

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082918\
 Data File : BF108629.D
 Acq On : 30 Aug 2018 3:28
 Operator : JU/SJ
 Sample : PB112466BSD
 Misc :
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB112466BSD

Manual Integrations
 APPROVED

Sohil
 8/30/2018 12:18:45 PM

Quant Time: Aug 30 04:36:08 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF080818.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Aug 22 11:01:45 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.00	152	125790	20.00	ng	0.00
21) Naphthalene-d8	8.28	136	457195	20.00	ng	0.00
38) Acenaphthene-d10	10.05	164	213235	20.00	ng	0.00
63) Phenanthrene-d10	11.54	188	361675	20.00	ng	0.00
75) Chrysene-d12	14.19	240	255561	20.00	ng	0.00
86) Perylene-d12	15.75	264	253566	20.00	ng	-0.01

System Monitoring Compounds

5) 2-Fluorophenol	5.64	112	648788	93.38	ng	0.00
7) Phenol-d6	6.63	99	887217	96.09	ng	0.00
23) Nitrobenzene-d5	7.57	82	874652	106.75	ng	0.00
41) 2,4,6-Tribromophenol	10.84	330	220613	103.72	ng	0.00
44) 2-Fluorobiphenyl	9.36	172	1585851	119.40	ng	0.00
78) Terphenyl-d14	13.12	244	1154965	114.91	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.98	88	124794	34.955	ng	90
3) Pyridine	3.74	79	322517	35.069	ng	87
4) n-Nitrosodimethylamine	3.71	42	177490	34.298	ng	84
6) Aniline	6.67	93	232481	18.511	ng	# 81
8) 2-Chlorophenol	6.79	128	381480	48.750	ng	96
9) Benzaldehyde	6.55	77	216209	30.203	ng	96
10) Phenol	6.65	94	444035	46.494	ng	90
11) bis(2-Chloroethyl)ether	6.73	93	316163	40.948	ng	91
12) 1,3-Dichlorobenzene	6.94	146	424195	46.882	ng	99
13) 1,4-Dichlorobenzene	7.02	146	455752	50.133	ng	97
14) 1,2-Dichlorobenzene	7.17	146	421038	49.792	ng	97
15) Benzyl Alcohol	7.14	79	317455	40.842	ng	94
16) 2,2'-oxybis(1-Chloropropan	7.27	45	680197	42.763	ng	83
17) 2-Methylphenol	7.25	107	308911	46.033	ng	# 90
18) Hexachloroethane	7.51	117	152984	47.269	ng	91
19) n-Nitroso-di-n-propylamine	7.41	70	280358	44.903	ng	91
20) 3+4-Methylphenols	7.40	107	401081	46.640	ng	# 74
22) Acetophenone	7.41	105	558963	52.286	ng	# 90
24) Nitrobenzene	7.59	77	412464	49.784	ng	98
25) Isophorone	7.82	82	747543	47.868	ng	98
26) 2-Nitrophenol	7.90	139	186015	59.452	ng	93
27) 2,4-Dimethylphenol	7.93	122	332455	47.966	ng	98
28) bis(2-Chloroethoxy)methane	8.02	93	458587	50.302	ng	99
29) 2,4-Dichlorophenol	8.14	162	334192	52.394	ng	99
30) 1,2,4-Trichlorobenzene	8.22	180	361934	51.466	ng	98
31) Naphthalene	8.31	128	1108696	53.323	ng	100
32) Benzoic acid	8.07	122	112241	30.407	ng	95
33) 4-Chloroaniline	8.37	127	51601	5.695	ng	93
34) Hexachlorobutadiene	8.41	225	233679	52.489	ng	97
35) Caprolactam	8.74	113	83026m	41.537	ng	
36) 4-Chloro-3-methylphenol	8.84	107	336605	48.918	ng	98
37) 2-Methylnaphthalene	9.00	142	724762	49.267	ng	98
39) 1,2,4,5-Tetrachlorobenzene	9.16	216	379188	57.907	ng	98
40) Hexachlorocyclopentadiene	9.14	237	197050	46.589	ng	97

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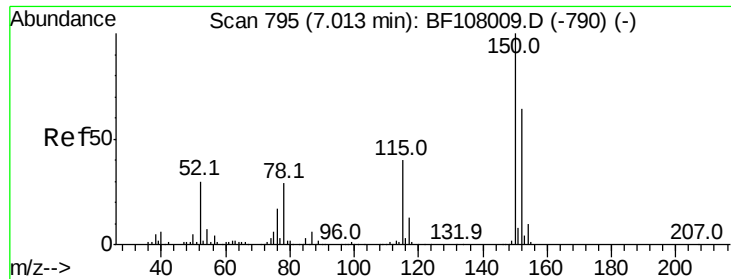
Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.28	196	221903	54.609	ng	100
43) 2,4,5-Trichlorophenol	9.32	196	246768	55.166	ng #	93
45) 1,1'-Biphenyl	9.46	154	892173	56.747	ng	98
46) 2-Chloronaphthalene	9.49	162	685339	55.154	ng	99
47) 2-Nitroaniline	9.60	65	216324	53.804	ng	91
48) Acenaphthylene	9.91	152	1055652	53.738	ng	99
49) Dimethylphthalate	9.76	163	800504	53.893	ng	99
50) 2,6-Dinitrotoluene	9.83	165	170645	54.911	ng	96
51) Acenaphthene	10.08	154	582445	48.407	ng	99
52) 3-Nitroaniline	10.01	138	69647	20.483	ng	94
53) 2,4-Dinitrophenol	10.11	184	75718	66.412	ng #	31
54) Dibenzofuran	10.25	168	898433	51.539	ng	97
55) 4-Nitrophenol	10.17	139	183697	71.345	ng #	80
56) 2,4-Dinitrotoluene	10.24	165	212406	53.099	ng #	91
57) Fluorene	10.60	166	708284	51.327	ng	98
58) 2,3,4,6-Tetrachlorophenol	10.37	232	204805	54.778	ng #	81
59) Diethylphthalate	10.45	149	756460	52.593	ng	97
60) 4-Chlorophenyl-phenylether	10.58	204	373437	51.935	ng	92
61) 4-Nitroaniline	10.63	138	137337	40.854	ng	94
62) Azobenzene	10.74	77	730139	49.154	ng	93
64) 4,6-Dinitro-2-methylphenol	10.65	198	54423	40.964	ng	91
65) n-Nitrosodiphenylamine	10.71	169	637756	59.671	ng	96
66) 4-Bromophenyl-phenylether	11.08	248	232158	59.067	ng #	83
67) Hexachlorobenzene	11.14	284	234101	56.608	ng #	89
68) Atrazine	11.22	200	203714	56.828	ng	96
69) Pentachlorophenol	11.34	266	182529	92.214	ng	100
70) Phenanthrene	11.57	178	912019	53.463	ng	99
71) Anthracene	11.62	178	964026	55.137	ng	100
72) Carbazole	11.78	167	783339	50.427	ng	99
73) Di-n-butylphthalate	12.08	149	1024924	58.250	ng	99
74) Fluoranthene	12.76	202	885241	47.548	ng	95
76) Benzidine	12.88	184	266663	27.928	ng	98
77) Pyrene	12.99	202	861192	53.227	ng	100
79) Butylbenzylphthalate	13.59	149	363733	56.615	ng #	98
80) Benzo(a)anthracene	14.18	228	772612	52.678	ng	99
81) 3,3'-Dichlorobenzidine	14.14	252	187424	35.658	ng #	96
82) Chrysene	14.22	228	746502	55.518	ng	99
83) Bis(2-ethylhexyl)phthalate	14.14	149	484662	55.707	ng	99
84) Di-n-octyl phthalate	14.76	149	828486	62.439	ng	97
85) Indeno(1,2,3-cd)pyrene	17.37	276	645378	55.394	ng #	90
87) Benzo(b)fluoranthene	15.28	252	814114m	53.731	ng	
88) Benzo(k)fluoranthene	15.31	252	705651	50.664	ng #	97
89) Benzo(a)pyrene	15.68	252	714220	52.641	ng #	96
90) Dibenzo(a,h)anthracene	17.38	278	554768	49.418	ng #	93
91) Benzo(g,h,i)perylene	17.86	276	513283	46.433	ng #	89

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



#1

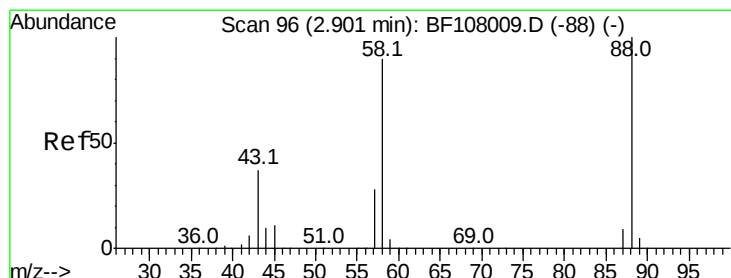
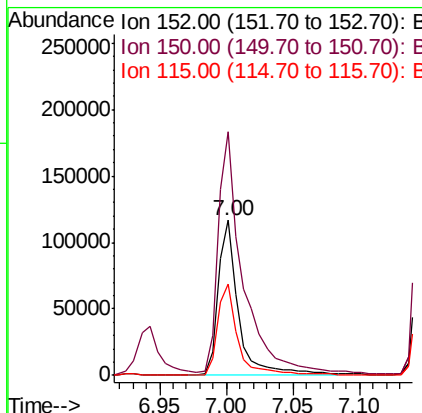
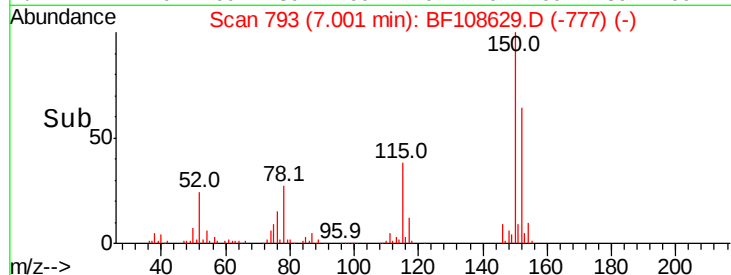
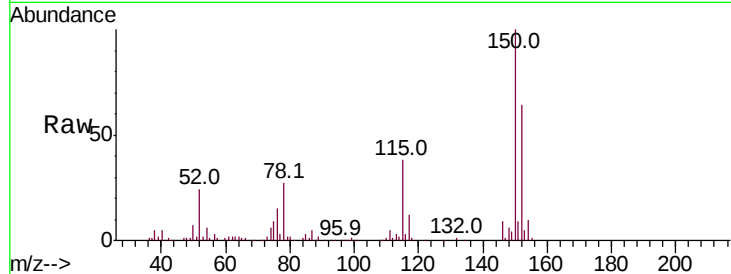
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.00 min Scan# 793
Delta R.T. -0.01 min
Lab File: BF108629.D
Acq: 30 Aug 2018 3:28

Instrument :
BNA_F
ClientSampleId :
PB112466BSD

Tot Ion	Ratio	Lower	Upper
152	100		
150	157.0	124.6	186.8
115	59.0	50.1	75.1

Manual Integrations
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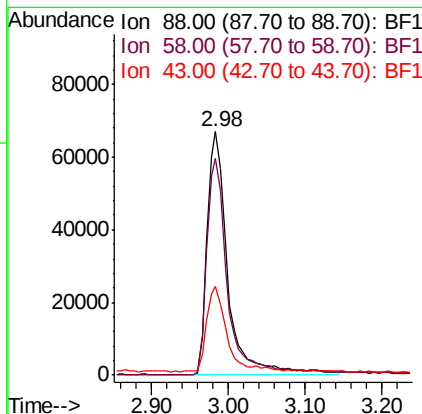
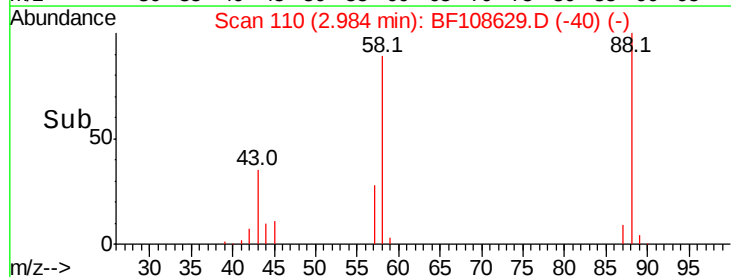
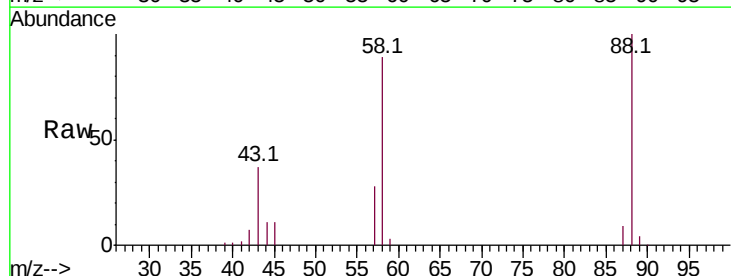
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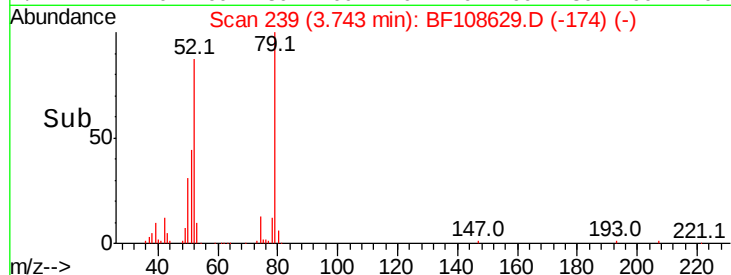
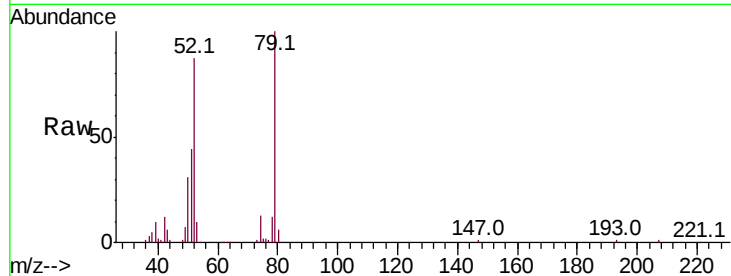
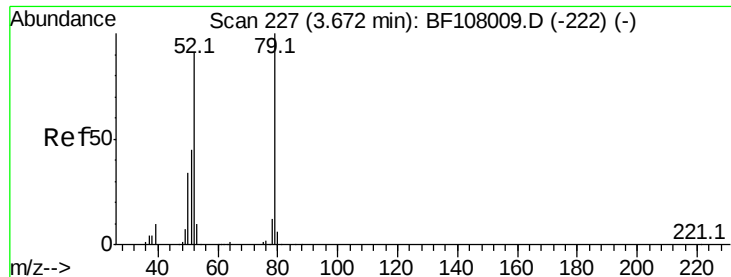


#2

1,4-Dioxane
Concen: 34.955 ng
RT: 2.98 min Scan# 110
Delta R.T. 0.11 min
Lab File: BF108629.D
Acq: 30 Aug 2018 3:28

Tgt Ion	Ratio	Lower	Upper
88	100		
58	88.6	62.6	93.8
43	33.9	24.6	37.0





#3

Pvridine

Concen: 35.069 ng

RT: 3.74 min Scan# 239

Delta R.T. 0.08 min

Lab File: BF108629.D

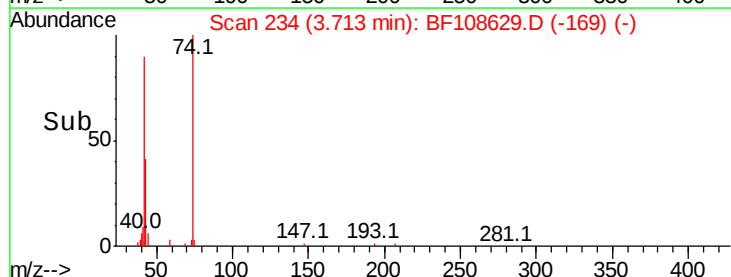
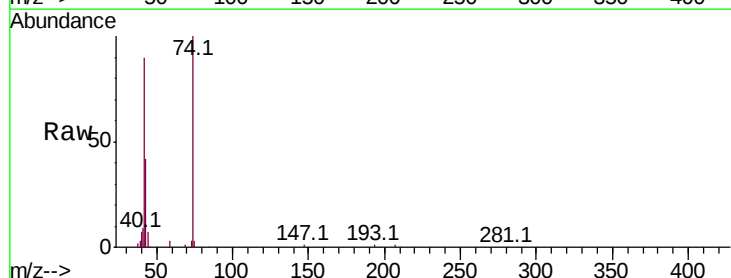
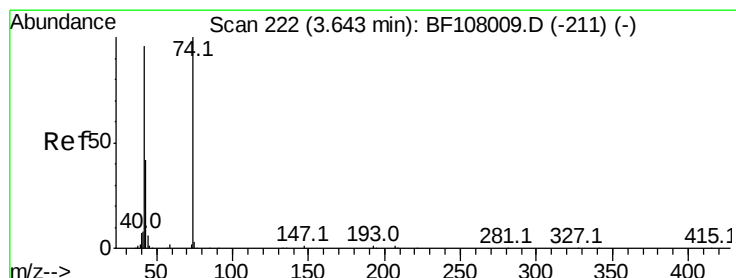
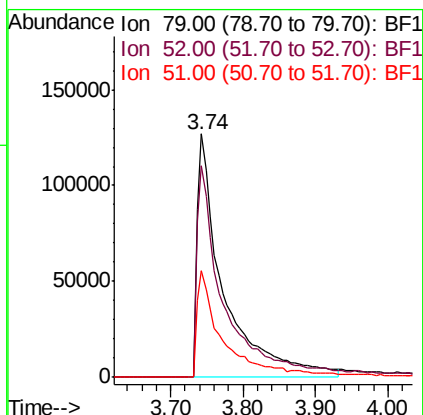
Acq: 30 Aug 2018 3:28

Tot Ion	Ratio	Lower	Upper
79	100		
52	87.0	59.8	89.6
51	43.6	29.8	44.8

Instrument :
BNA_F
ClientSampleId :
PB112466BSD

Manual Integrations
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#4

n-Nitrosodimethylamine

Concen: 34.298 ng

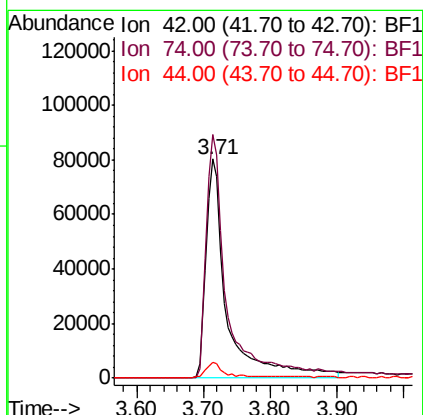
RT: 3.71 min Scan# 234

Delta R.T. 0.08 min

Lab File: BF108629.D

Acq: 30 Aug 2018 3:28

Tgt Ion	Ratio	Lower	Upper
42	100		
74	111.2	104.9	157.3
44	7.2	6.9	10.3





#5

2-Fluorophenol

Concen: 93.378 ng

RT: 5.64 min Scan# 561

Delta R.T. 0.01 min

Lab File: BF108629.D

Acq: 30 Aug 2018 3:28

Instrument :

BNA_F

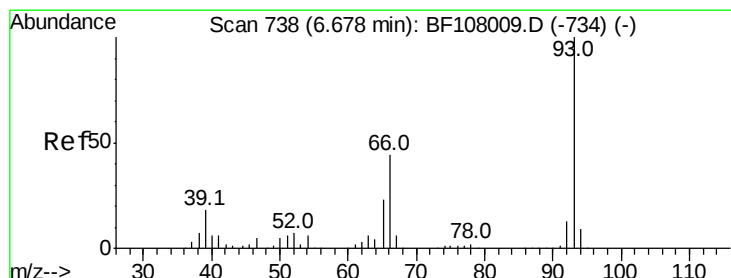
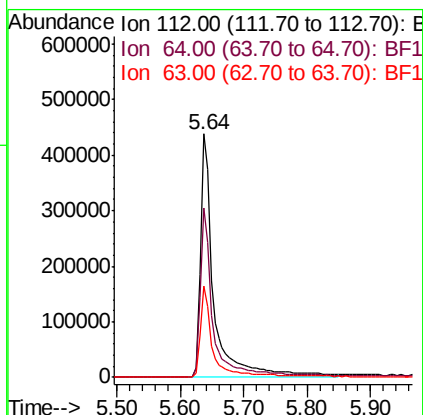
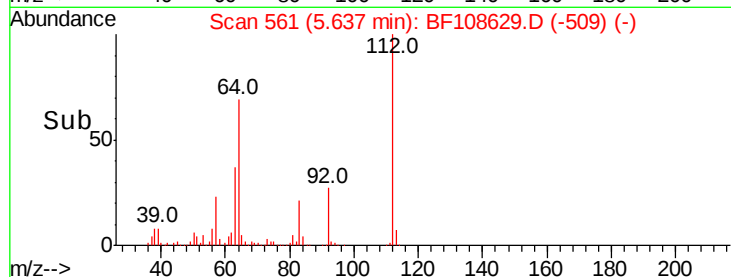
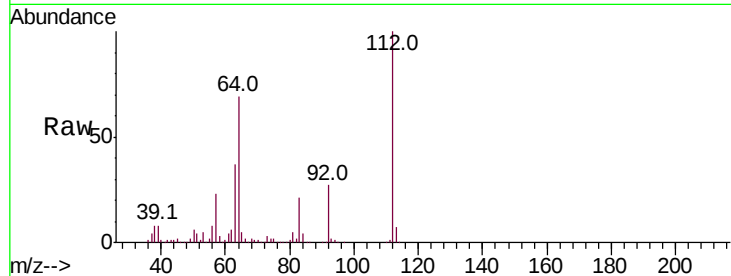
ClientSampleId :

PB112466BSD

Tot Ion:	112	Resp:	648788
Ion Ratio	Lower	Upper	
112	100		
64	69.5	47.9	71.9
63	37.3	23.7	35.5#

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#6

Aniline

Concen: 18.511 ng

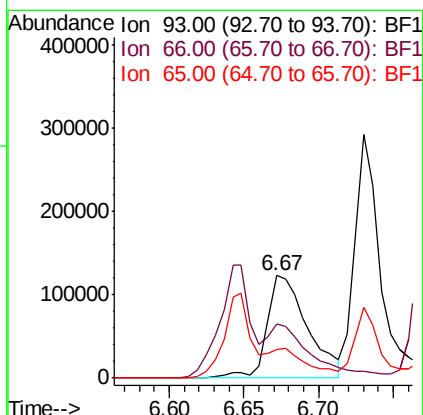
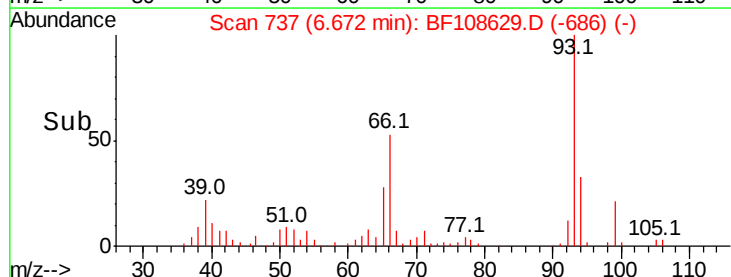
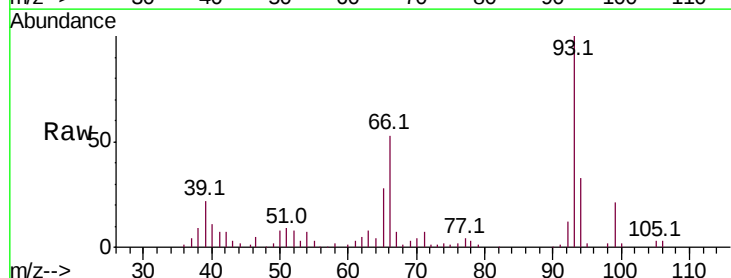
RT: 6.67 min Scan# 737

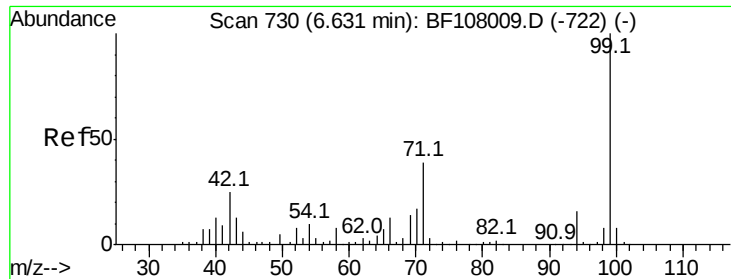
Delta R.T. -0.00 min

Lab File: BF108629.D

Acq: 30 Aug 2018 3:28

Tgt Ion:	93	Resp:	232481
Ion Ratio	Lower	Upper	
93	100		
66	52.7	32.2	48.2#
65	28.1	16.4	24.6#





#7

Phenol-d6

Concen: 96.093 ng

RT: 6.63 min Scan# 730

Delta R.T. -0.00 min

Lab File: BF108629.D

Acq: 30 Aug 2018 3:28

Instrument :

BNA_F

ClientSampleId :

PB112466BSD

Tot Ion: 99 Resp: 887217

Ion Ratio Lower Upper

99 100

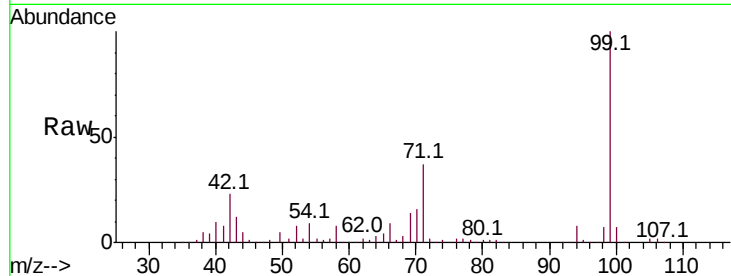
42 22.8 14.5 21.7#

71 37.4 25.4 38.0

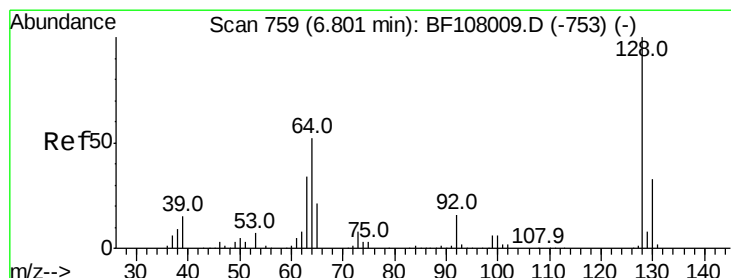
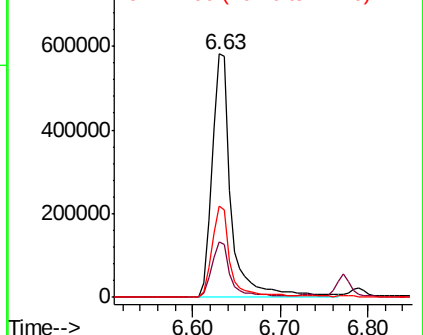
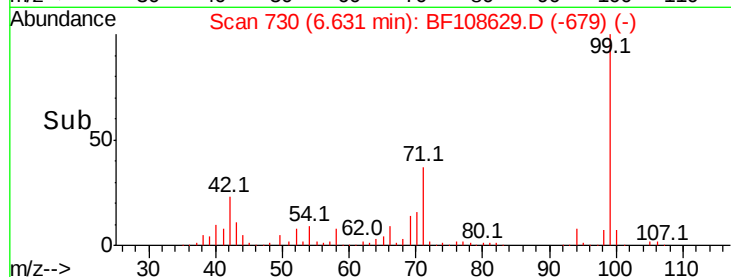
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Abundance Ion 99.00 (98.70 to 99.70): BF1
800000
Ion 42.00 (41.70 to 42.70): BF1
Ion 71.00 (70.70 to 71.70): BF1



#8

2-Chlorophenol

Concen: 48.750 ng

RT: 6.79 min Scan# 757

Delta R.T. -0.01 min

Lab File: BF108629.D

Acq: 30 Aug 2018 3:28

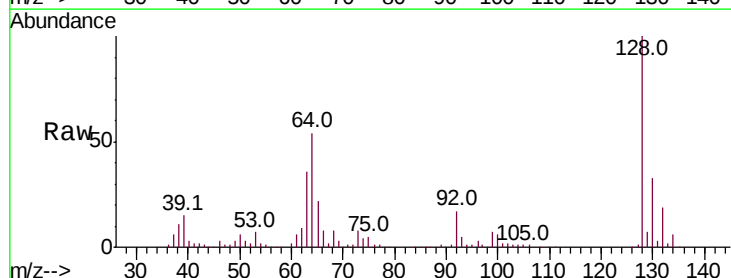
Tgt Ion:128 Resp: 381480

Ion Ratio Lower Upper

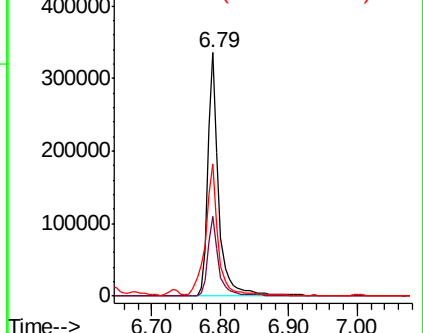
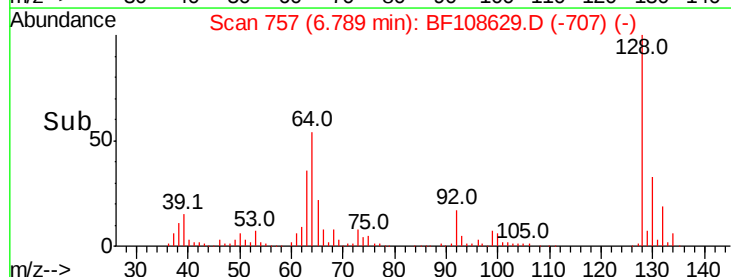
128 100

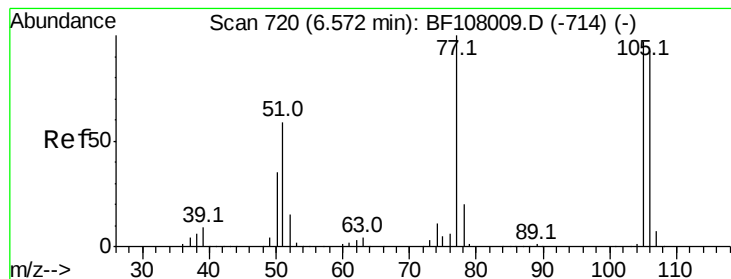
130 32.7 13.0 53.0

64 54.3 29.4 69.4



Abundance Ion 128.00 (127.70 to 128.70): E
400000
Ion 130.00 (129.70 to 130.70): E
Ion 64.00 (63.70 to 64.70): BF1





#9

Benzaldehyde

Concen: 30.203 ng

RT: 6.55 min Scan# 717

Delta R.T. -0.01 min

Lab File: BF108629.D

Acq: 30 Aug 2018 3:28

Instrument :

BNA_F

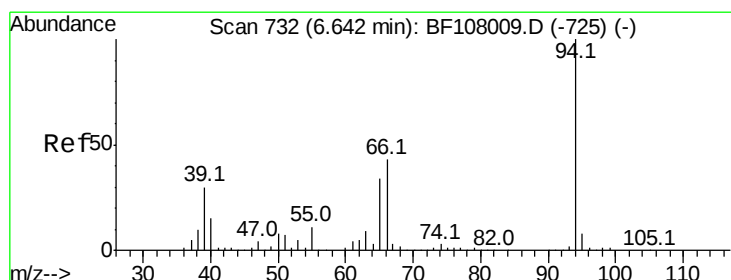
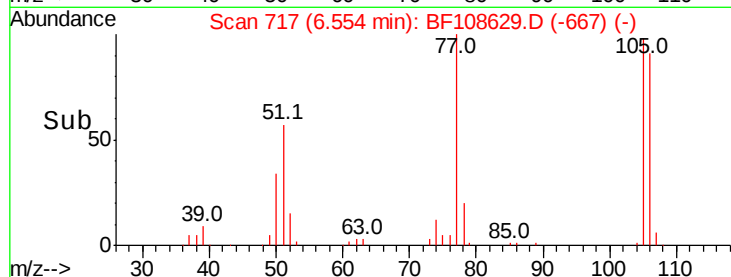
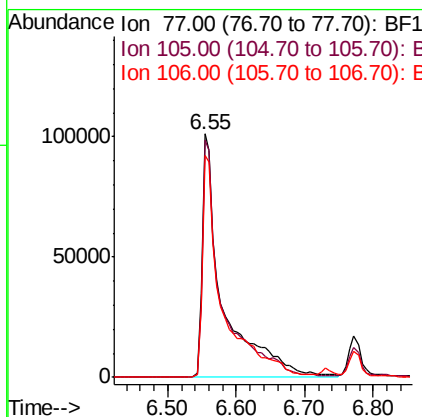
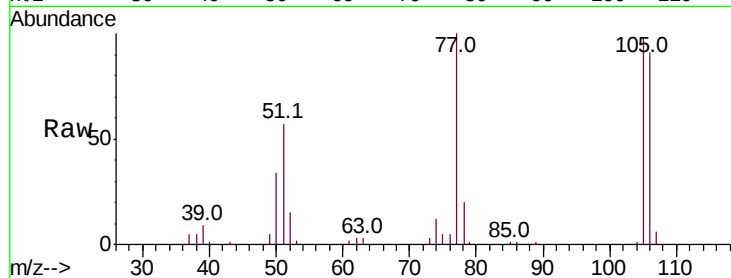
ClientSampleId :

PB112466BSD

Tot Ion:	77	Resp:	216209
Ion Ratio	Lower	Upper	
77	100		
105	97.6	81.1	121.1
106	91.1	74.5	114.5

Manual Integrations
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#10

Phenol

Concen: 46.494 ng

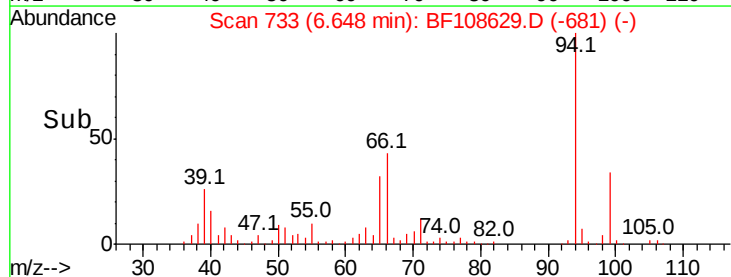
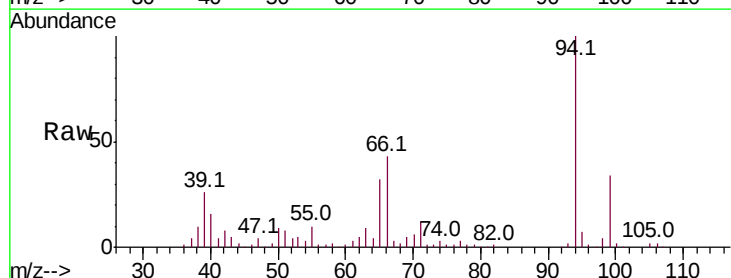
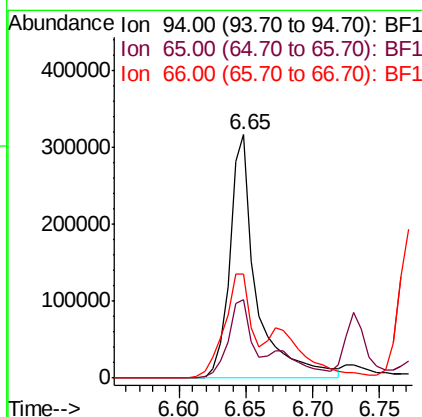
RT: 6.65 min Scan# 733

Delta R.T. 0.01 min

Lab File: BF108629.D

Acq: 30 Aug 2018 3:28

Tgt Ion:	94	Resp:	444035
Ion Ratio	Lower	Upper	
94	100		
65	32.0	7.9	47.9
66	42.7	16.2	56.2





#11

bis(2-Chloroethyl)ether

Concen: 40.948 ng

RT: 6.73 min Scan# 747

Delta R.T. -0.01 min

Lab File: BF108629.D

Acq: 30 Aug 2018 3:28

Instrument :

BNA_F

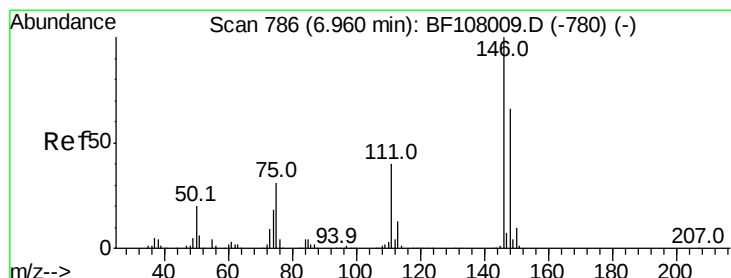
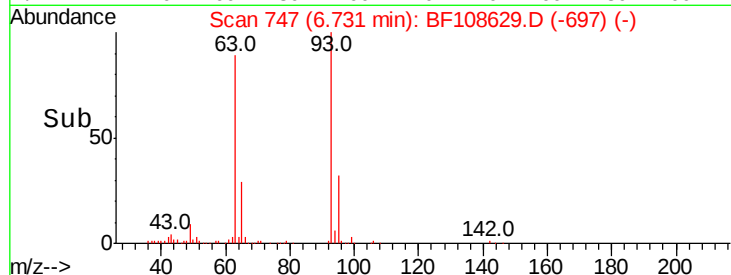
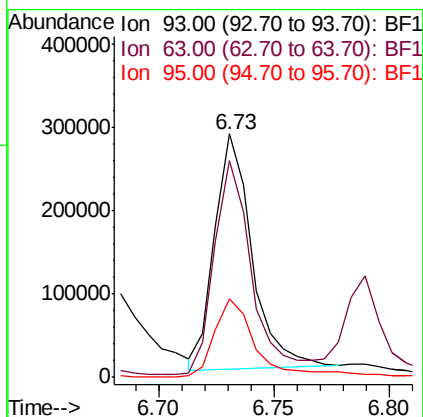
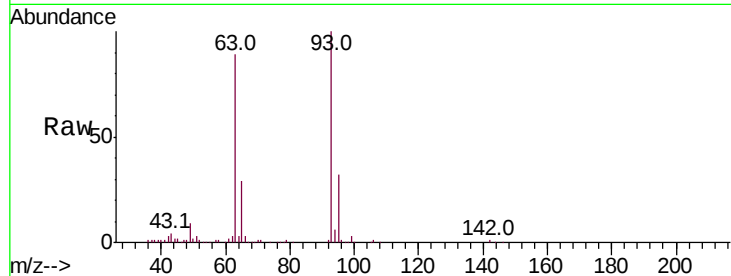
ClientSampleId :

PB112466BSD

Tot Ion	93	Resp	316163
Ion Ratio	Lower	Upper	
93	100		
63	88.9	58.6	98.6
95	32.2	11.8	51.8

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#12

1,3-Dichlorobenzene

Concen: 46.882 ng

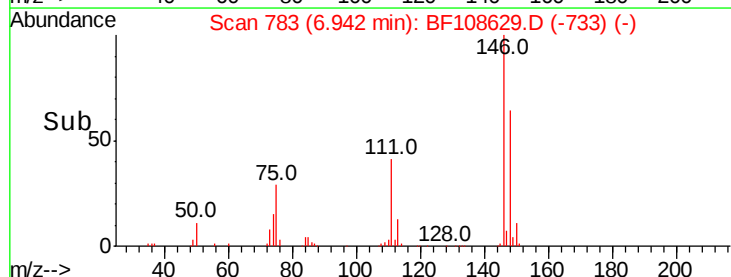
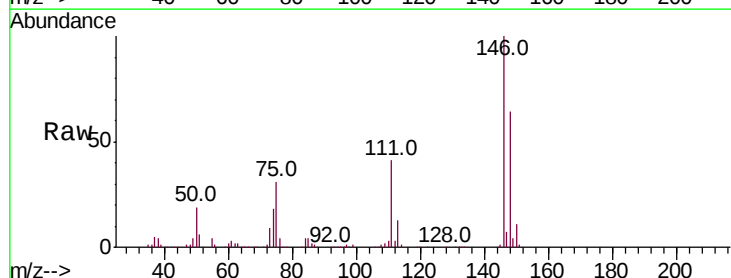
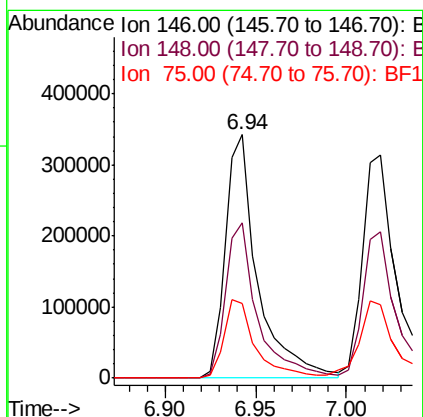
RT: 6.94 min Scan# 783

Delta R.T. -0.01 min

Lab File: BF108629.D

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Tgt Ion	146	Resp	424195
Ion Ratio	Lower	Upper	
146	100		
148	64.0	51.8	77.8
75	30.7	24.2	36.4





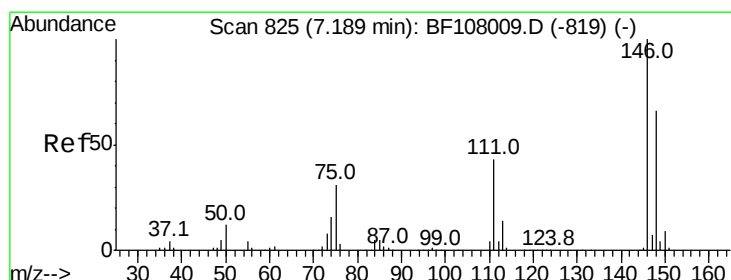
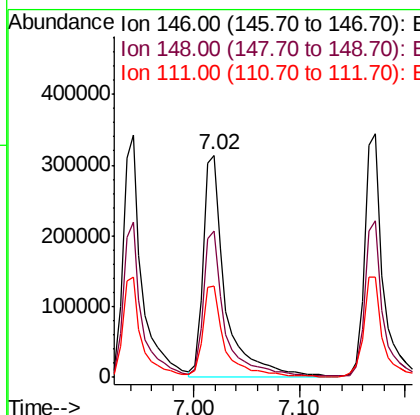
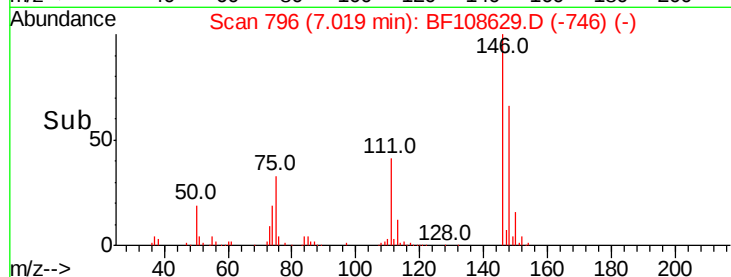
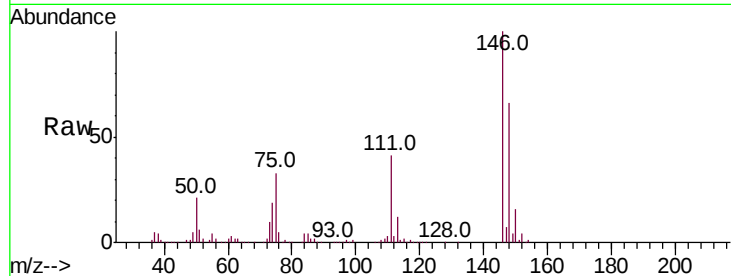
#13
1,4-Dichlorobenzene
Concen: 50.133 ng
RT: 7.02 min Scan# 796
Delta R.T. -0.01 min
Lab File: BF108629.D
Acq: 30 Aug 2018 3:28

Instrument :
BNA_F
ClientSampleId :
PB112466BSD

Tot Ion	Ratio	Lower	Upper
146	100		
148	65.8	50.8	76.2
111	40.9	34.2	51.2

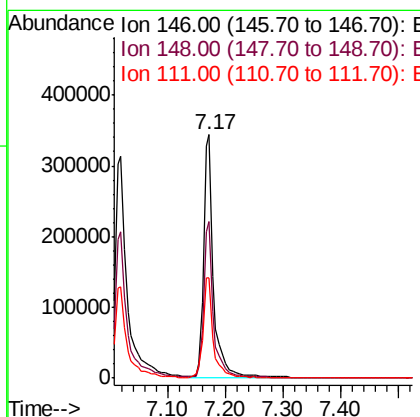
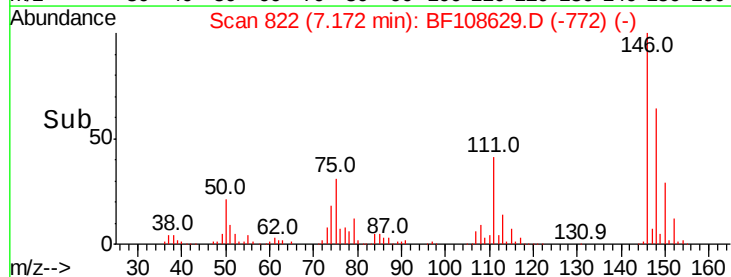
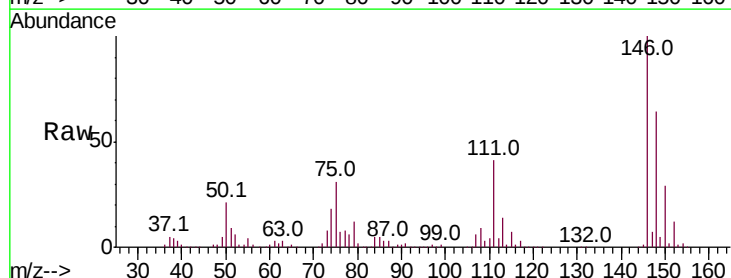
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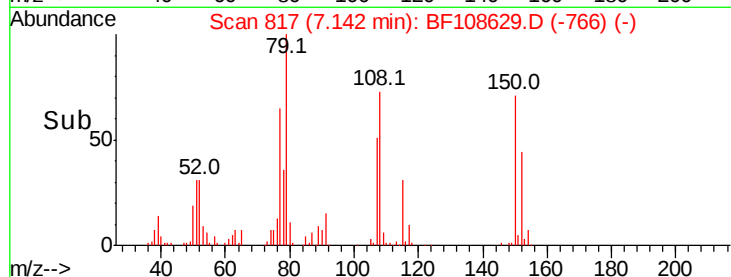
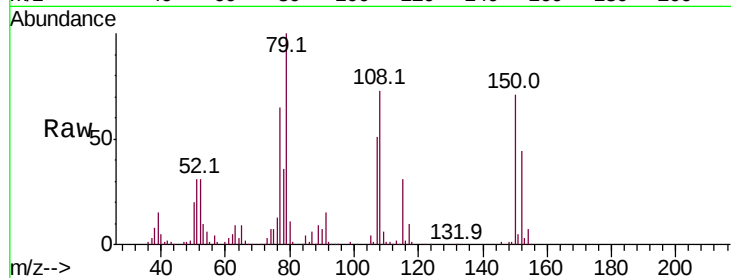
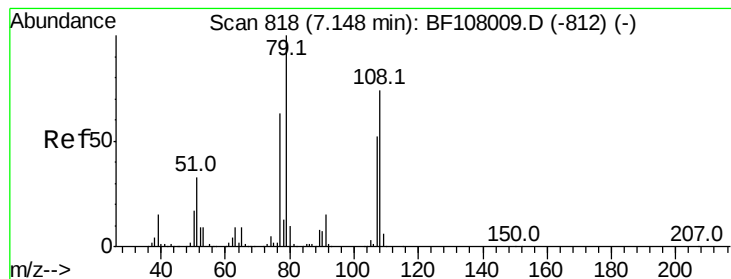
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#14
1,2-Dichlorobenzene
Concen: 49.792 ng
RT: 7.17 min Scan# 822
Delta R.T. -0.01 min
Lab File: BF108629.D
Acq: 30 Aug 2018 3:28

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.3	50.6	75.8
111	41.2	36.0	54.0





#15

Benzyl Alcohol

Concen: 40.842 ng

RT: 7.14 min Scan# 817

Delta R.T. -0.00 min

Lab File: BF108629.D

Acq: 30 Aug 2018 3:28

Tot Ion:	79	Resp:	317455
Ion Ratio	Lower	Upper	
79	100		
108	73.3	65.1	97.7
77	65.0	50.6	75.8

Instrument :

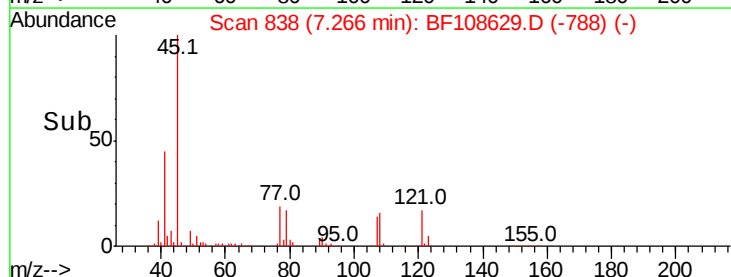
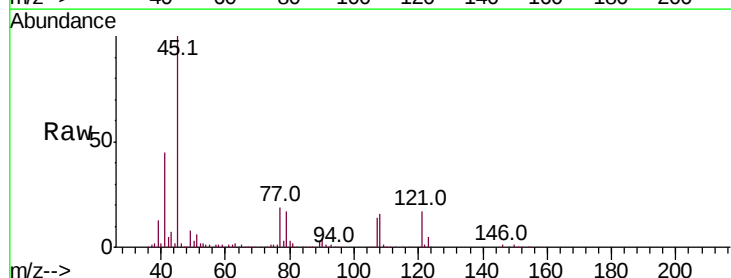
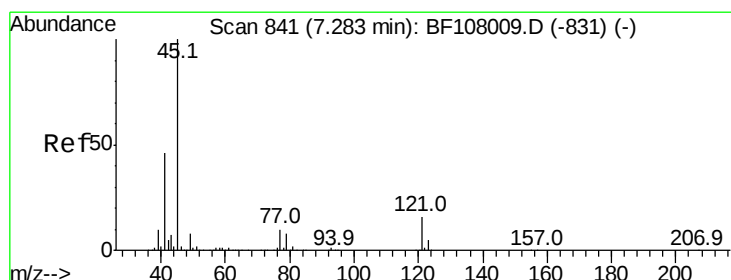
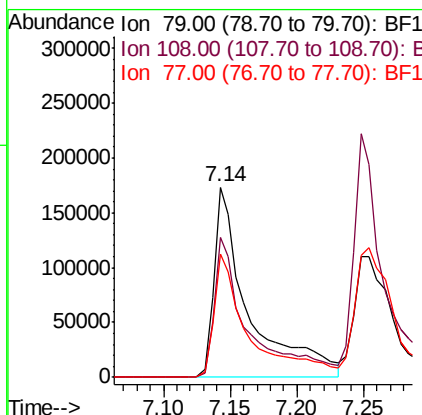
BNA_F

ClientSampleId :

PB112466BSD

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#16

2,2'-oxybis(1-Chloropropane)

Concen: 42.763 ng

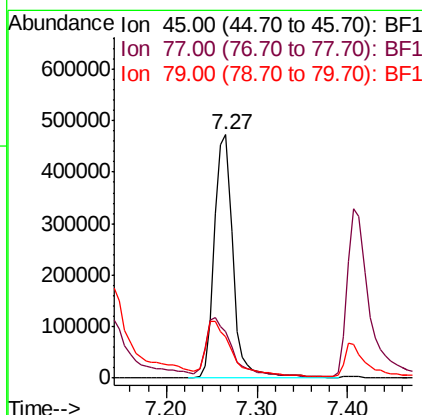
RT: 7.27 min Scan# 838

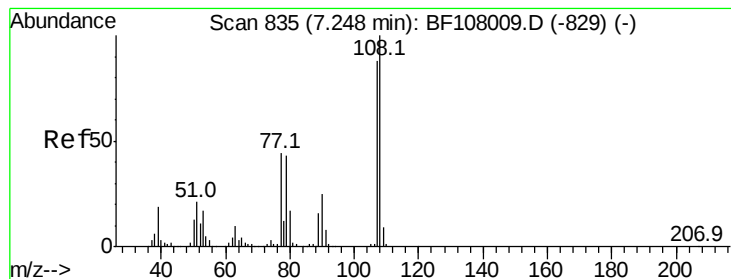
Delta R.T. -0.01 min

Lab File: BF108629.D

Acq: 30 Aug 2018 3:28

Tgt Ion:	45	Resp:	680197
Ion Ratio	Lower	Upper	
45	100		
77	18.9	0.0	32.9
79	16.9	0.0	29.6





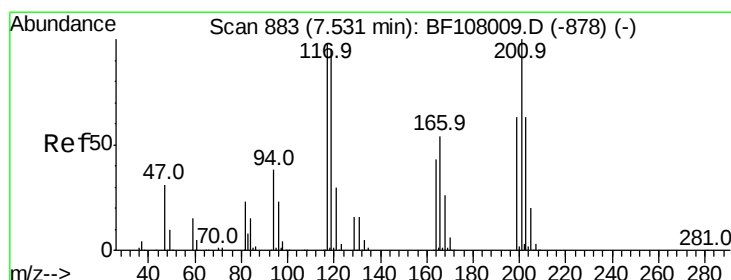
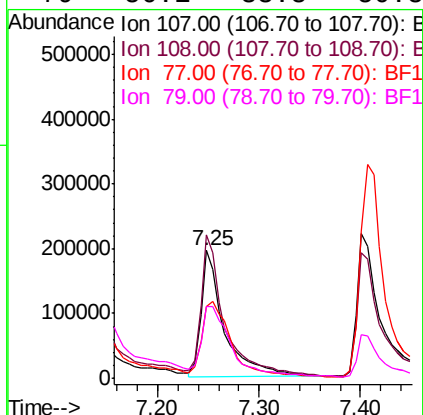
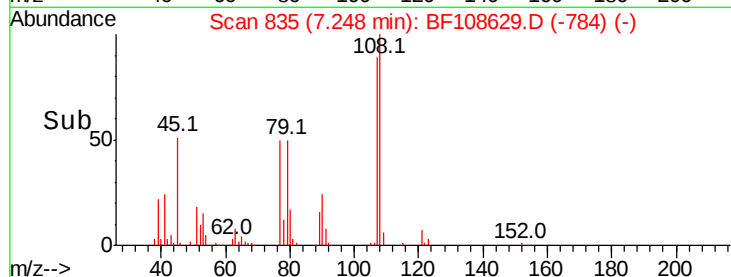
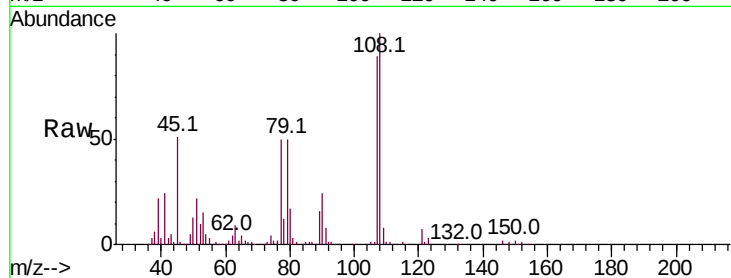
#17
2-Methylphenol
Concen: 46.033 ng
RT: 7.25 min Scan# 835
Delta R.T. -0.00 min
Lab File: BF108629.D
Acq: 30 Aug 2018 3:28

Instrument :
BNA_F
ClientSampleID :
PB112466BSD

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	112.5	91.7	137.5	
77	56.5	33.8	50.8#	
79	56.1	33.8	50.8#	

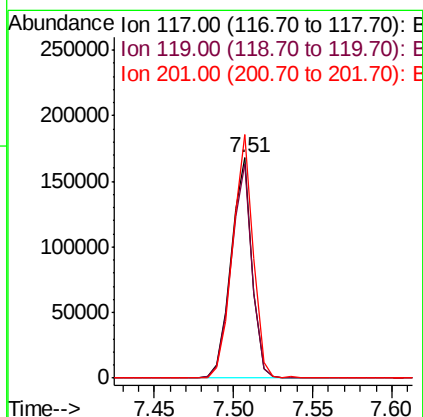
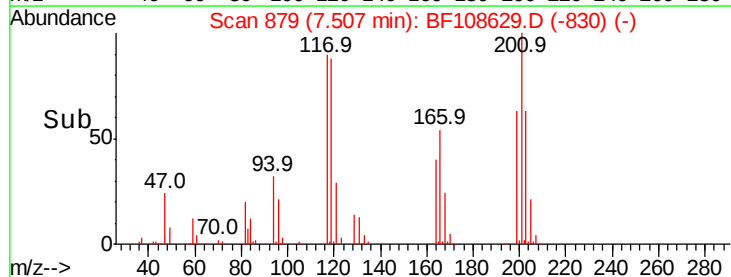
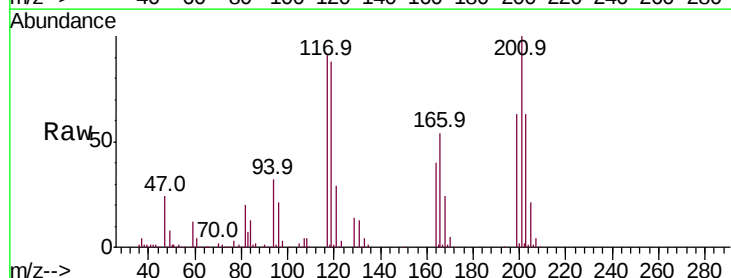
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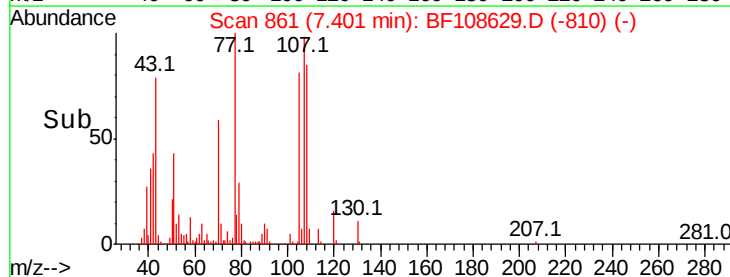
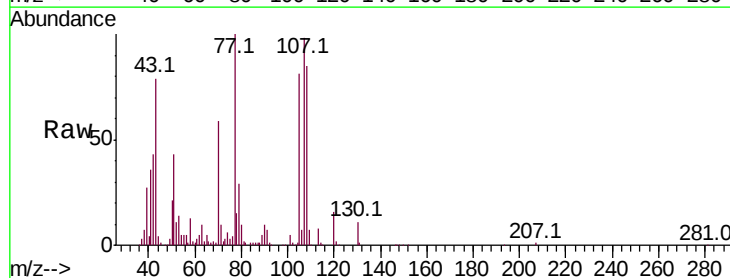
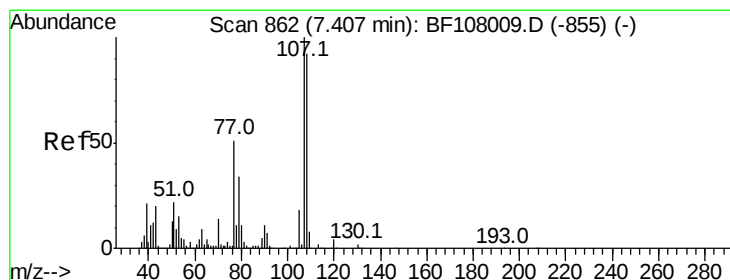
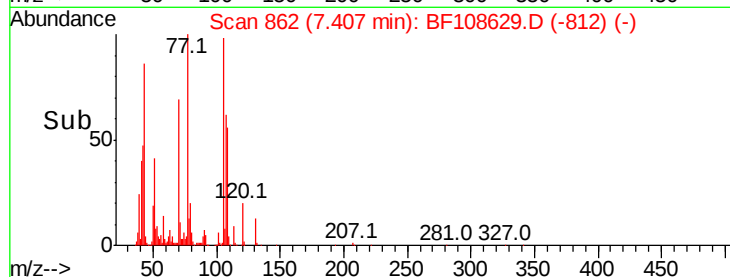
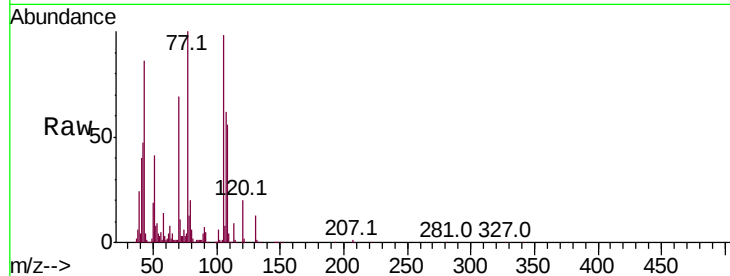
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#18
Hexachloroethane
Concen: 47.269 ng
RT: 7.51 min Scan# 879
Delta R.T. -0.01 min
Lab File: BF108629.D
Acq: 30 Aug 2018 3:28

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	97.0	75.8	113.8	
201	110.5	75.7	113.5	





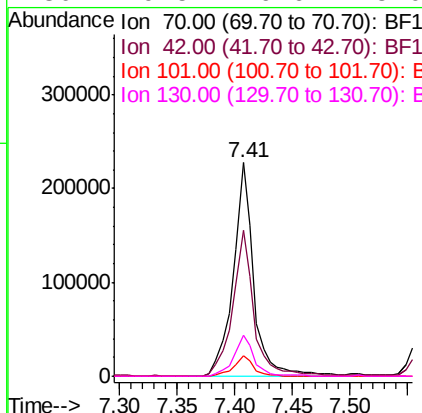
#19
n-Nitroso-di-n-propylamine
Concen: 44.903 ng
RT: 7.41 min Scan# 862
Delta R.T. -0.01 min
Lab File: BF108629.D
Acq: 30 Aug 2018 3:28

Instrument :
BNA_F
ClientSampleId :
PB112466BSD

Tot Ion	Ratio	Lower	Upper
70	100		
42	68.6	47.5	71.3
101	9.4	7.4	11.2
130	19.5	16.6	25.0

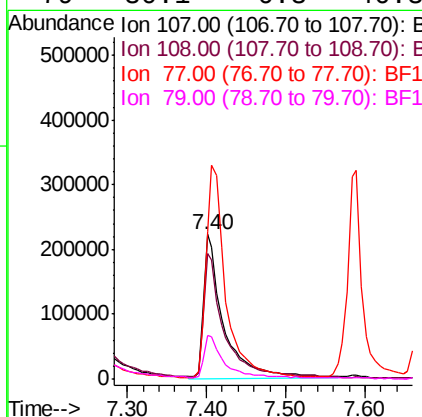
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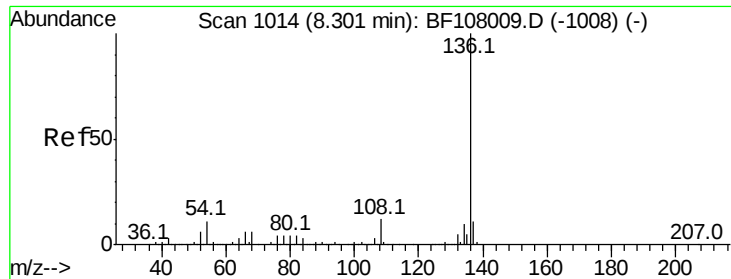
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#20
3+4-Methylphenols
Concen: 46.640 ng
RT: 7.40 min Scan# 861
Delta R.T. -0.00 min
Lab File: BF108629.D
Acq: 30 Aug 2018 3:28

Tgt Ion	Ratio	Lower	Upper
107	100		
108	86.9	68.2	108.2
77	102.0	26.7	66.7#
79	30.1	6.3	46.3





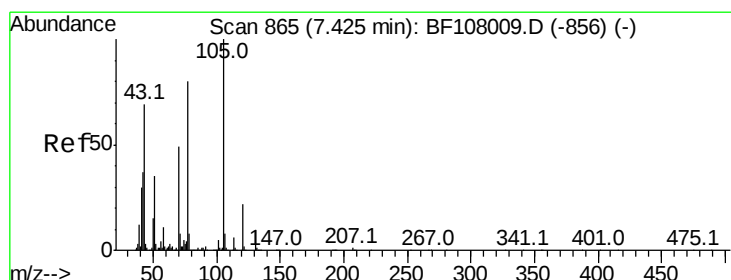
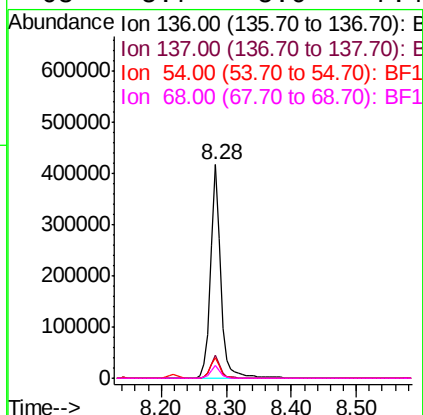
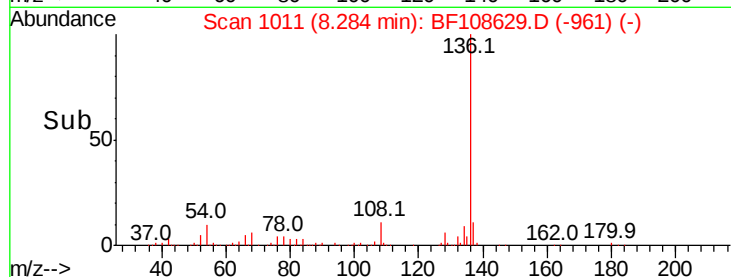
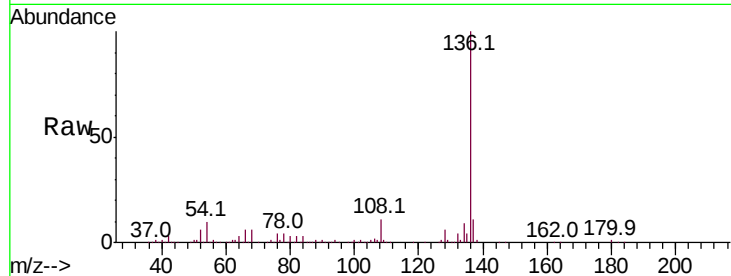
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.28 min Scan# 1011
Delta R.T. -0.01 min
Lab File: BF108629.D
Acq: 30 Aug 2018 3:28

Instrument :
BNA_F
ClientSampleId :
PB112466BSD

Tot Ion	Ratio	Resp	Lower	Upper
136	100	457195		
137	11.1	8.9	13.3	
54	9.7	6.6	9.8	
68	5.7	5.0	7.4	

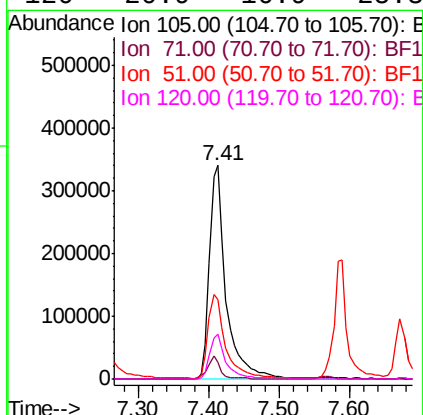
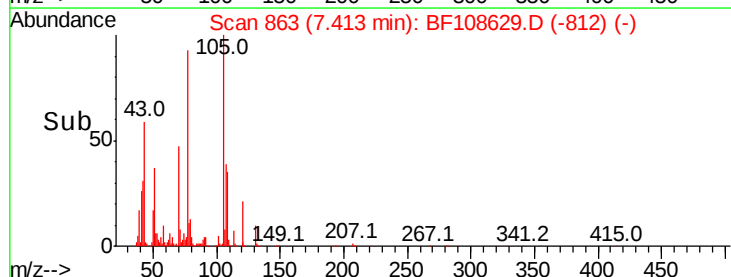
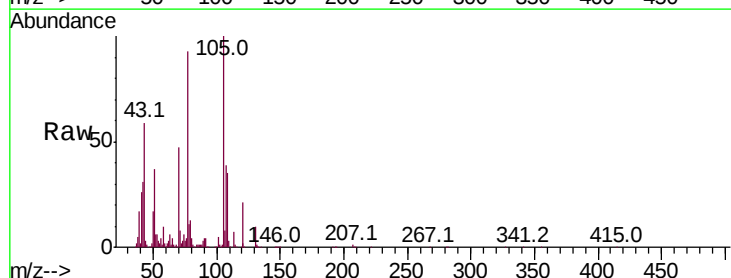
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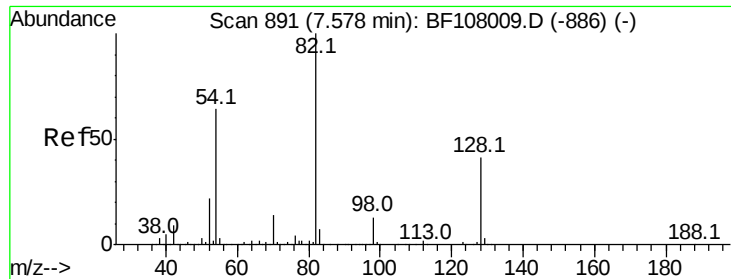
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#22
Acetophenone
Concen: 52.286 ng
RT: 7.41 min Scan# 863
Delta R.T. -0.00 min
Lab File: BF108629.D
Acq: 30 Aug 2018 3:28

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	558963		
71	7.6	4.4	6.6#	
51	37.1	22.3	33.5#	
120	20.9	16.9	25.3	





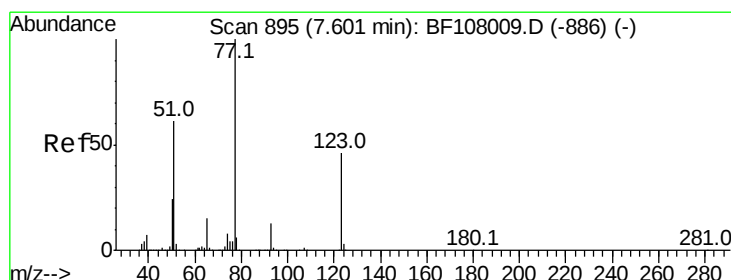
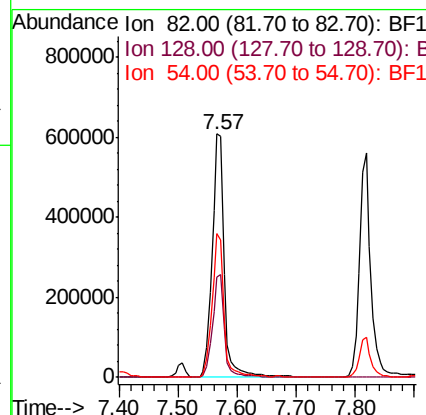
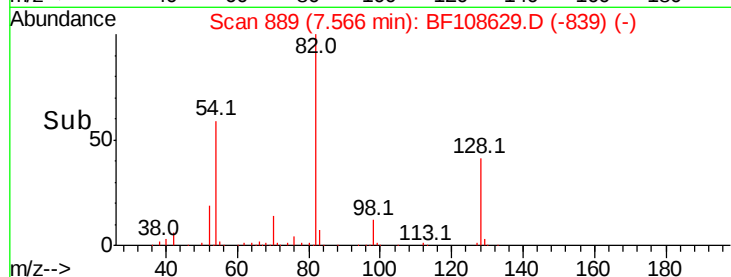
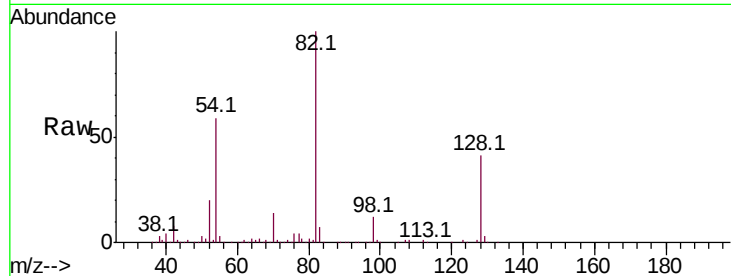
#23
 Nitrobenzene-d5
 Concen: 106.753 ng
 RT: 7.57 min Scan# 889
 Delta R.T. -0.01 min
 Lab File: BF108629.D
 Acq: 30 Aug 2018 3:28

Instrument :
 BNA_F
 ClientSampleId :
 PB112466BSD

Tot Ion	Ratio	Resp	Lower	Upper
82	100	874652		
128	41.1	36.1	54.1	
54	59.1	41.4	62.2	

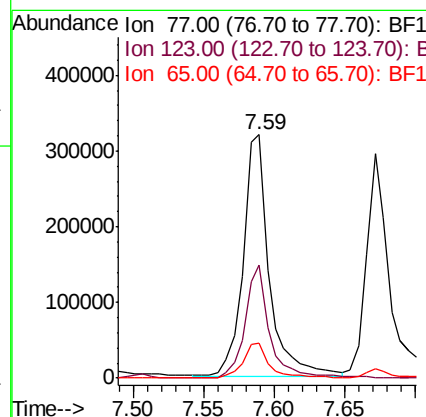
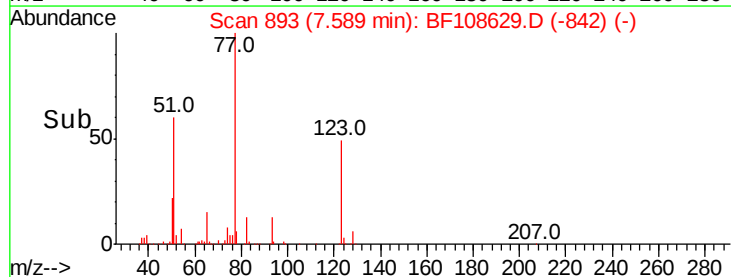
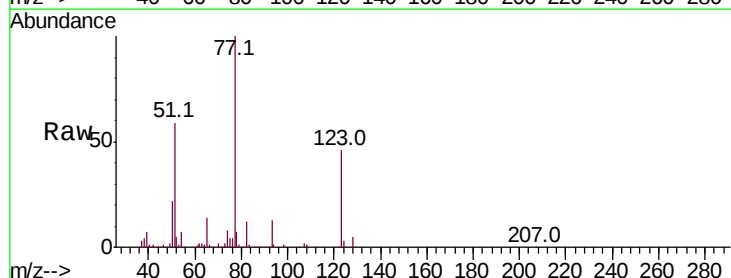
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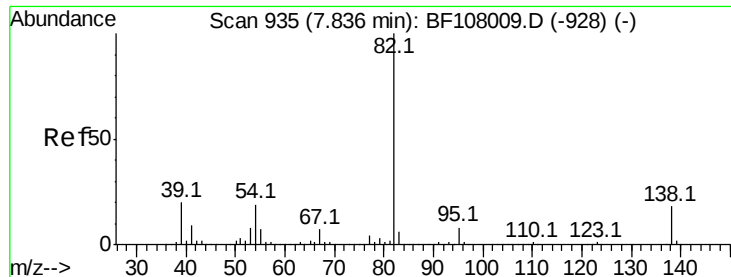
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#24
 Nitrobenzene
 Concen: 49.784 ng
 RT: 7.59 min Scan# 893
 Delta R.T. -0.00 min
 Lab File: BF108629.D
 Acq: 30 Aug 2018 3:28

Tgt Ion	Ratio	Resp	Lower	Upper
77	100	412464		
123	46.4	37.9	56.9	
65	14.3	11.0	16.4	





#25

Isophorone

Concen: 47.868 ng

RT: 7.82 min Scan# 932

Delta R.T. -0.01 min

Lab File: BF108629.D

Acq: 30 Aug 2018 3:28

Instrument :

BNA_F

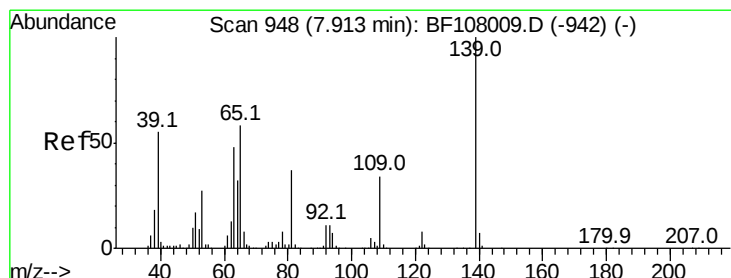
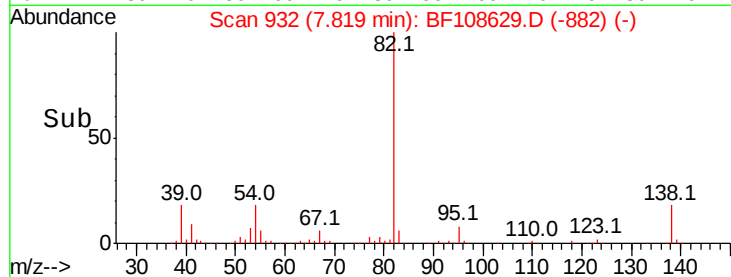
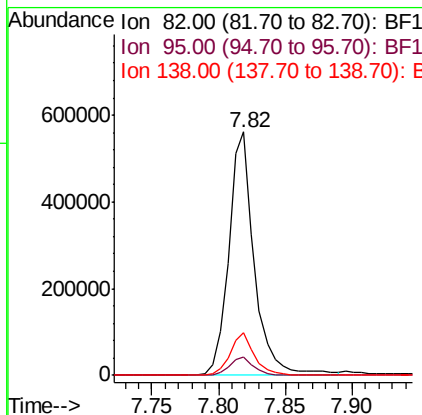
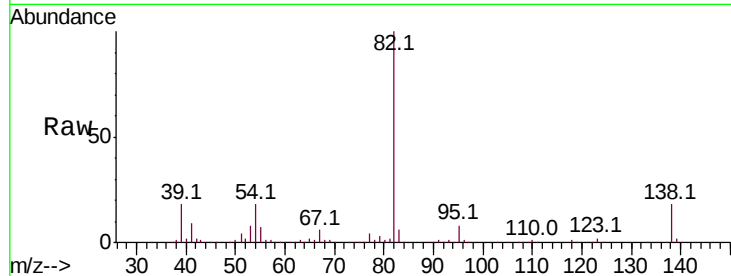
ClientSampleId :

PB112466BSD

Tot Ion:	82	Resp:	747543
Ion Ratio	Lower	Upper	
82	100		
95	7.5	5.2	7.8
138	17.6	14.9	22.3

Manual Integrations
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#26

2-Nitrophenol

Concen: 59.452 ng

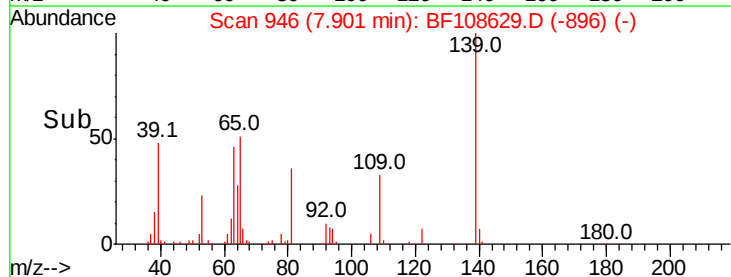
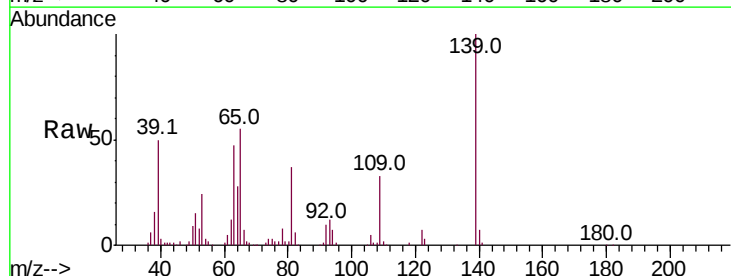
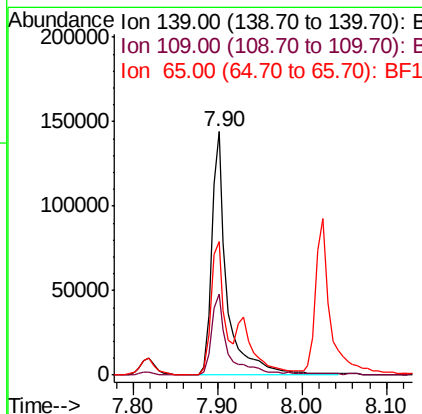
RT: 7.90 min Scan# 946

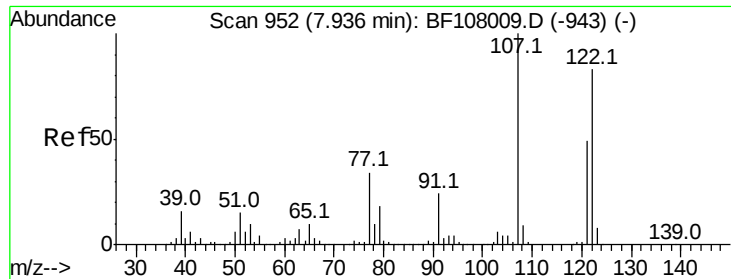
Delta R.T. -0.01 min

Lab File: BF108629.D

Acq: 30 Aug 2018 3:28

Tgt Ion:	139	Resp:	186015
Ion Ratio	Lower	Upper	
139	100		
109	33.3	22.7	34.1
65	54.6	40.5	60.7





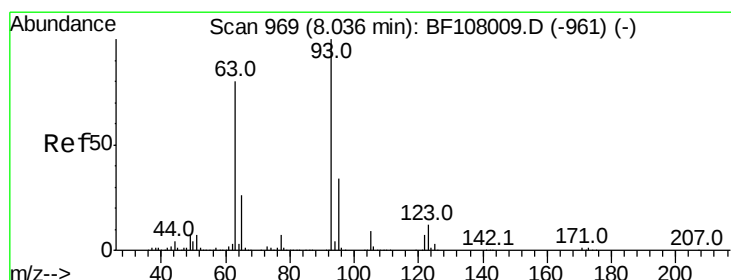
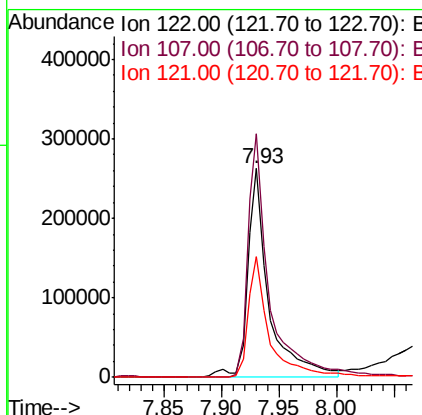
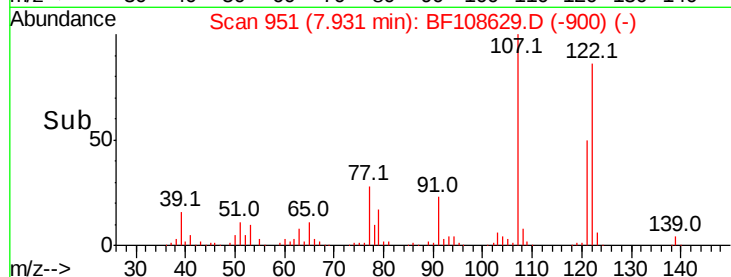
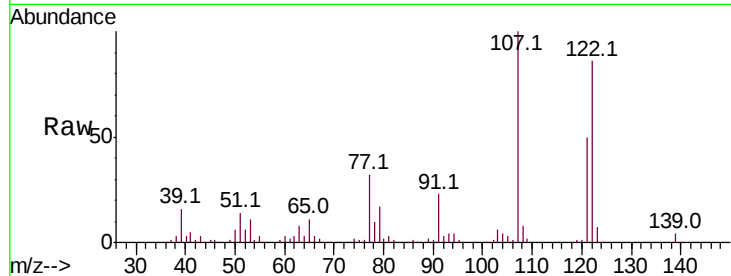
#27
 2,4-Dimethylphenol
 Concen: 47.966 ng
 RT: 7.93 min Scan# 951
 Delta R.T. -0.00 min
 Lab File: BF108629.D
 Acq: 30 Aug 2018 3:28

Instrument :
 BNA_F
 ClientSampleId :
 PB112466BSD

Tot Ion	Ratio	Lower	Upper
122	100		
107	116.6	91.2	136.8
121	57.9	47.2	70.8

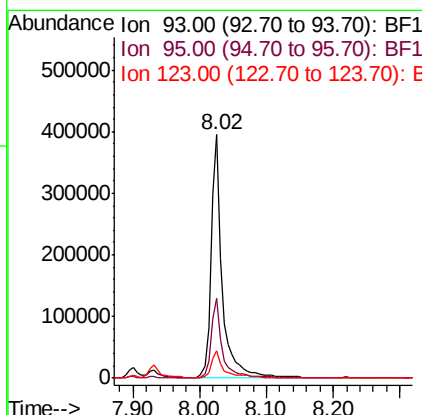
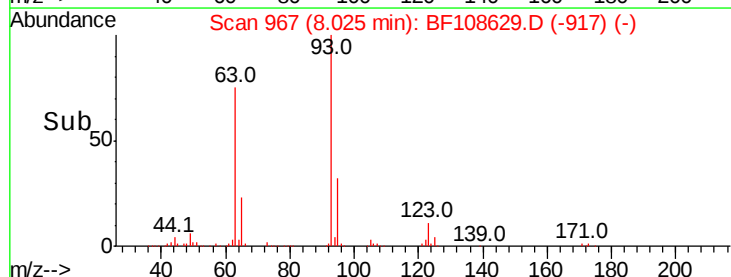
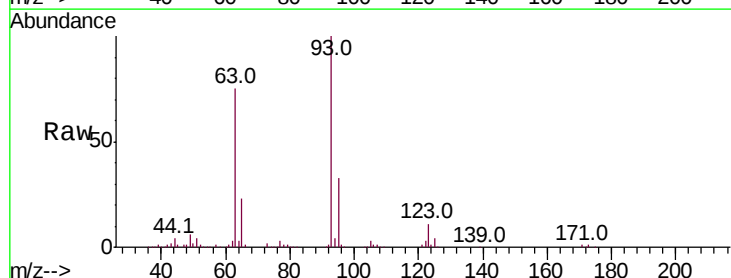
Manual Integrations
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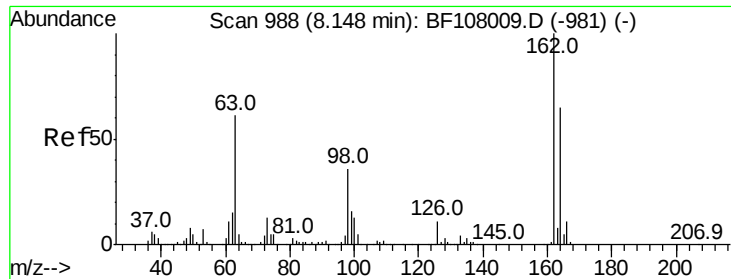
Sohil
 8/30/2018 12:18:45 PM



#28
 bis(2-Chloroethoxy)methane
 Concen: 50.302 ng
 RT: 8.02 min Scan# 967
 Delta R.T. -0.01 min
 Lab File: BF108629.D
 Acq: 30 Aug 2018 3:28

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.5	26.3	39.5
123	11.2	9.8	14.6





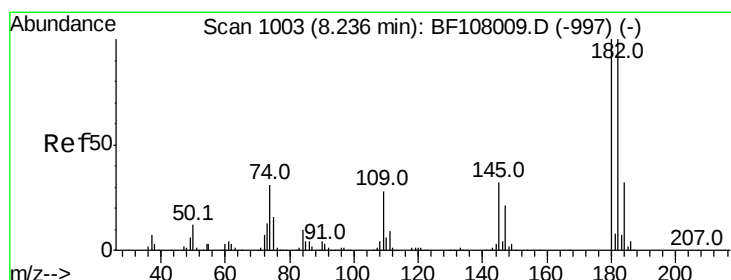
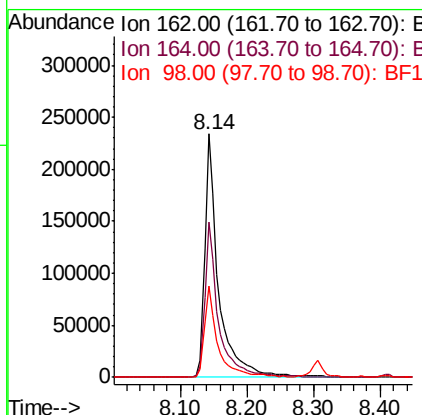
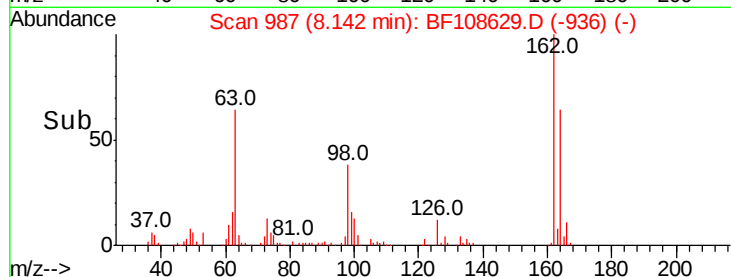
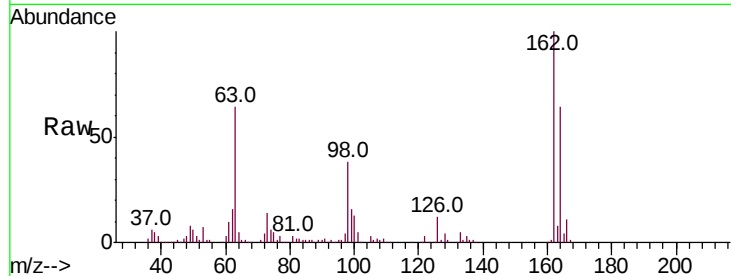
#29
2,4-Dichlorophenol
Concen: 52.394 ng
RT: 8.14 min Scan# 987
Delta R.T. -0.00 min
Lab File: BF108629.D
Acq: 30 Aug 2018 3:28

Instrument :
BNA_F
ClientSampleId :
PB112466BSD

Tot Ion	Ratio	Resp	Lower	Upper
162	100	334192		
164	64.0	42.7	82.7	
98	37.6	18.1	58.1	

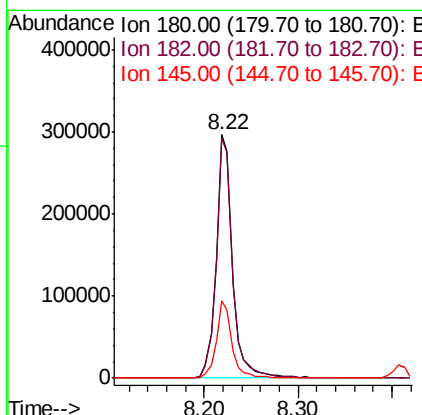
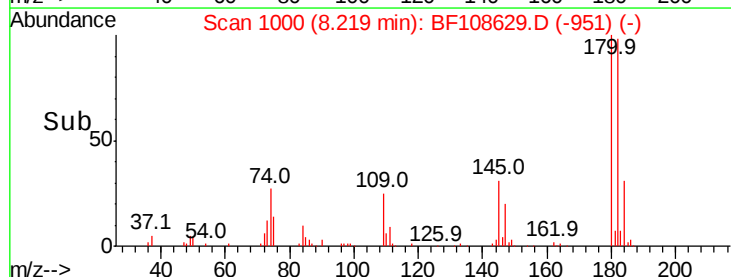
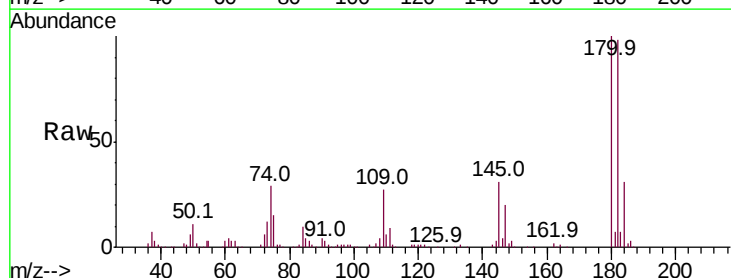
Manual Integrations
APPROVED

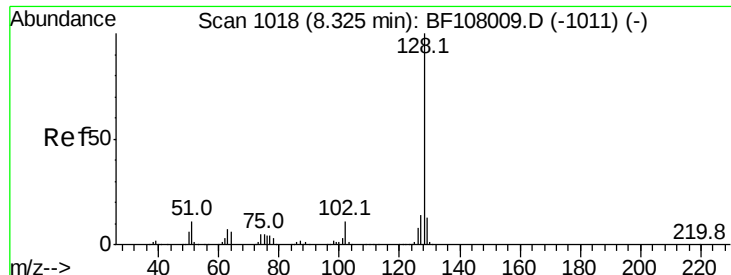
Sohil
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#30
1,2,4-Trichlorobenzene
Concen: 51.466 ng
RT: 8.22 min Scan# 1000
Delta R.T. -0.01 min
Lab File: BF108629.D
Acq: 30 Aug 2018 3:28

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	361934		
182	98.3	76.8	115.2	
145	31.5	26.5	39.7	





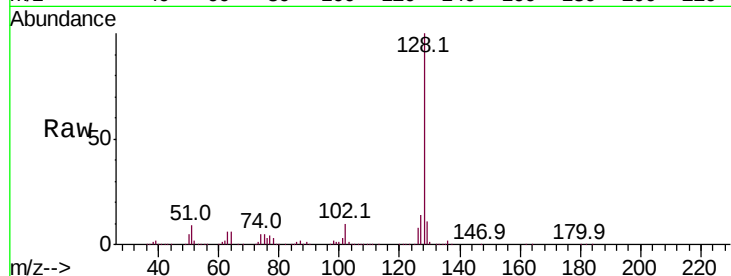
#31
Naphthalene
Concen: 53.323 ng
RT: 8.31 min Scan# 1015
Delta R.T. -0.01 min
Lab File: BF108629.D
Acq: 30 Aug 2018 3:28

Instrument :
BNA_F
ClientSampleId :
PB112466BSD

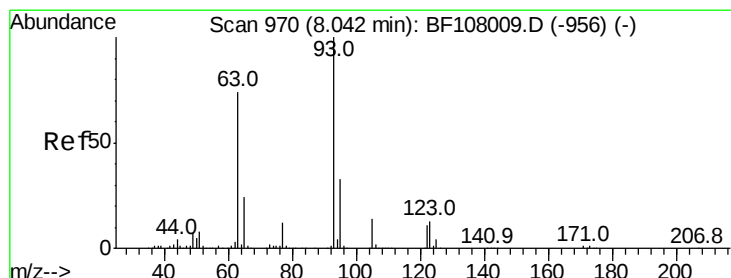
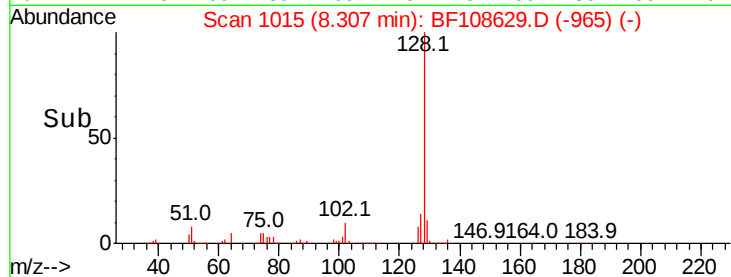
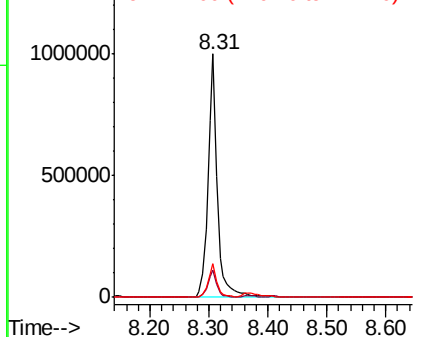
Tot Ion	Ratio	Lower	Upper
128	100		
129	11.1	8.8	13.2
127	13.6	10.9	16.3

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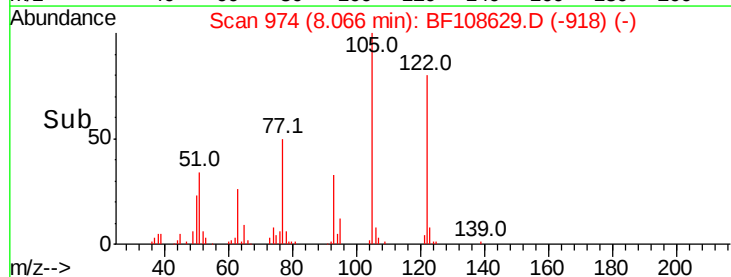
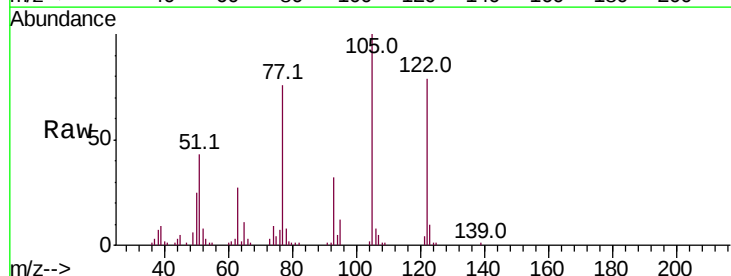
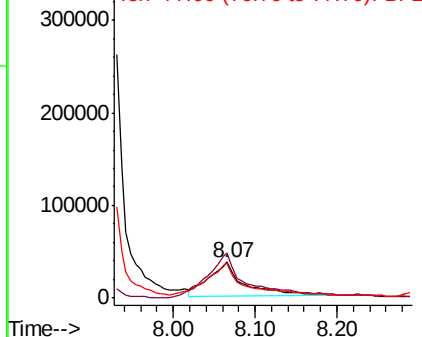
Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E



#32
Benzoic acid
Concen: 30.407 ng
RT: 8.07 min Scan# 974
Delta R.T. 0.03 min
Lab File: BF108629.D
Acq: 30 Aug 2018 3:28

Tgt Ion	Ratio	Lower	Upper
122	100		
105	126.8	101.1	141.1
77	96.2	70.7	110.7

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





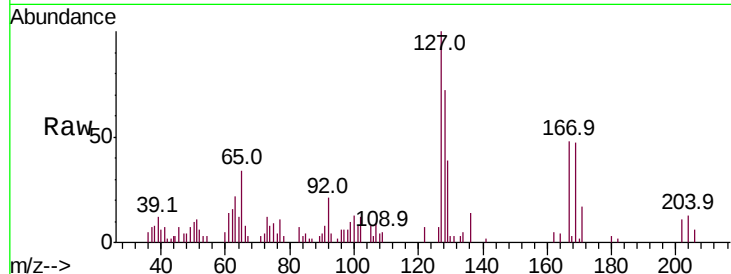
#33
4-Chloroaniline
Concen: 5.695 ng
RT: 8.37 min Scan# 1025
Delta R.T. 0.01 min
Lab File: BF108629.D
Acq: 30 Aug 2018 3:28

Instrument :
BNA_F
ClientSampleId :
PB112466BSD

Tot Ion	Ratio	Resp	Lower	Upper
127	100			
129	38.8	25.9	38.9	
65	33.7	25.0	37.4	
92	21.5	15.2	22.8	

Manual Integrations
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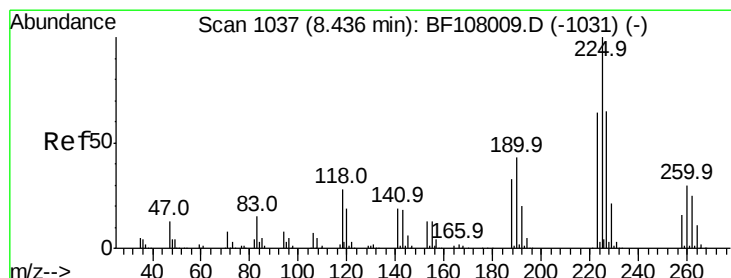
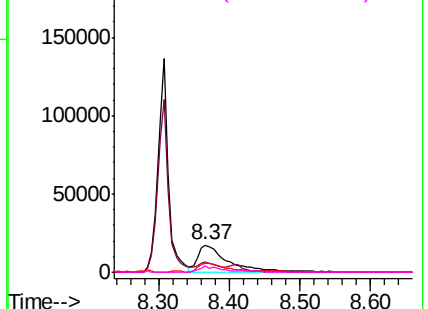
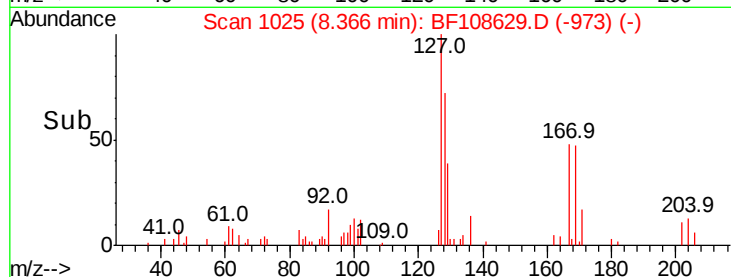
Abundance

Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

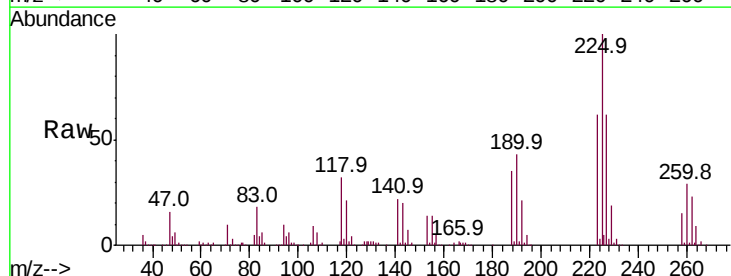
Ion 65.00 (64.70 to 65.70): BF1

Ion 92.00 (91.70 to 92.70): BF1



#34
Hexachlorobutadiene
Concen: 52.489 ng
RT: 8.41 min Scan# 1032
Delta R.T. -0.01 min
Lab File: BF108629.D
Acq: 30 Aug 2018 3:28

Tgt Ion	Ratio	Resp	Lower	Upper
225	100			
223	62.4	50.6	76.0	
227	61.9	51.9	77.9	

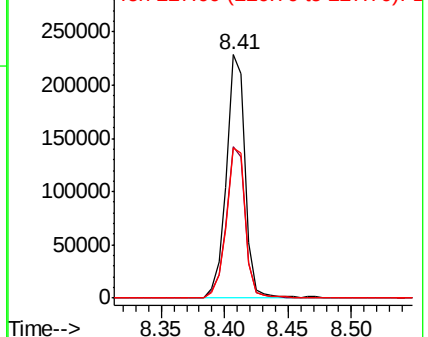
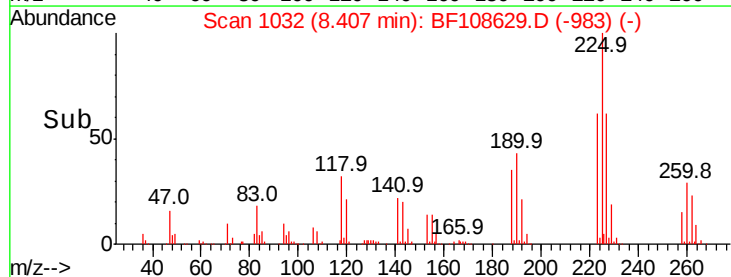


Abundance

Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





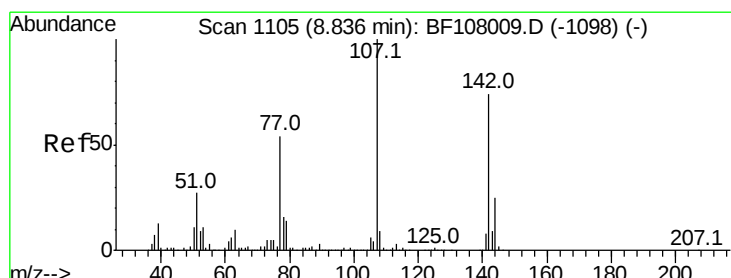
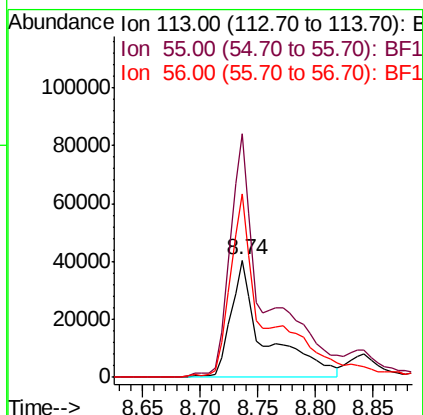
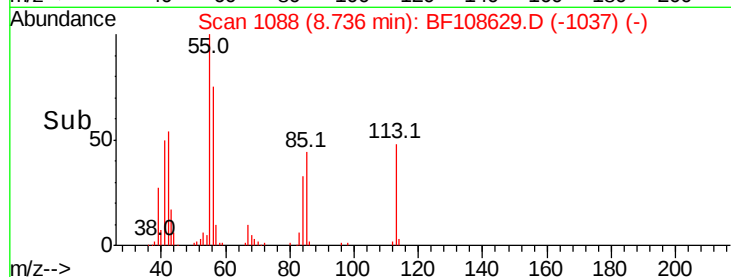
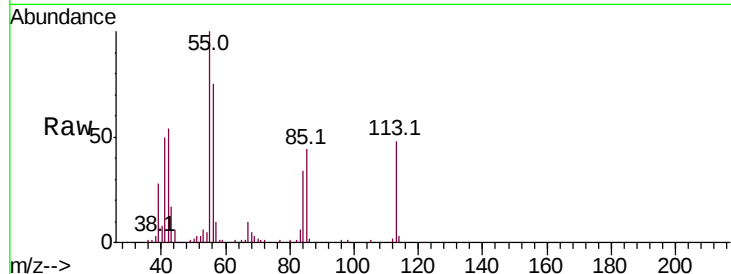
#35
Caprolactam
Concen: 41.537 ng/ml
RT: 8.74 min Scan# 1088
Delta R.T. -0.00 min
Lab File: BF108629.D
Acq: 30 Aug 2018 3:28

Instrument :
BNA_F
ClientSampleID :
PB112466BSD

Tot Ion	Ratio	Lower	Upper
113	100		
55	207.3	163.3	203.3#
56	156.4	115.7	155.7#

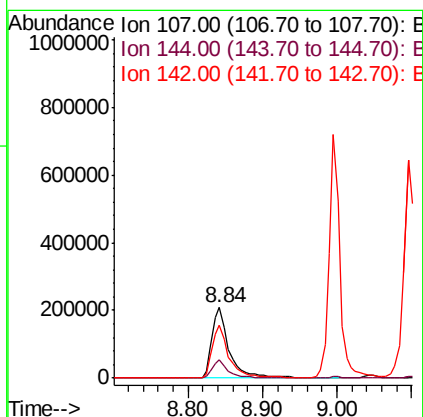
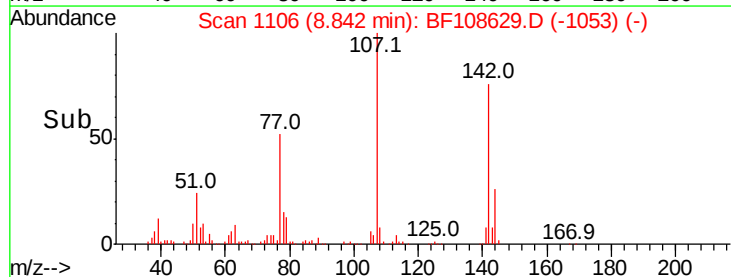
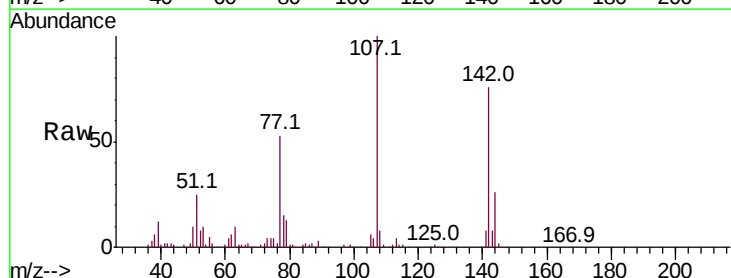
Manual Integrations
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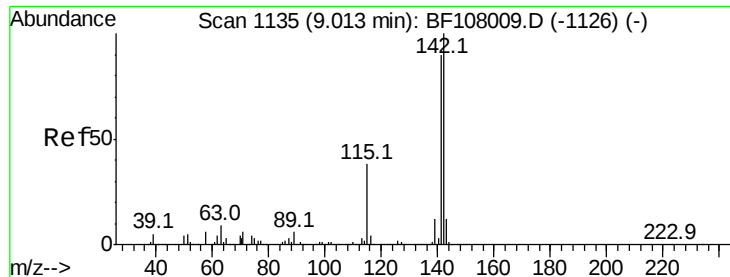
Sohil
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#36
4-Chloro-3-methylphenol
Concen: 48.918 ng/ml
RT: 8.84 min Scan# 1106
Delta R.T. 0.01 min
Lab File: BF108629.D
Acq: 30 Aug 2018 3:28

Tgt Ion	Ratio	Lower	Upper
107	100		
144	25.7	20.5	30.7
142	75.7	62.0	93.0





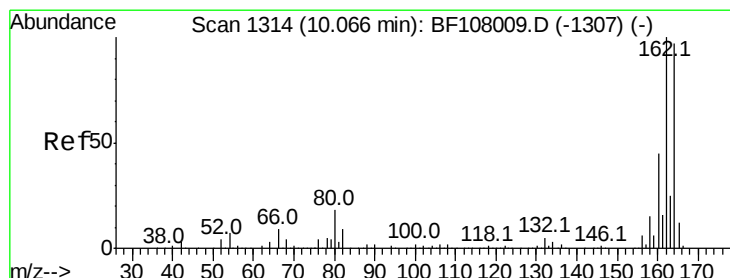
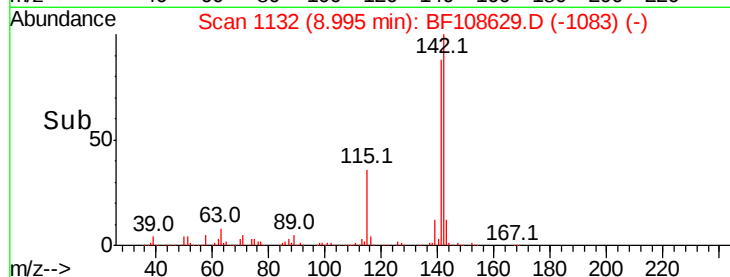
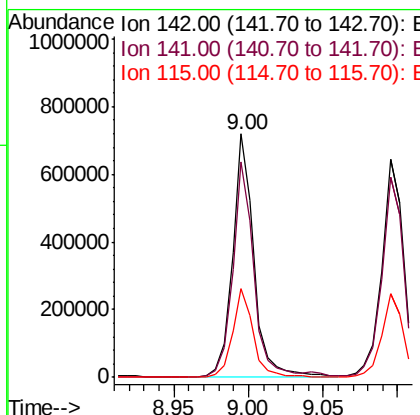
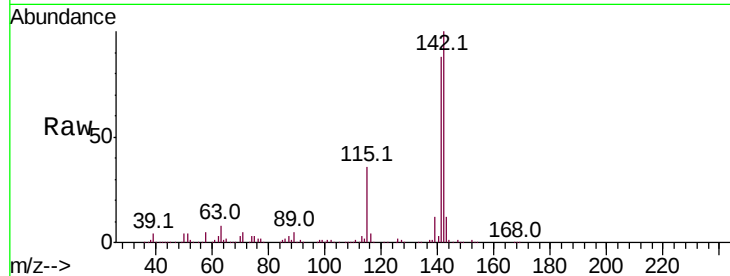
#37
2-Methylnaphthalene
Concen: 49.267 ng
RT: 9.00 min Scan# 1132
Delta R.T. -0.01 min
Lab File: BF108629.D
Acq: 30 Aug 2018 3:28

Instrument :
BNA_F
ClientSampleId :
PB112466BSD

Tot Ion	Ratio	Lower	Upper
142	100		
141	88.4	70.8	106.2
115	36.4	26.1	39.1

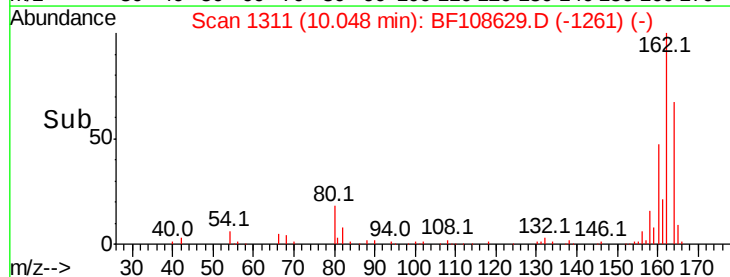
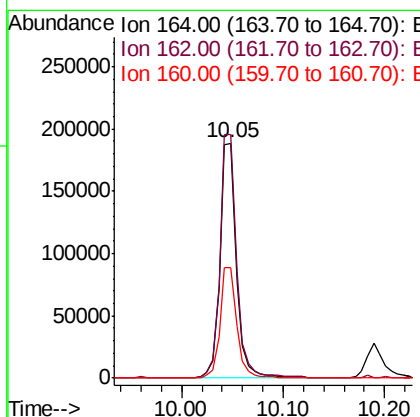
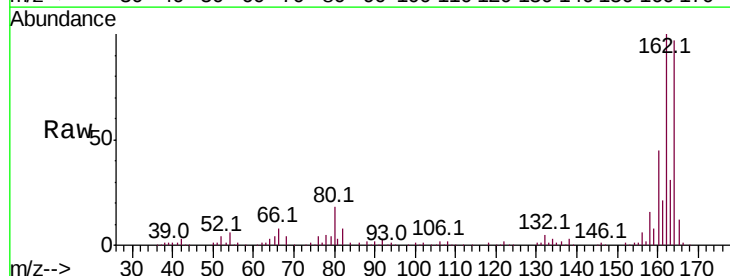
Manual Integrations
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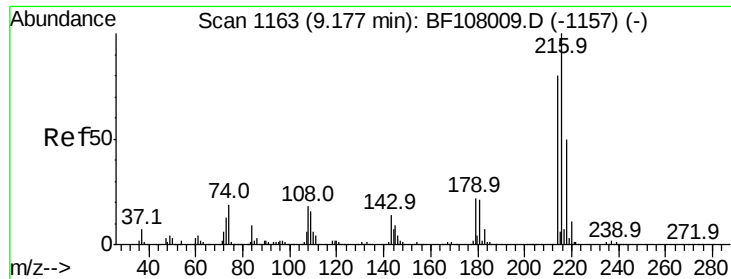
Sohil
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#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.05 min Scan# 1311
Delta R.T. -0.01 min
Lab File: BF108629.D
Acq: 30 Aug 2018 3:28

Tgt Ion	Ratio	Lower	Upper
164	100		
162	103.6	86.1	129.1
160	47.0	38.3	57.5





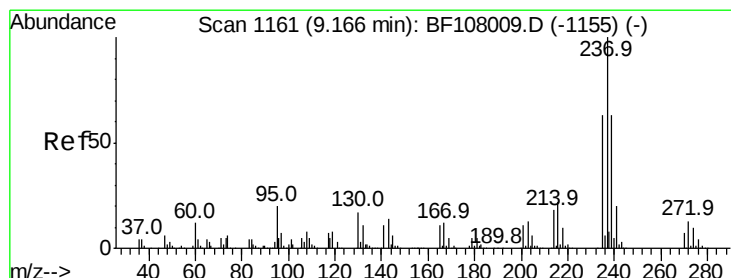
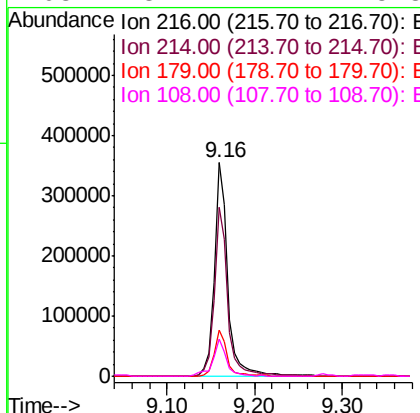
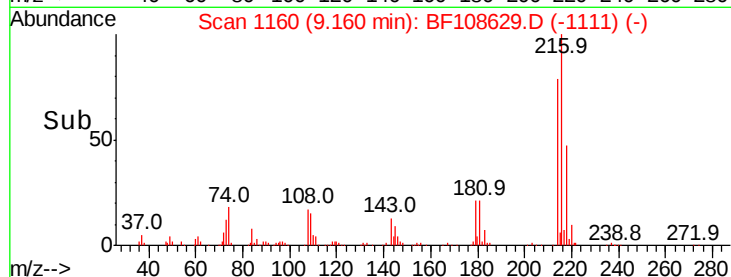
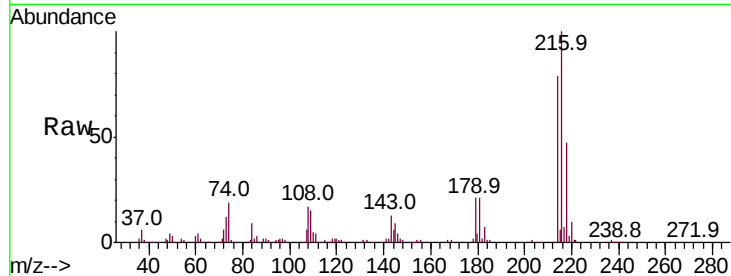
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 57.907 ng
 RT: 9.16 min Scan# 1160
 Delta R.T. -0.01 min
 Lab File: BF108629.D
 Acq: 30 Aug 2018 3:28

Instrument :
 BNA_F
 ClientSampleId :
 PB112466BSD

Tot Ion	Ratio	Resp Lower	Upper
216	100		
214	79.4	63.0	94.4
179	21.0	18.1	27.1
108	18.1	17.2	25.8

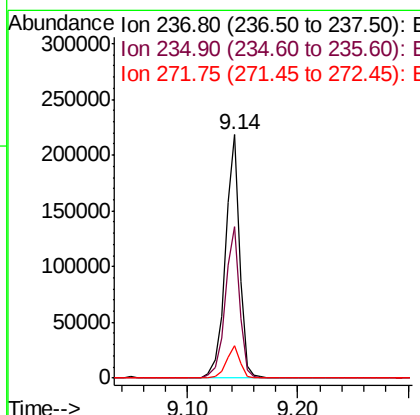
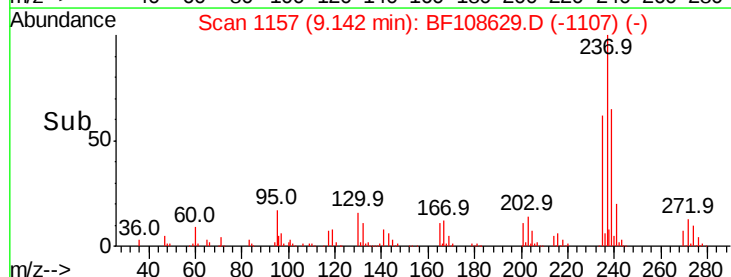
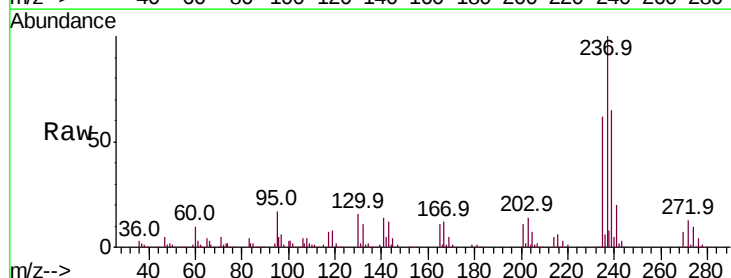
Manual Integrations
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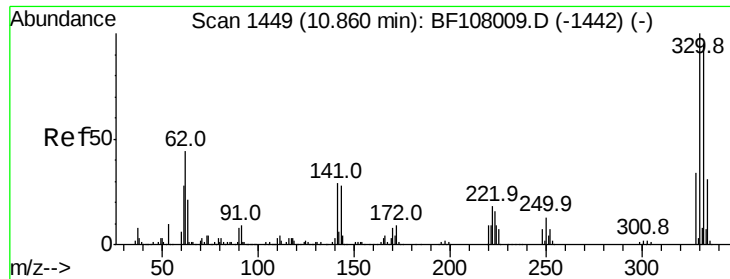
Sohil
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#40
 Hexachlorocyclopentadiene
 Concen: 46.589 ng
 RT: 9.14 min Scan# 1157
 Delta R.T. -0.01 min
 Lab File: BF108629.D
 Acq: 30 Aug 2018 3:28

Tgt Ion	Ratio	Resp Lower	Upper
237	100		
235	62.4	44.8	84.8
272	13.2	0.0	33.3





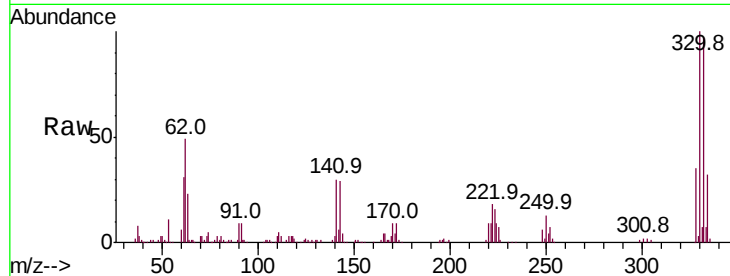
#41
 2,4,6-Tribromophenol
 Concen: 103.722 ng
 RT: 10.84 min Scan# 1446
 Delta R.T. -0.01 min
 Lab File: BF108629.D
 Acq: 30 Aug 2018 3:28

Instrument :
 BNA_F
 ClientSampleId :
 PB112466BSD

Tot Ion	Ratio	Resp	Lower	Upper
330	100	220613		
332	96.6	77.0	115.6	
141	31.3	29.9	44.9	

Manual Integrations
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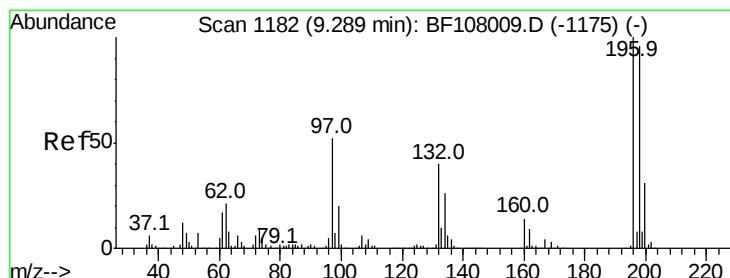
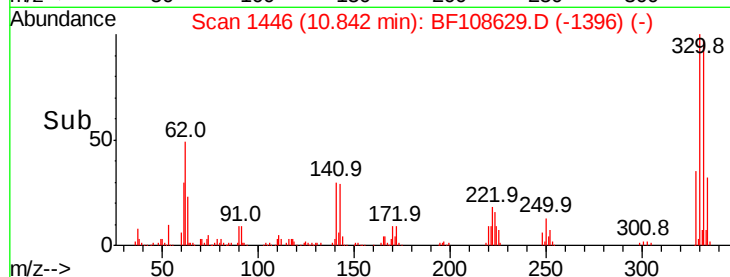
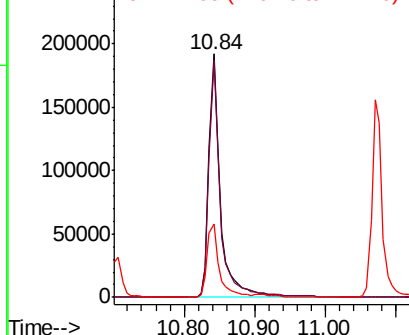


Abundance

Ion 329.80 (329.50 to 330.50): E

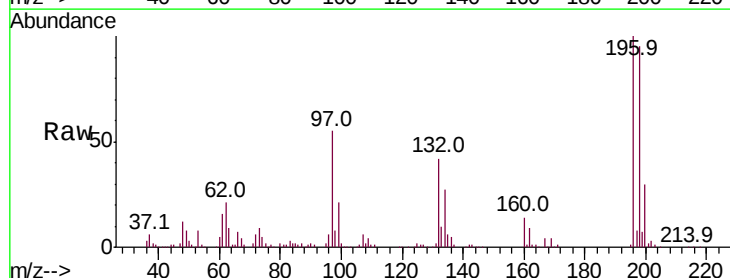
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#42
 2,4,6-Trichlorophenol
 Concen: 54.609 ng
 RT: 9.28 min Scan# 1180
 Delta R.T. -0.00 min
 Lab File: BF108629.D
 Acq: 30 Aug 2018 3:28

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	221903		
198	94.8	75.7	113.5	
200	30.0	24.5	36.7	

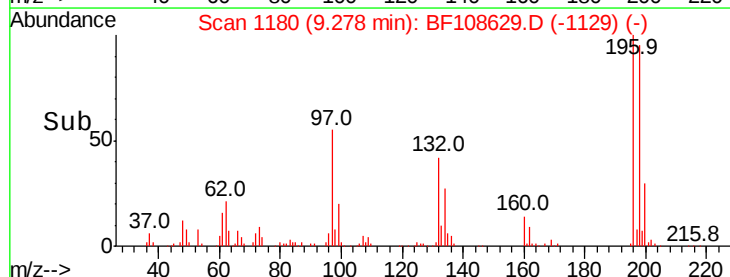
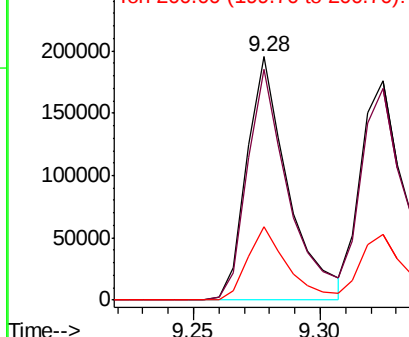


Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 200.00 (199.70 to 200.70): E





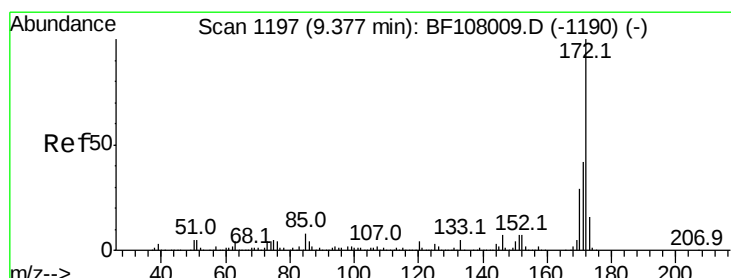
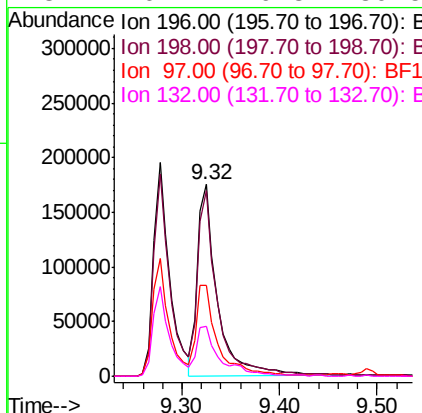
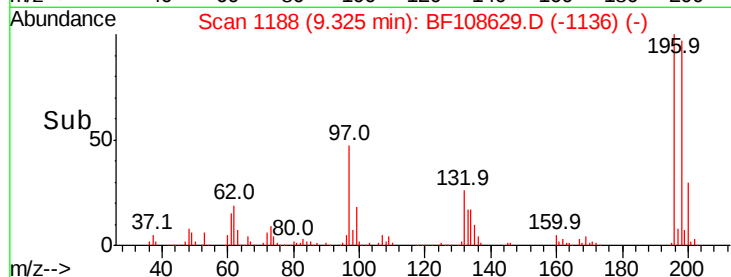
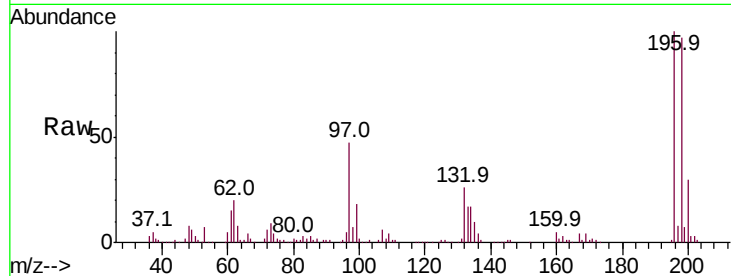
#43
 2,4,5-Trichlorophenol
 Concen: 55.166 ng
 RT: 9.32 min Scan# 1188
 Delta R.T. 0.01 min
 Lab File: BF108629.D
 Acq: 30 Aug 2018 3:28

Instrument :
 BNA_F
 ClientSampleId :
 PB112466BSD

Tot Ion:	196	Resp:	246768
Ion Ratio	Lower	Upper	
196	100		
198	96.5	74.6	112.0
97	47.3	42.9	64.3
132	26.1	26.3	39.5#

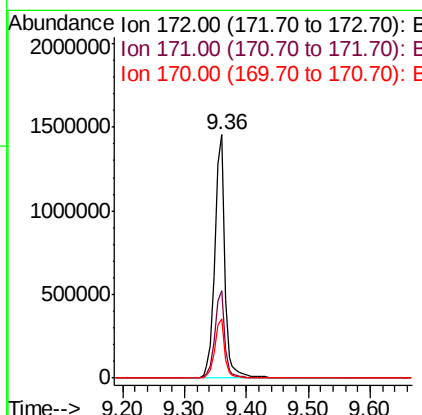
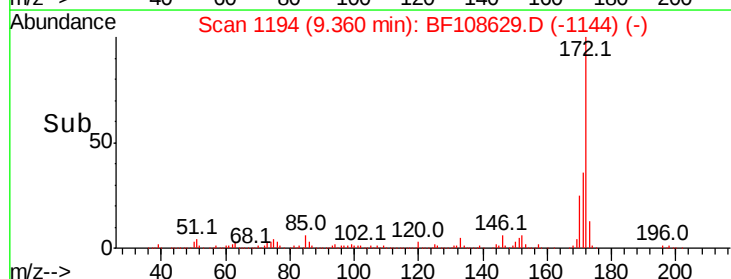
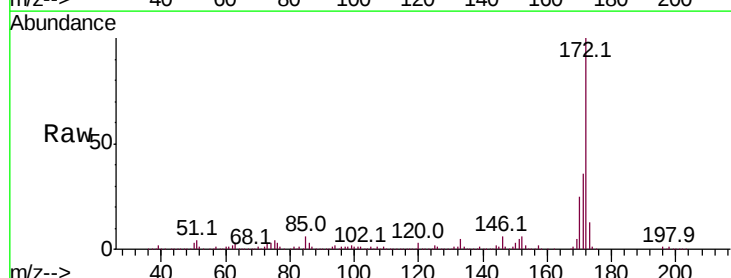
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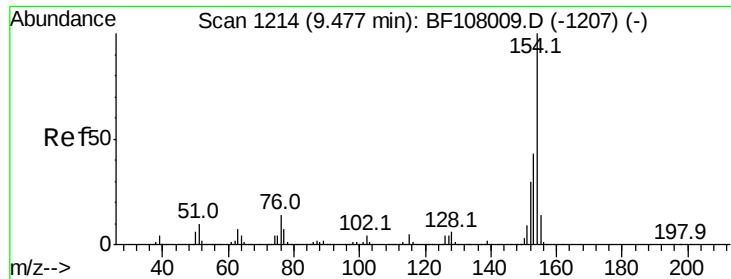
Sohil
 8/30/2018 12:18:45 PM



#44
 2-Fluorobiphenyl
 Concen: 119.400 ng
 RT: 9.36 min Scan# 1194
 Delta R.T. -0.01 min
 Lab File: BF108629.D
 Acq: 30 Aug 2018 3:28

Tgt Ion:	172	Resp:	1585851
Ion Ratio	Lower	Upper	
172	100		
171	35.9	29.7	44.5
170	24.6	19.6	29.4





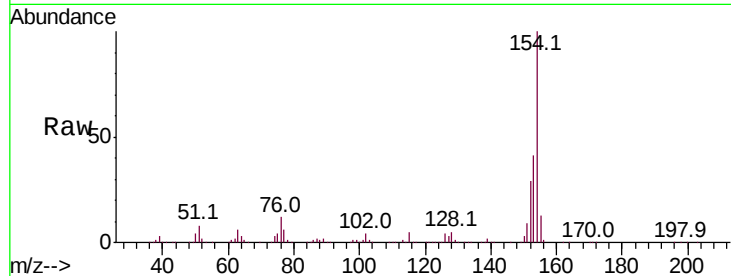
#45
 1,1'-Biphenyl
 Concen: 56.747 ng
 RT: 9.46 min Scan# 1211
 Delta R.T. -0.01 min
 Lab File: BF108629.D
 Acq: 30 Aug 2018 3:28

Instrument :
 BNA_F
 ClientSampleId :
 PB112466BSD

Tot Ion	Ratio	Resp	Lower	Upper
154	100			
153	40.9	21.3	61.3	
76	12.1	0.0	34.0	

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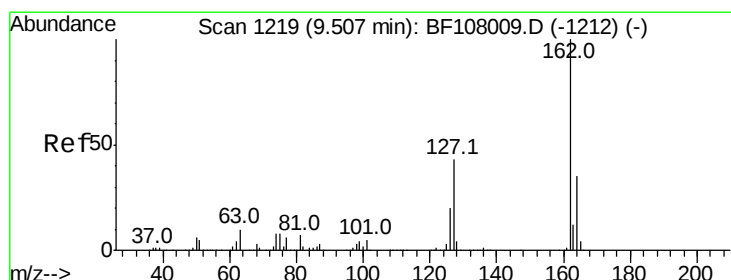
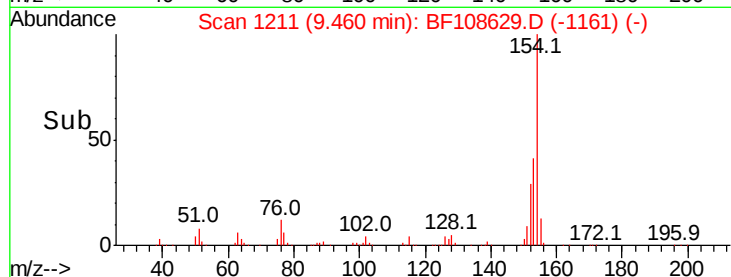
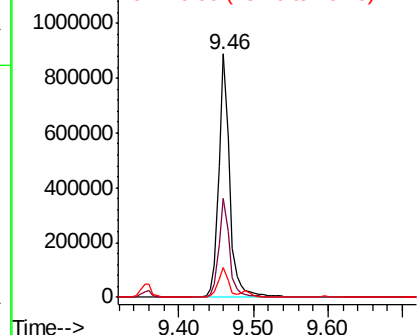


Abundance

Ion 154.00 (153.70 to 154.70): E

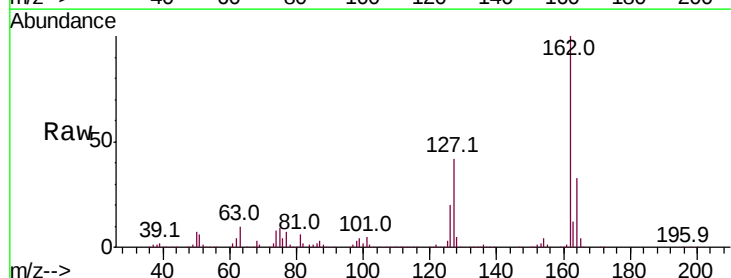
Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF1



#46
 2-Chloronaphthalene
 Concen: 55.154 ng
 RT: 9.49 min Scan# 1216
 Delta R.T. -0.01 min
 Lab File: BF108629.D
 Acq: 30 Aug 2018 3:28

Tgt Ion	Ratio	Resp	Lower	Upper
162	100			
127	41.7	33.9	50.9	
164	33.1	26.5	39.7	

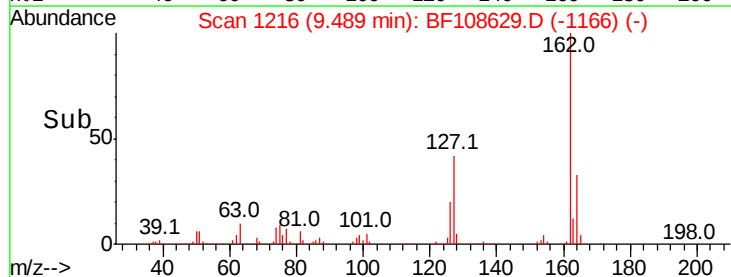
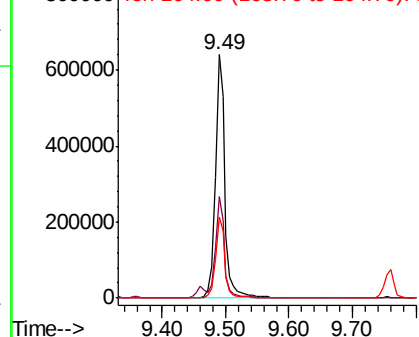


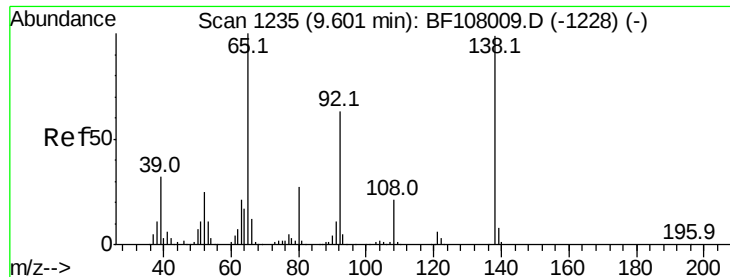
Abundance

Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E





#47

2-Nitroaniline

Concen: 53.804 ng

RT: 9.60 min Scan# 1234

Delta R.T. 0.01 min

Lab File: BF108629.D

Acq: 30 Aug 2018 3:28

Instrument :

BNA_F

ClientSampleId :

PB112466BSD

Tot Ion: 65 Resp: 216324

Ion Ratio Lower Upper

65 100

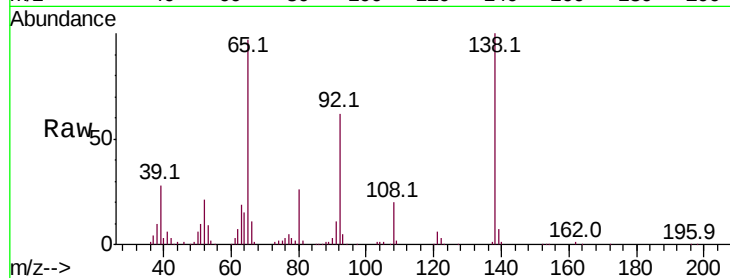
92 64.3 55.8 83.6

138 103.2 91.2 136.8

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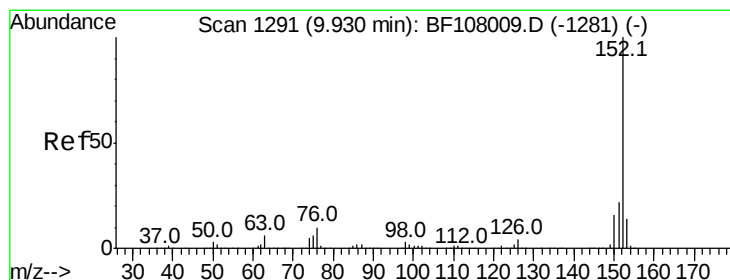
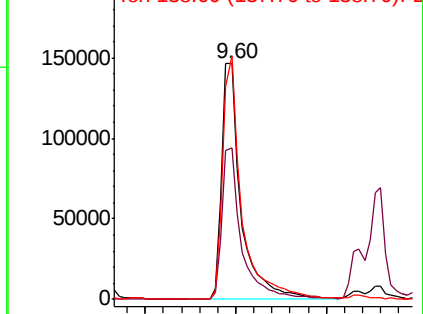
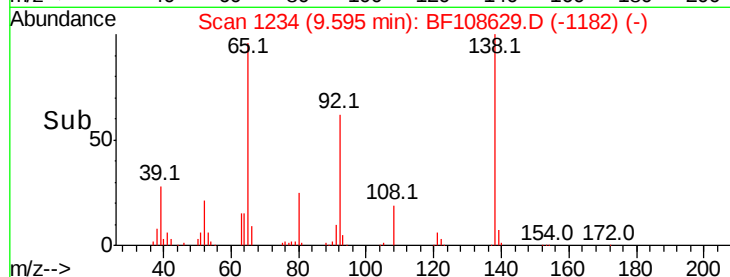
8/30/2018 12:18:45 PM



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): BF1



#48

Acenaphthylene

Concen: 53.738 ng

RT: 9.91 min Scan# 1287

Delta R.T. -0.01 min

Lab File: BF108629.D

Acq: 30 Aug 2018 3:28

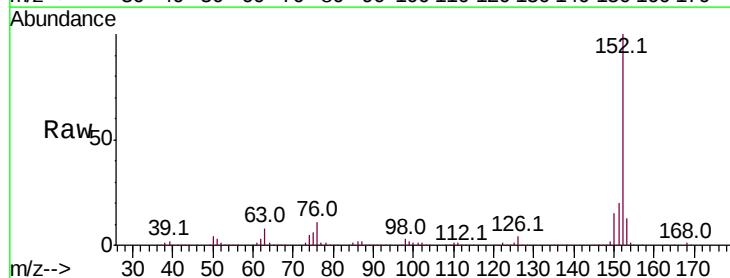
Tgt Ion: 152 Resp: 1055652

Ion Ratio Lower Upper

152 100

151 20.1 16.3 24.5

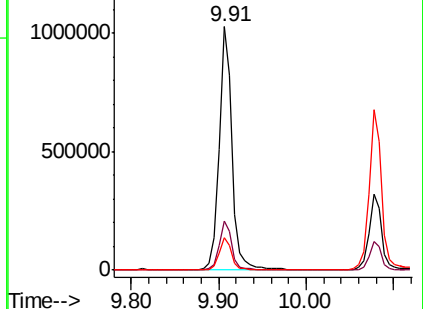
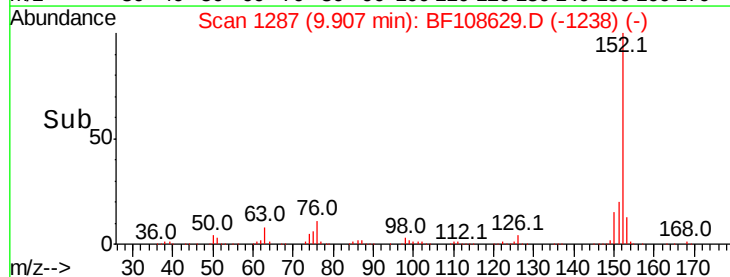
153 13.3 10.7 16.1

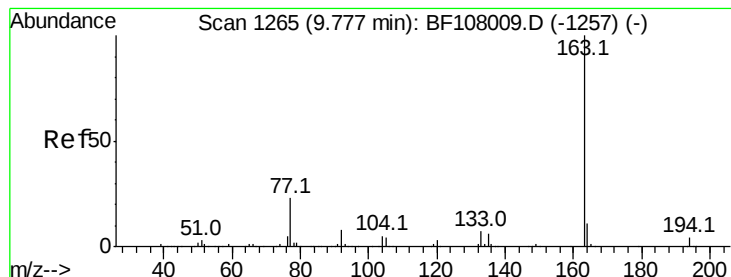


Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E





#49

Dimethylphthalate

Concen: 53.893 ng

RT: 9.76 min Scan# 1262

Delta R.T. -0.01 min

Lab File: BF108629.D

Acq: 30 Aug 2018 3:28

Instrument :

BNA_F

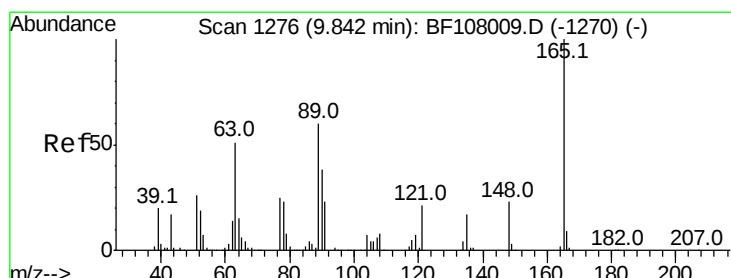
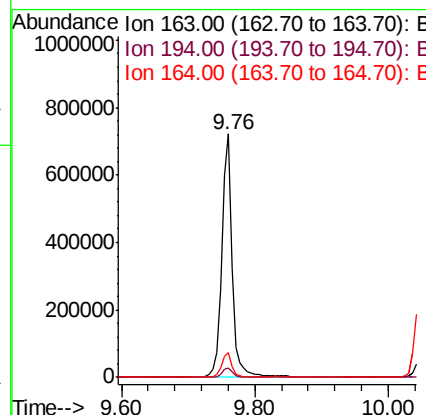
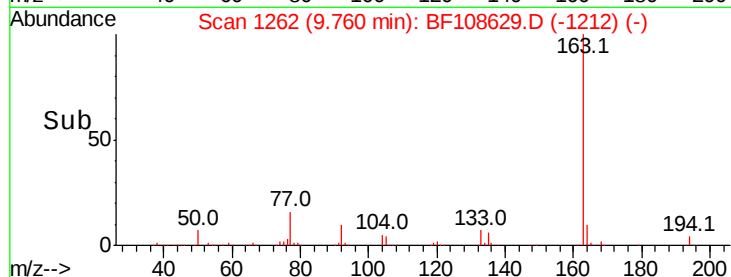
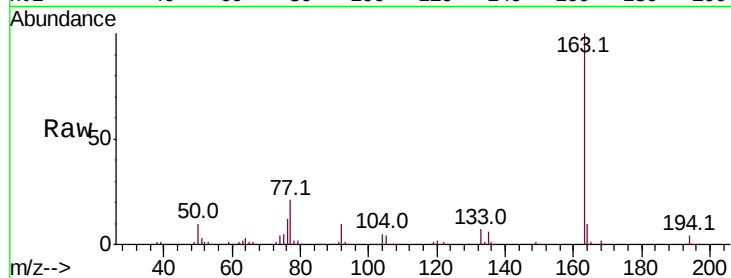
ClientSampleId :

PB112466BSD

Tot Ion:	163	Resp:	800504
Ion Ratio	Lower	Upper	
163	100		
194	4.0	2.7	4.1
164	10.2	8.2	12.2

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#50

2,6-Dinitrotoluene

Concen: 54.911 ng

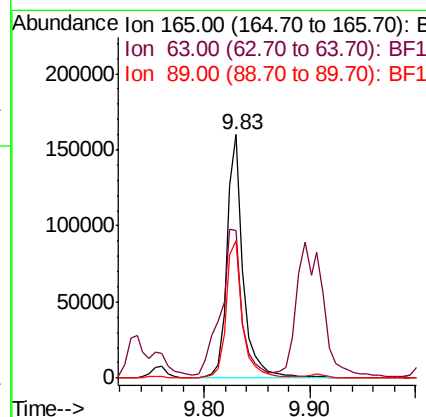
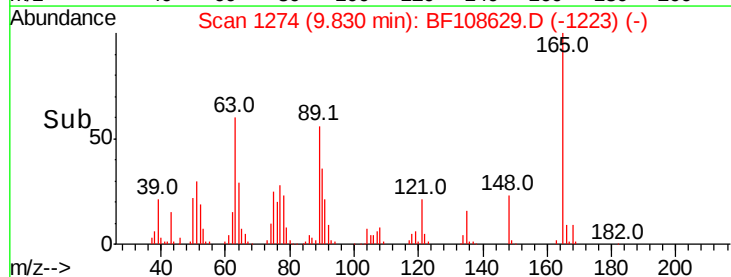
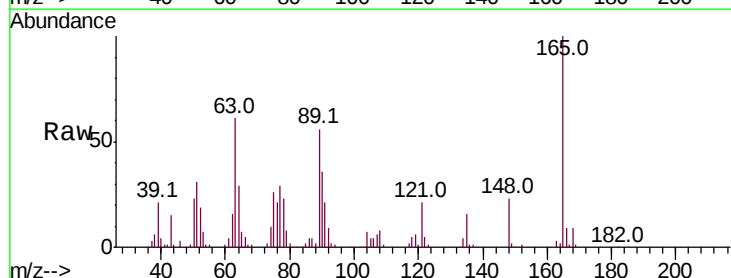
RT: 9.83 min Scan# 1274

Delta R.T. -0.00 min

Lab File: BF108629.D

Acq: 30 Aug 2018 3:28

Tgt Ion:	165	Resp:	170645
Ion Ratio	Lower	Upper	
165	100		
63	60.6	44.7	67.1
89	56.3	44.0	66.0





#51

Acenaphthene

Concen: 48.407 ng

RT: 10.08 min Scan# 1316

Delta R.T. -0.01 min

Lab File: BF108629.D

Acq: 30 Aug 2018 3:28

Instrument :

BNA_F

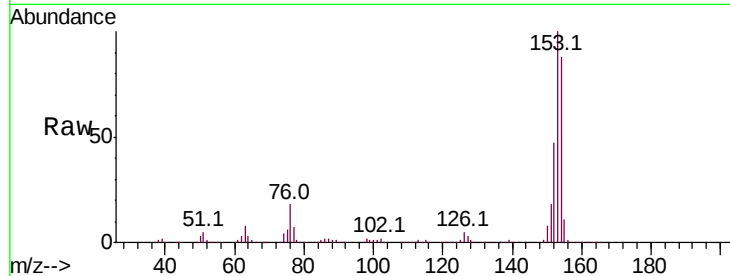
ClientSampleId :

PB112466BSD

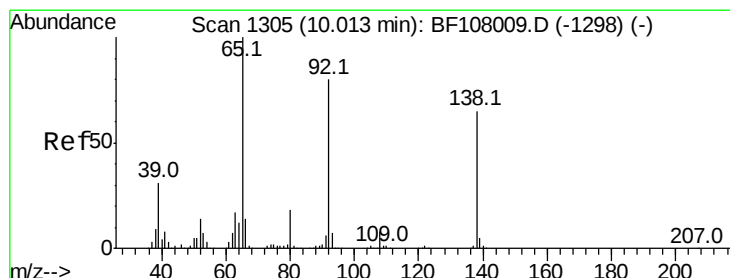
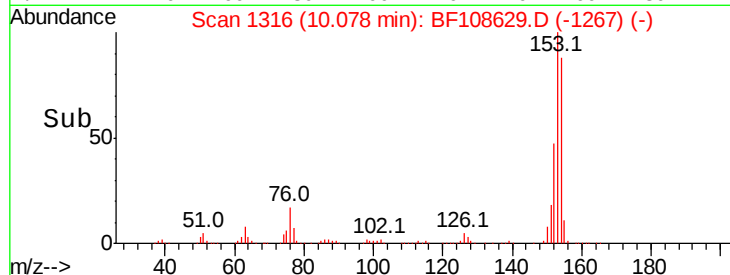
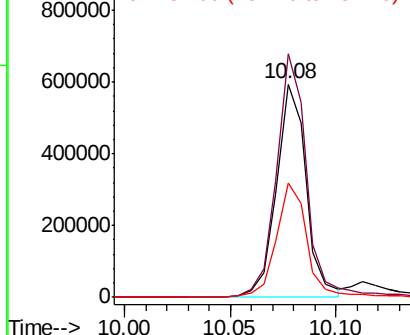
Tot Ion:	154	Resp:	582445
Ion Ratio	Lower	Upper	
154	100		
153	114.3	91.2	136.8
152	53.8	43.8	65.8

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Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 20.483 ng

RT: 10.01 min Scan# 1304

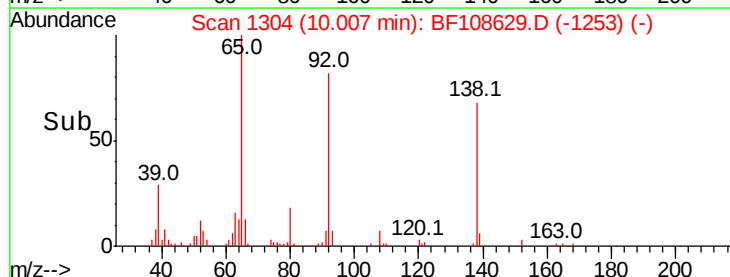
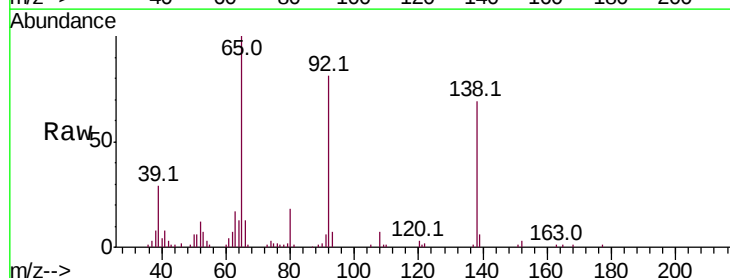
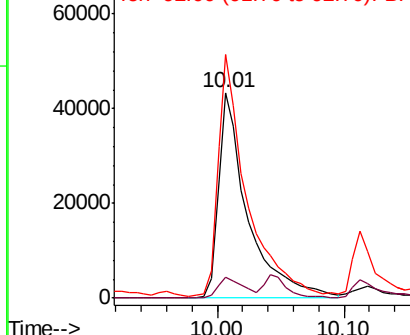
Delta R.T. -0.00 min

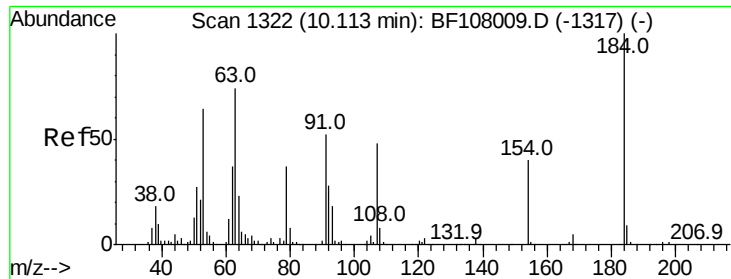
Lab File: BF108629.D

Acq: 30 Aug 2018 3:28

Tgt Ion:	138	Resp:	69647
Ion Ratio	Lower	Upper	
138	100		
108	10.4	9.4	14.0
92	118.5	89.4	134.2

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





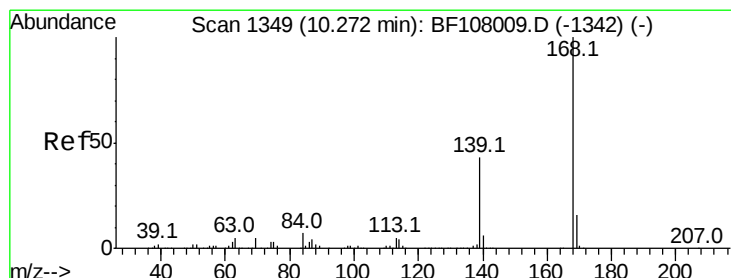
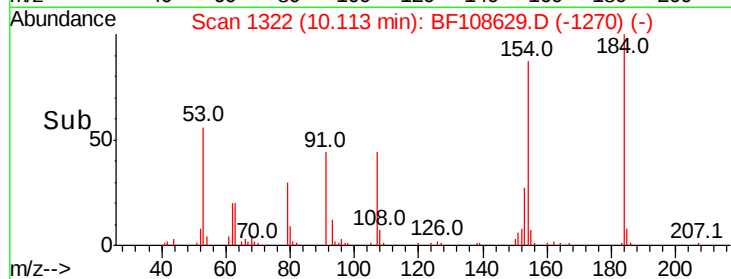
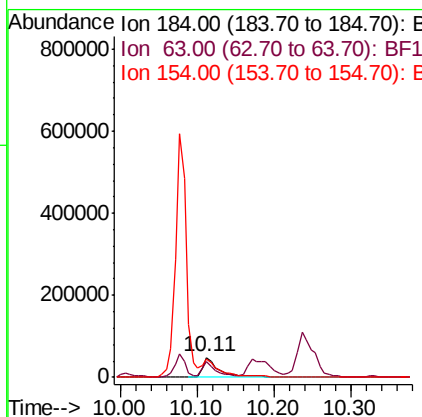
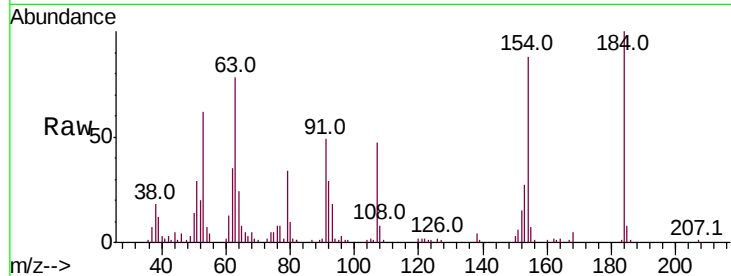
#53
2,4-Dinitrophenol
Concen: 66.412 ng
RT: 10.11 min Scan# 1322
Delta R.T. 0.01 min
Lab File: BF108629.D
Acq: 30 Aug 2018 3:28

Instrument :
BNA_F
ClientSampleId :
PB112466BSD

Tot Ion	Ratio	Resp	Lower	Upper
184	100			
63	77.6	54.2	81.2	
154	88.2	184.0	276.0	

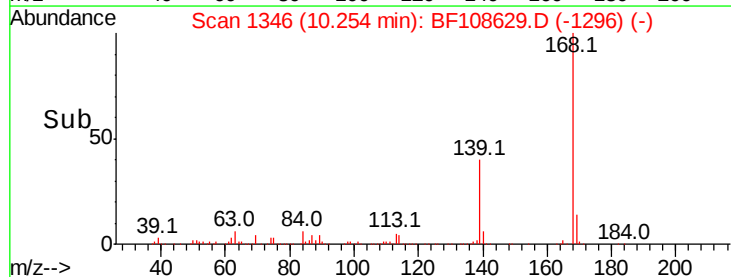
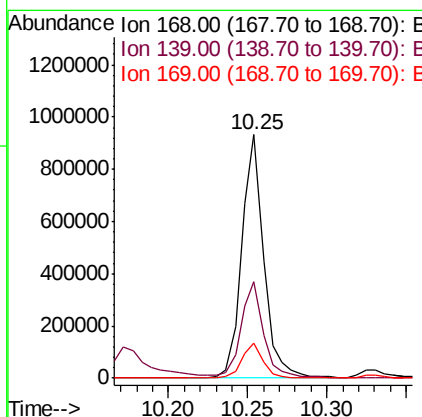
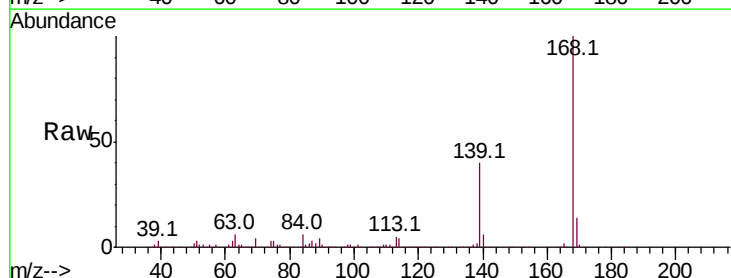
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#54
Dibenzofuran
Concen: 51.539 ng
RT: 10.25 min Scan# 1346
Delta R.T. -0.01 min
Lab File: BF108629.D
Acq: 30 Aug 2018 3:28

Tgt Ion	Ratio	Resp	Lower	Upper
168	100			
139	39.8	30.1	45.1	
169	14.2	10.9	16.3	





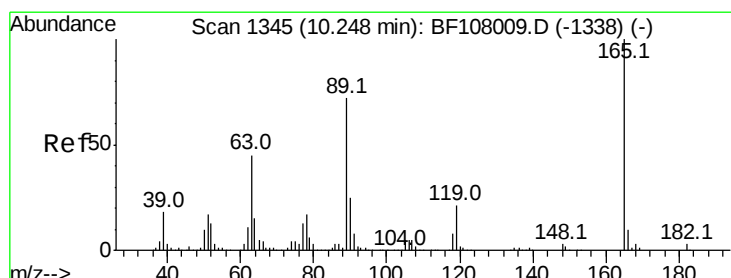
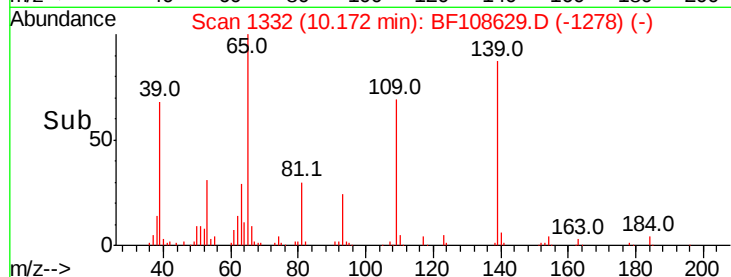
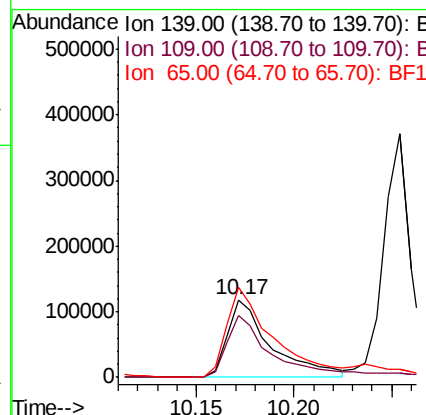
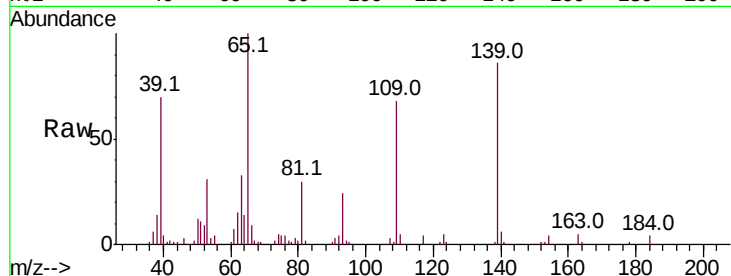
#55
4-Nitrophenol
Concen: 71.345 ng
RT: 10.17 min Scan# 1332
Delta R.T. 0.02 min
Lab File: BF108629.D
Acq: 30 Aug 2018 3:28

Instrument :
BNA_F
ClientSampleId :
PB112466BSD

Tot Ion	Ratio	Resp	Lower	Upper
139	100	183697		
109	79.4	48.4	88.4	
65	116.0	72.6	112.6	#

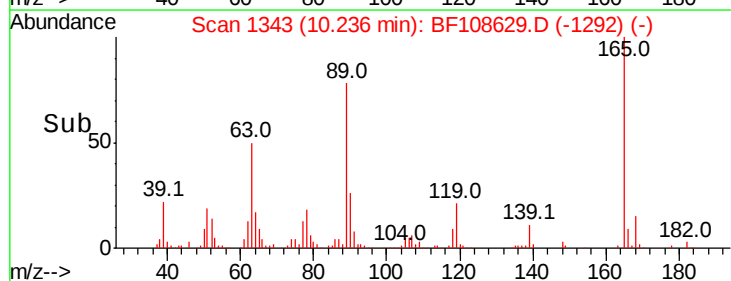
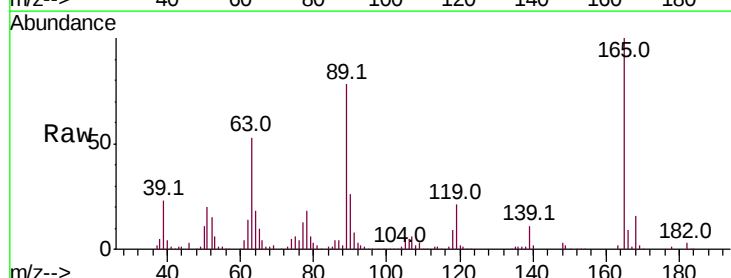
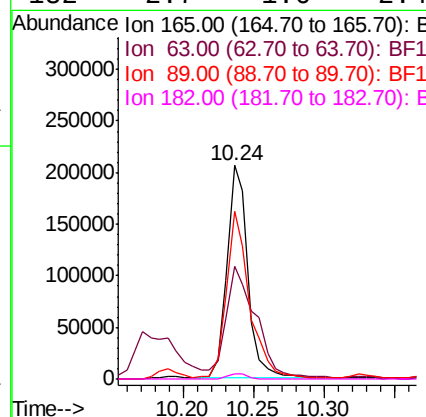
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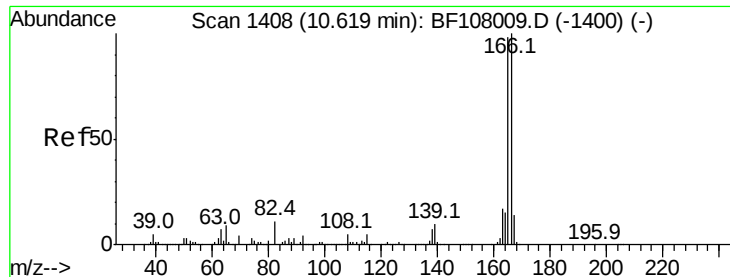
Sohil
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#56
2,4-Dinitrotoluene
Concen: 53.099 ng
RT: 10.24 min Scan# 1343
Delta R.T. -0.00 min
Lab File: BF108629.D
Acq: 30 Aug 2018 3:28

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	212406		
63	52.6	36.4	54.6	
89	78.4	57.8	86.6	
182	2.7	1.6	2.4	#





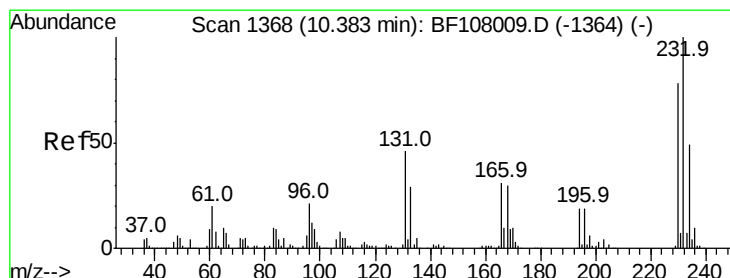
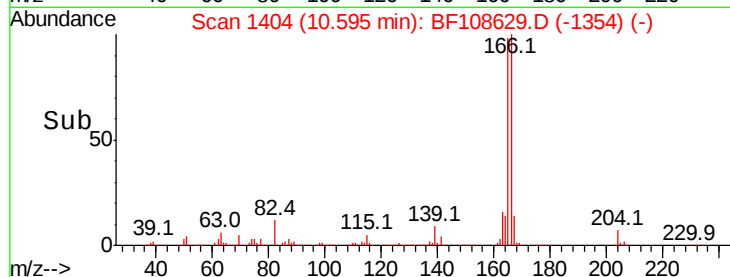
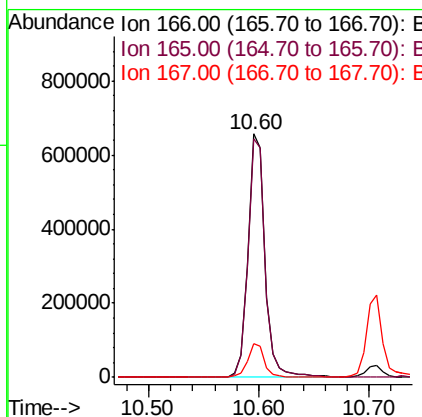
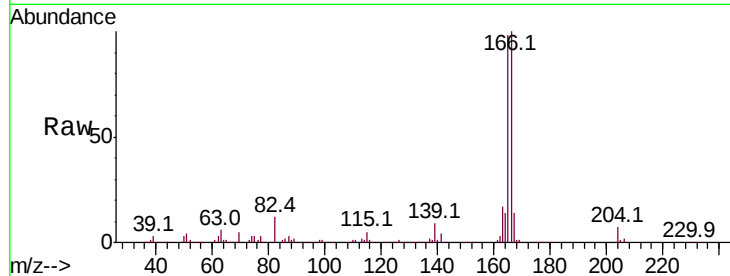
#57
 Fluorene
 Concen: 51.327 ng
 RT: 10.60 min Scan# 1404
 Delta R.T. -0.01 min
 Lab File: BF108629.D
 Acq: 30 Aug 2018 3:28

Instrument :
 BNA_F
 ClientSampleId :
 PB112466BSD

Tot Ion:	166	Resp:	708284
Ion Ratio	Lower	Upper	
166	100		
165	97.8	79.8	119.8
167	13.9	10.6	16.0

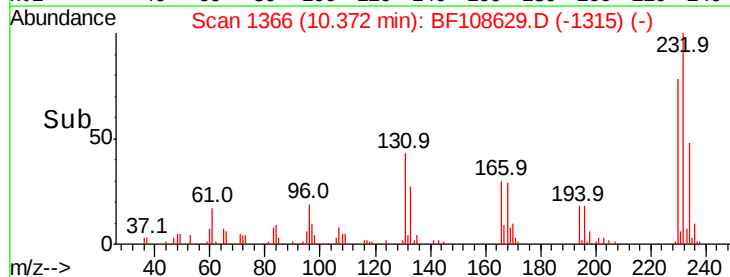
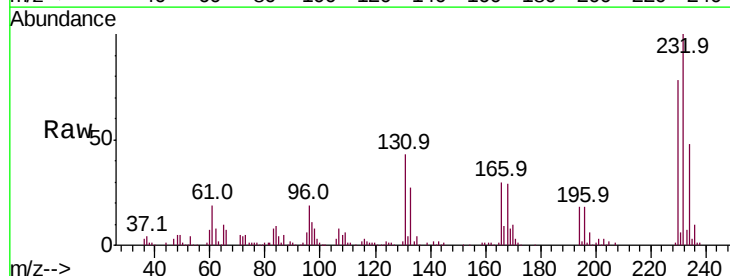
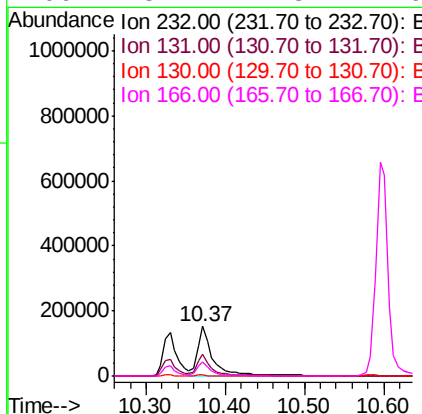
Manual Integrations
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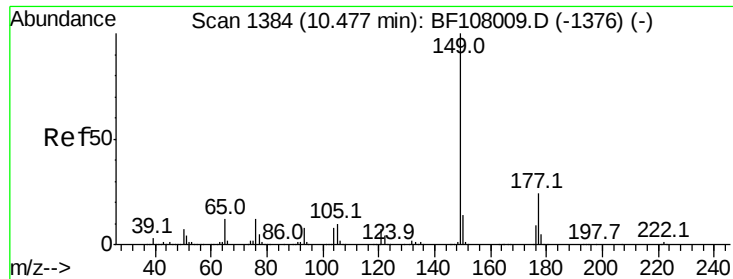
Sohil
 8/30/2018 12:18:45 PM



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 54.778 ng
 RT: 10.37 min Scan# 1366
 Delta R.T. -0.00 min
 Lab File: BF108629.D
 Acq: 30 Aug 2018 3:28

Tgt Ion:	232	Resp:	204805
Ion Ratio	Lower	Upper	
232	100		
131	36.9	43.8	65.8#
130	2.0	2.1	3.1#
166	28.2	27.8	41.6





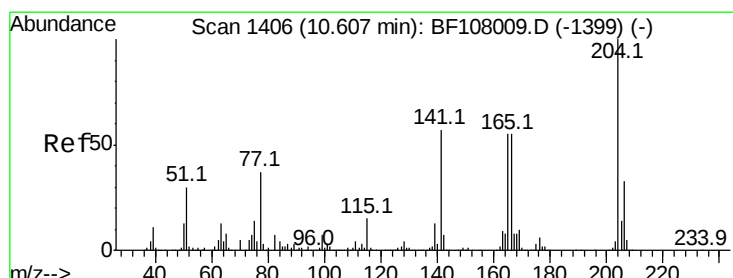
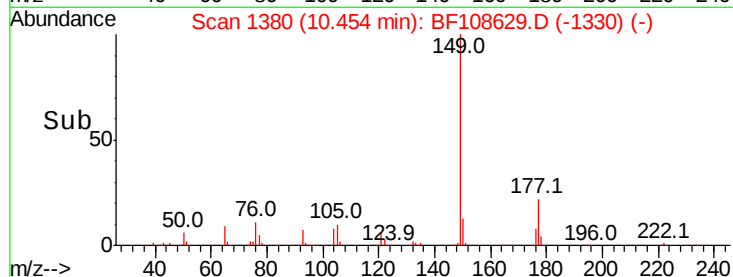
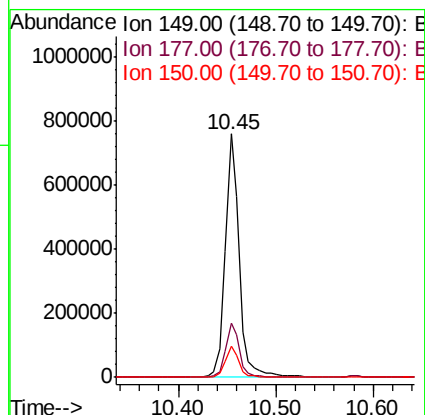
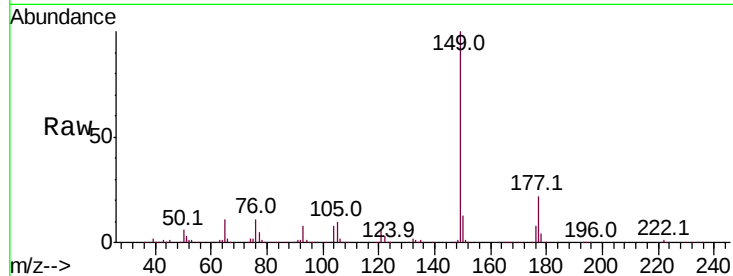
#59
Diethylphthalate
Concen: 52.593 ng
RT: 10.45 min Scan# 1380
Delta R.T. -0.01 min
Lab File: BF108629.D
Acq: 30 Aug 2018 3:28

Instrument :
BNA_F
ClientSampleId :
PB112466BSD

Tot Ion	Ratio	Resp	Lower	Upper
149	100	756460		
177	22.4	16.1	24.1	
150	12.6	10.1	15.1	

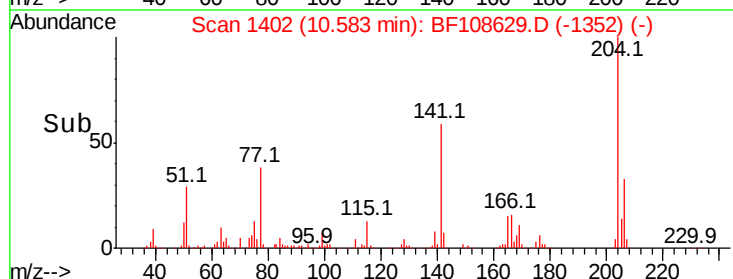
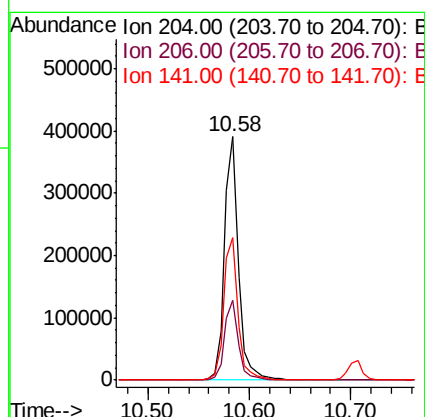
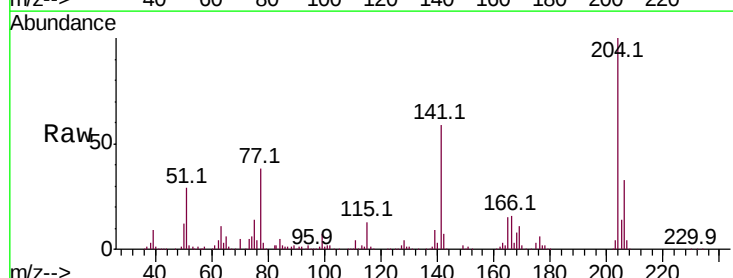
Manual Integrations
APPROVED

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#60
4-Chlorophenyl-phenylether
Concen: 51.935 ng
RT: 10.58 min Scan# 1402
Delta R.T. -0.01 min
Lab File: BF108629.D
Acq: 30 Aug 2018 3:28

Tgt Ion	Ratio	Resp	Lower	Upper
204	100	373437		
206	32.9	26.5	39.7	
141	58.5	54.6	81.8	





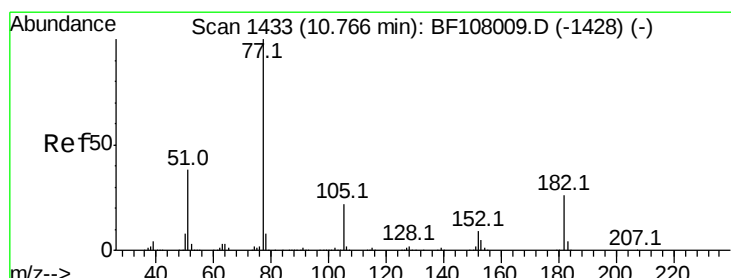
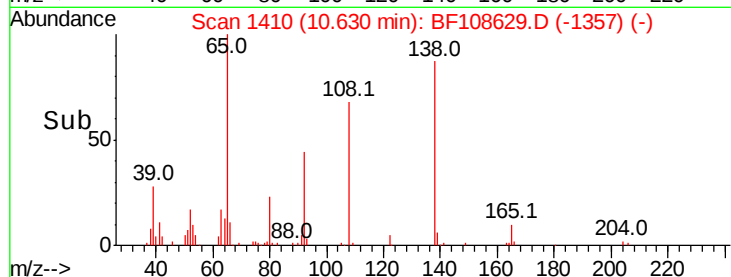
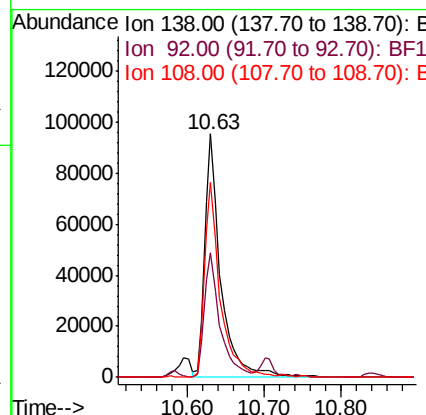
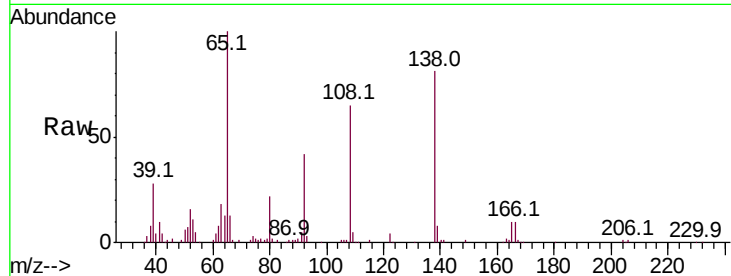
#61
4-Nitroaniline
Concen: 40.854 ng
RT: 10.63 min Scan# 1410
Delta R.T. 0.01 min
Lab File: BF108629.D
Acq: 30 Aug 2018 3:28

Instrument :
BNA_F
ClientSampleId :
PB112466BSD

Tot Ion	Ratio	Lower	Upper
138	100		
92	51.4	30.2	70.2
108	80.3	52.5	92.5

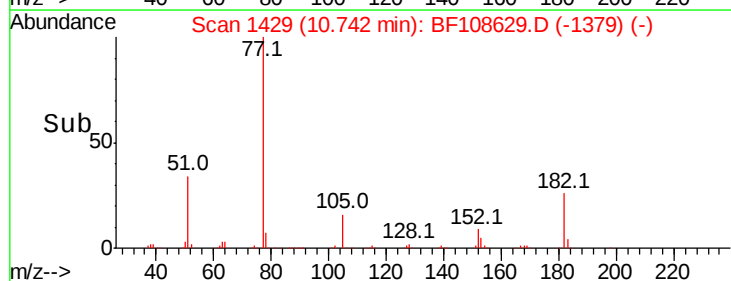
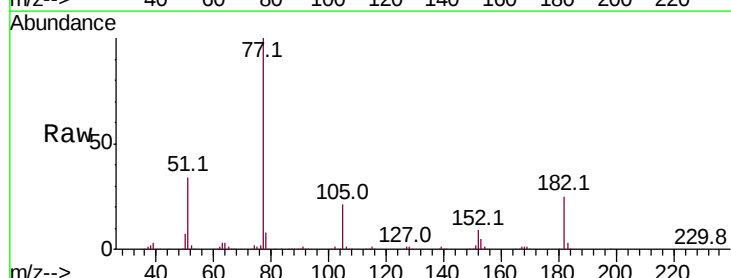
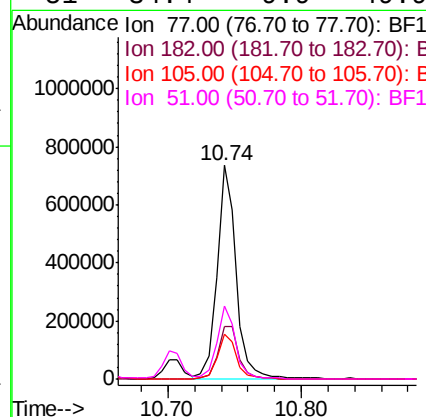
Manual Integrations
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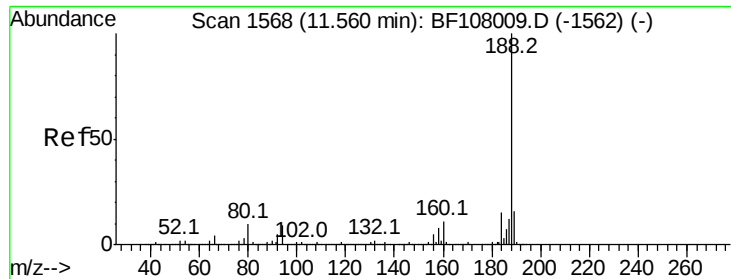
Sohil
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#62
Azobenzene
Concen: 49.154 ng
RT: 10.74 min Scan# 1429
Delta R.T. -0.01 min
Lab File: BF108629.D
Acq: 30 Aug 2018 3:28

Tgt Ion	Ratio	Lower	Upper
77	100		
182	24.8	1.7	41.7
105	20.9	3.0	43.0
51	34.4	9.9	49.9





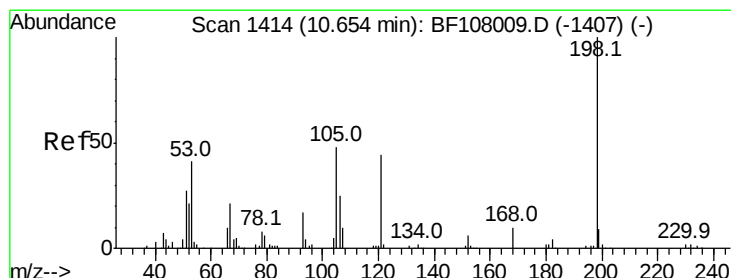
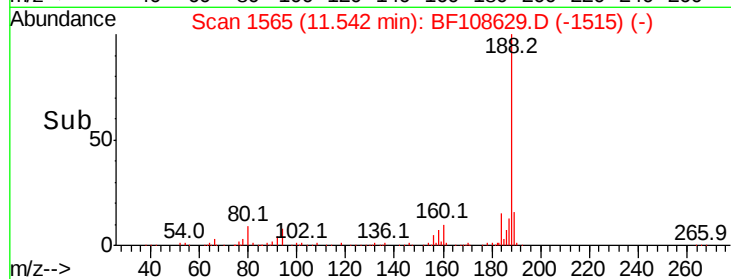
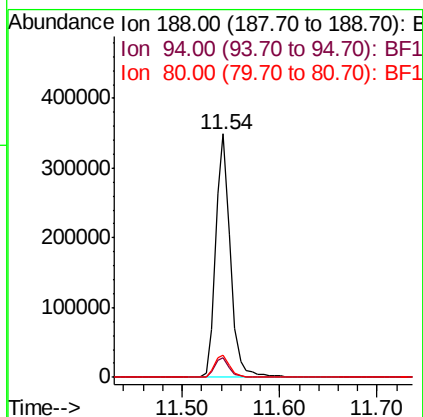
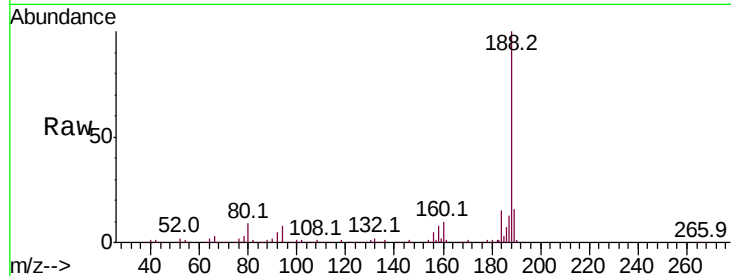
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.54 min Scan# 1565
Delta R.T. -0.01 min
Lab File: BF108629.D
Acq: 30 Aug 2018 3:28

Instrument :
BNA_F
ClientSampleId :
PB112466BSD

Tot Ion	Ratio	Resp Lower	Upper
188	100		
94	8.1	8.5	12.7#
80	8.9	9.2	13.8#

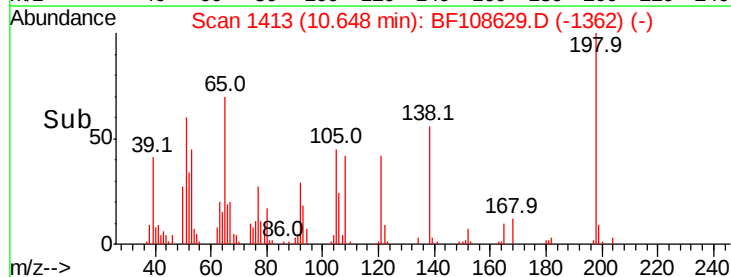
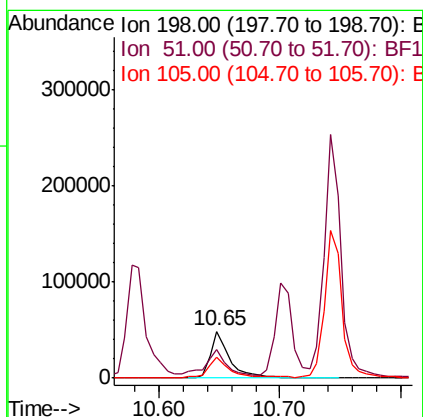
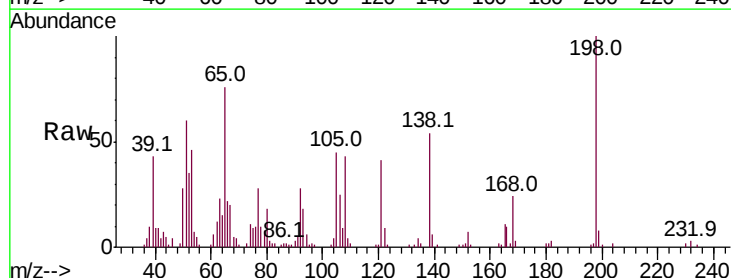
Manual Integrations
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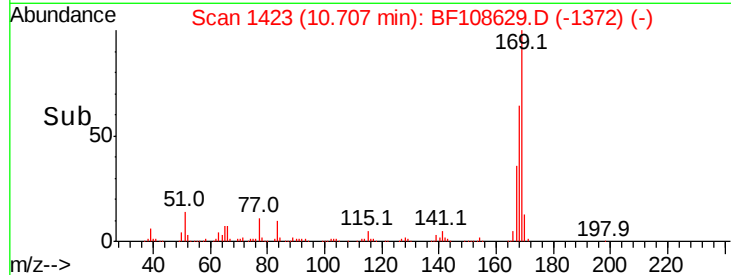
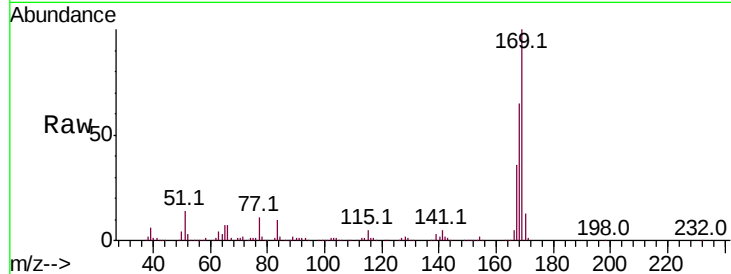
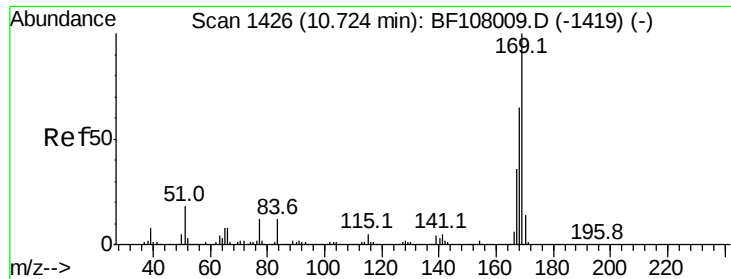
Sohil
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#64
4,6-Dinitro-2-methylphenol
Concen: 40.964 ng
RT: 10.65 min Scan# 1413
Delta R.T. -0.00 min
Lab File: BF108629.D
Acq: 30 Aug 2018 3:28

Tgt Ion	Ratio	Resp Lower	Upper
198	100		
51	59.9	37.7	77.7
105	44.9	36.3	76.3





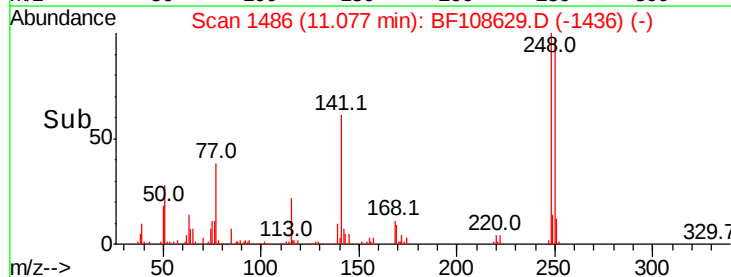
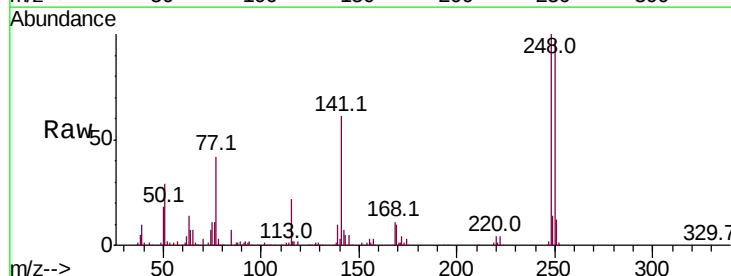
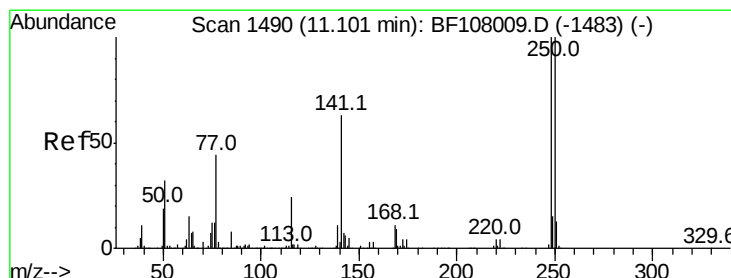
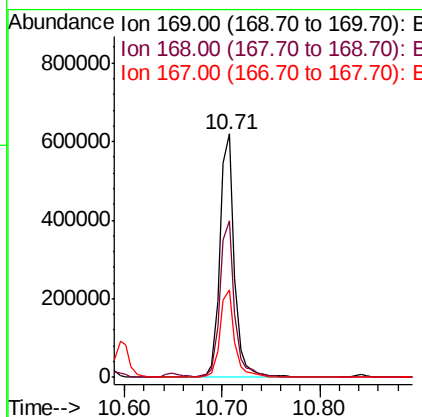
#65
n-Nitrosodiphenylamine
Concen: 59.671 ng
RT: 10.71 min Scan# 1423
Delta R.T. -0.00 min
Lab File: BF108629.D
Acq: 30 Aug 2018 3:28

Instrument :
BNA_F
ClientSampleId :
PB112466BSD

Tot Ion	Ratio	Resp	Lower	Upper
169	100			
168	64.5	54.4	81.6	
167	35.9	29.8	44.6	

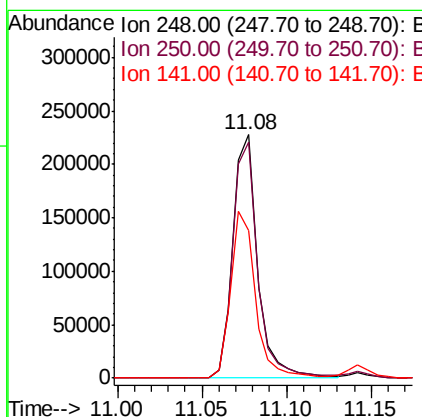
Manual Integrations
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#66
4-Bromophenyl-phenylether
Concen: 59.067 ng
RT: 11.08 min Scan# 1486
Delta R.T. -0.01 min
Lab File: BF108629.D
Acq: 30 Aug 2018 3:28

Tgt Ion	Ratio	Resp	Lower	Upper
248	100			
250	96.9	76.9	115.3	
141	60.6	74.4	111.6	





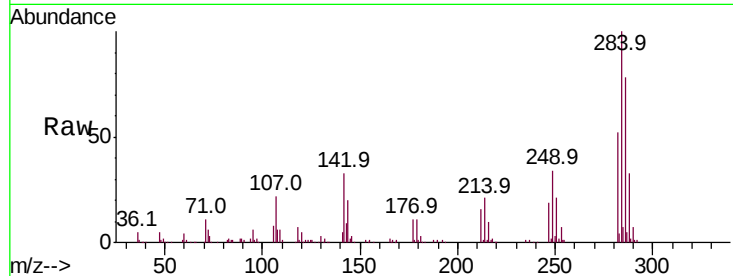
#67
Hexachlorobenzene
Concen: 56.608 ng
RT: 11.14 min Scan# 1497
Delta R.T. -0.01 min
Lab File: BF108629.D
Acq: 30 Aug 2018 3:28

Instrument :
BNA_F
ClientSampleId :
PB112466BSD

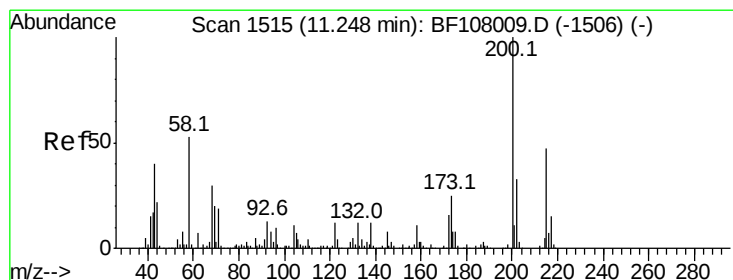
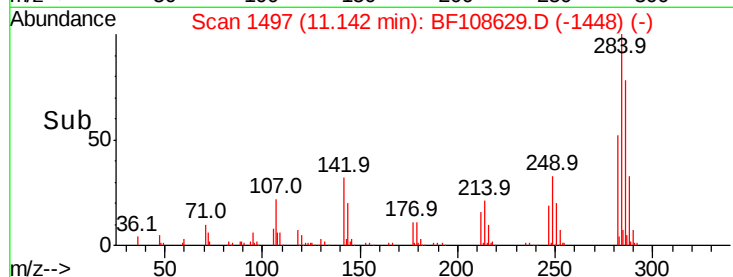
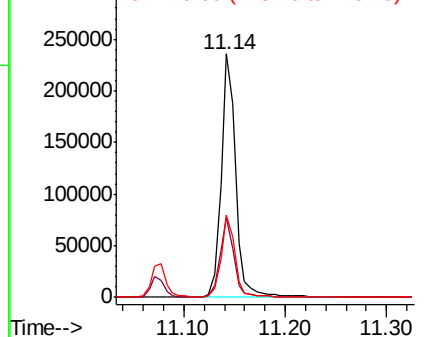
Tot Ion	Ratio	Resp	Lower	Upper
284	100	234101		
142	32.9	34.6	52.0#	
249	33.7	24.8	37.2	

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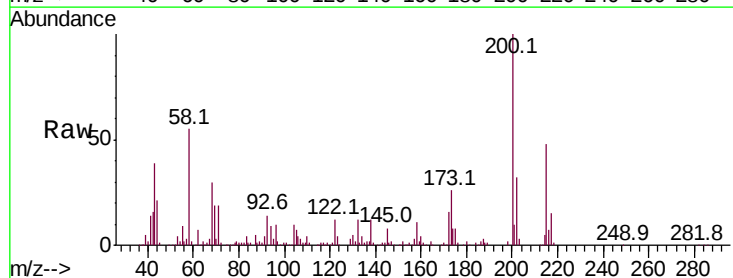


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

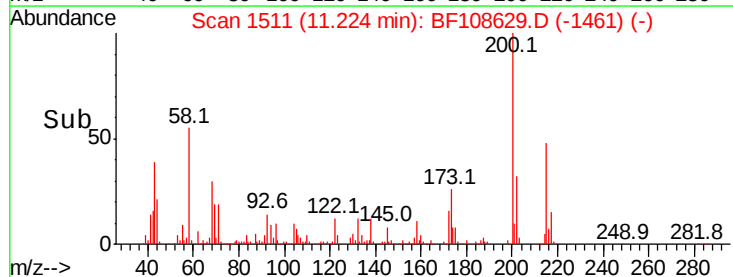
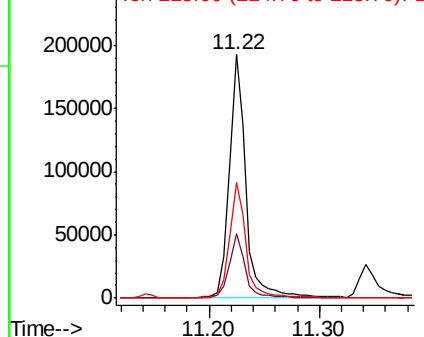


#68
Atrazine
Concen: 56.828 ng
RT: 11.22 min Scan# 1511
Delta R.T. -0.01 min
Lab File: BF108629.D
Acq: 30 Aug 2018 3:28

Tgt Ion	Ratio	Resp	Lower	Upper
200	100	203714		
173	26.3	8.6	48.6	
215	47.6	25.1	65.1	



Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E





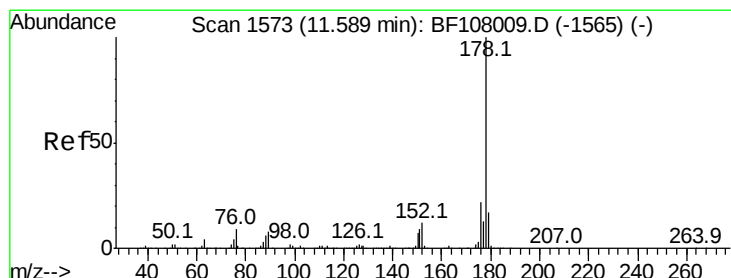
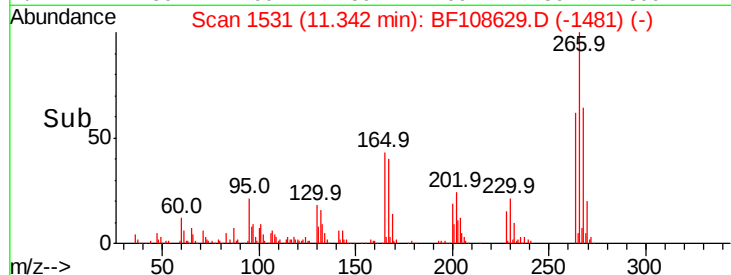
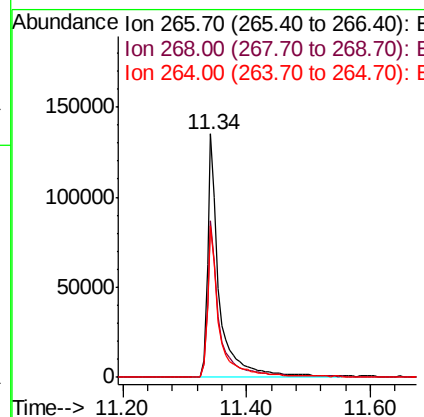
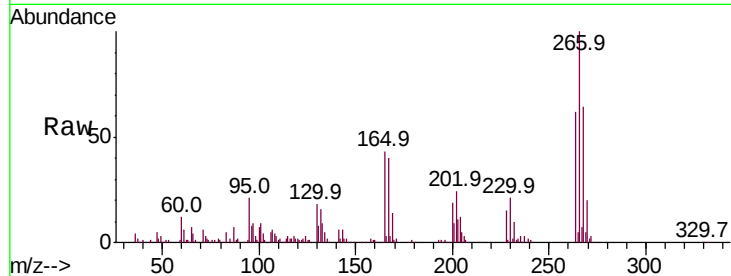
#69
 Pentachlorophenol
 Concen: 92.214 ng
 RT: 11.34 min Scan# 1531
 Delta R.T. -0.01 min
 Lab File: BF108629.D
 Acq: 30 Aug 2018 3:28

Instrument :
 BNA_F
 ClientSampleId :
 PB112466BSD

Tot Ion	Ratio	Resp Lower	Upper
266	100		
268	64.3	51.1	76.7
264	62.2	49.5	74.3

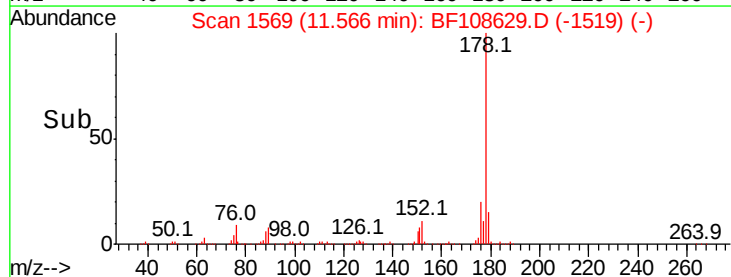
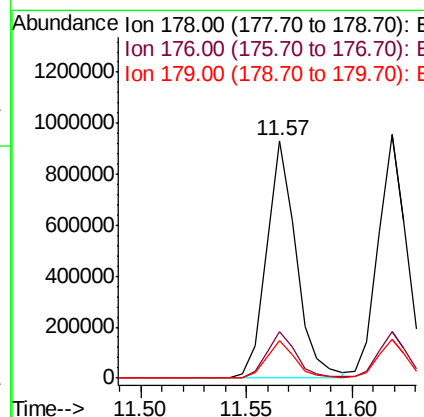
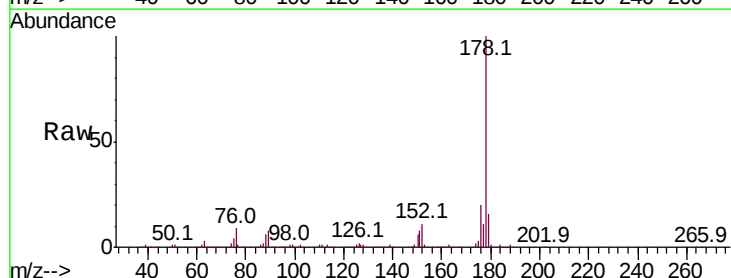
Manual Integrations
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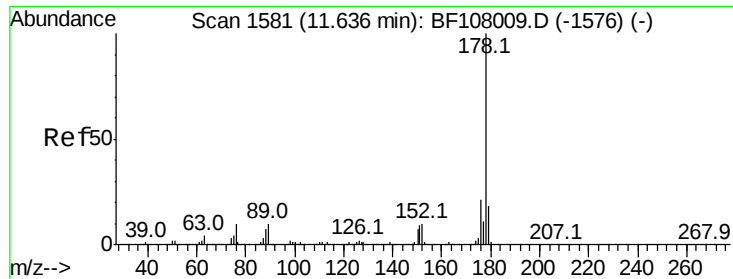
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#70
 Phenanthrene
 Concen: 53.463 ng
 RT: 11.57 min Scan# 1569
 Delta R.T. -0.01 min
 Lab File: BF108629.D
 Acq: 30 Aug 2018 3:28

Tgt Ion	Ratio	Resp Lower	Upper
178	100		
176	19.7	15.8	23.8
179	15.7	13.0	19.6





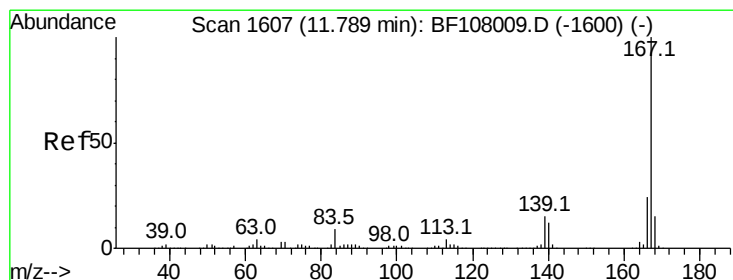
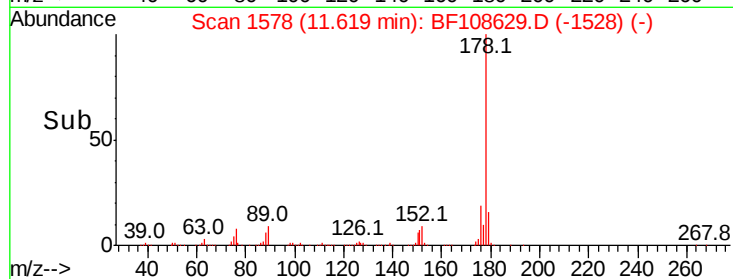
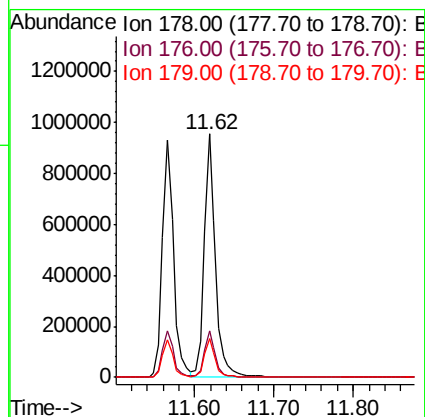
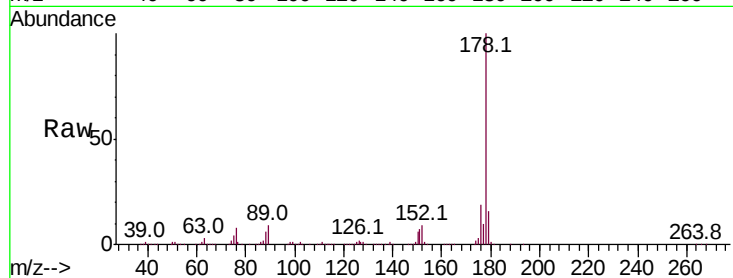
#71
 Anthracene
 Concen: 55.137 ng
 RT: 11.62 min Scan# 1578
 Delta R.T. -0.01 min
 Lab File: BF108629.D
 Acq: 30 Aug 2018 3:28

Instrument :
 BNA_F
 ClientSampleId :
 PB112466BSD

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.2	15.4	23.2
179	15.7	12.6	19.0

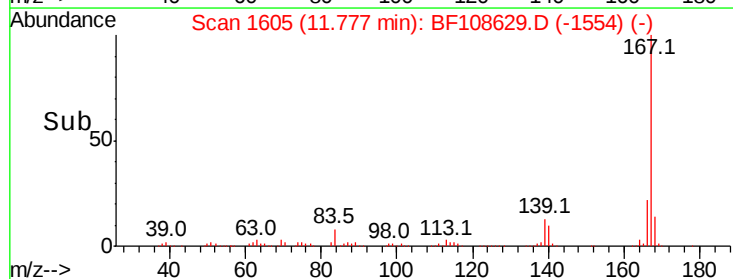
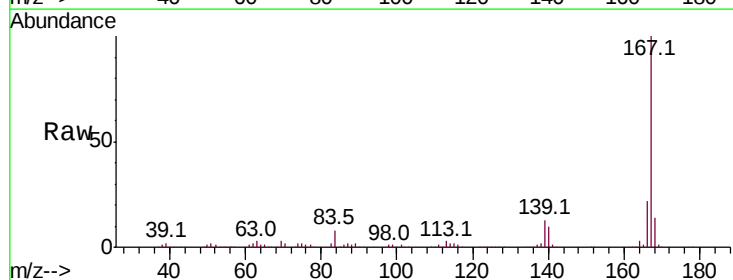
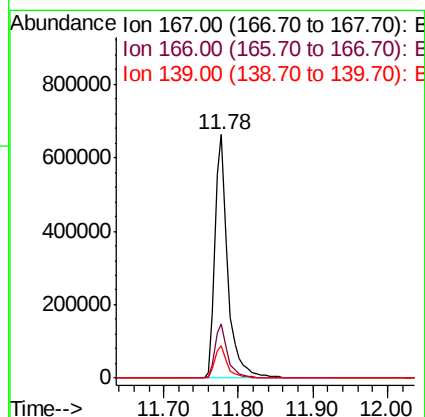
Manual Integrations
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#72
 Carbazole
 Concen: 50.427 ng
 RT: 11.78 min Scan# 1605
 Delta R.T. -0.00 min
 Lab File: BF108629.D
 Acq: 30 Aug 2018 3:28

Tgt Ion	Ratio	Lower	Upper
167	100		
166	22.2	17.6	26.4
139	13.1	10.9	16.3





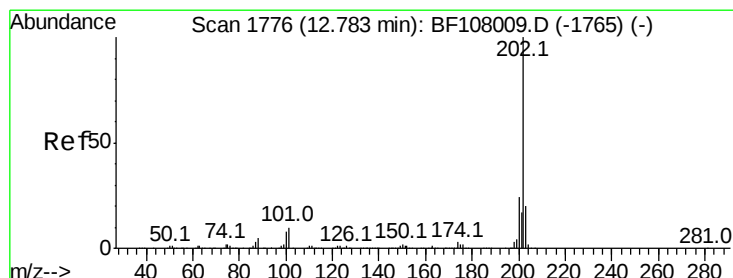
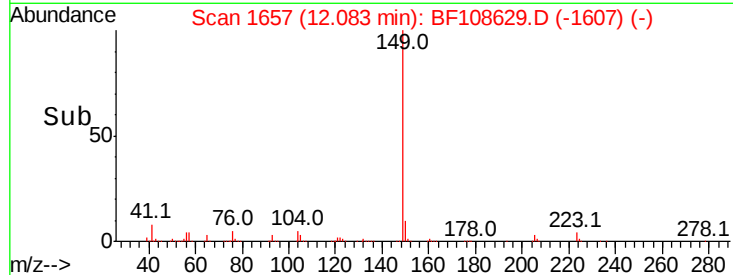
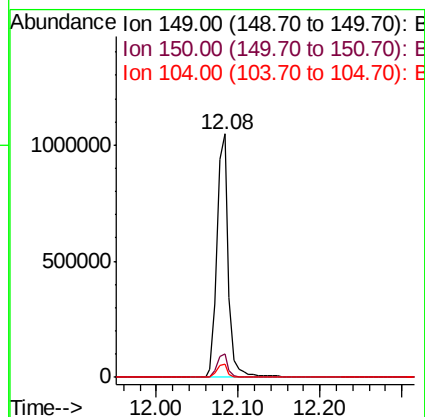
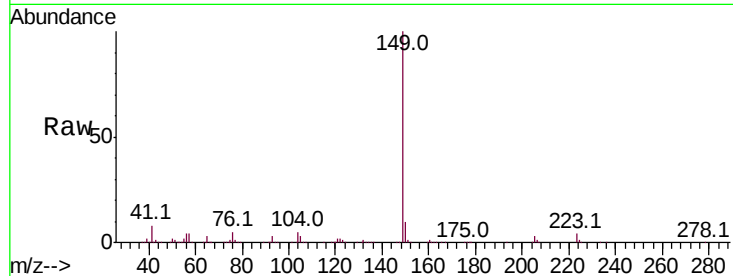
#73
Di-n-butylphthalate
Concen: 58.250 ng
RT: 12.08 min Scan# 1657
Delta R.T. -0.01 min
Lab File: BF108629.D
Acq: 30 Aug 2018 3:28

Instrument :
BNA_F
ClientSampled :
PB112466BSD

Tot Ion	Ratio	Lower	Upper
149	100		
150	9.5	7.8	11.6
104	5.3	3.8	5.8

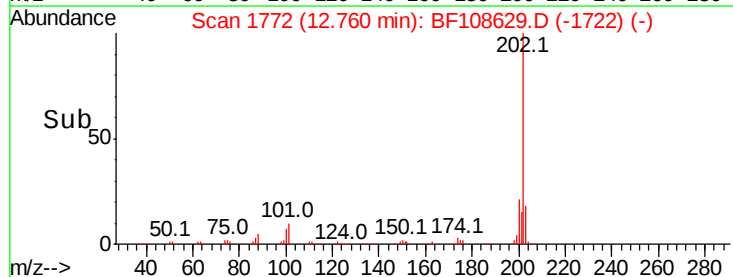
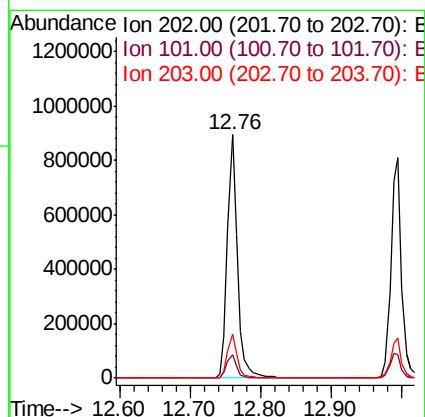
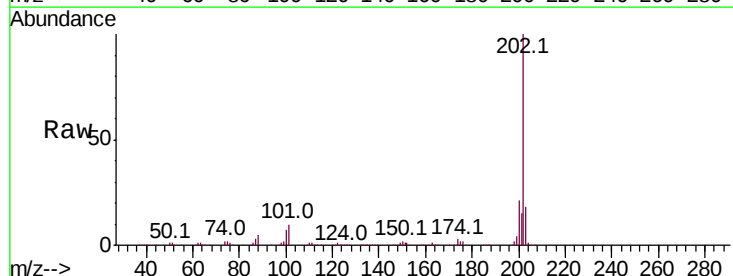
Manual Integrations
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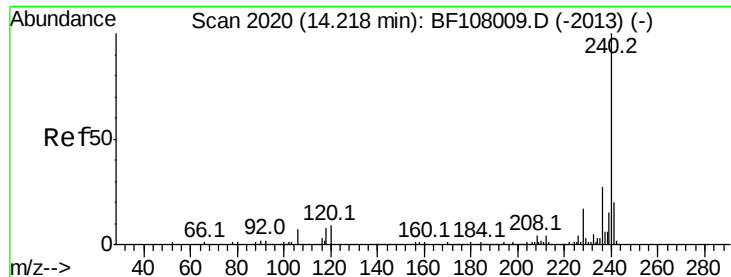
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#74
Fluoranthene
Concen: 47.548 ng
RT: 12.76 min Scan# 1772
Delta R.T. -0.01 min
Lab File: BF108629.D
Acq: 30 Aug 2018 3:28

Tgt Ion	Ratio	Lower	Upper
202	100		
101	9.6	0.0	34.1
203	17.8	0.0	38.1





#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.19 min Scan# 2016

Delta R.T. -0.01 min

Lab File: BF108629.D

Acq: 30 Aug 2018 3:28

Instrument :

BNA_F

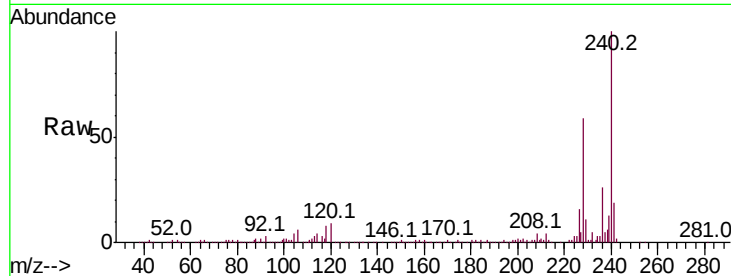
ClientSampleId :

PB112466BSD

Tot Ion	Ratio	Resp	Lower	Upper
240	100	255561		
120	9.3	9.5	14.3#	
236	26.0	20.7	31.1	

Manual Integrations
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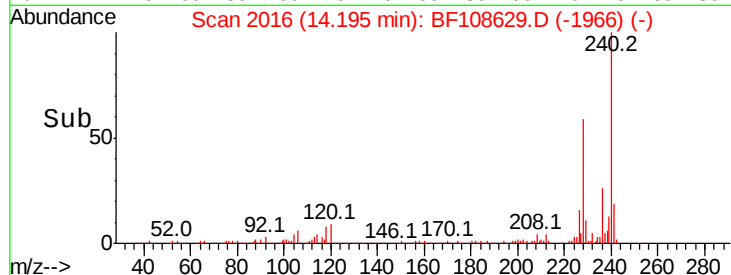
Abundance

Ion 240.00 (239.70 to 240.70): E

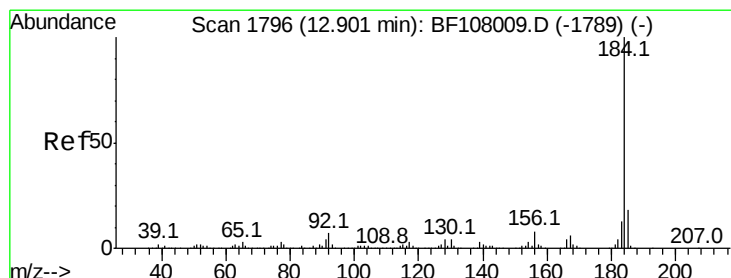
Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

14.19



Time-->



#76

Benzidine

Concen: 27.928 ng

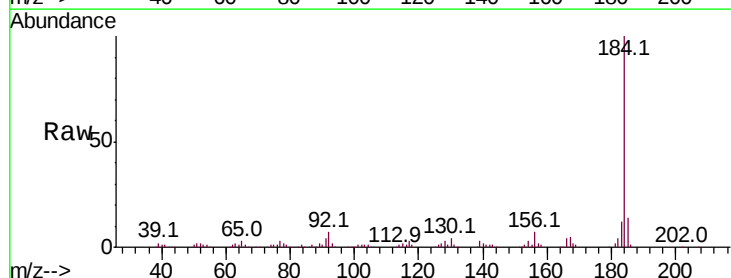
RT: 12.88 min Scan# 1793

Delta R.T. -0.00 min

Lab File: BF108629.D

Acq: 30 Aug 2018 3:28

Tgt Ion	Ratio	Resp	Lower	Upper
184	100	266663		
185	14.4	12.6	18.8	
183	11.7	9.3	13.9	



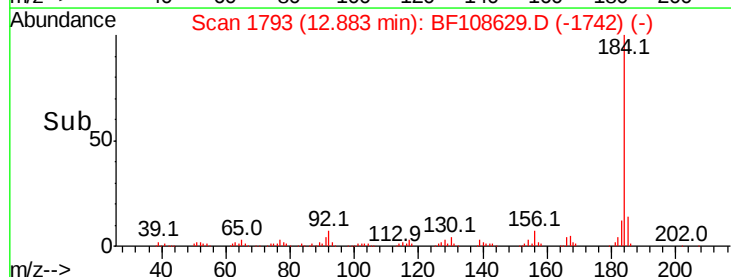
Abundance

Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

12.88



Time-->



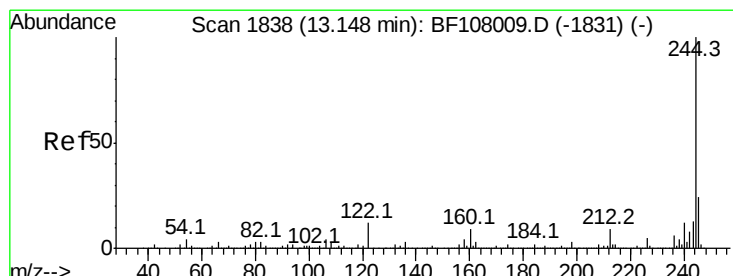
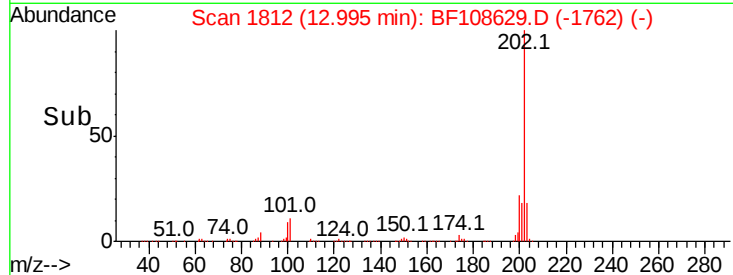
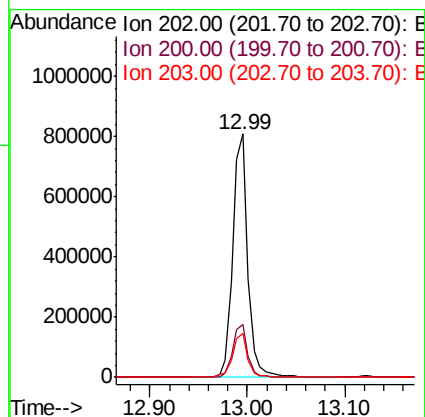
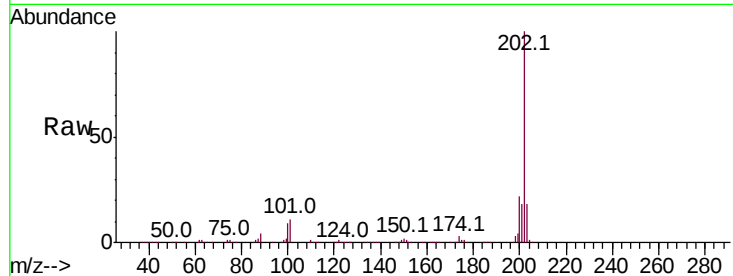
#77
Pvrene
Concen: 53.227 ng
RT: 12.99 min Scan# 1812
Delta R.T. -0.01 min
Lab File: BF108629.D
Acq: 30 Aug 2018 3:28

Instrument :
BNA_F
ClientSampleId :
PB112466BSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
202	100				
200	21.6	17.4	26.2		
203	18.0	14.3	21.5		

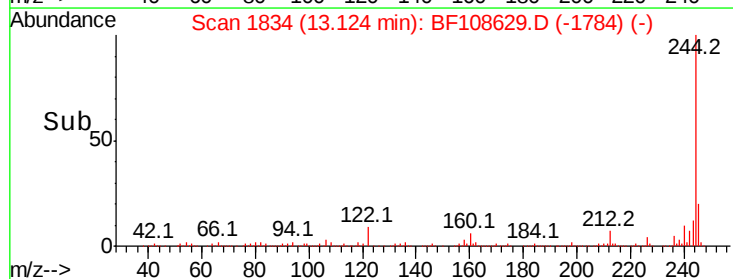
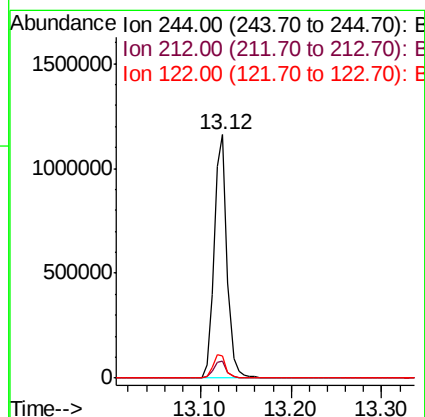
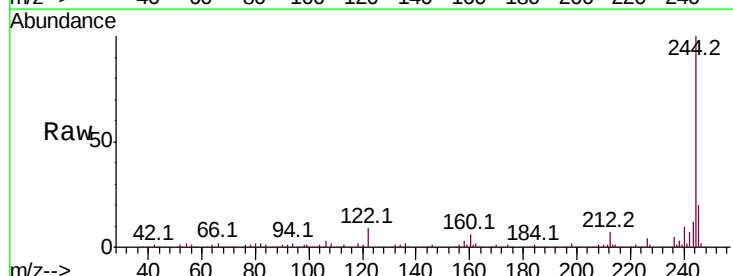
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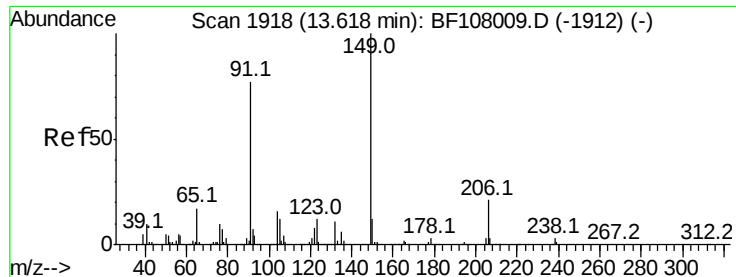
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#78
Terphenyl-d14
Concen: 114.907 ng
RT: 13.12 min Scan# 1834
Delta R.T. -0.01 min
Lab File: BF108629.D
Acq: 30 Aug 2018 3:28

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
244	100				
212	7.1	5.4	8.0		
122	9.0	11.0	16.4		





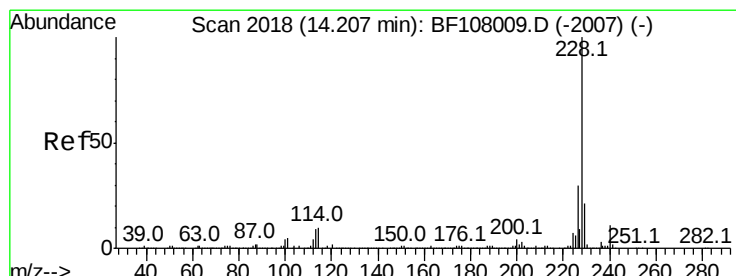
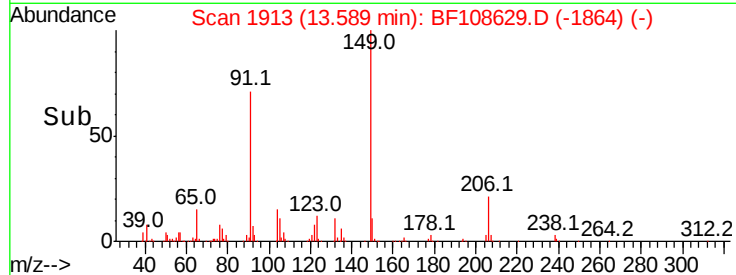
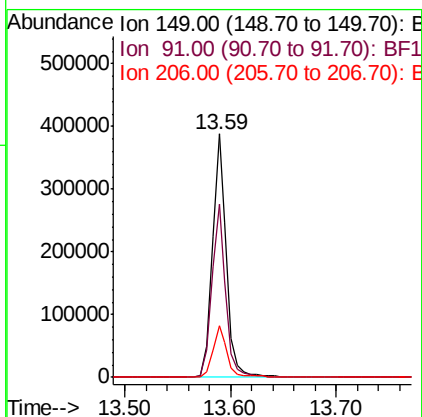
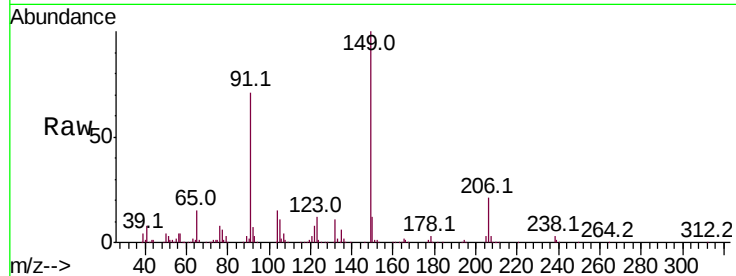
#79
Butylbenzylphthalate
Concen: 56.615 ng
RT: 13.59 min Scan# 1913
Delta R.T. -0.01 min
Lab File: BF108629.D
Acq: 30 Aug 2018 3:28

Instrument :
BNA_F
ClientSampleID :
PB112466BSD

Tot Ion	Ratio	Resp	Lower	Upper
149	100	363733		
91	71.2	56.8	85.2	
206	21.5	14.1	21.1	

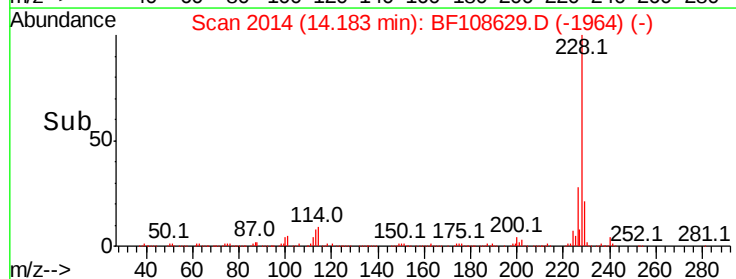
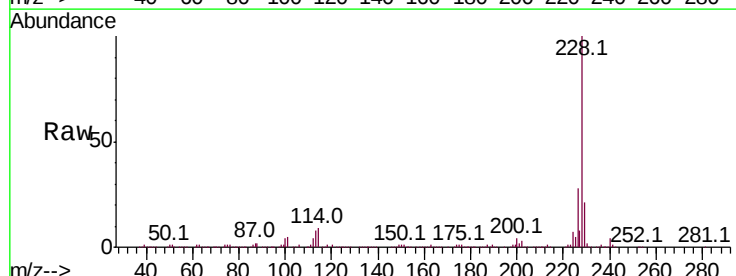
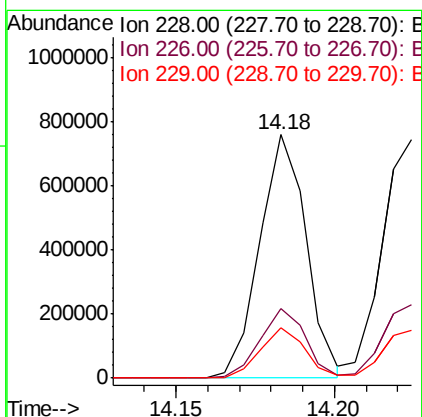
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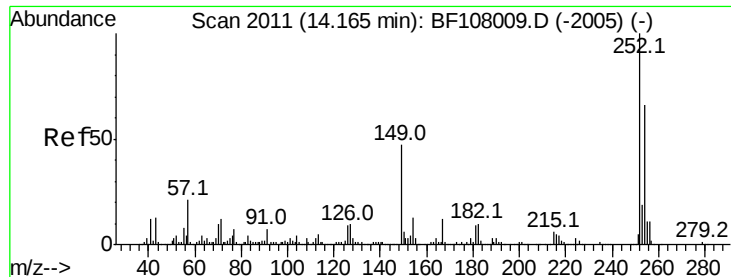
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#80
Benzo(a)anthracene
Concen: 52.678 ng
RT: 14.18 min Scan# 2014
Delta R.T. -0.01 min
Lab File: BF108629.D
Acq: 30 Aug 2018 3:28

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	772612		
226	28.4	22.6	33.8	
229	20.8	15.8	23.6	





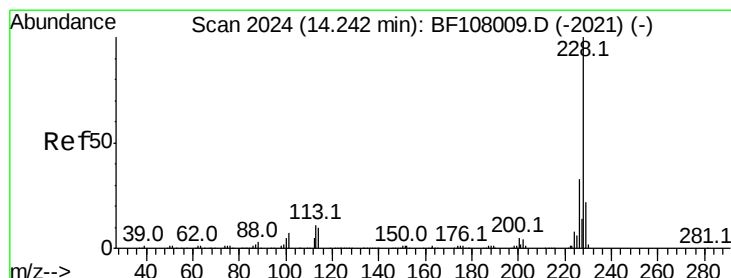
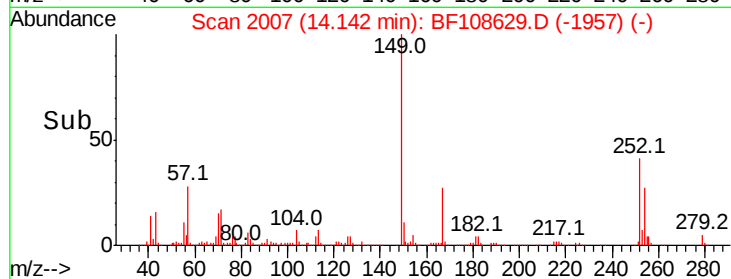
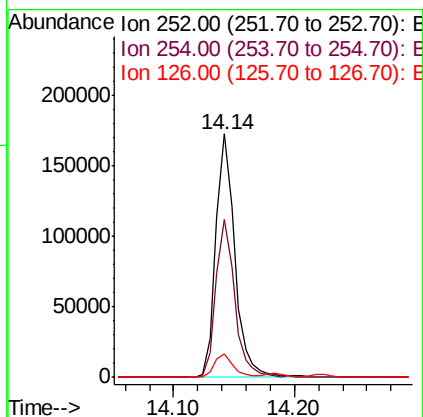
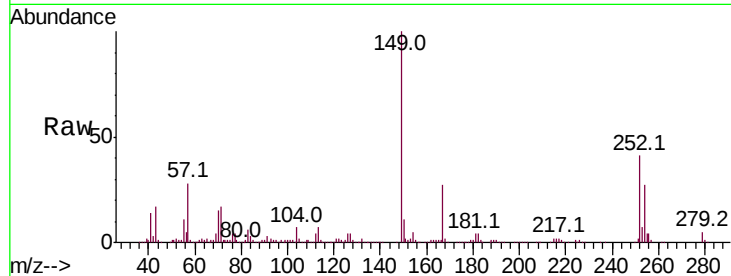
#81
 3,3'-Dichlorobenzidine
 Concen: 35.658 ng
 RT: 14.14 min Scan# 2007
 Delta R.T. -0.01 min
 Lab File: BF108629.D
 Acq: 30 Aug 2018 3:28

Instrument :
 BNA_F
 ClientSampleId :
 PB112466BSD

Tot Ion	Ratio	Resp	Lower	Upper
252	100	187424		
254	65.0	50.4	75.6	
126	9.6	11.3	16.9	

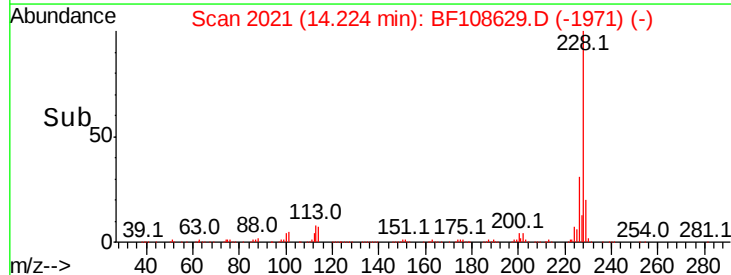
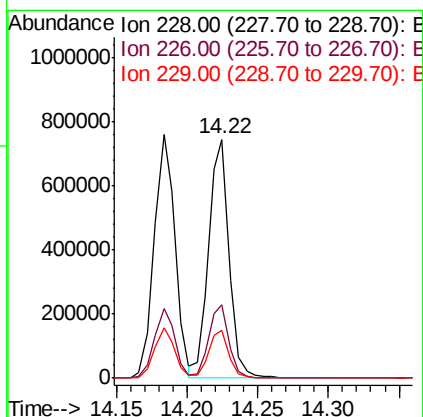
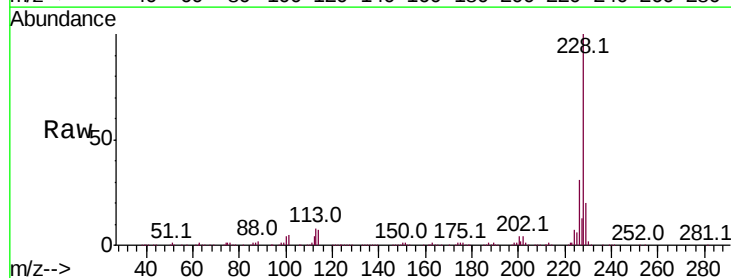
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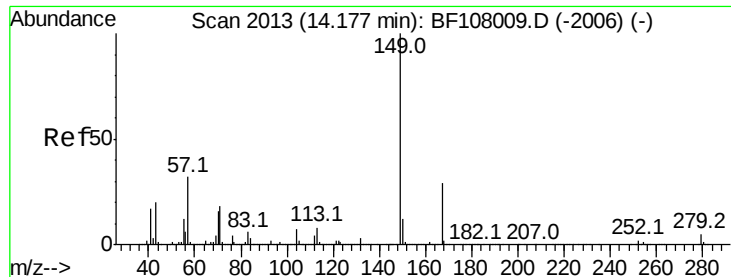
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#82
 Chrysene
 Concen: 55.518 ng
 RT: 14.22 min Scan# 2021
 Delta R.T. -0.01 min
 Lab File: BF108629.D
 Acq: 30 Aug 2018 3:28

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	746502		
226	30.8	25.0	37.6	
229	20.1	16.2	24.4	





#83

Bis(2-ethylhexyl)phthalate

Concen: 55.707 ng

RT: 14.14 min Scan# 2006

Delta R.T. -0.01 min

Lab File: BF108629.D

Acq: 30 Aug 2018 3:28

Instrument :

BNA_F

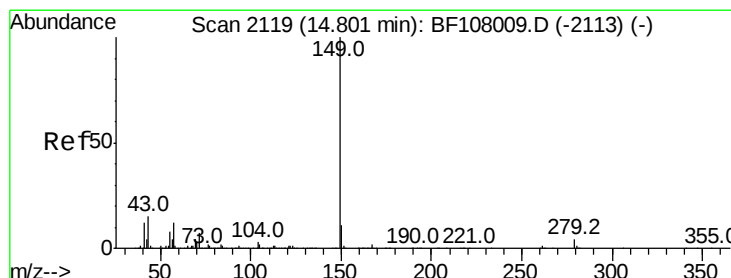
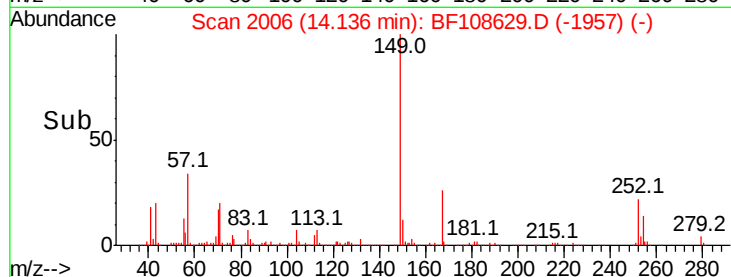
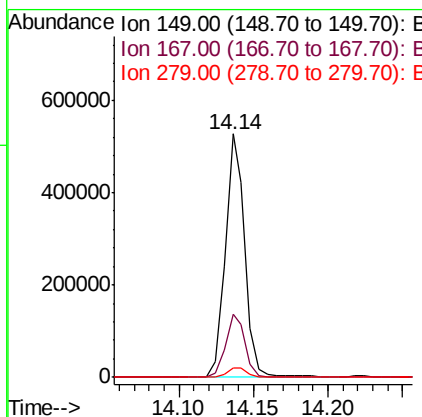
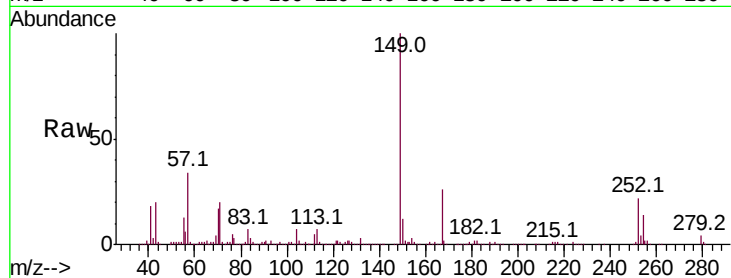
ClientSampleId :

PB112466BSD

Tot Ion:	149	Resp:	484662
Ion Ratio	Lower	Upper	
149	100		
167	26.2	21.3	31.9
279	3.7	3.0	4.4

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#84

Di-n-octyl phthalate

Concen: 62.439 ng

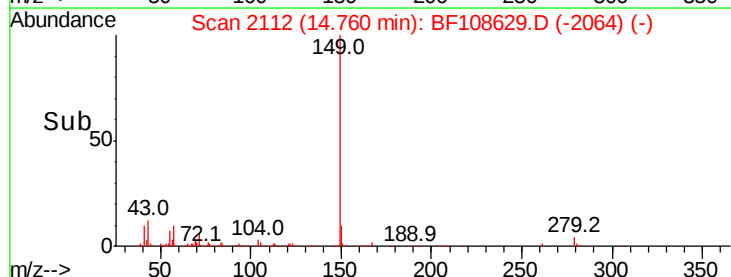
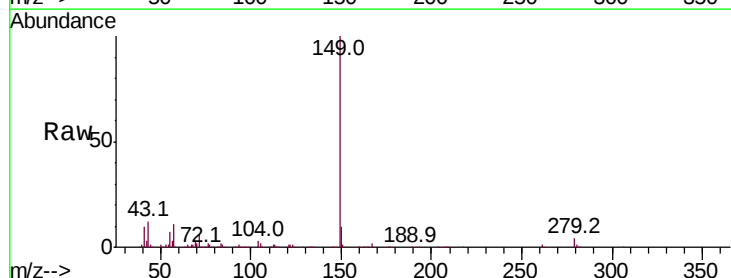
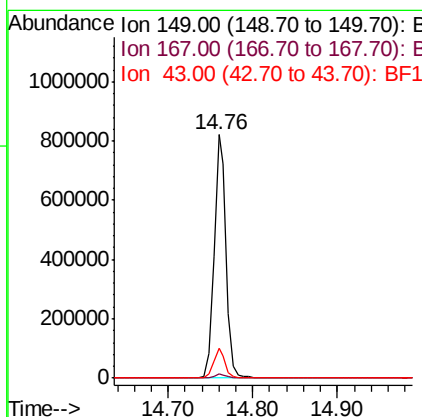
RT: 14.76 min Scan# 2112

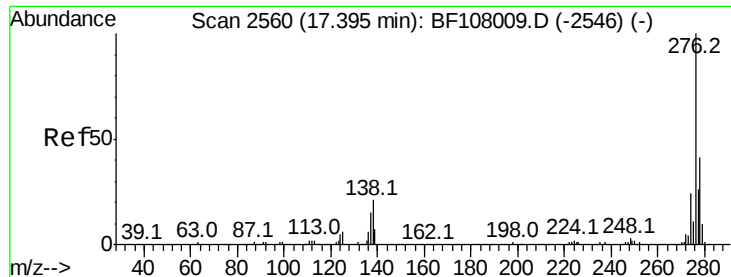
Delta R.T. -0.02 min

Lab File: BF108629.D

Acq: 30 Aug 2018 3:28

Tgt Ion:	149	Resp:	828486
Ion Ratio	Lower	Upper	
149	100		
167	1.6	1.2	1.8
43	11.6	8.4	12.6





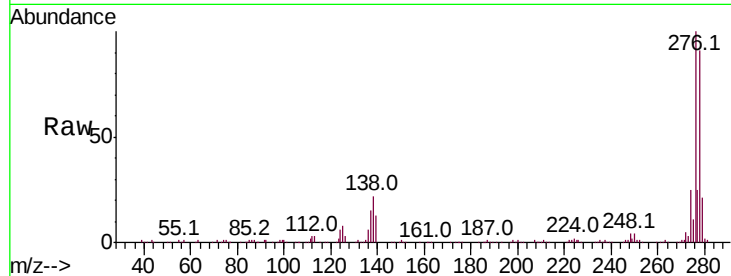
#85
Indeno(1,2,3-cd)pyrene
Concen: 55.394 ng
RT: 17.37 min Scan# 2556
Delta R.T. -0.00 min
Lab File: BF108629.D
Acq: 30 Aug 2018 3:28

Instrument :
BNA_F
ClientSampleId :
PB112466BSD

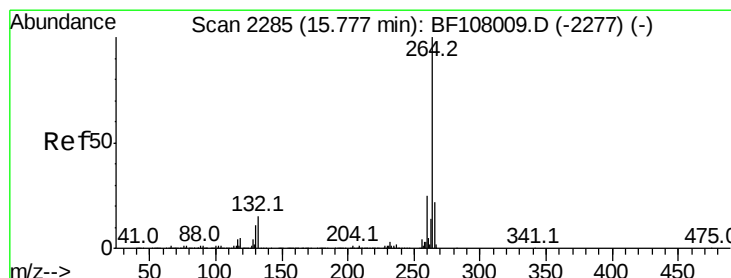
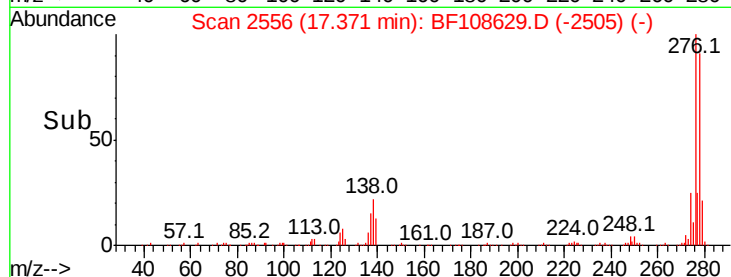
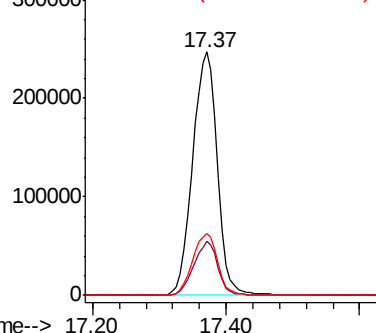
Tot Ion	Ratio	Resp	Lower	Upper
276	100			
138	21.6	25.0	37.6	
277	25.6	20.1	30.1	

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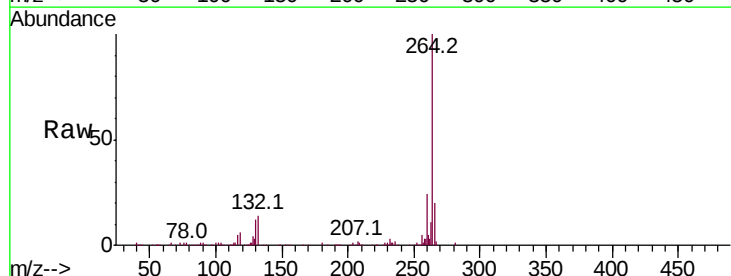


Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E

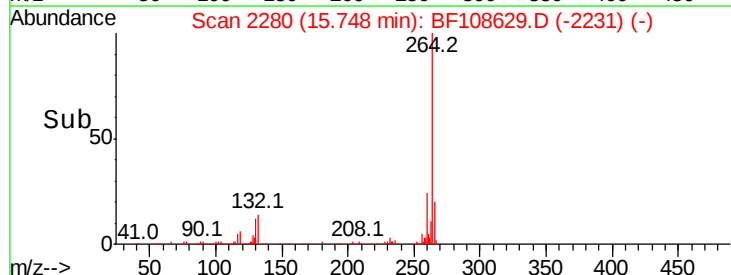
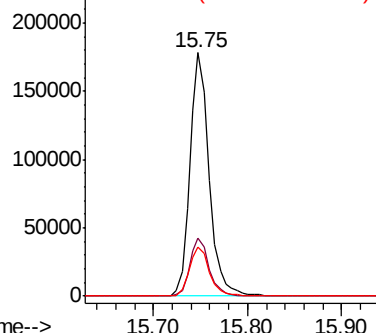


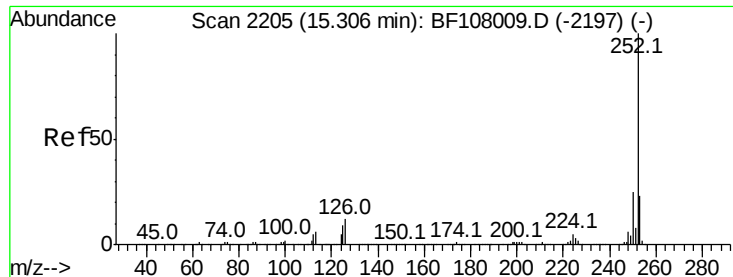
#86
Perylene-d12
Concen: 20.000 ng
RT: 15.75 min Scan# 2280
Delta R.T. -0.01 min
Lab File: BF108629.D
Acq: 30 Aug 2018 3:28

Tgt Ion	Ratio	Resp	Lower	Upper
264	100			
260	23.8	19.2	28.8	
265	20.4	17.5	26.3	



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





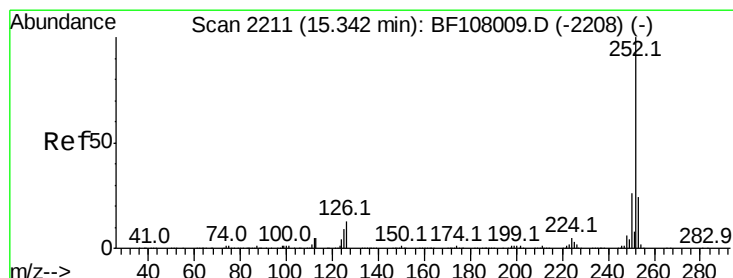
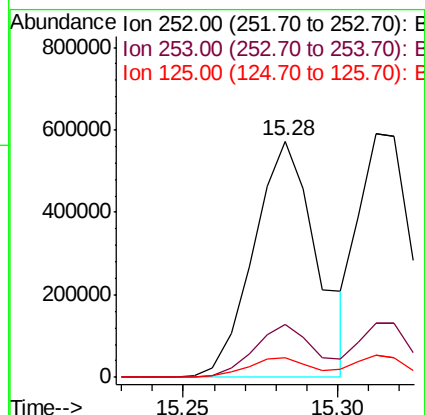
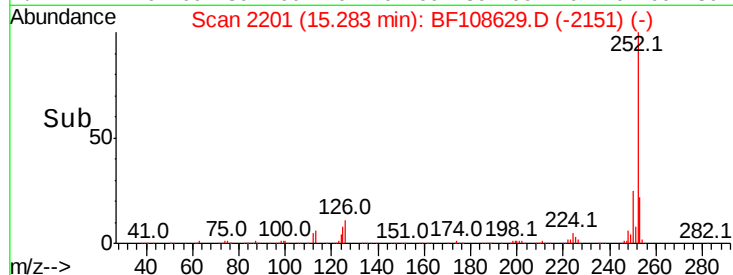
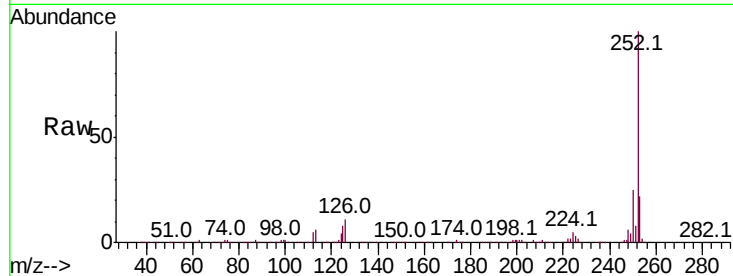
#87
Benzo(b)fluoranthene
Concen: 53.731 ng m
RT: 15.28 min Scan# 2201
Delta R.T. -0.01 min
Lab File: BF108629.D
Acq: 30 Aug 2018 3:28

Instrument :
BNA_F
ClientSampleId :
PB112466BSD

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.4	17.0	25.6
125	8.2	9.0	13.6

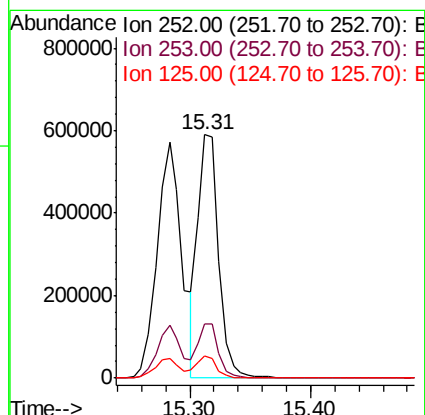
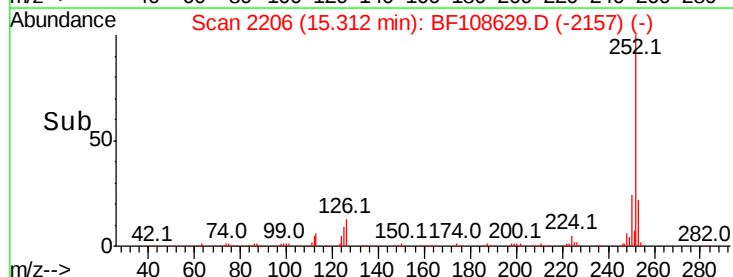
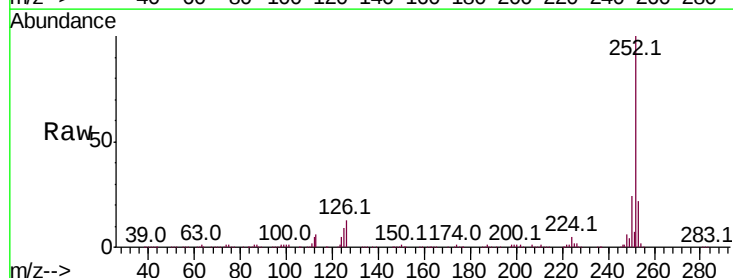
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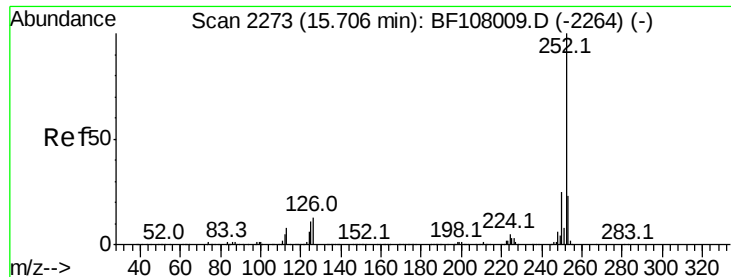
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#88
Benzo(k)fluoranthene
Concen: 50.664 ng
RT: 15.31 min Scan# 2206
Delta R.T. -0.01 min
Lab File: BF108629.D
Acq: 30 Aug 2018 3:28

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.3	17.9	26.9
125	9.1	10.2	15.2





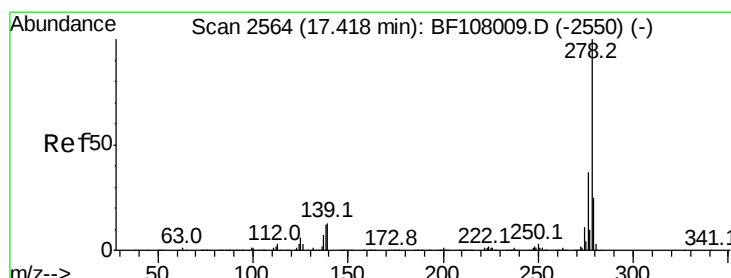
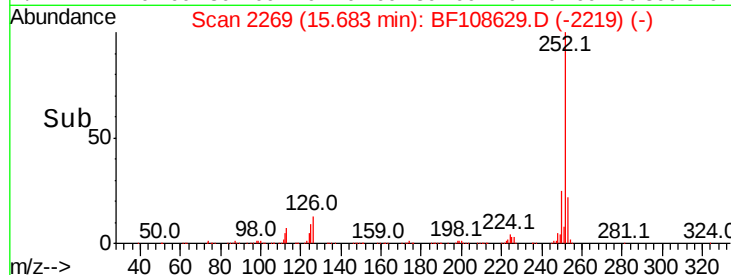
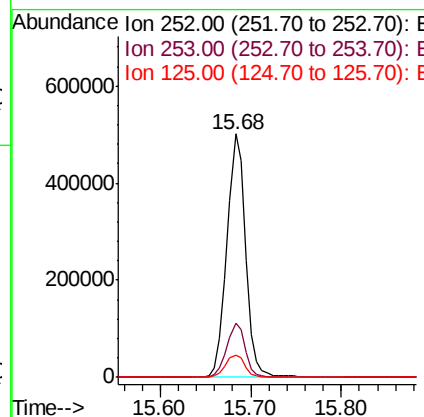
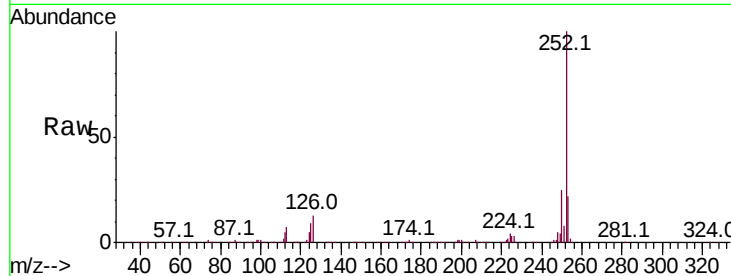
#89
Benzo(a)pyrene
Concen: 52.641 ng
RT: 15.68 min Scan# 2269
Delta R.T. -0.01 min
Lab File: BF108629.D
Acq: 30 Aug 2018 3:28

Instrument :
BNA_F
ClientSampleId :
PB112466BSD

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.1	17.1	25.7
125	9.3	9.8	14.6

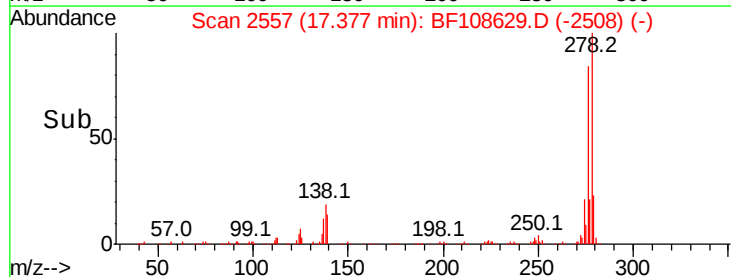
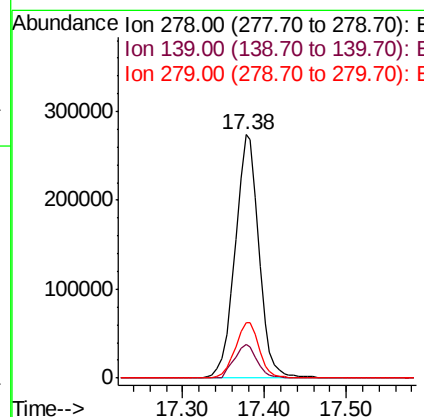
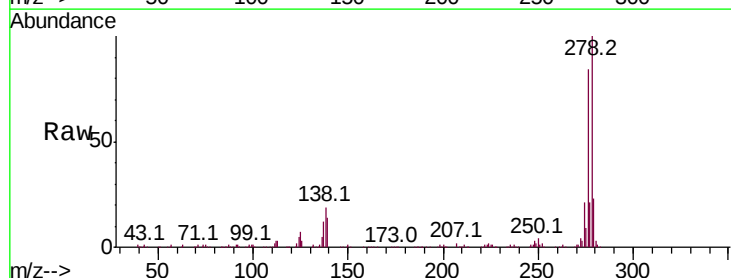
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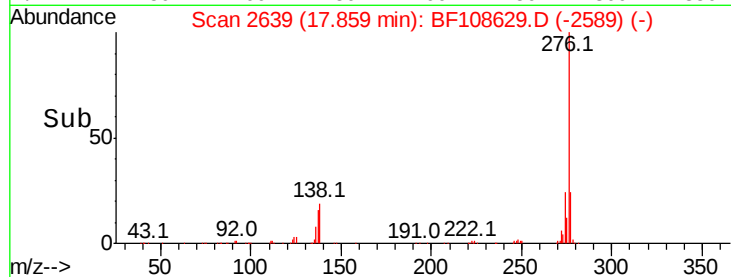
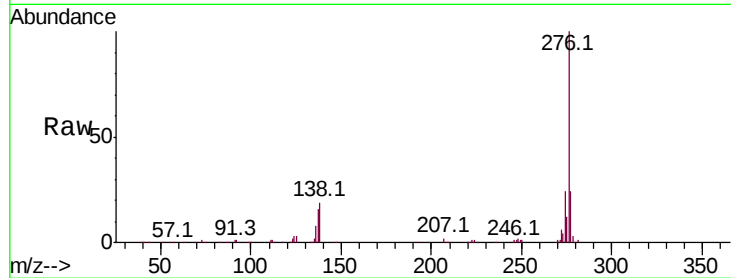
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#90
Dibenzo(a,h)anthracene
Concen: 49.418 ng
RT: 17.38 min Scan# 2557
Delta R.T. -0.01 min
Lab File: BF108629.D
Acq: 30 Aug 2018 3:28

Tgt Ion	Ratio	Lower	Upper
278	100		
139	14.0	15.9	23.9
279	23.0	19.0	28.4





#91

Benzo(a,h,i)perylene

Concen: 46.433 ng

RT: 17.86 min Scan# 2639

Delta R.T. -0.01 min

Lab File: BF108629.D

Acq: 30 Aug 2018 3:28

Instrument :

BNA_F

ClientSampleId :

PB112466BSD

Tot Ion	Ratio	Lower	Upper
276	100		
277	24.5	17.9	26.9
138	18.9	21.8	32.8

Manual Integrations
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