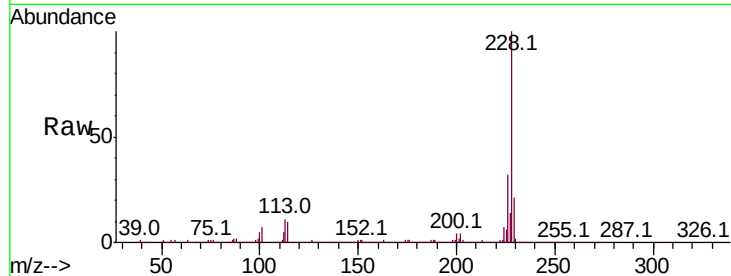
229 21.4 16.2 24.4

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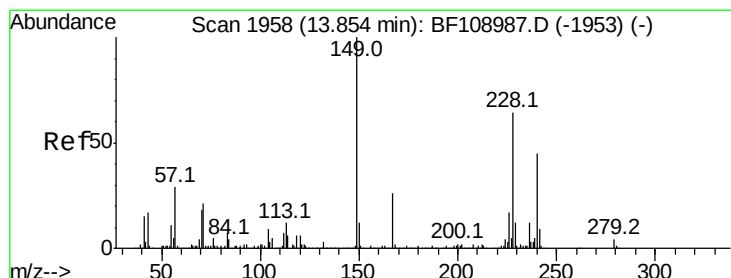
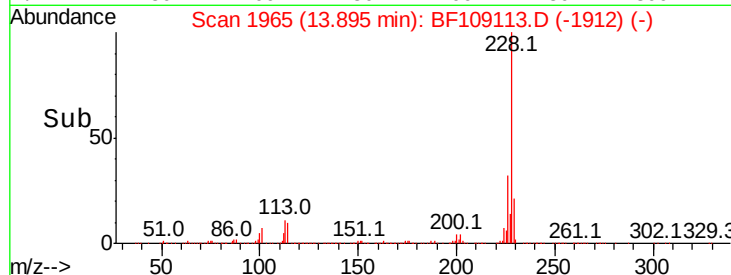
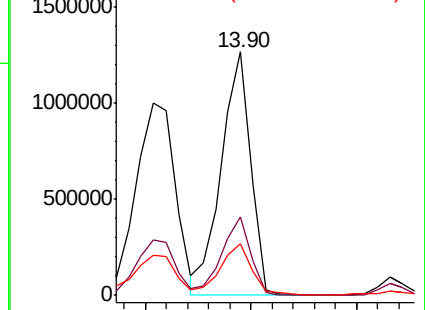
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Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#83

Bis(2-ethylhexyl)phthalate

Concen: 40.893 ng

RT: 13.86 min Scan# 1959

Delta R.T. 0.01 min

Lab File: BF109113.D

Acq: 18 Sep 2018 23:11

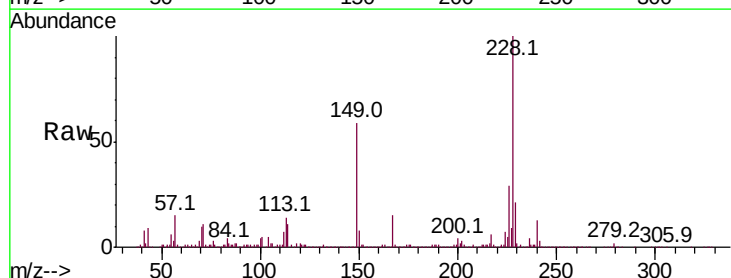
Tgt Ion:149 Resp: 504027

Ion Ratio Lower Upper

149 100

167 25.8 21.3 31.9

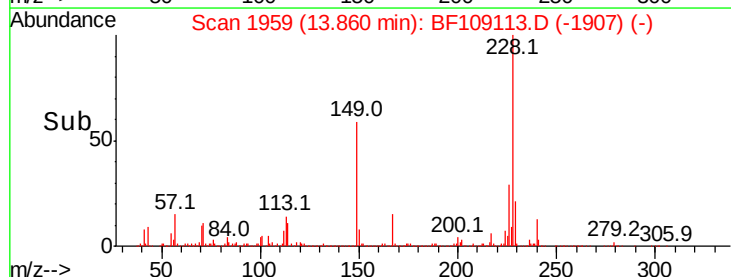
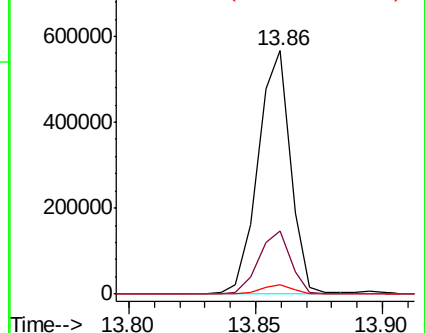
279 4.1 3.0 4.4

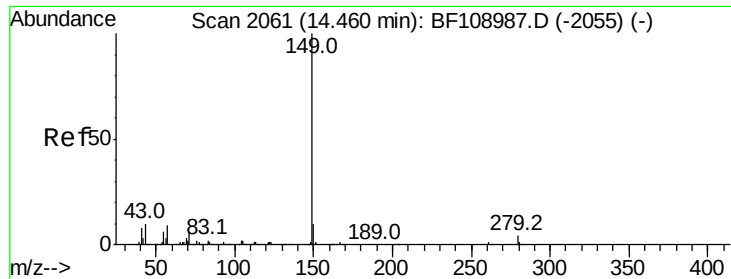


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





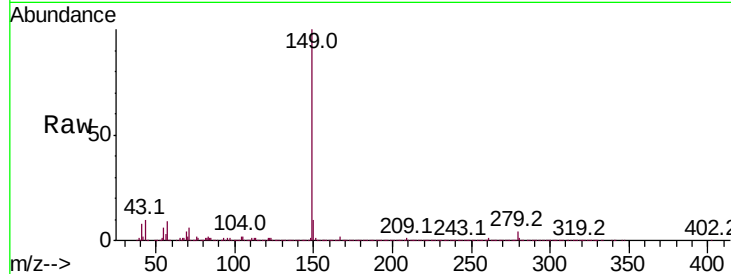
#84
Di-n-octyl phthalate
Concen: 46.692 ng
RT: 14.47 min Scan# 2062
Delta R.T. 0.01 min
Lab File: BF109113.D
Acq: 18 Sep 2018 23:11

Instrument :
BNA_F
ClientSampleId :
BACKFILL-SW2MSD

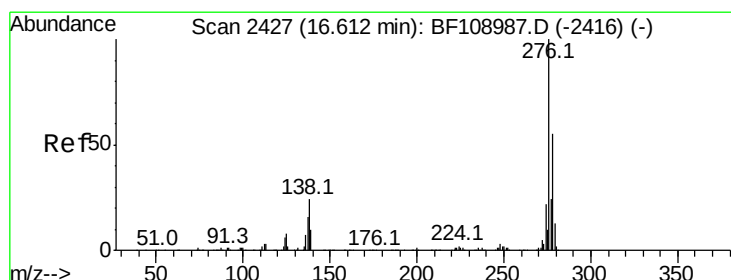
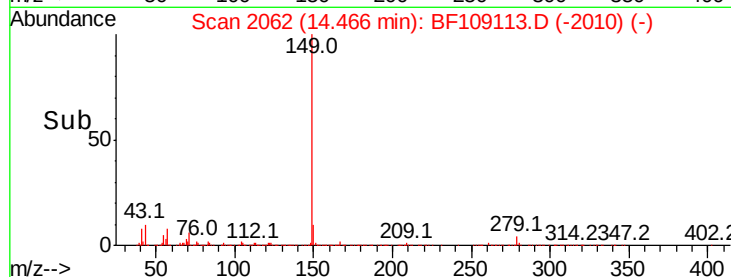
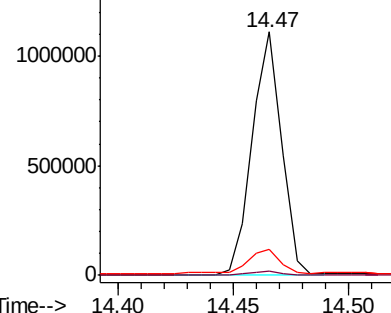
Tot Ion	Ratio	Resp	Lower	Upper
149	100			
167	1.6	1.2	1.8	
43	10.3	8.4	12.6	

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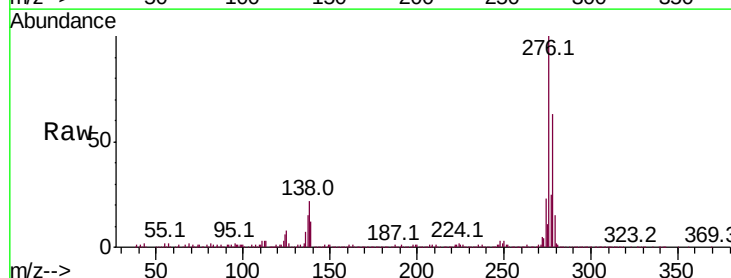


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): BF1

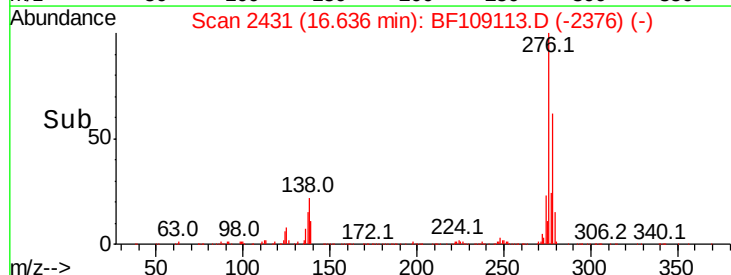
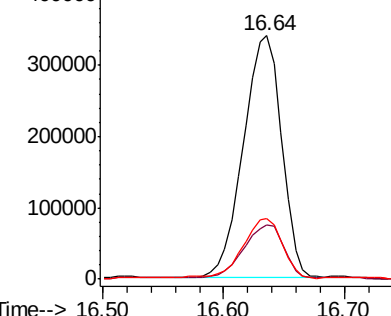


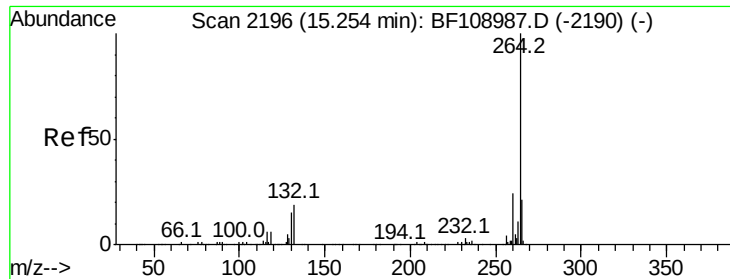
#85
Indeno(1,2,3-cd)pyrene
Concen: 50.679 ng
RT: 16.64 min Scan# 2431
Delta R.T. 0.02 min
Lab File: BF109113.D
Acq: 18 Sep 2018 23:11

Tgt Ion	Ratio	Resp	Lower	Upper
276	100			
138	23.0	25.0	37.6#	
277	25.8	20.1	30.1	



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





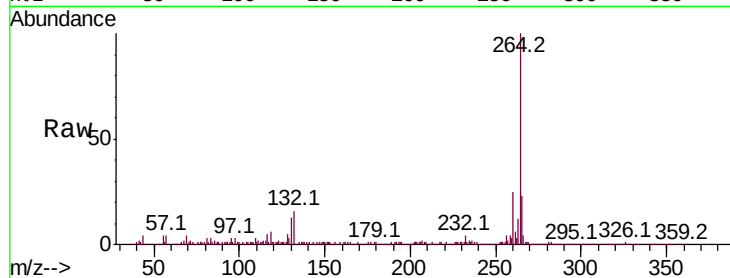
#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.27 min Scan# 2199
Delta R.T. 0.02 min
Lab File: BF109113.D
Acq: 18 Sep 2018 23:11

Instrument :
BNA_F
ClientSampleId :
BACKFILL-SW2MSD

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.7	19.2	28.8
265	23.1	17.5	26.3

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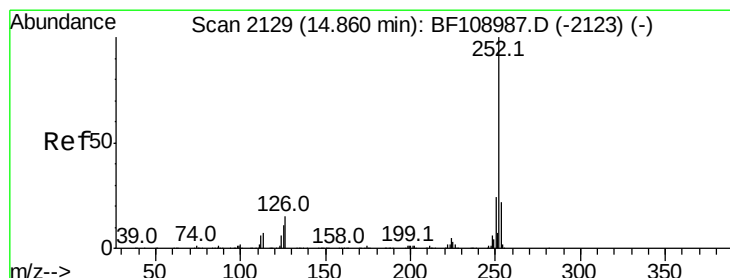
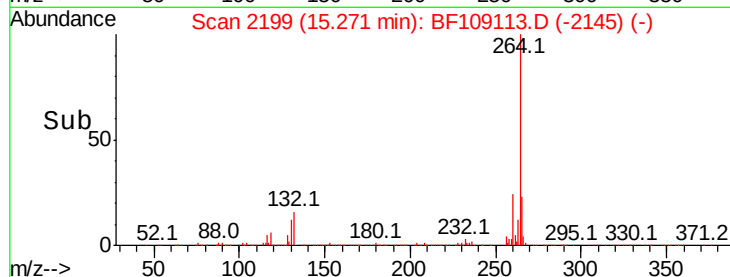
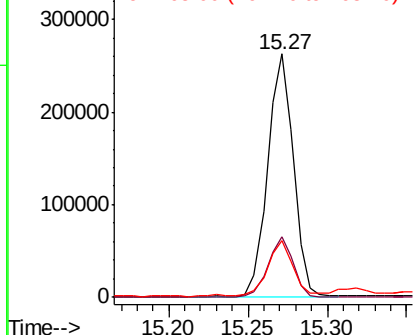


Abundance

Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



#87
Benzo(b)fluoranthene
Concen: 73.381 ng
RT: 14.88 min Scan# 2132
Delta R.T. 0.02 min
Lab File: BF109113.D
Acq: 18 Sep 2018 23:11

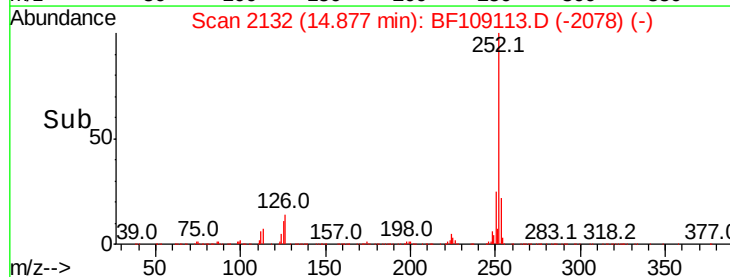
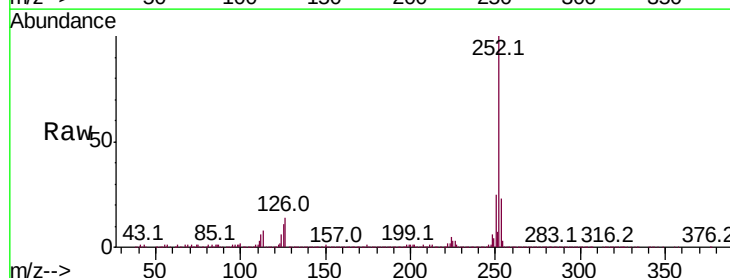
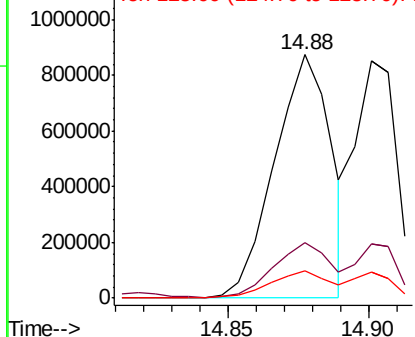
Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.8	17.0	25.6
125	11.0	9.0	13.6

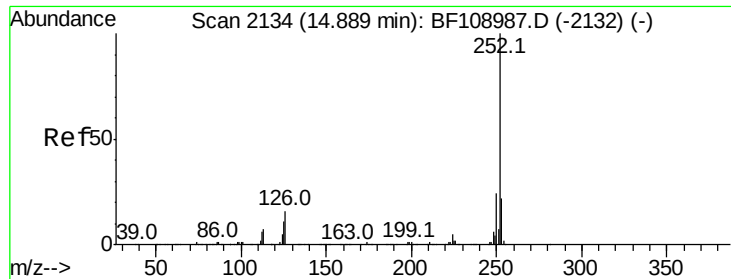
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





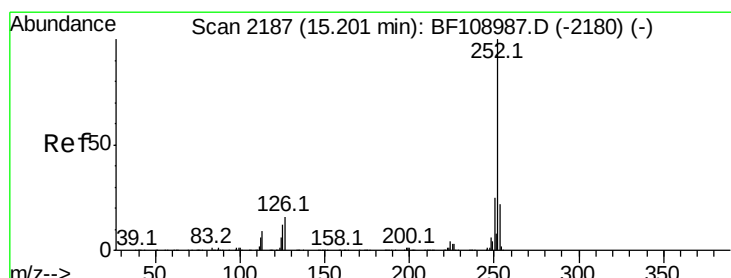
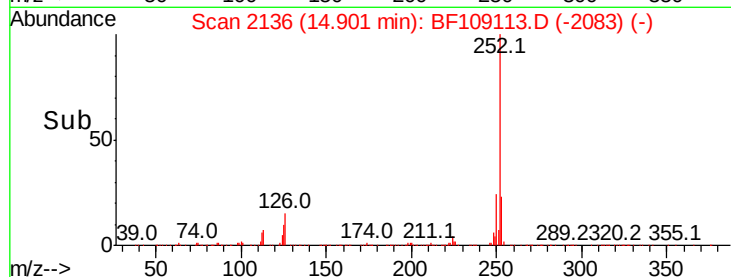
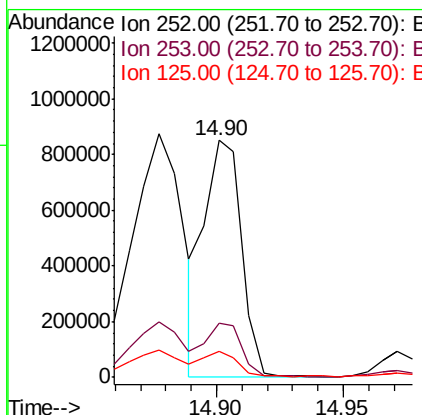
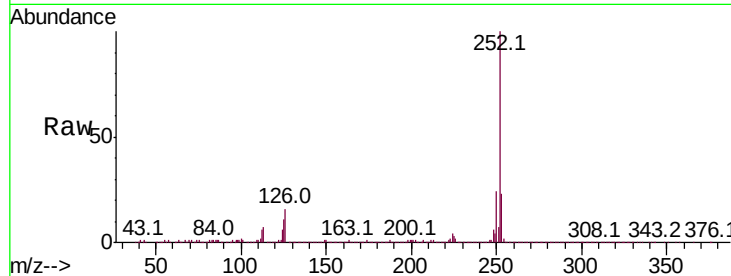
#88
Benzo(k)fluoranthene
Concen: 56.063 ng
RT: 14.90 min Scan# 2136
Delta R.T. 0.01 min
Lab File: BF109113.D
Acq: 18 Sep 2018 23:11

Instrument :
BNA_F
ClientSampleId :
BACKFILL-SW2MSD

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.8	17.9	26.9
125	10.9	10.2	15.2

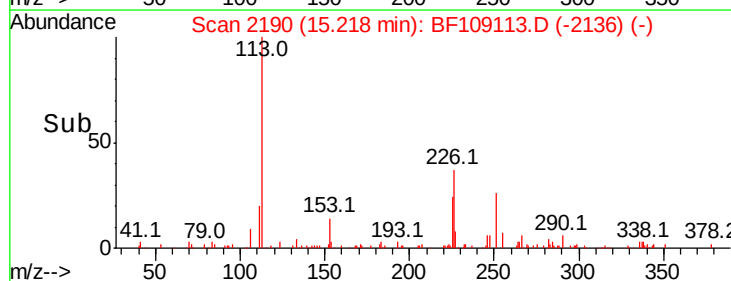
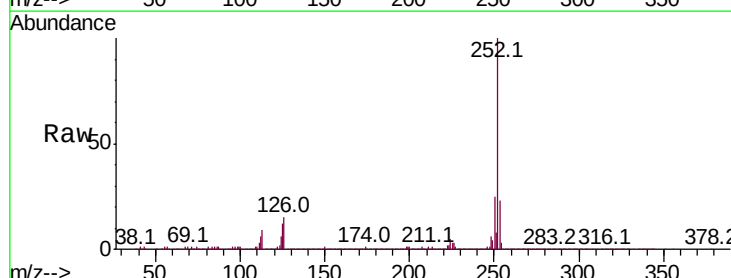
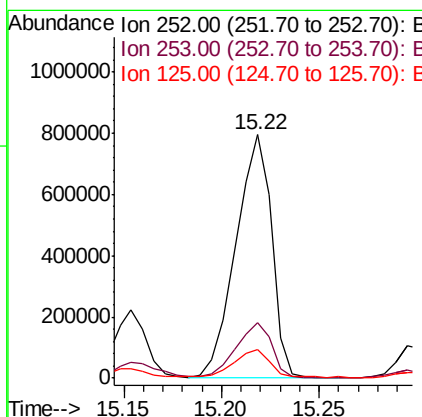
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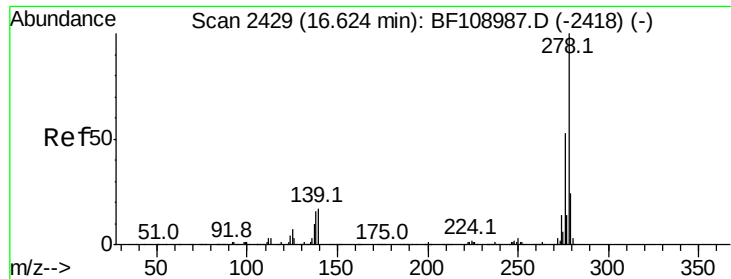
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#89
Benzo(a)pyrene
Concen: 68.553 ng
RT: 15.22 min Scan# 2190
Delta R.T. 0.02 min
Lab File: BF109113.D
Acq: 18 Sep 2018 23:11

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.7	17.1	25.7
125	11.6	9.8	14.6





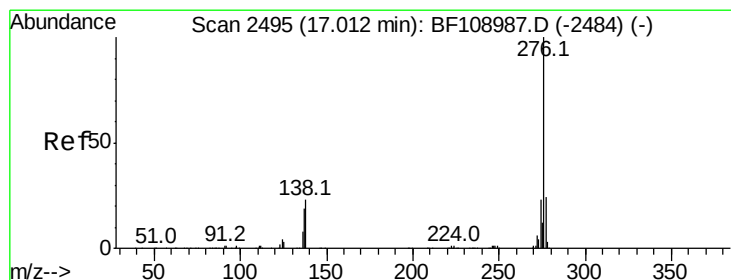
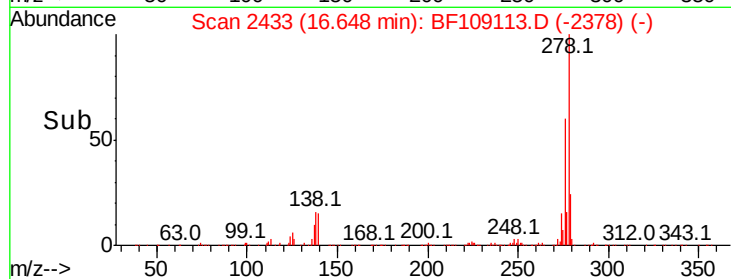
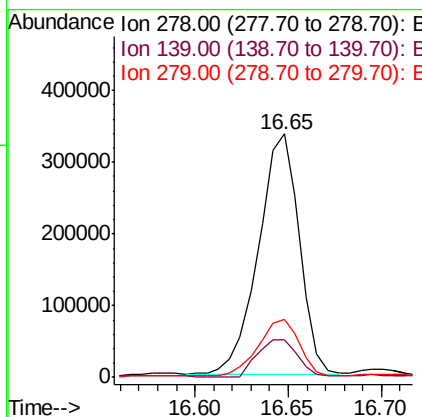
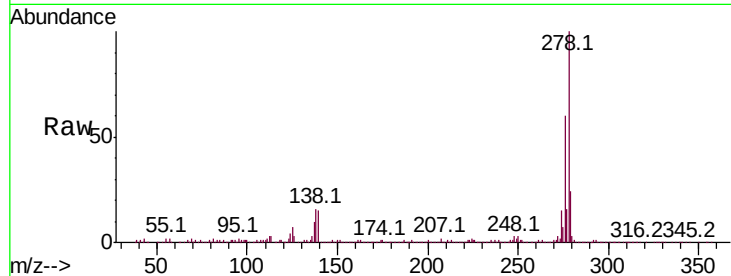
#90
Dibenzo(a,h)anthracene
Concen: 41.903 ng/mL
RT: 16.65 min Scan# 2433
Delta R.T. 0.02 min
Lab File: BF109113.D
Acq: 18 Sep 2018 23:11

Instrument :
BNA_F
ClientSampleId :
BACKFILL-SW2MSD

Tot Ion	Ratio	Lower	Upper
278	100		
139	15.3	15.9	23.9#
279	23.9	19.0	28.4

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#91
Benzo(g,h,i)perylene
Concen: 51.172 ng/mL
RT: 17.04 min Scan# 2500
Delta R.T. 0.03 min
Lab File: BF109113.D
Acq: 18 Sep 2018 23:11

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.9	17.9	26.9
138	20.5	21.8	32.8#

