

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082918\
 Data File : BF108596.D
 Acq On : 29 Aug 2018 11:25
 Operator : JU/SJ
 Sample : PB112381BSD
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB112381BSD

Manual Integrations
 APPROVED

Sohil
 8/30/2018 12:18:24 PM

Quant Time: Aug 29 11:57:45 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	108900	20.00	ng	0.00
21) Naphthalene-d8	8.28	136	430103	20.00	ng	0.00
38) Acenaphthene-d10	10.05	164	214713	20.00	ng	0.00
63) Phenanthrene-d10	11.54	188	422148	20.00	ng	0.00
75) Chrysene-d12	14.19	240	276567	20.00	ng	0.00
86) Perylene-d12	15.75	264	228649	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.64	112	603801	100.38	ng	0.01
7) Phenol-d6	6.63	99	826074	103.35	ng	0.00
23) Nitrobenzene-d5	7.57	82	542059	70.33	ng	0.00
41) 2,4,6-Tribromophenol	10.84	330	241399	112.71	ng	0.00
44) 2-Fluorobiphenyl	9.35	172	1084320	81.08	ng	-0.01
78) Terphenyl-d14	13.12	244	1069709	98.34	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.98	88	108150	34.991	ng	95
3) Pyridine	3.74	79	263489	33.094	ng	89
4) n-Nitrosodimethylamine	3.71	42	153817	34.334	ng	# 80
6) Aniline	6.67	93	334272	30.745	ng	# 86
8) 2-Chlorophenol	6.79	128	300936	44.421	ng	94
9) Benzaldehyde	6.56	77	190388	30.721	ng	98
10) Phenol	6.65	94	359219	43.447	ng	89
11) bis(2-Chloroethyl)ether	6.73	93	319720	47.831	ng	93
12) 1,3-Dichlorobenzene	6.94	146	347041	44.304	ng	99
13) 1,4-Dichlorobenzene	7.02	146	364942	46.370	ng	97
14) 1,2-Dichlorobenzene	7.17	146	336357	45.947	ng	98
15) Benzyl Alcohol	7.15	79	243151	36.135	ng	94
16) 2,2'-oxybis(1-Chloropropan	7.26	45	538399	39.099	ng	76
17) 2-Methylphenol	7.25	107	250950	43.196	ng	# 91
18) Hexachloroethane	7.51	117	127093	45.360	ng	92
19) n-Nitroso-di-n-propylamine	7.40	70	222523	41.168	ng	# 88
20) 3+4-Methylphenols	7.40	107	322912	43.374	ng	# 66
22) Acetophenone	7.41	105	448950	44.641	ng	# 87
24) Nitrobenzene	7.58	77	335767	43.079	ng	94
25) Isophorone	7.81	82	594448	40.463	ng	95
26) 2-Nitrophenol	7.90	139	150954	51.285	ng	92
27) 2,4-Dimethylphenol	7.93	122	271825	41.688	ng	97
28) bis(2-Chloroethoxy)methane	8.02	93	366972	42.789	ng	99
29) 2,4-Dichlorophenol	8.14	162	271586	45.261	ng	99
30) 1,2,4-Trichlorobenzene	8.22	180	291918	44.125	ng	97
31) Naphthalene	8.31	128	913322	46.693	ng	100
32) Benzoic acid	8.07	122	121507	34.090	ng	93
33) 4-Chloroaniline	8.35	127	220105	25.821	ng	97
34) Hexachlorobutadiene	8.41	225	191402	45.701	ng	99
35) Caprolactam	8.72	113	71606m	38.080	ng	
36) 4-Chloro-3-methylphenol	8.84	107	278257	42.986	ng	97
37) 2-Methylnaphthalene	9.00	142	606329	43.813	ng	96
39) 1,2,4,5-Tetrachlorobenzene	9.16	216	314789	47.741	ng	98
40) Hexachlorocyclopentadiene	9.14	237	292552	68.692	ng	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.28	196	187061	45.717	ng	99
43) 2,4,5-Trichlorophenol	9.32	196	202475	44.953	ng	93
45) 1,1'-Biphenyl	9.46	154	743020	46.935	ng	98
46) 2-Chloronaphthalene	9.49	162	577608	46.164	ng	98
47) 2-Nitroaniline	9.59	65	187912	46.416	ng	84
48) Acenaphthylene	9.91	152	903492	45.675	ng	99
49) Dimethylphthalate	9.76	163	661976	44.260	ng	# 99
50) 2,6-Dinitrotoluene	9.83	165	144610	46.213	ng	97
51) Acenaphthene	10.08	154	507051	41.851	ng	99
52) 3-Nitroaniline	10.01	138	102352	29.895	ng	95
53) 2,4-Dinitrophenol	10.11	184	97285	82.803	ng	# 24
54) Dibenzofuran	10.25	168	789075	44.954	ng	97
55) 4-Nitrophenol	10.18	139	182332	70.327	ng	89
56) 2,4-Dinitrotoluene	10.24	165	191472	47.537	ng	# 94
57) Fluorene	10.60	166	638363	45.942	ng	98
58) 2,3,4,6-Tetrachlorophenol	10.37	232	183267	48.680	ng	# 83
59) Diethylphthalate	10.45	149	641919	44.322	ng	97
60) 4-Chlorophenyl-phenylether	10.58	204	326311	45.068	ng	92
61) 4-Nitroaniline	10.63	138	134098	39.616	ng	91
62) Azobenzene	10.74	77	654067	43.730	ng	93
64) 4,6-Dinitro-2-methylphenol	10.65	198	67975	43.460	ng	93
65) n-Nitrosodiphenylamine	10.71	169	566652	45.424	ng	96
66) 4-Bromophenyl-phenylether	11.08	248	208415	45.430	ng	# 84
67) Hexachlorobenzene	11.14	284	224065	46.420	ng	# 90
68) Atrazine	11.23	200	188290	45.001	ng	95
69) Pentachlorophenol	11.35	266	188135	81.431	ng	96
70) Phenanthrene	11.57	178	913473	45.877	ng	99
71) Anthracene	11.62	178	948594	46.482	ng	99
72) Carbazole	11.78	167	798274	44.027	ng	99
73) Di-n-butylphthalate	12.08	149	974872	47.468	ng	99
74) Fluoranthene	12.76	202	944505	43.464	ng	96
76) Benzidine	12.88	184	425840	41.211	ng	98
77) Pyrene	12.99	202	934235	53.356	ng	100
79) Butylbenzylphthalate	13.59	149	353861	50.895	ng	96
80) Benzo(a)anthracene	14.18	228	724358	45.637	ng	99
81) 3,3'-Dichlorobenzidine	14.14	252	133772	23.518	ng	# 95
82) Chrysene	14.22	228	658515	45.254	ng	99
83) Bis(2-ethylhexyl)phthalate	14.14	149	452272	48.036	ng	100
84) Di-n-octyl phthalate	14.77	149	675615	47.051	ng	97
85) Indeno(1,2,3-cd)pyrene	17.37	276	700189	55.534	ng	# 89
87) Benzo(b)fluoranthene	15.28	252	605991	44.354	ng	# 97
88) Benzo(k)fluoranthene	15.32	252	533592	42.486	ng	# 95
89) Benzo(a)pyrene	15.68	252	554693	45.338	ng	# 96
90) Dibenzo(a,h)anthracene	17.39	278	587223	58.009	ng	# 92
91) Benzo(g,h,i)perylene	17.87	276	603945	60.589	ng	# 89

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



#1

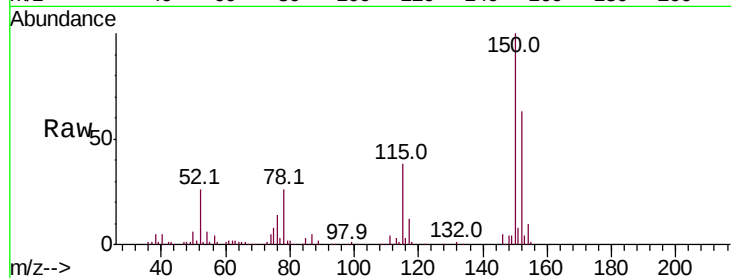
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.00 min Scan# 793
Delta R.T. -0.01 min
Lab File: BF108596.D
Acq: 29 Aug 2018 11:25

Instrument :
BNA_F
ClientSampleId :
PB112381BSD

Tot Ion	Ratio	Lower	Upper
152	100		
150	158.3	124.6	186.8
115	59.6	50.1	75.1

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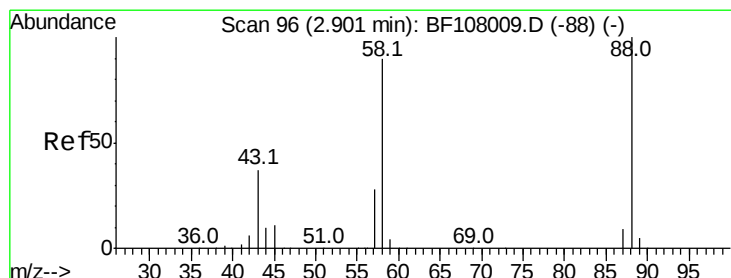
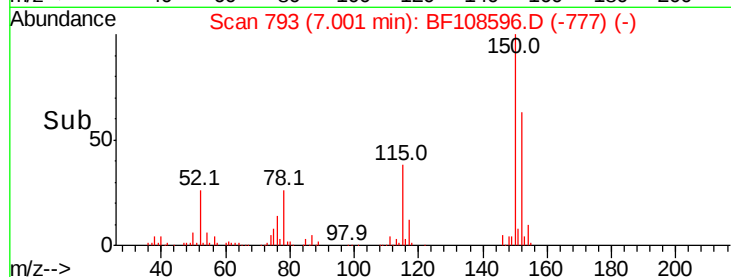
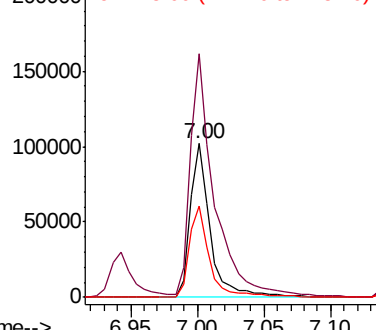


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

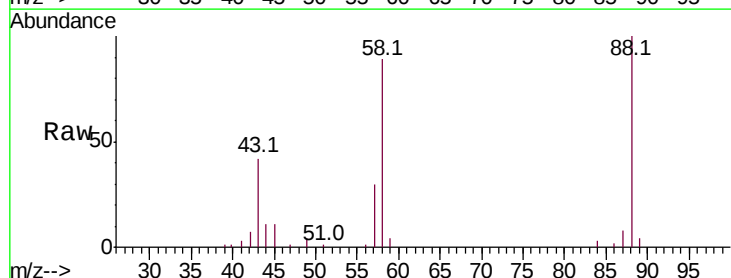
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 34.991 ng
RT: 2.98 min Scan# 109
Delta R.T. 0.11 min
Lab File: BF108596.D
Acq: 29 Aug 2018 11:25

Tgt Ion	Ratio	Lower	Upper
88	100		
58	84.1	62.6	93.8
43	30.9	24.6	37.0

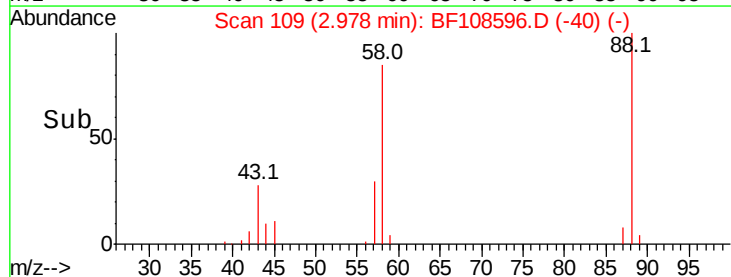
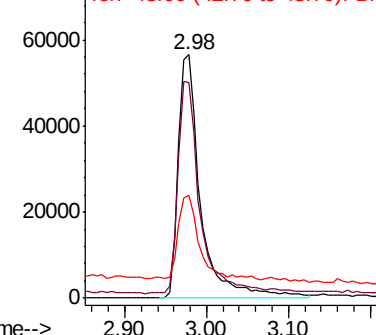


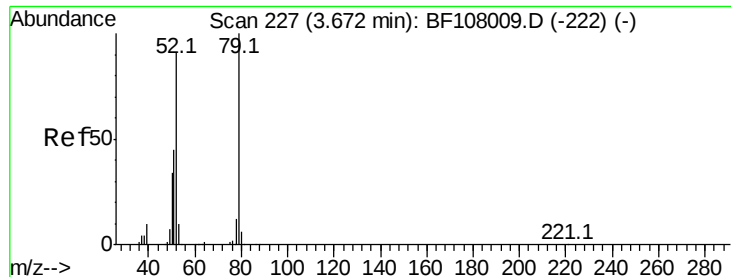
Abundance

Ion 88.00 (87.70 to 88.70): BF1

Ion 58.00 (57.70 to 58.70): BF1

Ion 43.00 (42.70 to 43.70): BF1





#3

Pvridine

Concen: 33.094 ng

RT: 3.74 min Scan# 239

Delta R.T. 0.08 min

Lab File: BF108596.D

Acq: 29 Aug 2018 11:25

Instrument :

BNA_F

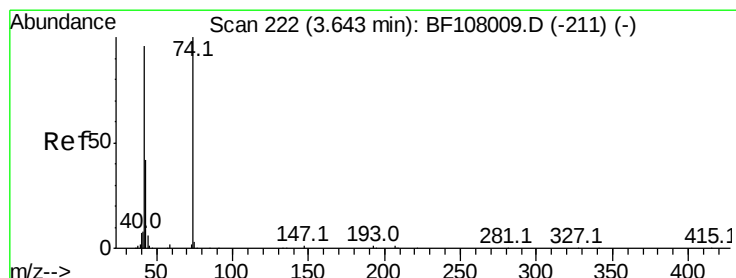
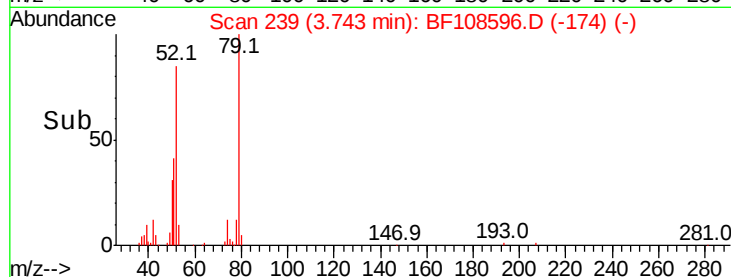
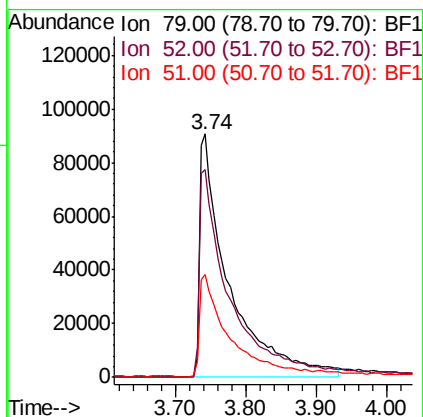
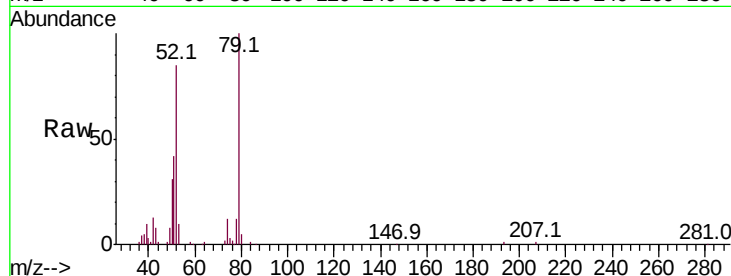
ClientSampleId :

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Tot Ion:	79	Resp:	263489
Ion Ratio	Lower	Upper	
79	100		
52	85.4	59.8	89.6
51	42.1	29.8	44.8

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#4

n-Nitrosodimethylamine

Concen: 34.334 ng

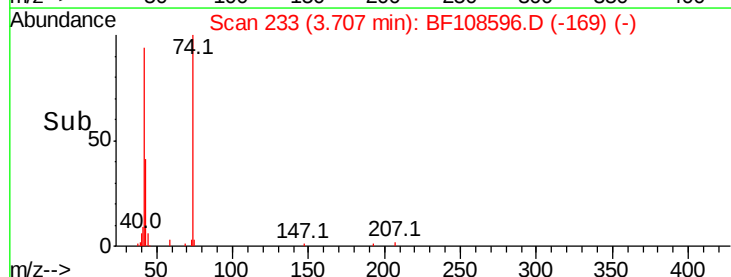
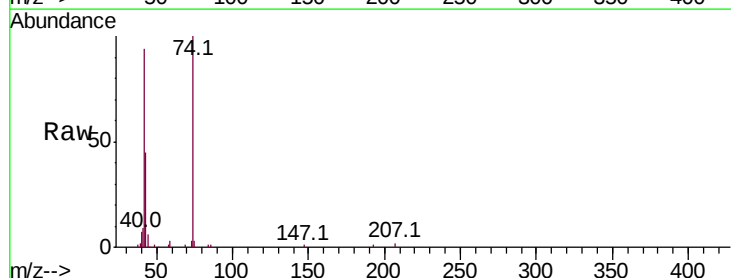
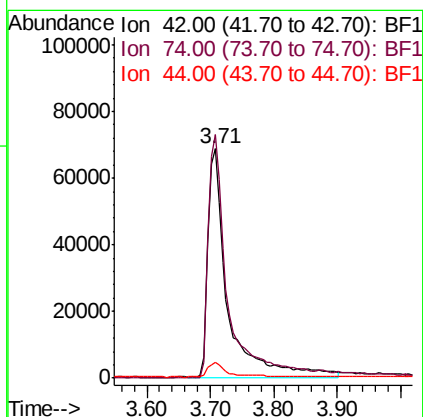
RT: 3.71 min Scan# 233

Delta R.T. 0.08 min

Lab File: BF108596.D

Acq: 29 Aug 2018 11:25

Tgt Ion:	42	Resp:	153817
Ion Ratio	Lower	Upper	
42	100		
74	106.2	104.9	157.3
44	6.9	6.9	10.3#





#5

2-Fluorophenol

Concen: 100.381 ng

RT: 5.64 min Scan# 562

Delta R.T. 0.01 min

Lab File: BF108596.D

Acq: 29 Aug 2018 11:25

Instrument :

BNA_F

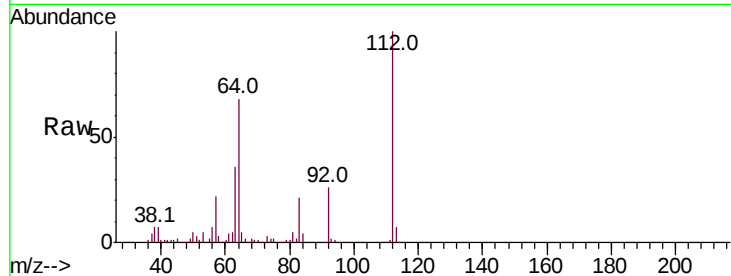
ClientSampleId :

PB112381BSD

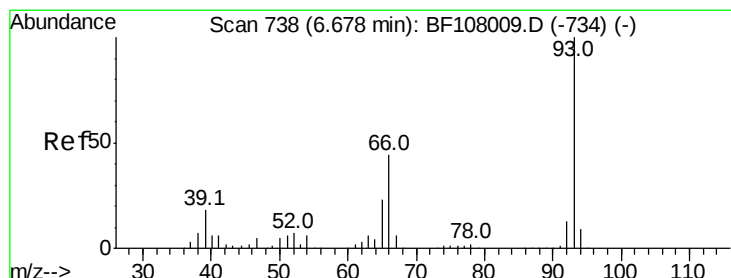
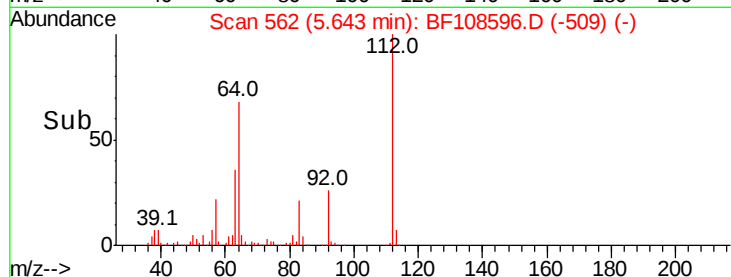
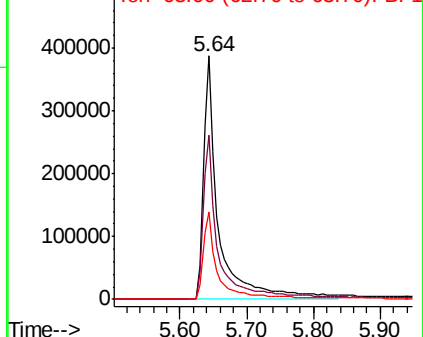
Tot Ion:	112	Resp:	603801
Ion Ratio	Lower	Upper	
112	100		
64	67.6	47.9	71.9
63	35.9	23.7	35.5#

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



#6

Aniline

Concen: 30.745 ng

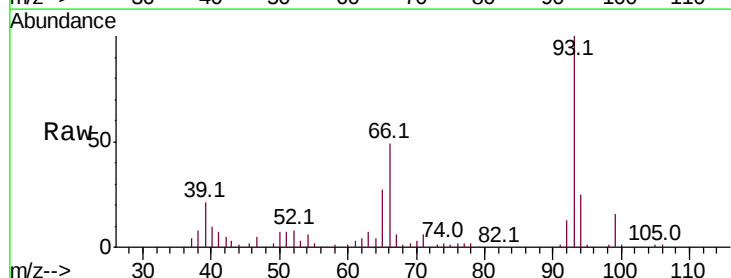
RT: 6.67 min Scan# 737

Delta R.T. -0.00 min

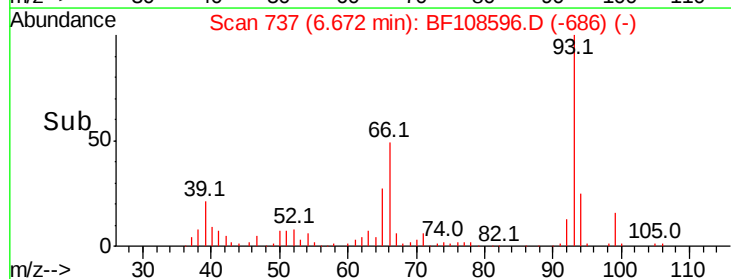
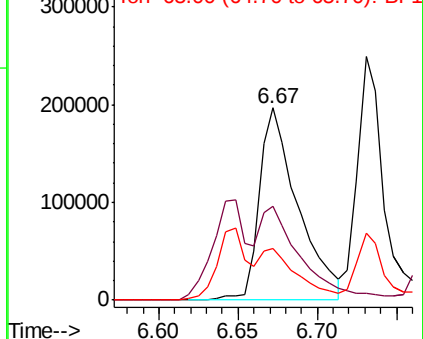
Lab File: BF108596.D

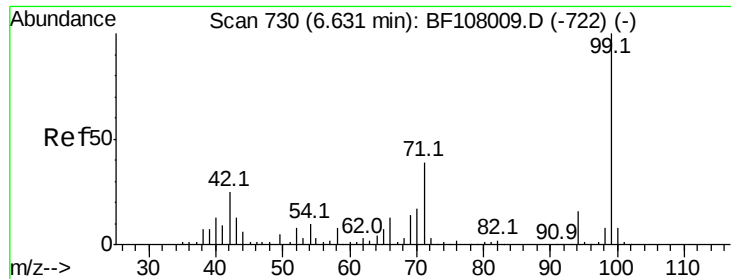
Acq: 29 Aug 2018 11:25

Tgt Ion:	93	Resp:	334272
Ion Ratio	Lower	Upper	
93	100		
66	49.0	32.2	48.2#
65	27.0	16.4	24.6#



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





#7

Phenol-d6

Concen: 103.347 ng

RT: 6.63 min Scan# 730

Delta R.T. -0.00 min

Lab File: BF108596.D

Acq: 29 Aug 2018 11:25

Instrument :

BNA_F

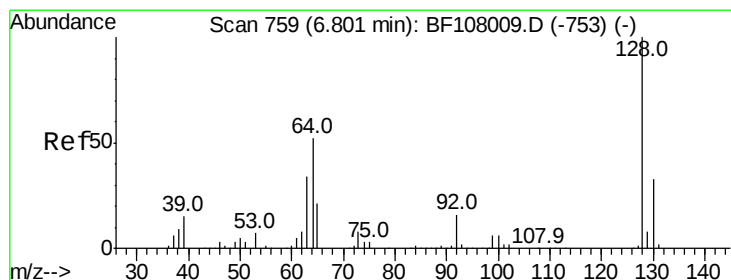
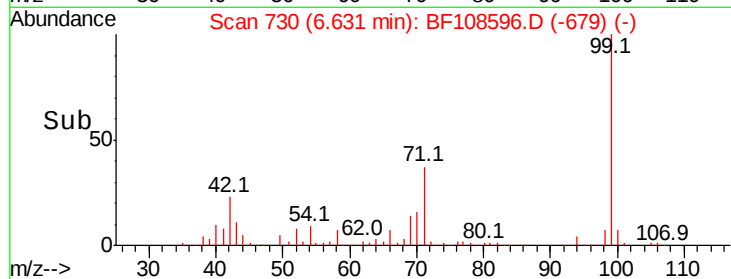
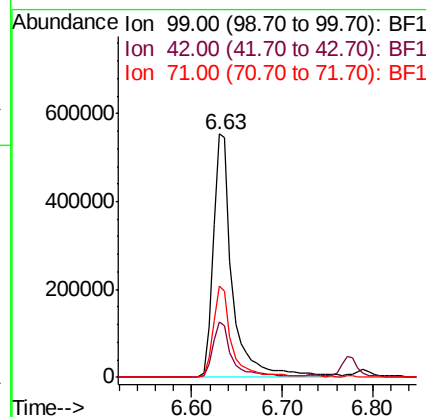
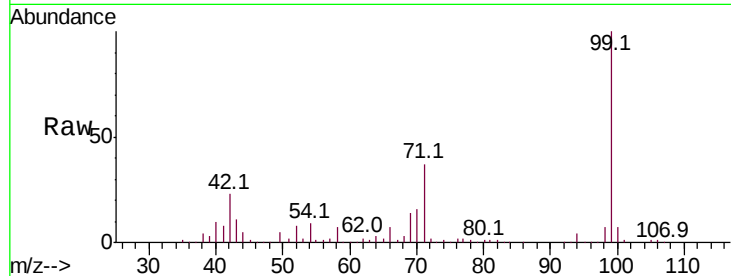
ClientSampleId :

PB112381BSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
99	100		826074		
42	22.9	14.5	21.7#		
71	37.5	25.4	38.0		

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#8

2-Chlorophenol

Concen: 44.421 ng

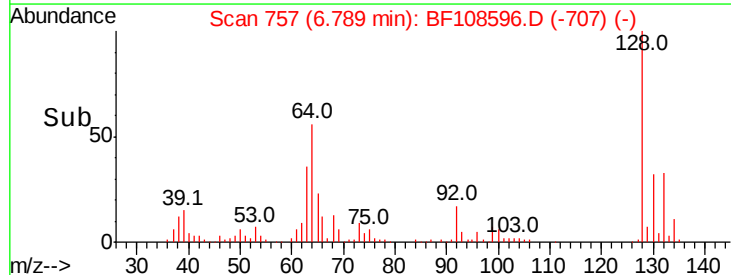
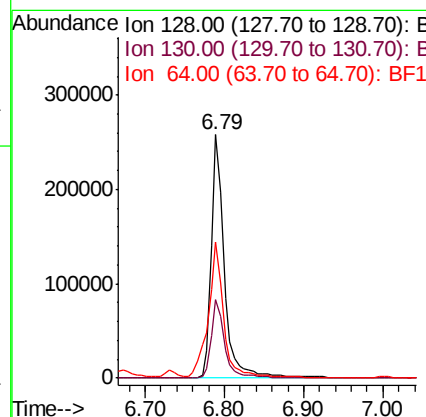
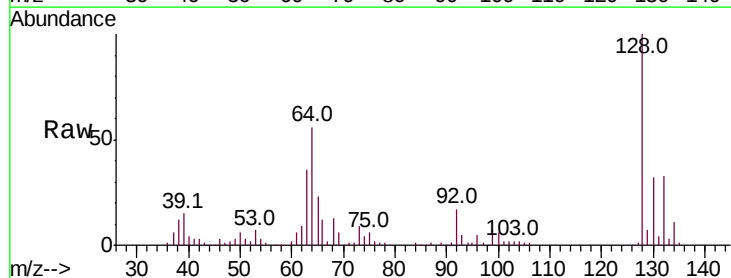
RT: 6.79 min Scan# 757

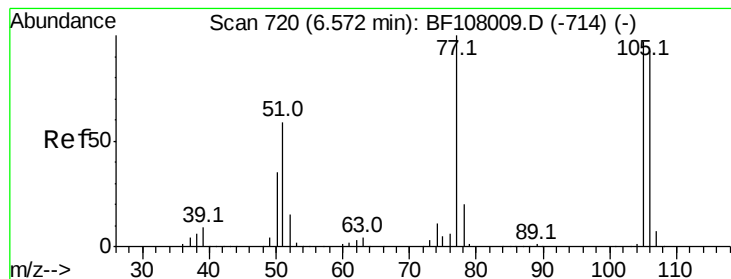
Delta R.T. -0.01 min

Lab File: BF108596.D

Acq: 29 Aug 2018 11:25

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
128	100		300936		
130	32.1	13.0	53.0		
64	55.7	29.4	69.4		





#9

Benzaldehyde

Concen: 30.721 ng

RT: 6.56 min Scan# 718

Delta R.T. -0.00 min

Lab File: BF108596.D

Acq: 29 Aug 2018 11:25

Instrument :

BNA_F

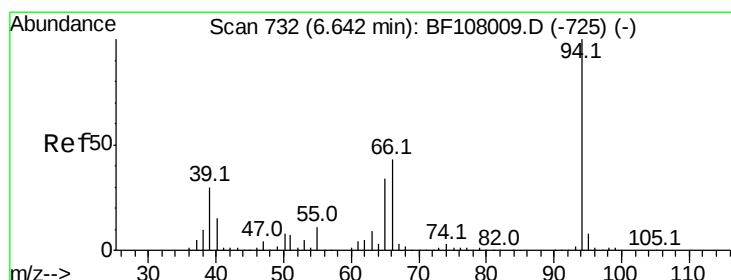
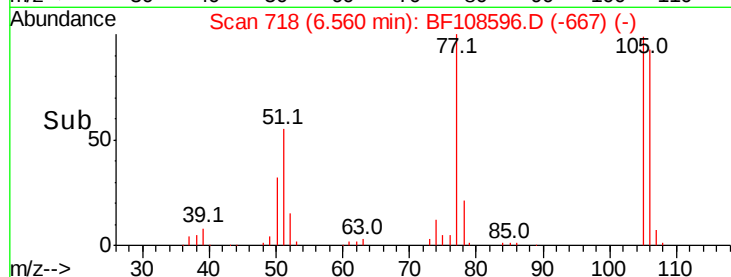
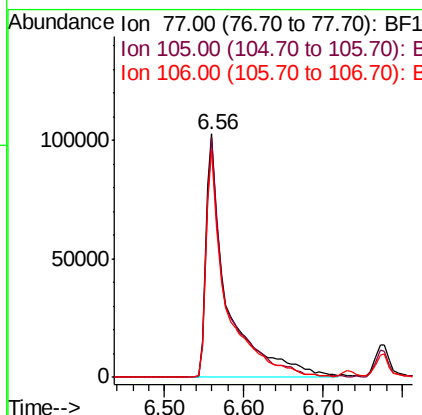
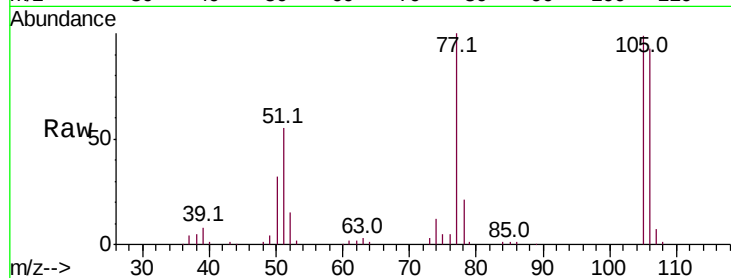
ClientSampled :

PB112381BSD

Tot Ion:	77	Resp:	190388
Ion Ratio	Lower	Upper	
77	100		
105	98.6	81.1	121.1
106	93.5	74.5	114.5

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#10

Phenol

Concen: 43.447 ng

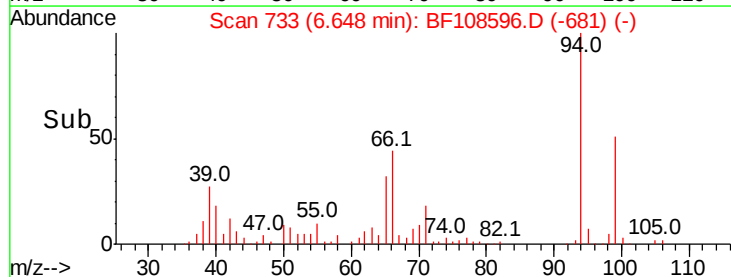
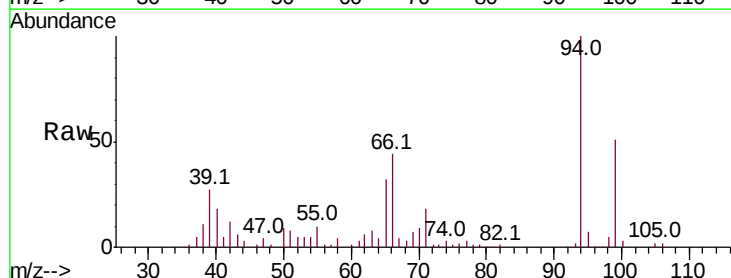
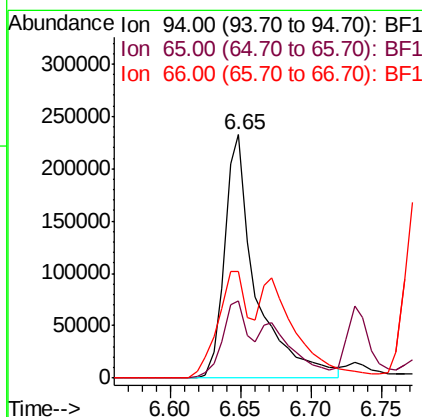
RT: 6.65 min Scan# 733

Delta R.T. 0.01 min

Lab File: BF108596.D

Acq: 29 Aug 2018 11:25

Tgt Ion:	94	Resp:	359219
Ion Ratio	Lower	Upper	
94	100		
65	31.7	7.9	47.9
66	43.9	16.2	56.2





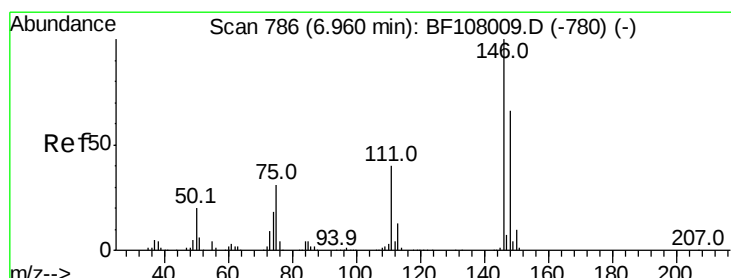
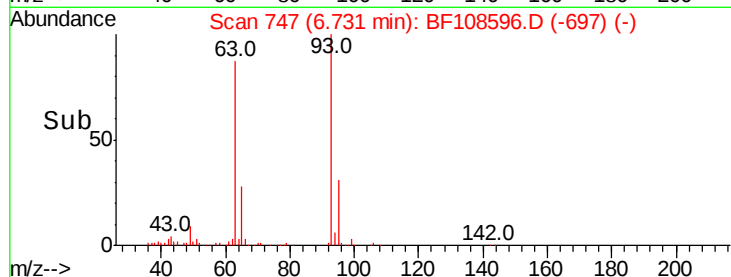
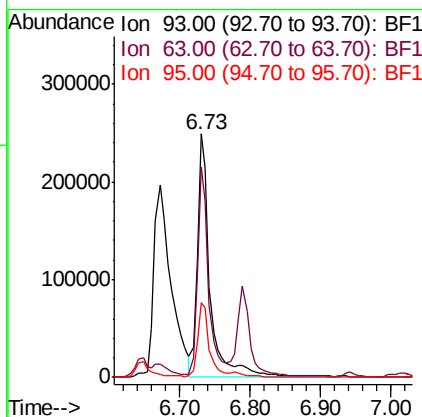
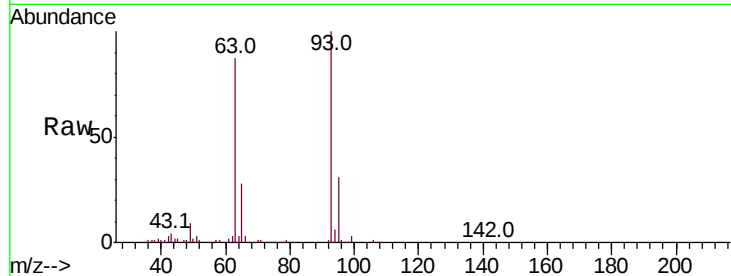
#11
bis(2-Chloroethyl)ether
Concen: 47.831 ng
RT: 6.73 min Scan# 747
Delta R.T. -0.01 min
Lab File: BF108596.D
Acq: 29 Aug 2018 11:25

Instrument :
BNA_F
ClientSampleId :
PB112381BSD

Tot Ion	Ratio	Lower	Upper
93	100		
63	86.6	58.6	98.6
95	30.9	11.8	51.8

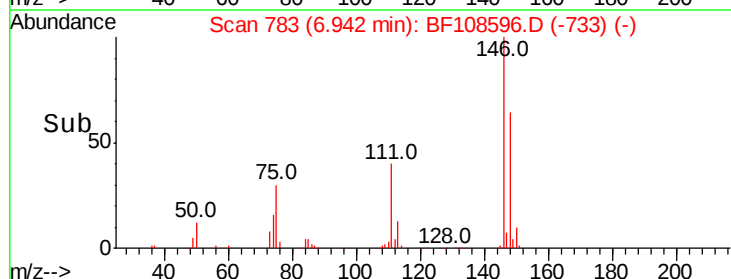
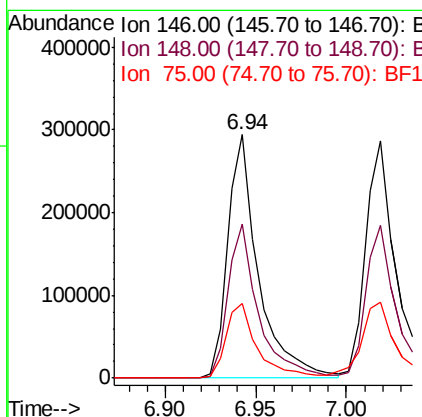
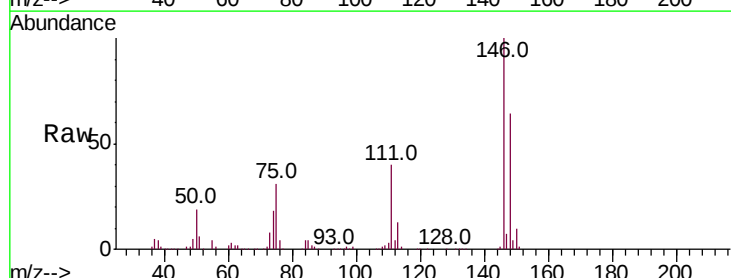
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#12
1,3-Dichlorobenzene
Concen: 44.304 ng
RT: 6.94 min Scan# 783
Delta R.T. -0.01 min
Lab File: BF108596.D
Acq: 29 Aug 2018 11:25

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.5	51.8	77.8
75	30.7	24.2	36.4





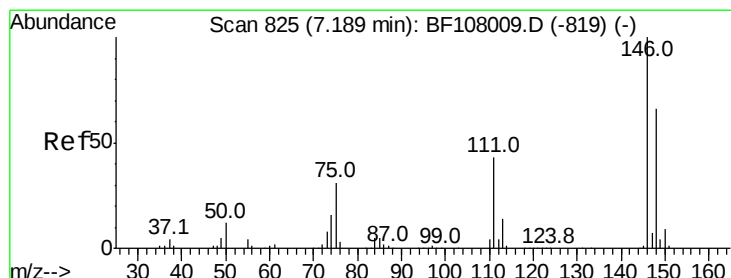
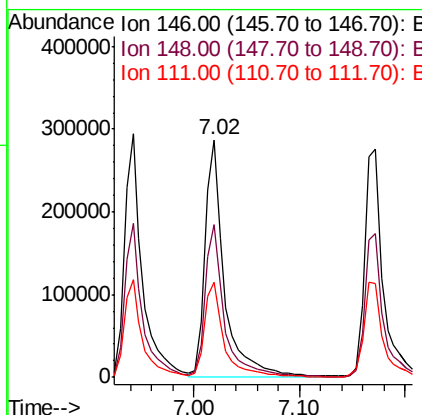
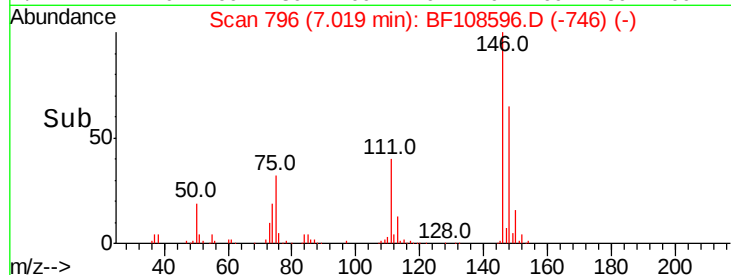
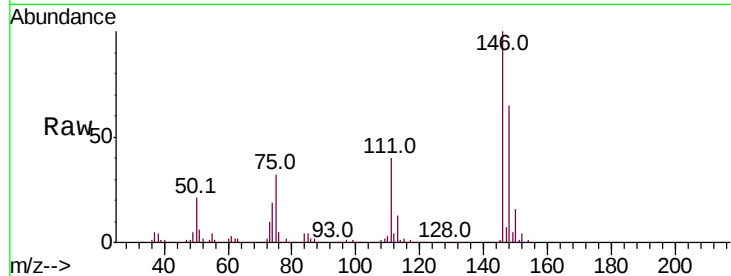
#13
 1,4-Dichlorobenzene
 Concen: 46.370 ng
 RT: 7.02 min Scan# 796
 Delta R.T. -0.01 min
 Lab File: BF108596.D
 Acq: 29 Aug 2018 11:25

Instrument :
 BNA_F
 ClientSampleId :
 PB112381BSD

Tot Ion	Ratio	Resp	Lower	Upper
146	100			
148	64.5	50.8	76.2	
111	39.8	34.2	51.2	

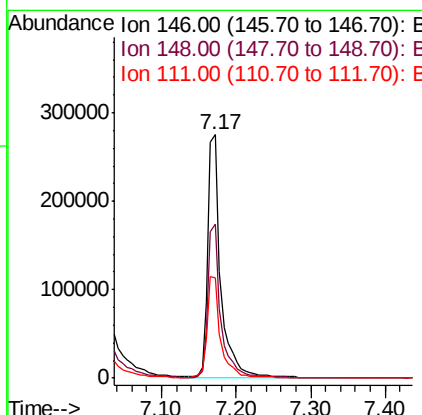
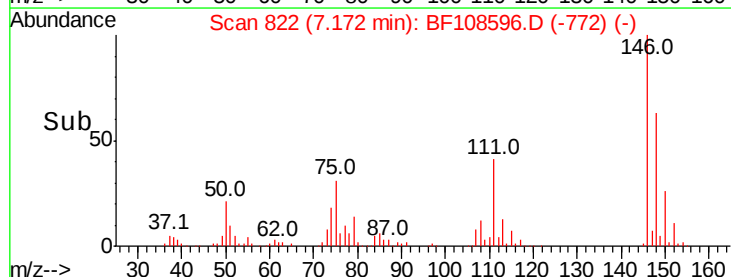
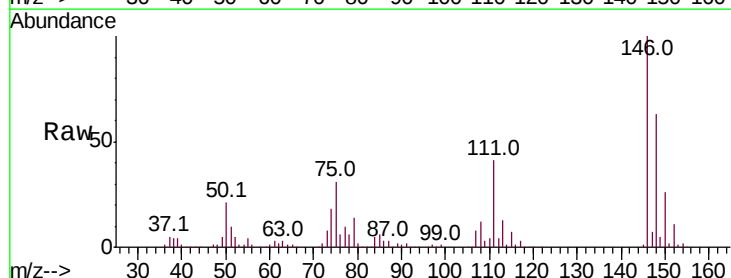
Manual Integrations
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#14
 1,2-Dichlorobenzene
 Concen: 45.947 ng
 RT: 7.17 min Scan# 822
 Delta R.T. -0.01 min
 Lab File: BF108596.D
 Acq: 29 Aug 2018 11:25

Tgt Ion	Ratio	Resp	Lower	Upper
146	100			
148	63.2	50.6	75.8	
111	41.2	36.0	54.0	





#15

Benzyl Alcohol

Concen: 36.135 ng

RT: 7.15 min Scan# 818

Delta R.T. 0.01 min

Lab File: BF108596.D

Acq: 29 Aug 2018 11:25

Instrument :

BNA_F

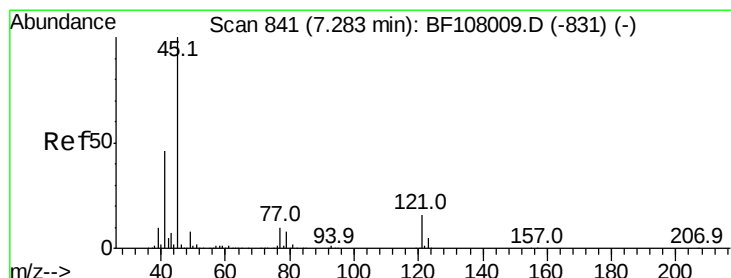
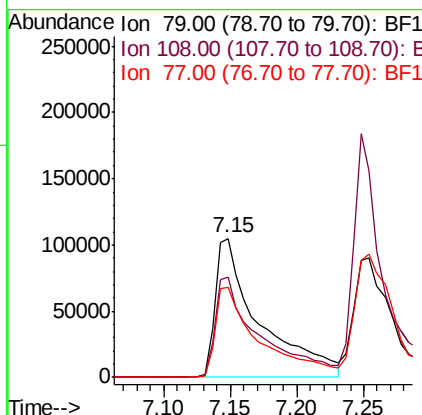
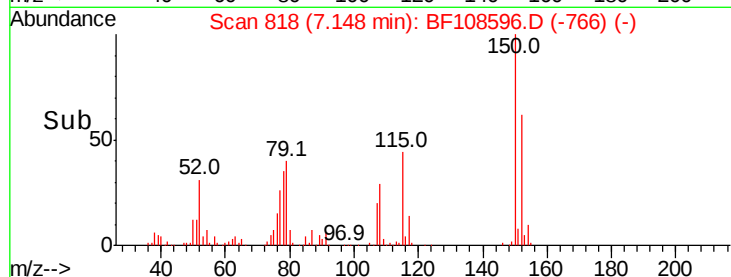
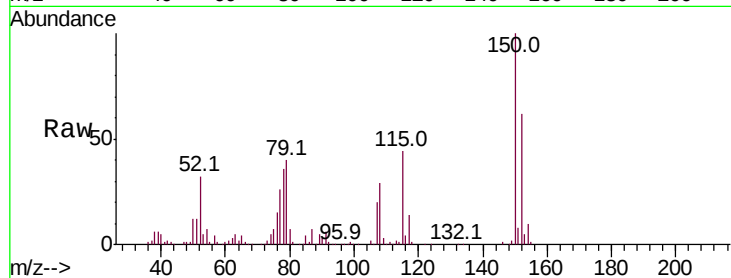
ClientSampled :

PB112381BSD

Tot Ion:	79	Resp:	243151
Ion Ratio	Lower	Upper	
79	100		
108	72.1	65.1	97.7
77	64.3	50.6	75.8

Manual Integrations
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#16

2,2'-oxybis(1-chloropropane)

Concen: 39.099 ng

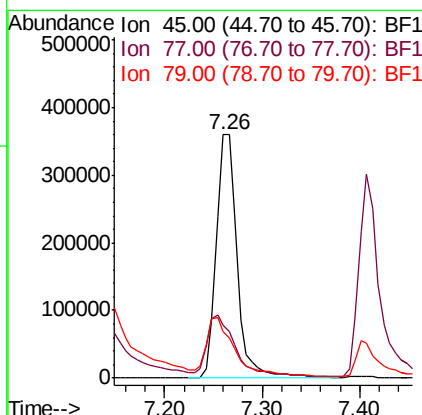
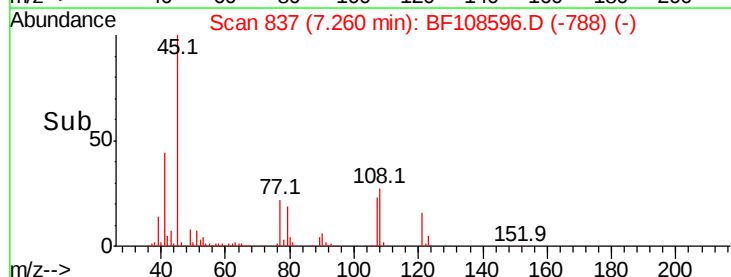
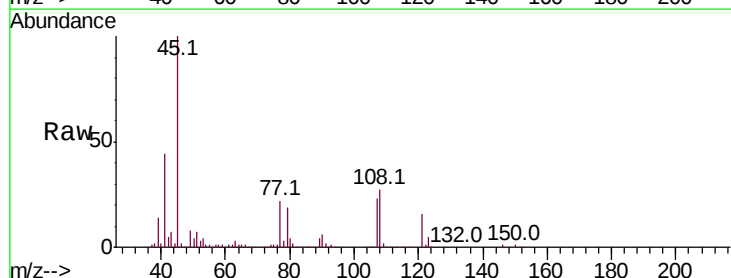
RT: 7.26 min Scan# 837

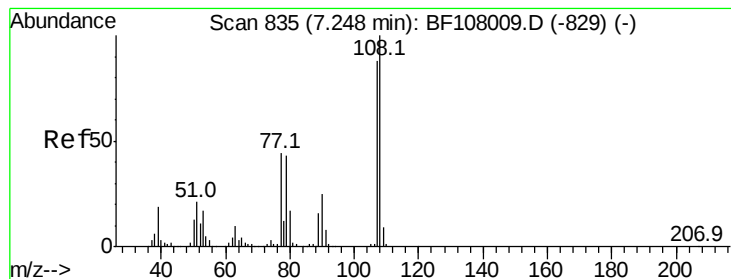
Delta R.T. -0.01 min

Lab File: BF108596.D

Acq: 29 Aug 2018 11:25

Tgt Ion:	45	Resp:	538399
Ion Ratio	Lower	Upper	
45	100		
77	21.7	0.0	32.9
79	19.2	0.0	29.6





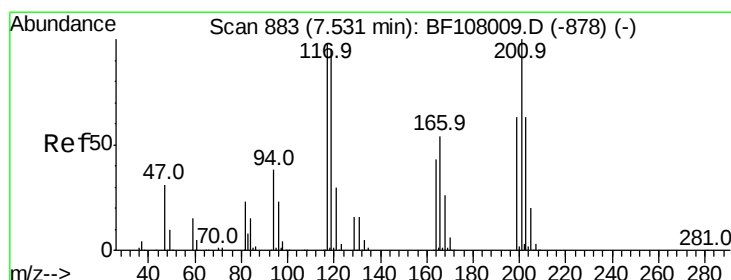
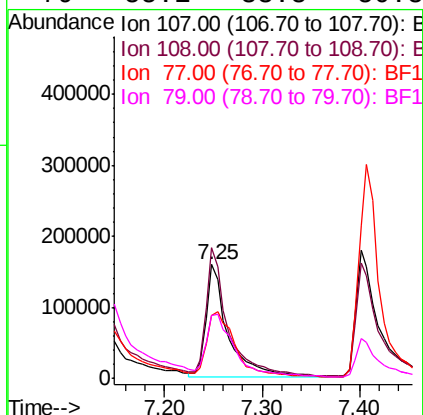
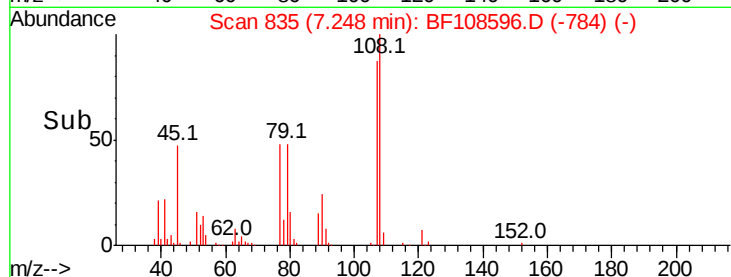
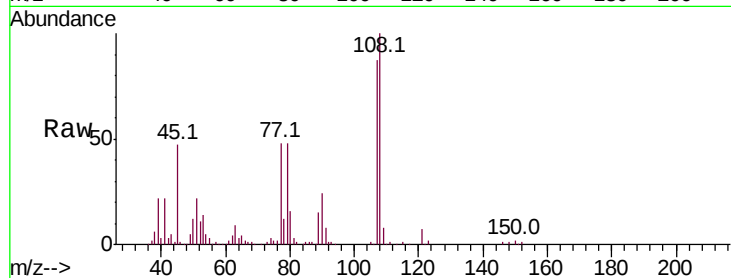
#17
2-Methylphenol
Concen: 43.196 ng
RT: 7.25 min Scan# 835
Delta R.T. -0.00 min
Lab File: BF108596.D
Acq: 29 Aug 2018 11:25

Instrument :
BNA_F
ClientSampleId :
PB112381BSD

Tot Ion	Ratio	Resp Lower	Upper
107	100		
108	115.0	91.7	137.5
77	55.3	33.8	50.8#
79	55.1	33.8	50.8#

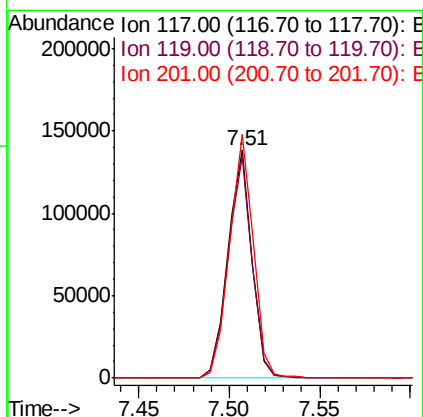
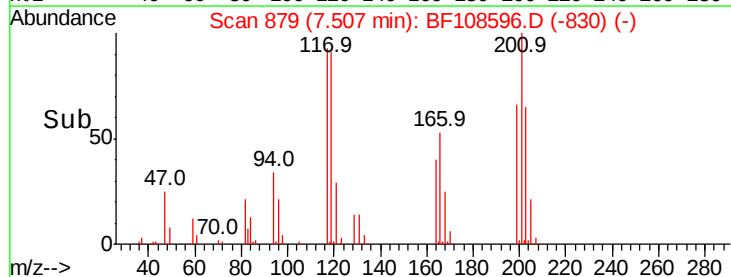
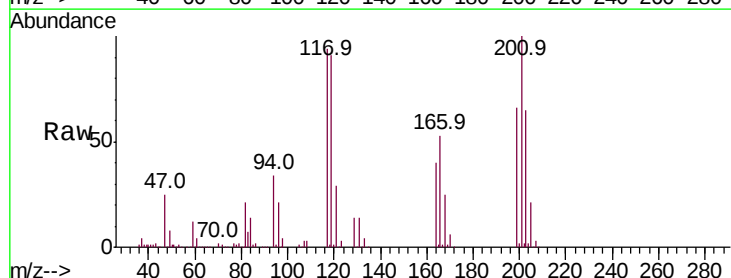
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#18
Hexachloroethane
Concen: 45.360 ng
RT: 7.51 min Scan# 879
Delta R.T. -0.01 min
Lab File: BF108596.D
Acq: 29 Aug 2018 11:25

Tgt Ion	Ratio	Resp Lower	Upper
117	100		
119	97.3	75.8	113.8
201	106.8	75.7	113.5





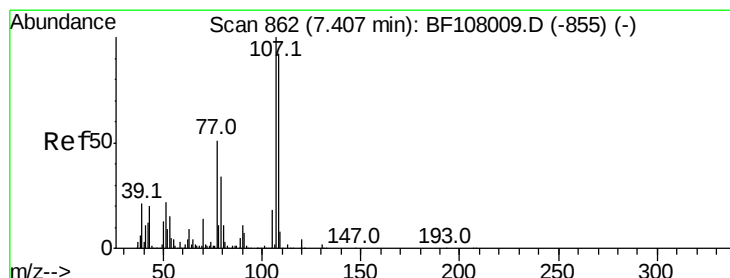
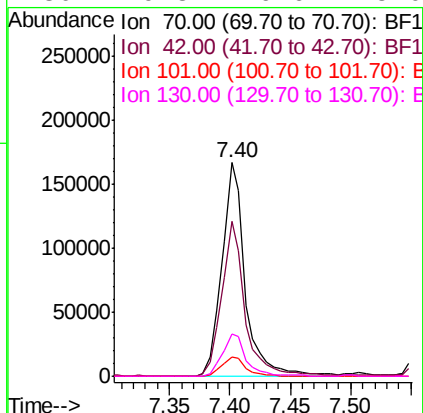
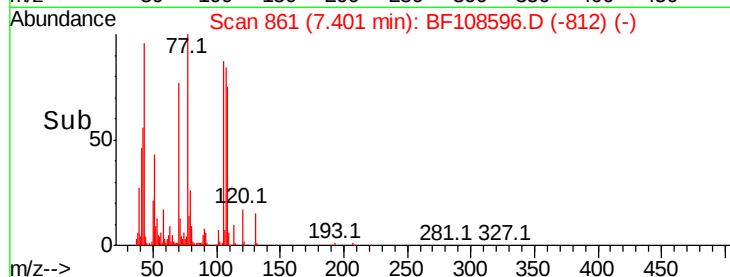
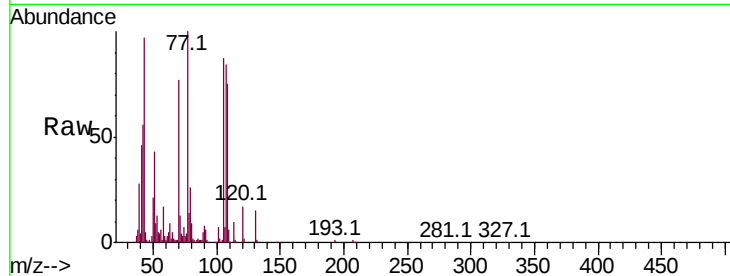
#19
n-Nitroso-di-n-propylamine
Concen: 41.168 ng
RT: 7.40 min Scan# 861
Delta R.T. -0.01 min
Lab File: BF108596.D
Acq: 29 Aug 2018 11:25

Instrument :
BNA_F
ClientSampleId :
PB112381BSD

Tot Ion	Ratio	Lower	Upper
70	100		
42	72.5	47.5	71.3#
101	9.3	7.4	11.2
130	19.8	16.6	25.0

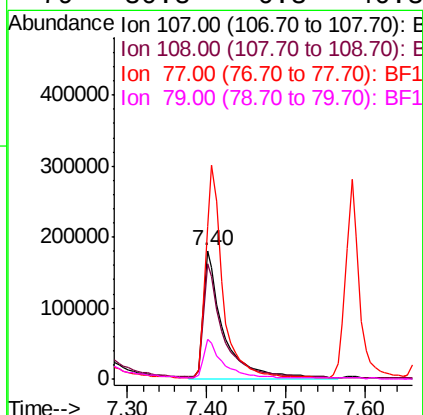
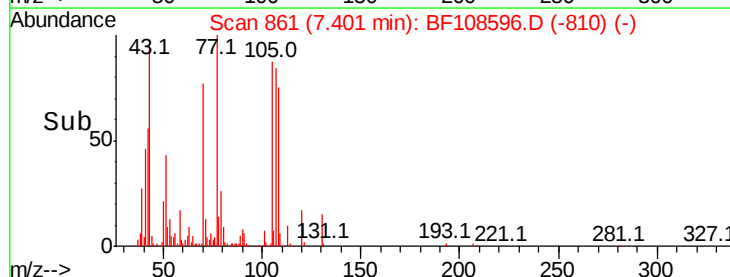
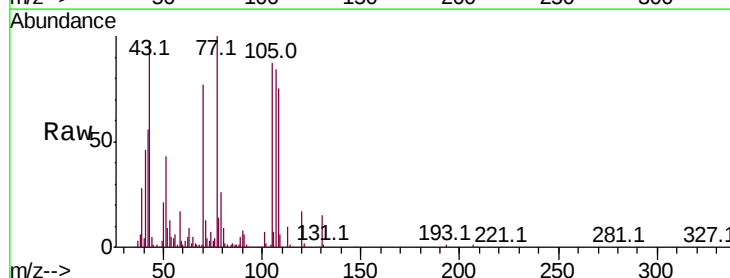
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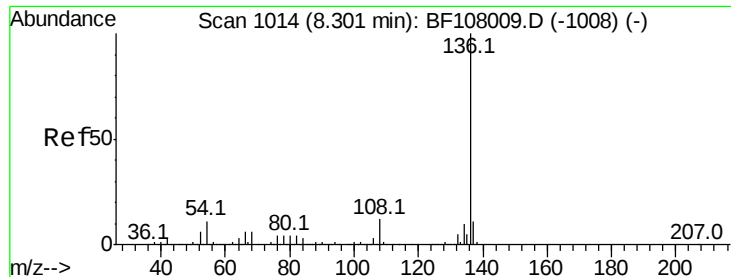
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#20
3+4-Methylphenols
Concen: 43.374 ng
RT: 7.40 min Scan# 861
Delta R.T. -0.00 min
Lab File: BF108596.D
Acq: 29 Aug 2018 11:25

Tgt Ion	Ratio	Lower	Upper
107	100		
108	89.5	68.2	108.2
77	119.3	26.7	66.7#
79	30.8	6.3	46.3





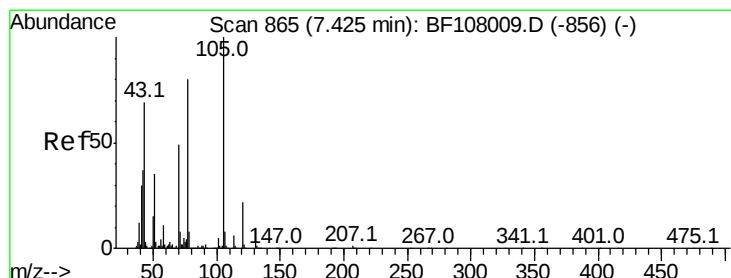
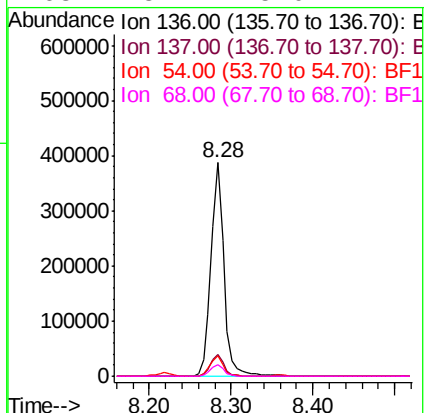
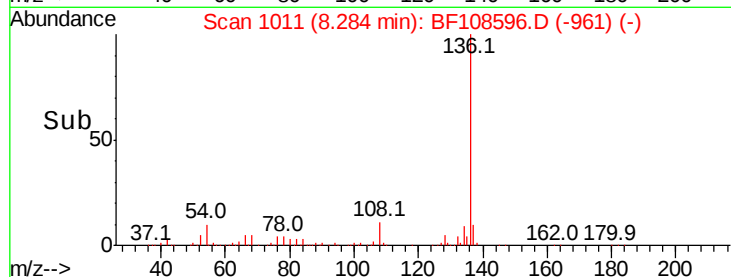
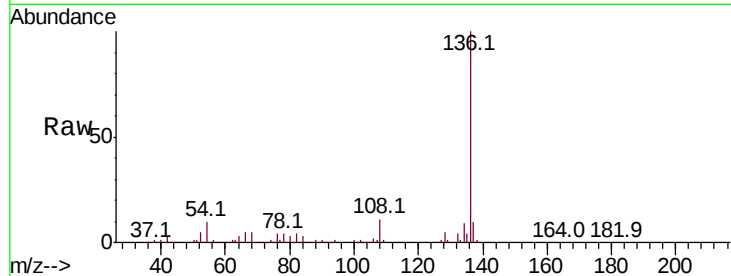
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.28 min Scan# 1011
Delta R.T. -0.01 min
Lab File: BF108596.D
Acq: 29 Aug 2018 11:25

Instrument :
BNA_F
ClientSampleId :
PB112381BSD

Tot Ion	Ratio	Resp	Lower	Upper
136	100			
137	10.5	8.9	13.3	
54	9.6	6.6	9.8	
68	5.4	5.0	7.4	

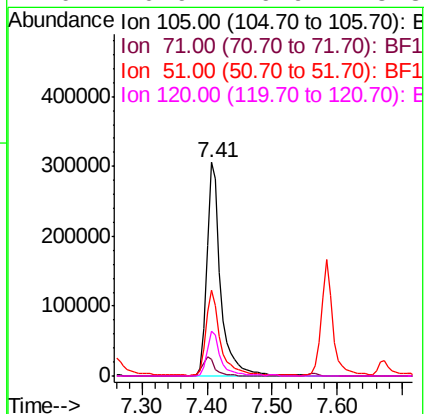
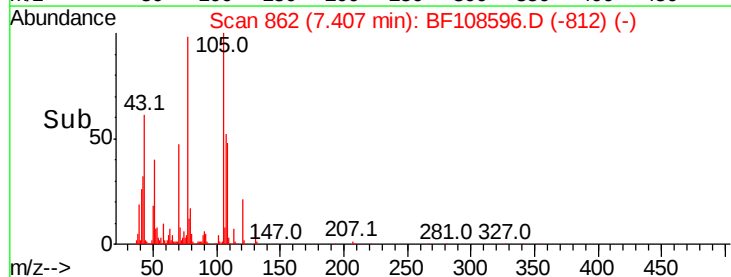
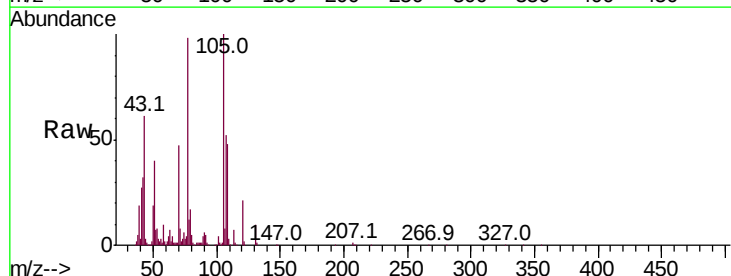
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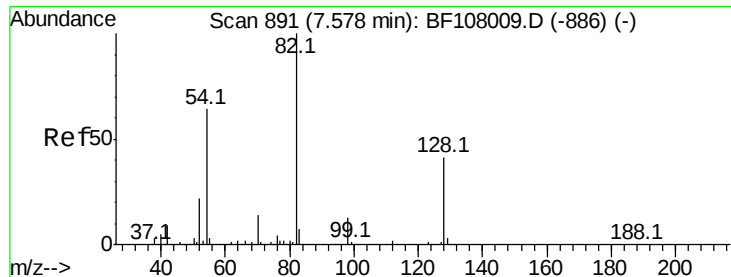
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#22
Acetophenone
Concen: 44.641 ng
RT: 7.41 min Scan# 862
Delta R.T. -0.01 min
Lab File: BF108596.D
Acq: 29 Aug 2018 11:25

Tgt Ion	Ratio	Resp	Lower	Upper
105	100			
71	7.8	4.4	6.6#	
51	40.4	22.3	33.5#	
120	20.9	16.9	25.3	





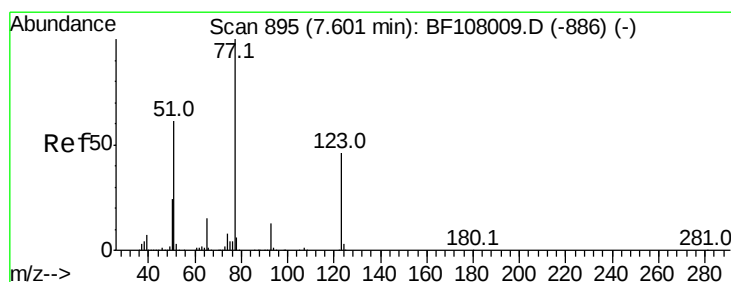
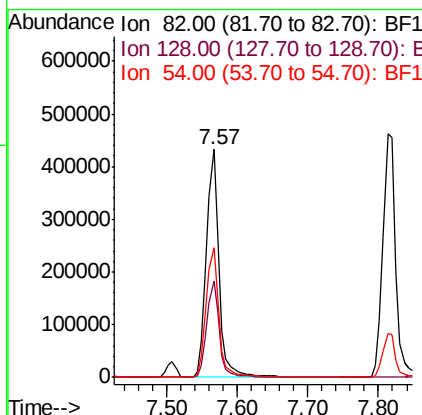
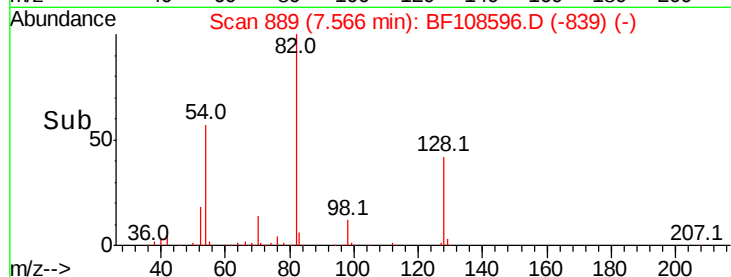
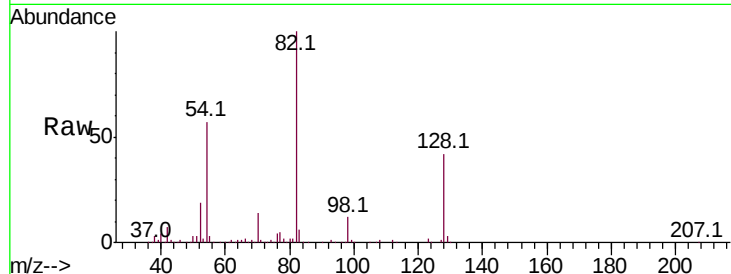
#23
Nitrobenzene-d5
Concen: 70.327 ng
RT: 7.57 min Scan# 889
Delta R.T. -0.01 min
Lab File: BF108596.D
Acq: 29 Aug 2018 11:25

Instrument :
BNA_F
ClientSampleId :
PB112381BSD

Tot Ion	Ratio	Lower	Upper
82	100		
128	42.1	36.1	54.1
54	57.1	41.4	62.2

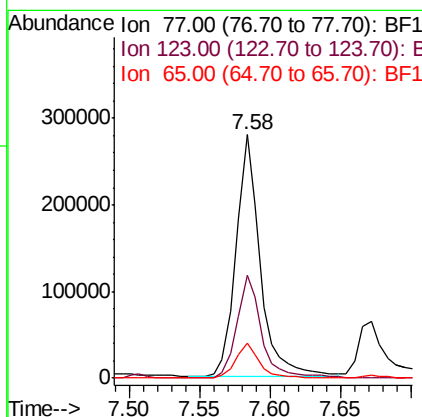
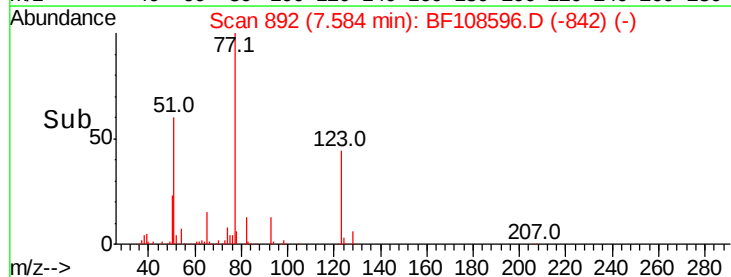
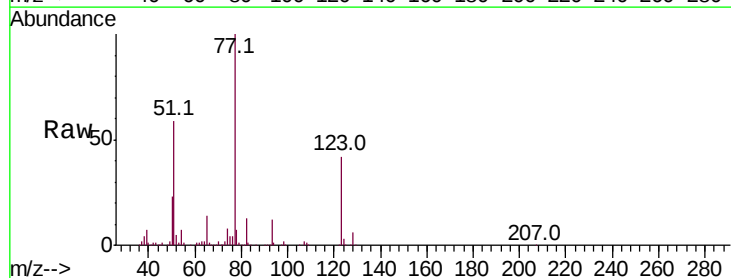
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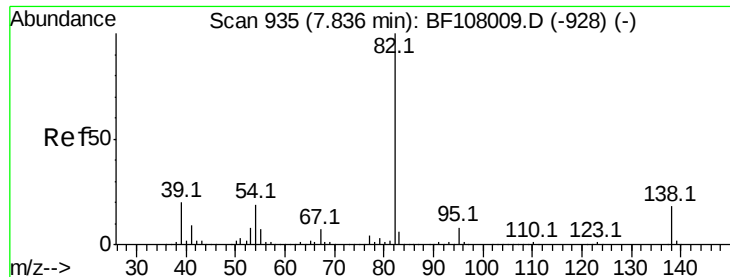
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#24
Nitrobenzene
Concen: 43.079 ng
RT: 7.58 min Scan# 892
Delta R.T. -0.01 min
Lab File: BF108596.D
Acq: 29 Aug 2018 11:25

Tgt Ion	Ratio	Lower	Upper
77	100		
123	42.2	37.9	56.9
65	14.3	11.0	16.4





#25

Isophorone

Concen: 40.463 ng

RT: 7.81 min Scan# 931

Delta R.T. -0.01 min

Lab File: BF108596.D

Acq: 29 Aug 2018 11:25

Instrument :

BNA_F

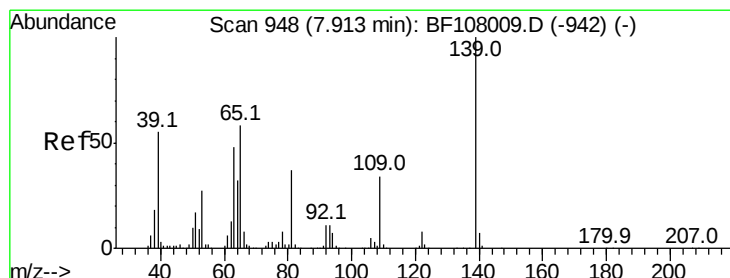
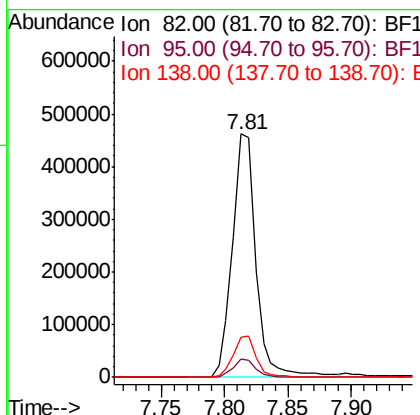
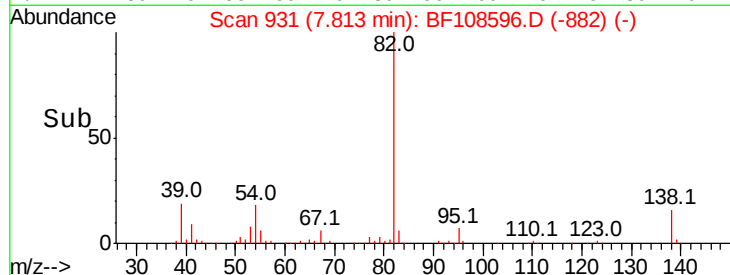
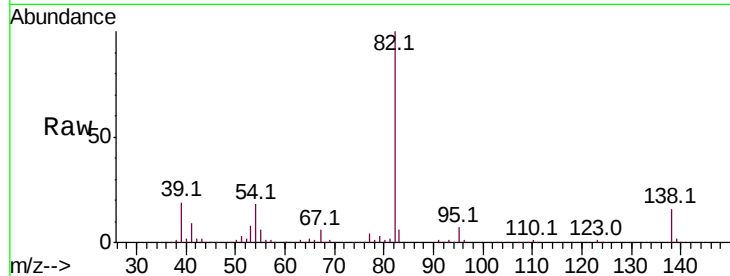
ClientSampleId :

PB112381BSD

Tot Ion:	82	Resp:	594448
Ion Ratio	Lower	Upper	
82	100		
95	7.4	5.2	7.8
138	16.3	14.9	22.3

Manual Integrations
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#26

2-Nitrophenol

Concen: 51.285 ng

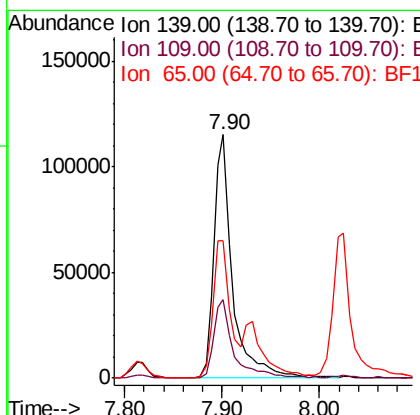
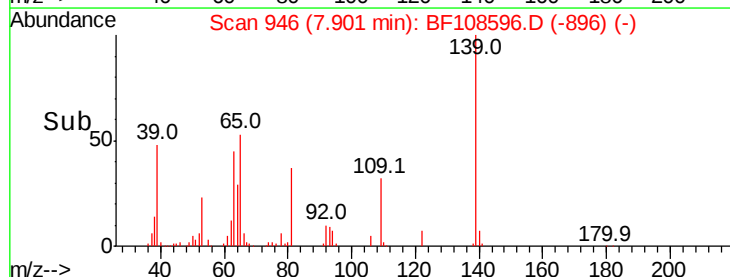
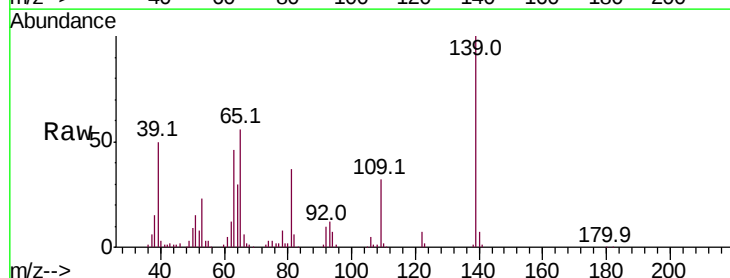
RT: 7.90 min Scan# 946

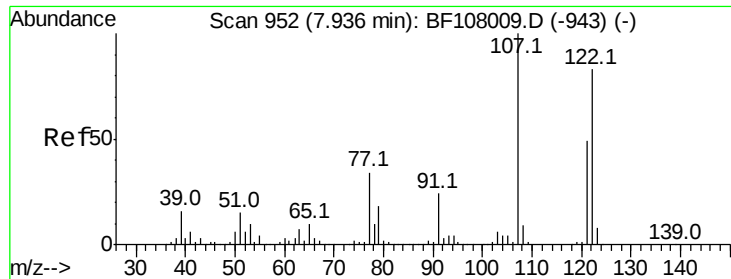
Delta R.T. -0.01 min

Lab File: BF108596.D

Acq: 29 Aug 2018 11:25

Tgt Ion:	139	Resp:	150954
Ion Ratio	Lower	Upper	
139	100		
109	32.1	22.7	34.1
65	56.3	40.5	60.7





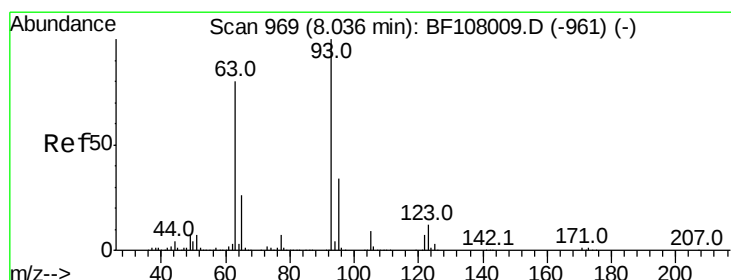
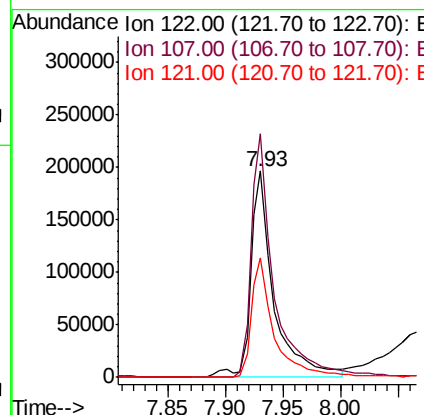
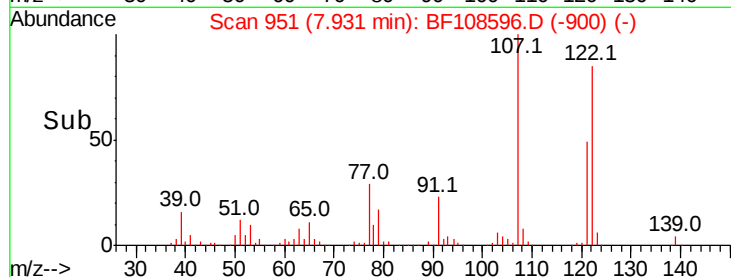
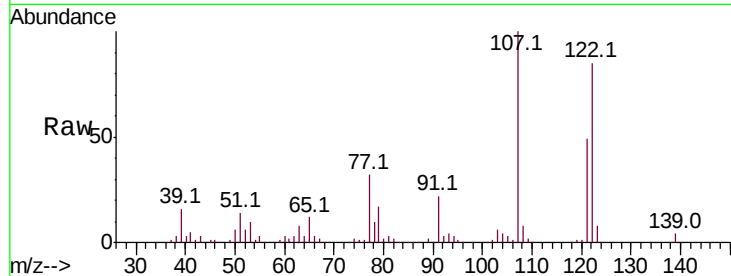
#27
2,4-Dimethylphenol
Concen: 41.688 ng
RT: 7.93 min Scan# 951
Delta R.T. -0.00 min
Lab File: BF108596.D
Acq: 29 Aug 2018 11:25

Instrument :
BNA_F
ClientSampleId :
PB112381BSD

Tot Ion	Ratio	Lower	Upper
122	100		
107	118.1	91.2	136.8
121	58.1	47.2	70.8

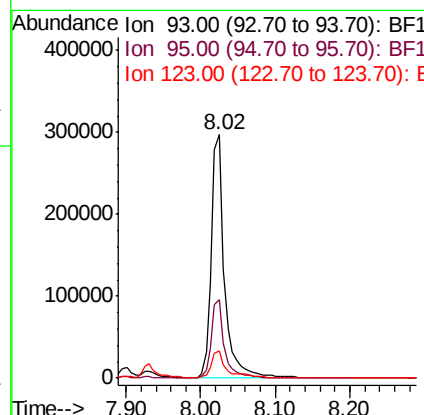
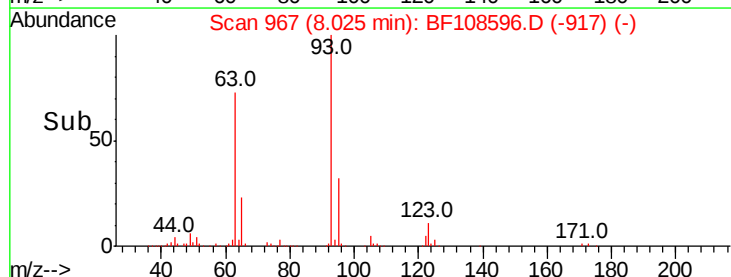
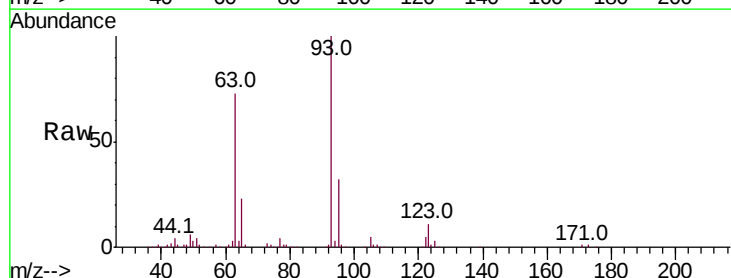
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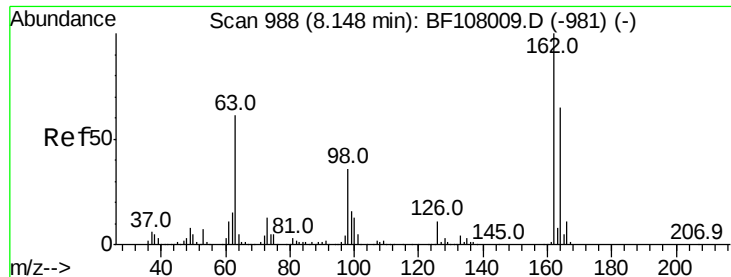
Sohil
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#28
bis(2-Chloroethoxy)methane
Concen: 42.789 ng
RT: 8.02 min Scan# 967
Delta R.T. -0.01 min
Lab File: BF108596.D
Acq: 29 Aug 2018 11:25

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.2	26.3	39.5
123	11.4	9.8	14.6





#29

2,4-Dichlorophenol

Concen: 45.261 ng

RT: 8.14 min Scan# 987

Delta R.T. -0.00 min

Lab File: BF108596.D

Acq: 29 Aug 2018 11:25

Instrument :

BNA_F

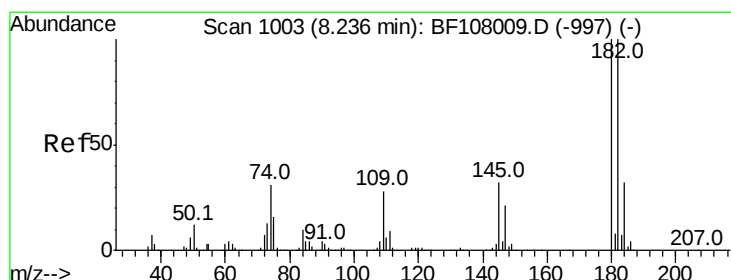
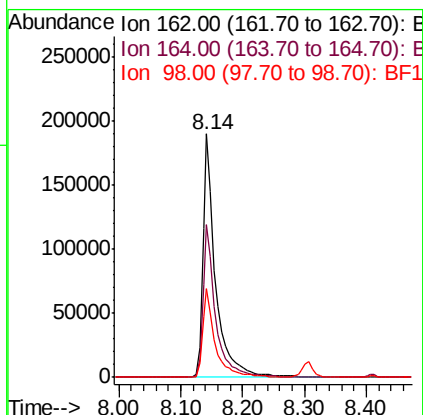
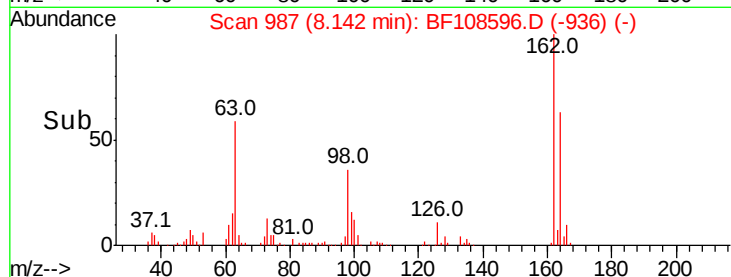
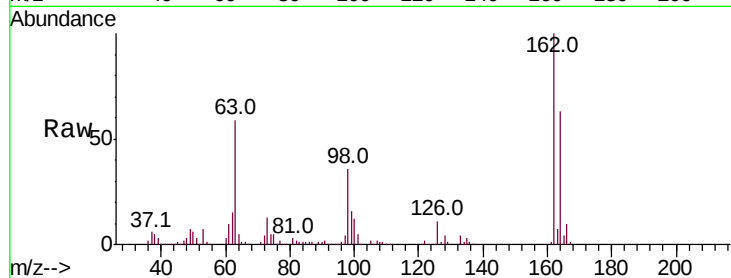
ClientSampleId :

PB112381BSD

Tot Ion:	162	Resp:	271586
Ion Ratio	Lower	Upper	
162	100		
164	62.6	42.7	82.7
98	36.4	18.1	58.1

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#30

1,2,4-Trichlorobenzene

Concen: 44.125 ng

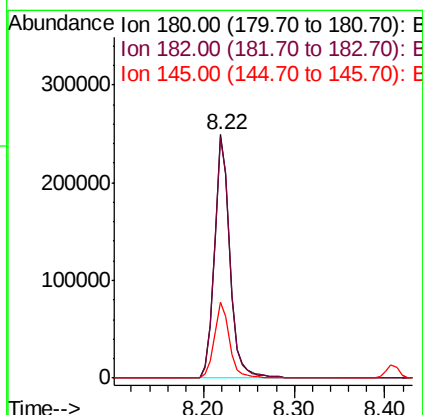
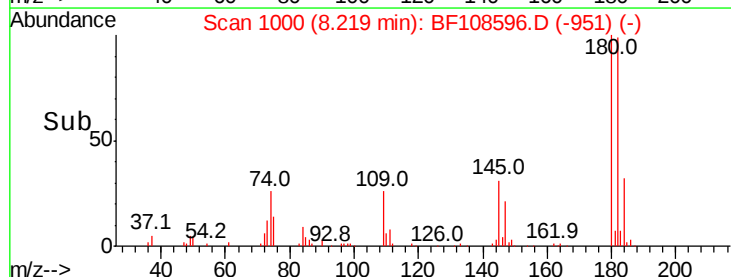
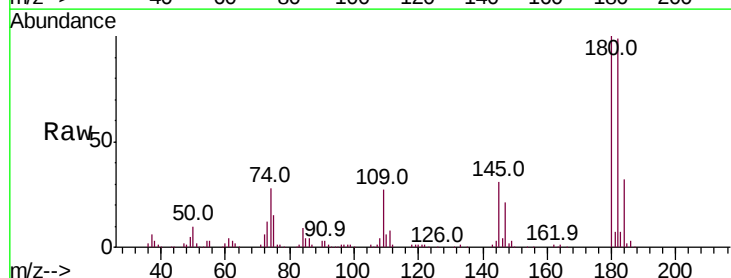
RT: 8.22 min Scan# 1000

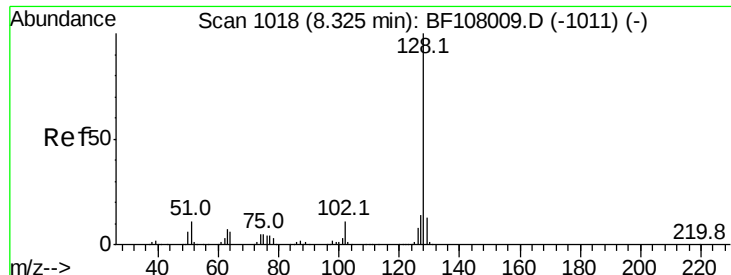
Delta R.T. -0.01 min

Lab File: BF108596.D

Acq: 29 Aug 2018 11:25

Tgt Ion:	180	Resp:	291918
Ion Ratio	Lower	Upper	
180	100		
182	99.2	76.8	115.2
145	31.1	26.5	39.7





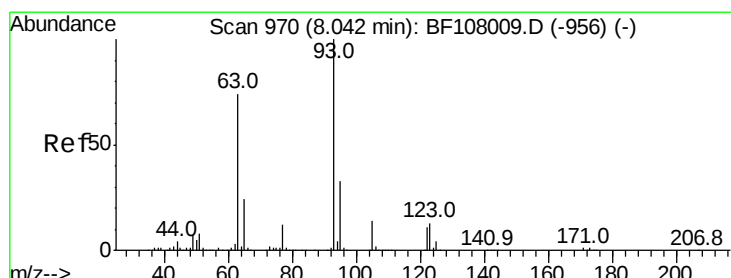
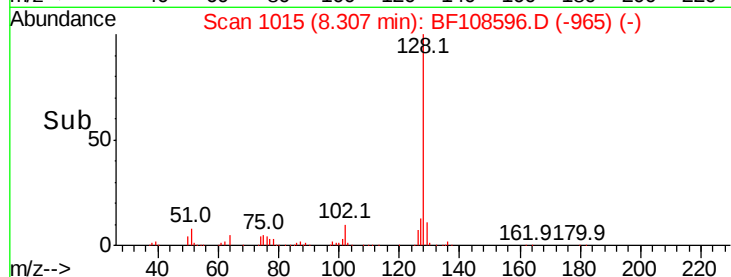
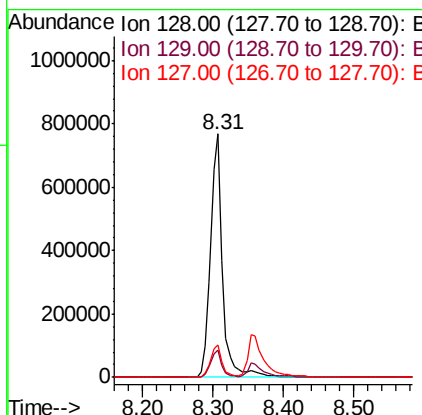
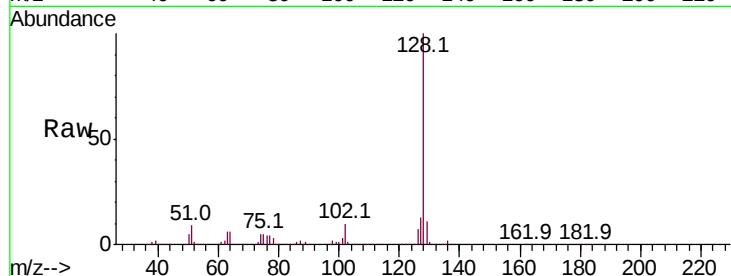
#31
Naphthalene
Concen: 46.693 ng
RT: 8.31 min Scan# 1015
Delta R.T. -0.01 min
Lab File: BF108596.D
Acq: 29 Aug 2018 11:25

Instrument :
BNA_F
ClientSampleId :
PB112381BSD

Tot Ion	Ratio	Resp	Lower	Upper
128	100			
129	11.2	8.8	13.2	
127	13.5	10.9	16.3	

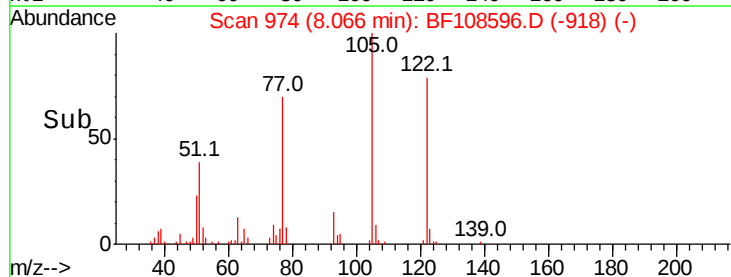
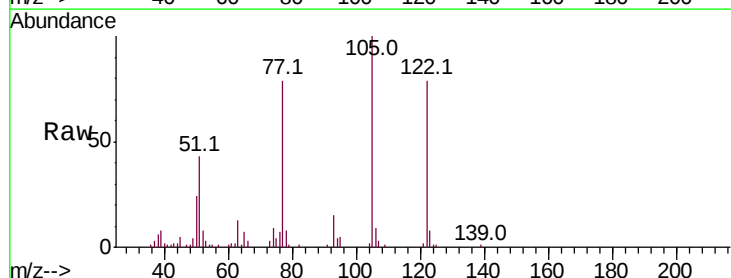
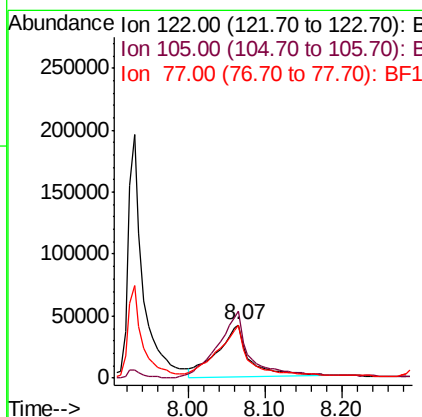
Manual Integrations
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#32
Benzoic acid
Concen: 34.090 ng
RT: 8.07 min Scan# 974
Delta R.T. 0.03 min
Lab File: BF108596.D
Acq: 29 Aug 2018 11:25

Tgt Ion	Ratio	Resp	Lower	Upper
122	100			
105	127.0	101.1	141.1	
77	99.8	70.7	110.7	





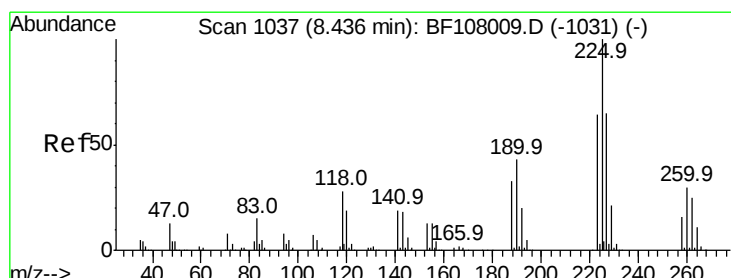
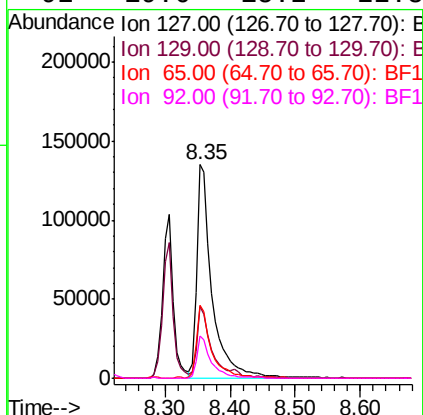
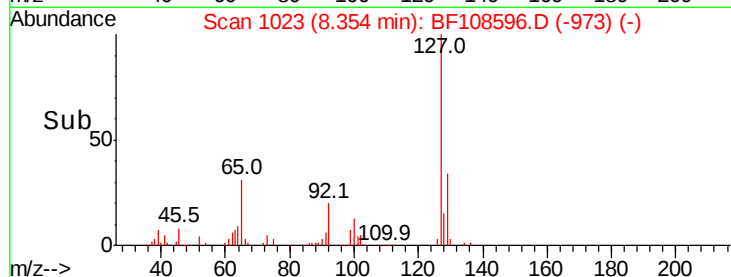
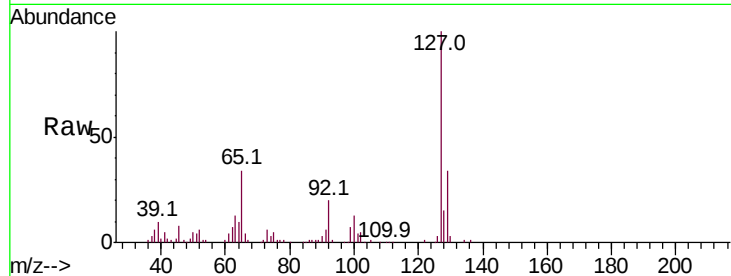
#33
4-Chloroaniline
Concen: 25.821 ng
RT: 8.35 min Scan# 1023
Delta R.T. -0.01 min
Lab File: BF108596.D
Acq: 29 Aug 2018 11:25

Instrument :
BNA_F
ClientSampleId :
PB112381BSD

Tot Ion	Ratio	Resp Lower	Upper
127	100		
129	33.8	25.9	38.9
65	34.3	25.0	37.4
92	19.6	15.2	22.8

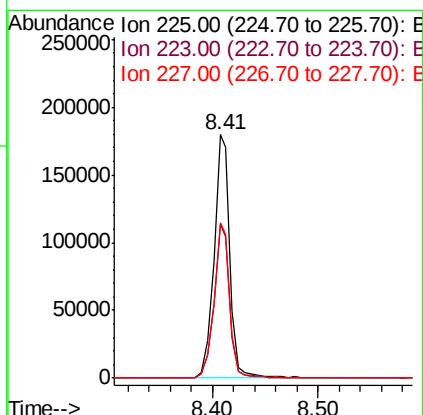
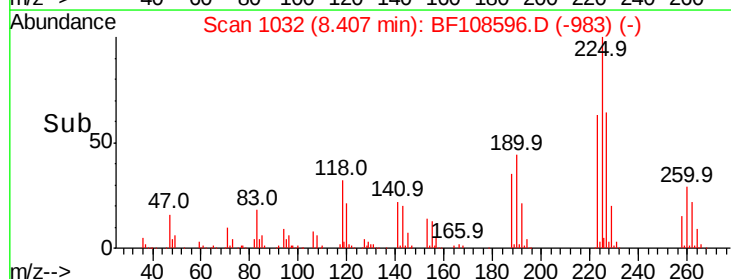
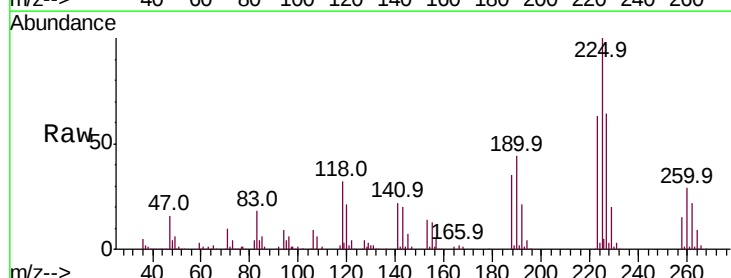
Manual Integrations
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#34
Hexachlorobutadiene
Concen: 45.701 ng
RT: 8.41 min Scan# 1032
Delta R.T. -0.01 min
Lab File: BF108596.D
Acq: 29 Aug 2018 11:25

Tgt Ion	Ratio	Resp Lower	Upper
225	100		
223	63.3	50.6	76.0
227	64.0	51.9	77.9





#35

Caprolactam

Concen: 38.080 ng/ml

RT: 8.72 min Scan# 1086

Delta R.T. -0.01 min

Lab File: BF108596.D

Acq: 29 Aug 2018 11:25

Instrument :

BNA_F

ClientSampleID :

PB112381BSD

Tot Ion:113 Resp: 71606

Ion Ratio Lower Upper

113 100

55 208.1 163.3 203.3#

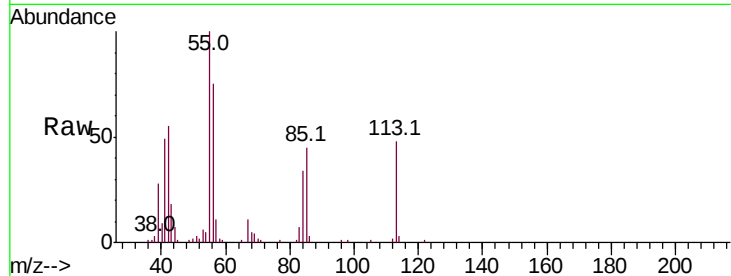
56 155.4 115.7 155.7

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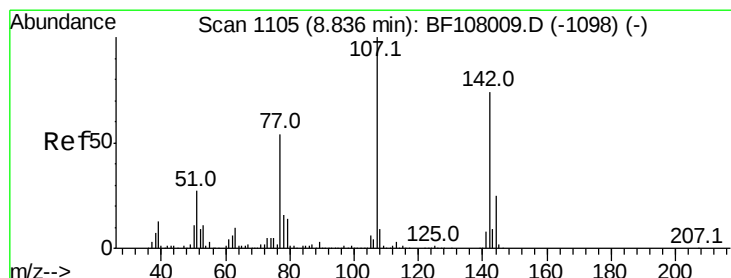
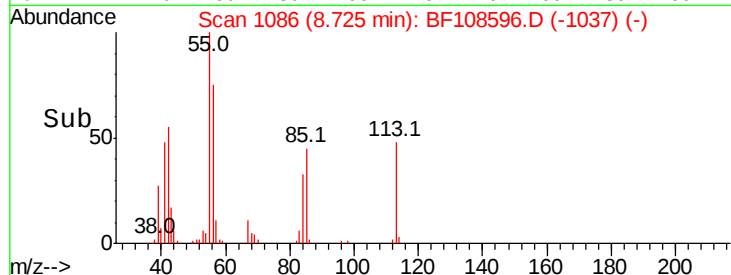
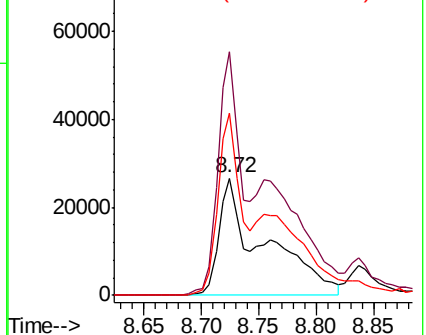
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Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF1

Ion 56.00 (55.70 to 56.70): BF1



#36

4-Chloro-3-methylphenol

Concen: 42.986 ng/ml

RT: 8.84 min Scan# 1105

Delta R.T. 0.01 min

Lab File: BF108596.D

Acq: 29 Aug 2018 11:25

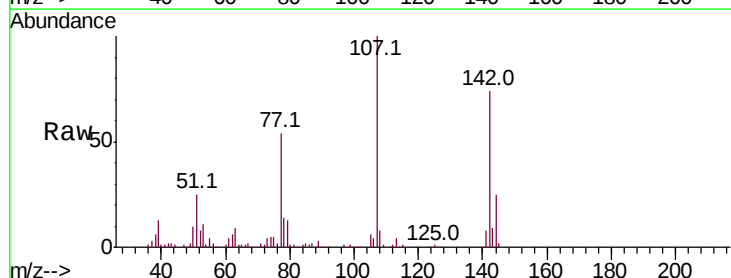
Tgt Ion:107 Resp: 278257

Ion Ratio Lower Upper

107 100

144 25.1 20.5 30.7

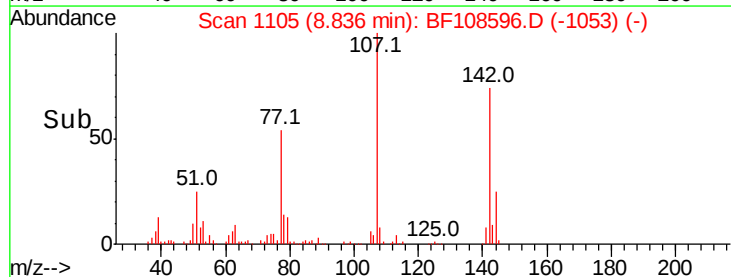
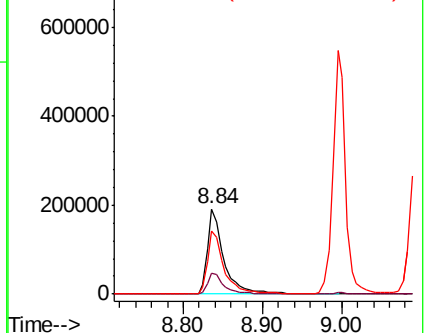
142 74.1 62.0 93.0

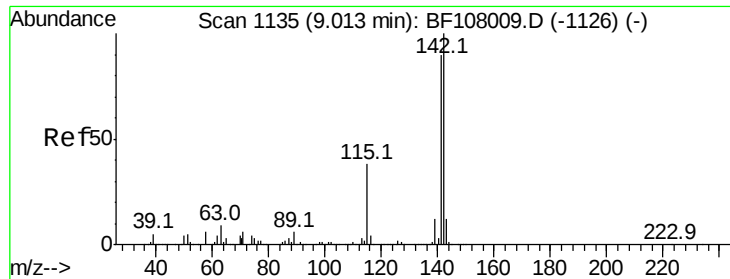


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





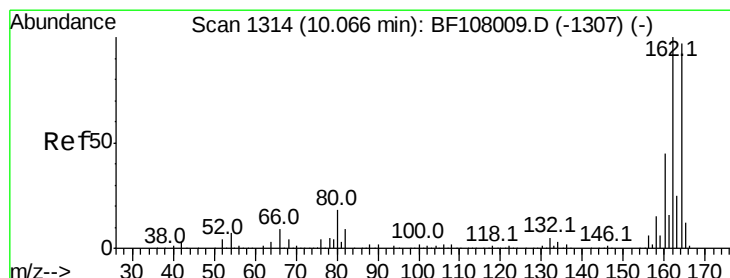
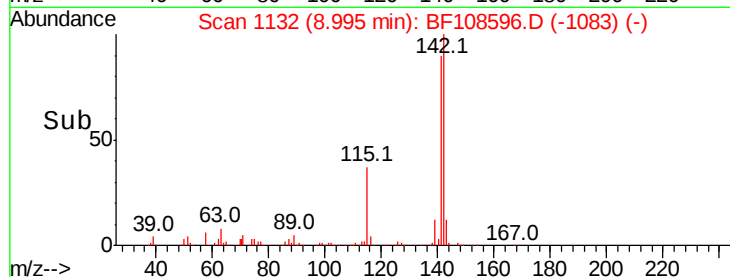
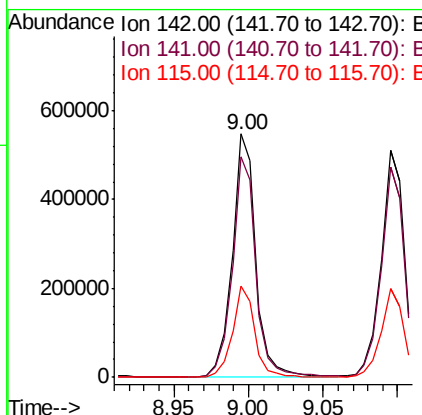
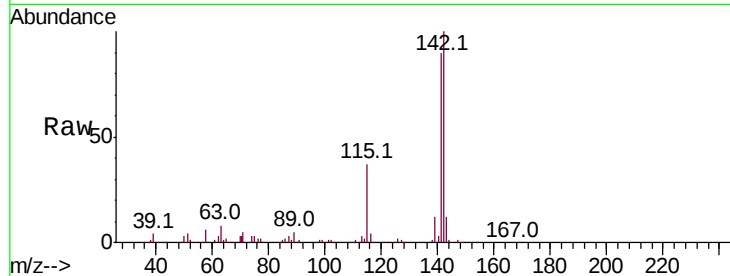
#37
2-Methylnaphthalene
Concen: 43.813 ng
RT: 9.00 min Scan# 1132
Delta R.T. -0.01 min
Lab File: BF108596.D
Acq: 29 Aug 2018 11:25

Instrument :
BNA_F
ClientSampleId :
PB112381BSD

Tot Ion	Ratio	Resp	Lower	Upper
142	100	606329		
141	90.4		70.8	106.2
115	37.4		26.1	39.1

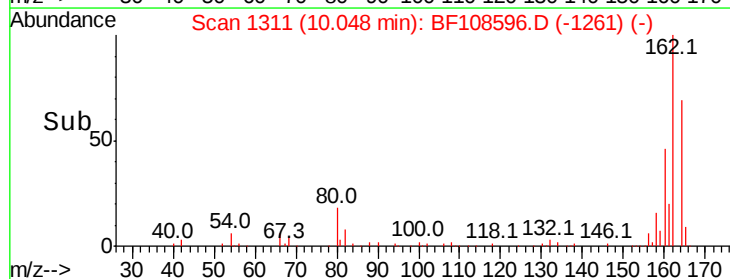
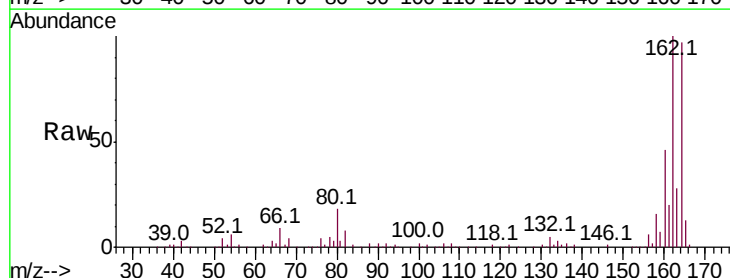
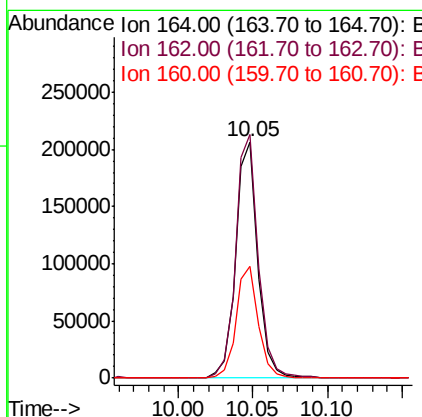
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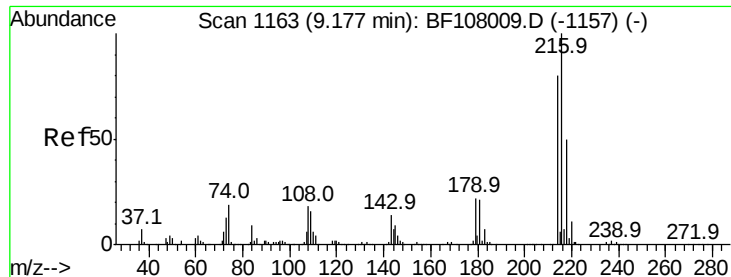
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#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.05 min Scan# 1311
Delta R.T. -0.01 min
Lab File: BF108596.D
Acq: 29 Aug 2018 11:25

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	214713		
162	103.2		86.1	129.1
160	47.2		38.3	57.5





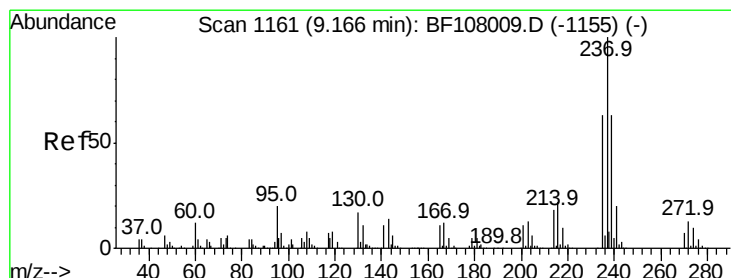
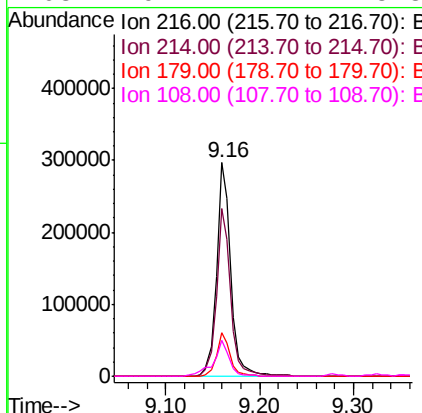
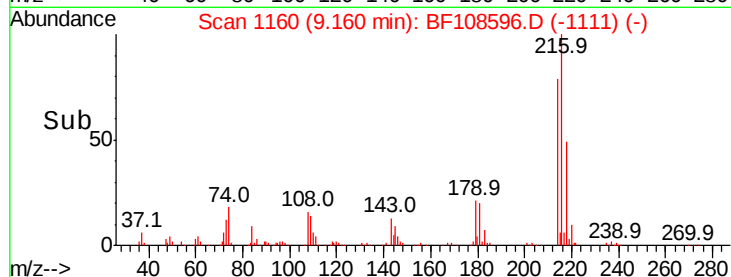
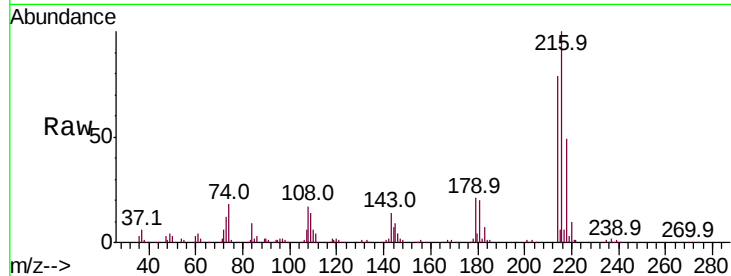
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 47.741 ng
 RT: 9.16 min Scan# 1160
 Delta R.T. -0.01 min
 Lab File: BF108596.D
 Acq: 29 Aug 2018 11:25

Instrument :
 BNA_F
 ClientSampleId :
 PB112381BSD

Tot Ion	Ratio	Resp	Lower	Upper
216	100			
214	78.4	63.0	94.4	
179	19.8	18.1	27.1	
108	19.1	17.2	25.8	

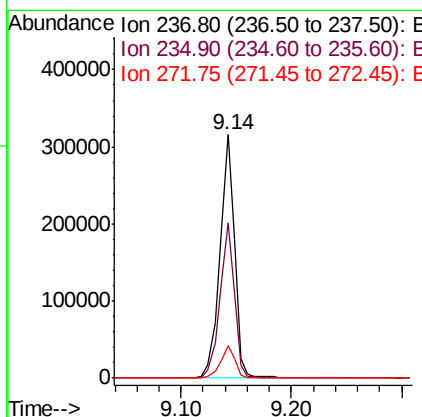
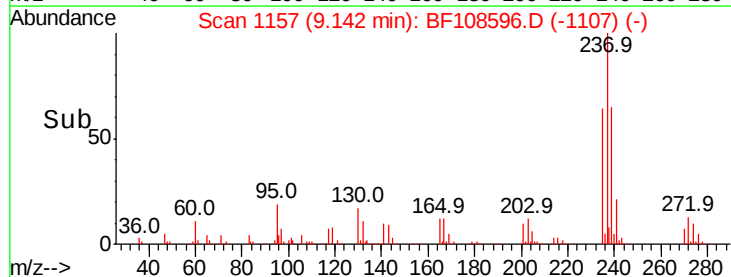
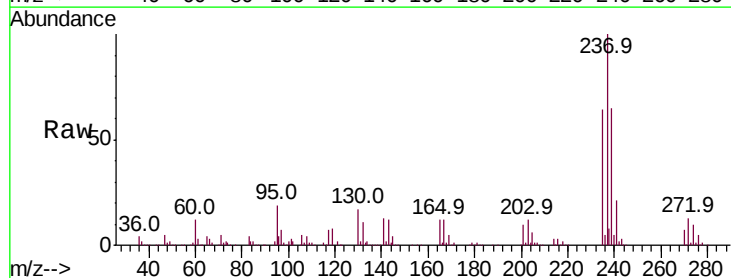
Manual Integrations
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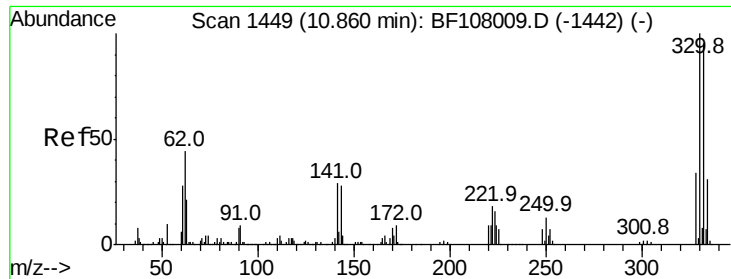
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#40
 Hexachlorocyclopentadiene
 Concen: 68.692 ng
 RT: 9.14 min Scan# 1157
 Delta R.T. -0.01 min
 Lab File: BF108596.D
 Acq: 29 Aug 2018 11:25

Tgt Ion	Ratio	Resp	Lower	Upper
237	100			
235	63.7	44.8	84.8	
272	13.4	0.0	33.3	





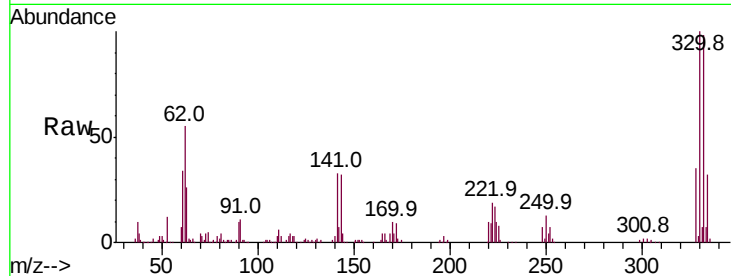
#41
 2,4,6-Tribromophenol
 Concen: 112.713 ng
 RT: 10.84 min Scan# 1446
 Delta R.T. -0.01 min
 Lab File: BF108596.D
 Acq: 29 Aug 2018 11:25

Instrument :
 BNA_F
 ClientSampleId :
 PB112381BSD

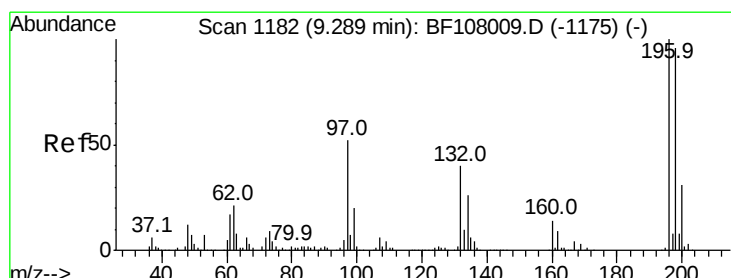
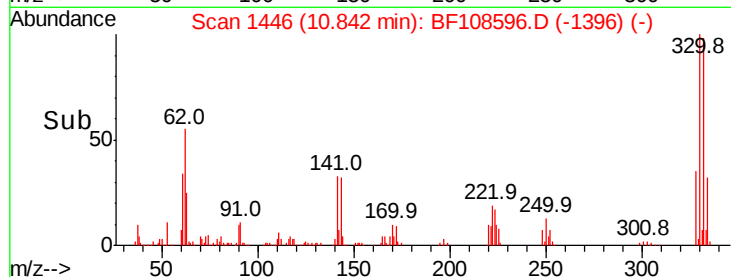
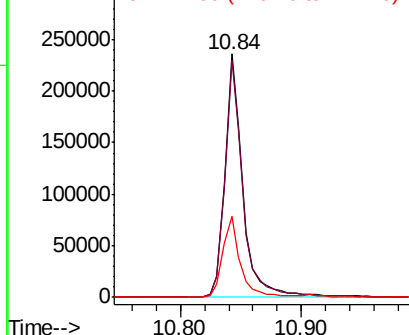
Tot Ion	Ratio	Resp	Lower	Upper
330	100	241399		
332	99.9	77.0	115.6	
141	32.8	29.9	44.9	

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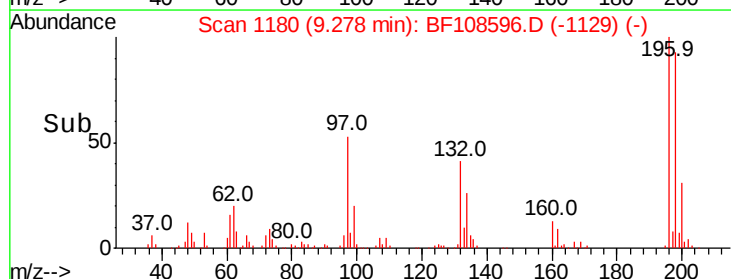
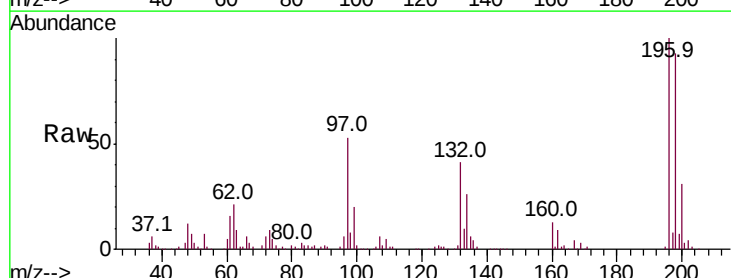
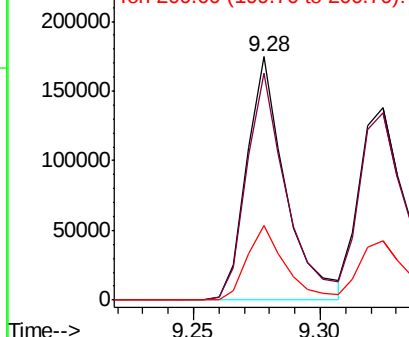
Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

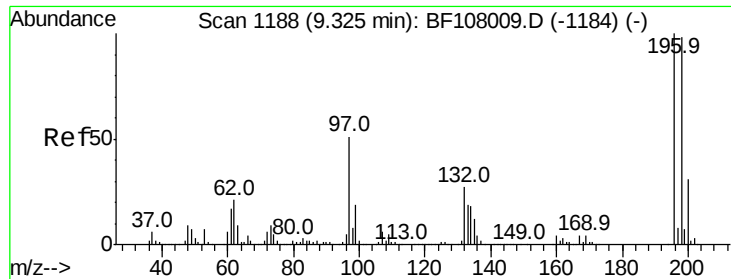


#42
 2,4,6-Trichlorophenol
 Concen: 45.717 ng
 RT: 9.28 min Scan# 1180
 Delta R.T. -0.00 min
 Lab File: BF108596.D
 Acq: 29 Aug 2018 11:25

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	187061		
198	93.3	75.7	113.5	
200	30.5	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





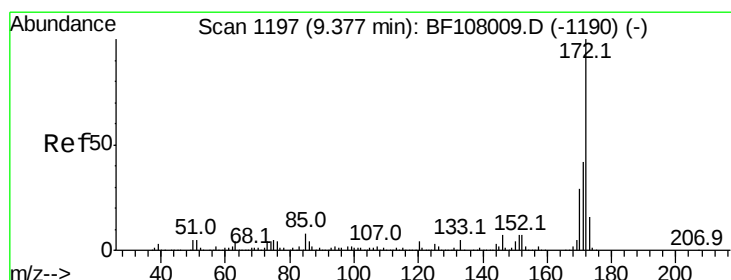
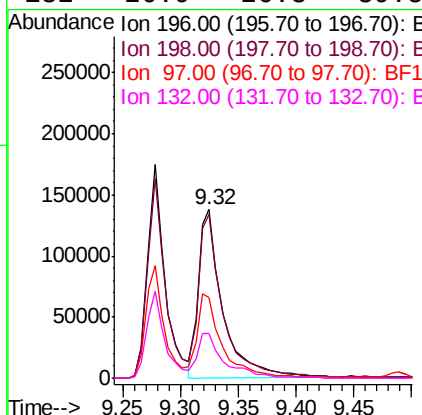
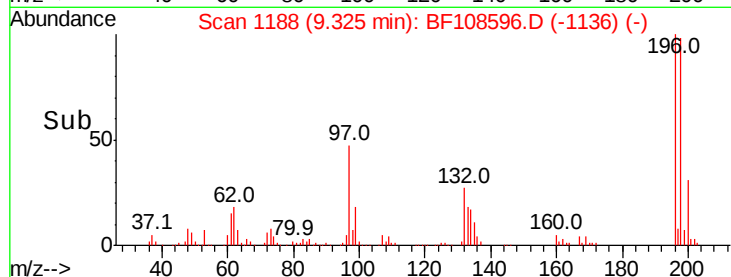
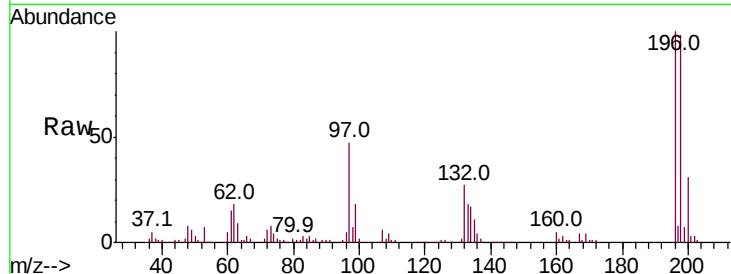
#43
2,4,5-Trichlorophenol
Concen: 44.953 ng
RT: 9.32 min Scan# 1188
Delta R.T. 0.01 min
Lab File: BF108596.D
Acq: 29 Aug 2018 11:25

Instrument :
BNA_F
ClientSampleId :
PB112381BSD

Tot Ion	Ratio	Resp	Lower	Upper
196	100	202475		
198	97.5	74.6	112.0	
97	47.5	42.9	64.3	
132	26.9	26.3	39.5	

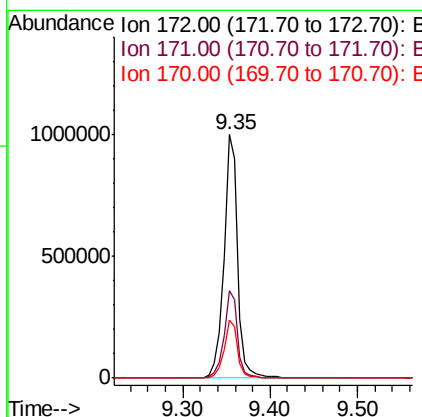
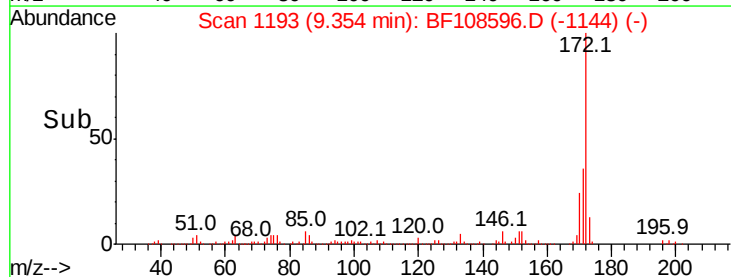
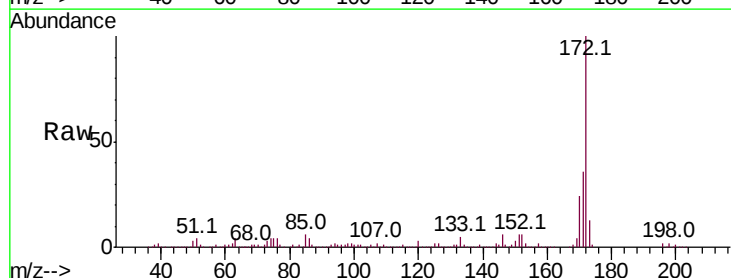
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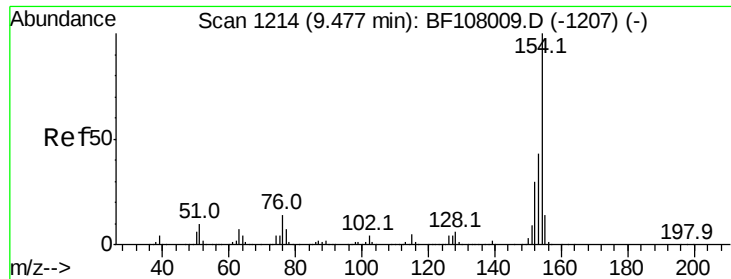
Sohil
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#44
2-Fluorobiphenyl
Concen: 81.078 ng
RT: 9.35 min Scan# 1193
Delta R.T. -0.01 min
Lab File: BF108596.D
Acq: 29 Aug 2018 11:25

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	1084320		
171	36.0	29.7	44.5	
170	23.7	19.6	29.4	





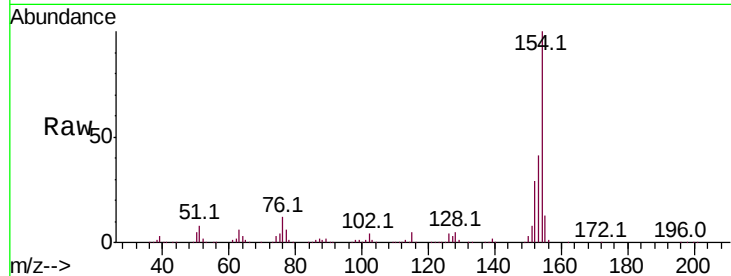
#45
 1,1'-Biphenyl
 Concen: 46.935 ng
 RT: 9.46 min Scan# 1211
 Delta R.T. -0.01 min
 Lab File: BF108596.D
 Acq: 29 Aug 2018 11:25

Instrument :
 BNA_F
 ClientSampleID :
 PB112381BSD

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

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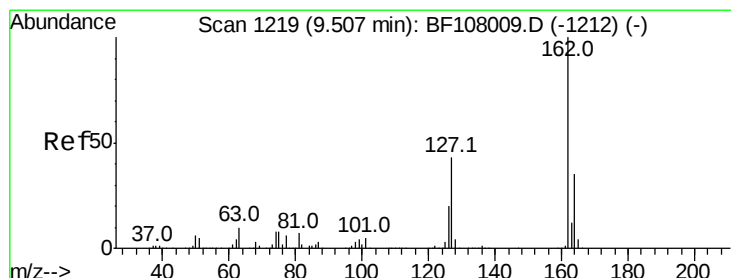
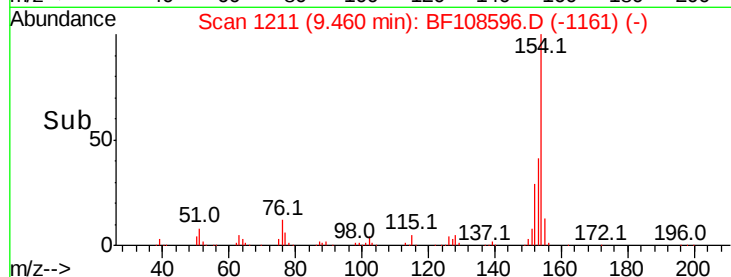
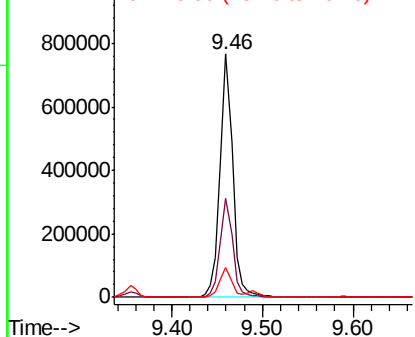


Abundance

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: 46.164 ng
 RT: 9.49 min Scan# 1216
 Delta R.T. -0.01 min
 Lab File: BF108596.D
 Acq: 29 Aug 2018 11:25

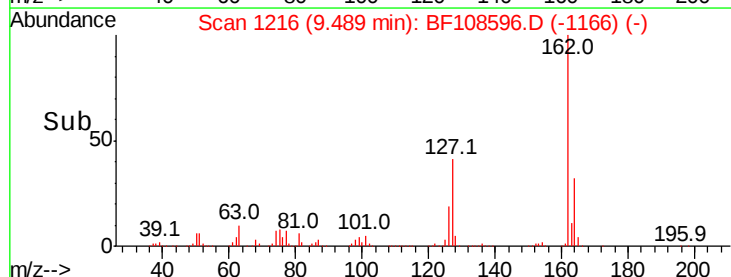
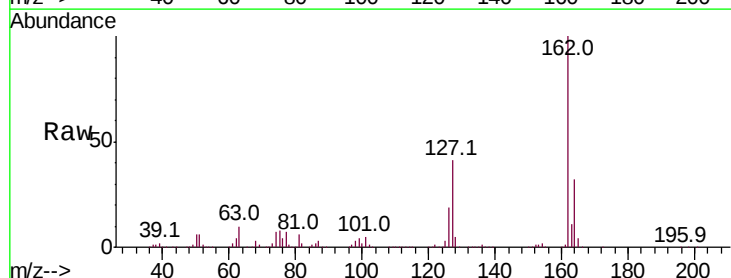
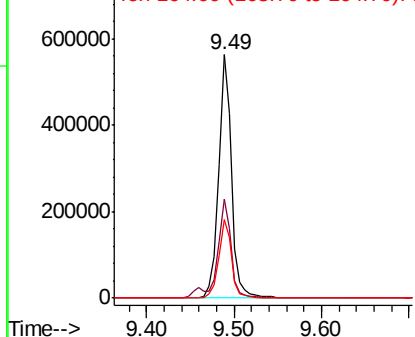
Tgt Ion	Ratio	Resp	Lower	Upper
162	100			
127	40.8	33.9	50.9	
164	32.3	26.5	39.7	

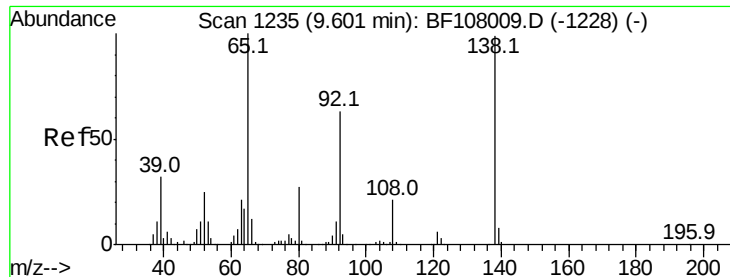
Abundance

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: 46.416 ng

RT: 9.59 min Scan# 1233

Delta R.T. -0.00 min

Lab File: BF108596.D

Acq: 29 Aug 2018 11:25

Instrument :

BNA_F

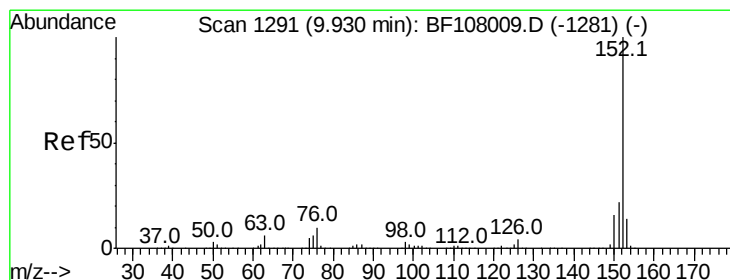
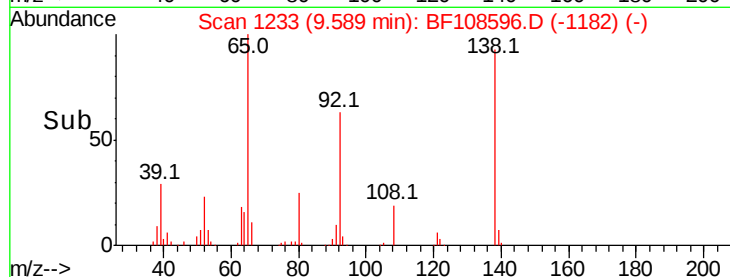
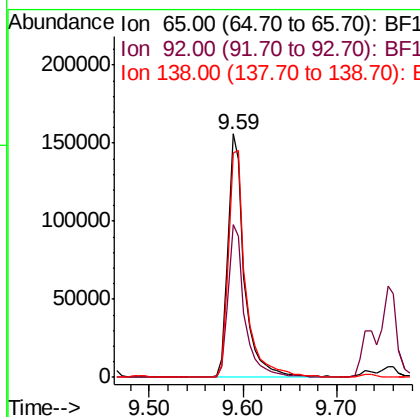
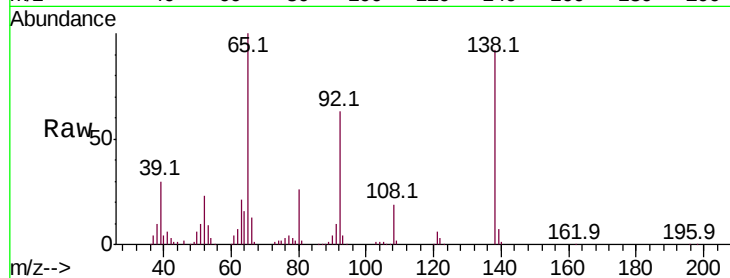
ClientSampleId :

PB112381BSD

Tot Ion	Ratio	Resp	Lower	Upper
65	100			
92	63.0	55.8	83.6	
138	92.2	91.2	136.8	

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#48

Acenaphthylene

Concen: 45.675 ng

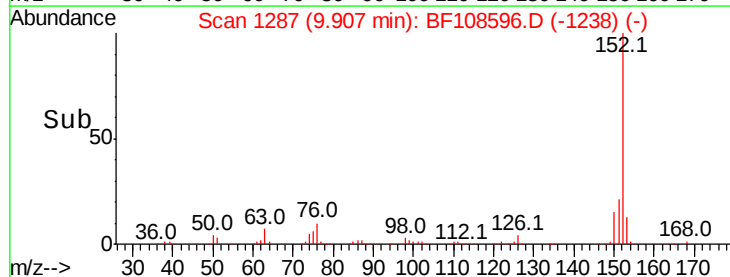
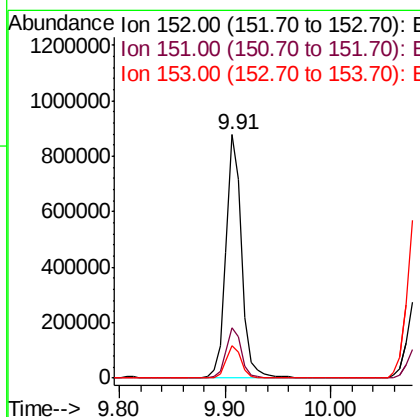
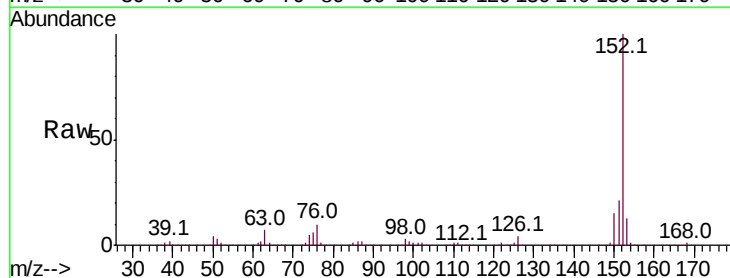
RT: 9.91 min Scan# 1287

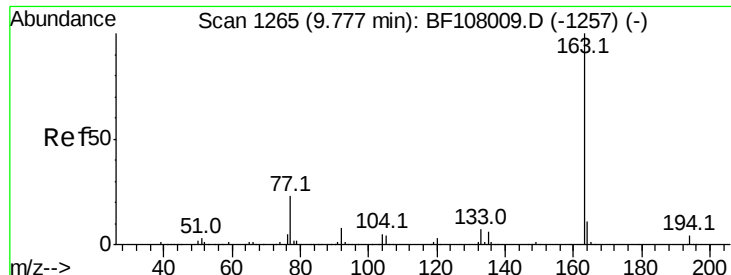
Delta R.T. -0.01 min

Lab File: BF108596.D

Acq: 29 Aug 2018 11:25

Tgt Ion	Ratio	Resp	Lower	Upper
152	100			
151	20.8	16.3	24.5	
153	13.4	10.7	16.1	





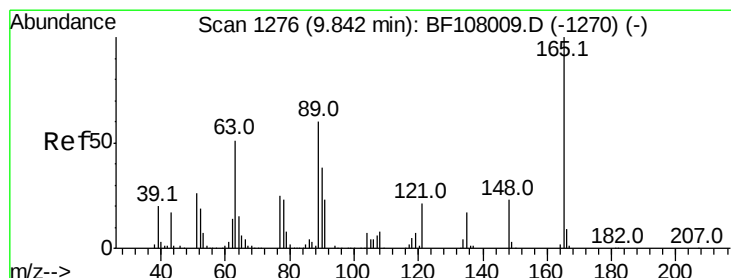
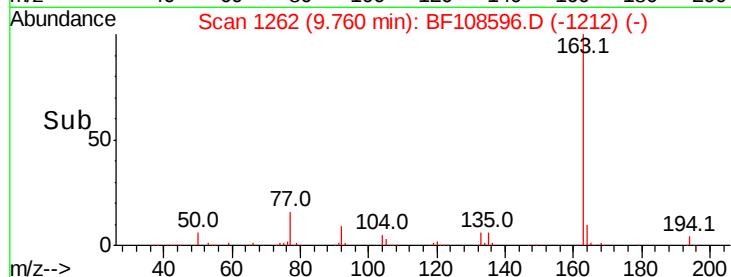
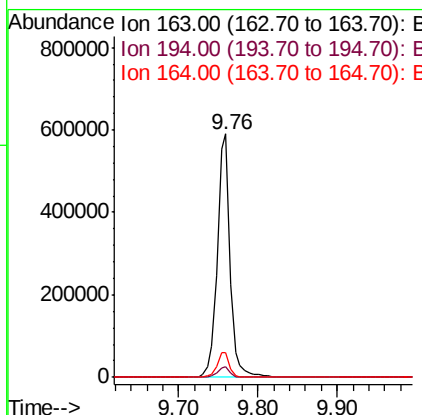
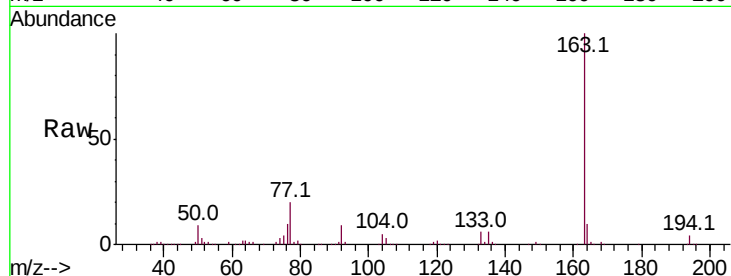
#49
 Dimethylphthalate
 Concen: 44.260 ng
 RT: 9.76 min Scan# 1262
 Delta R.T. -0.01 min
 Lab File: BF108596.D
 Acq: 29 Aug 2018 11:25

Instrument :
 BNA_F
 ClientSampleId :
 PB112381BSD

Tot Ion	Ratio	Resp	Lower	Upper
163	100			
194	4.3	2.7	4.1#	
164	10.3	8.2	12.2	

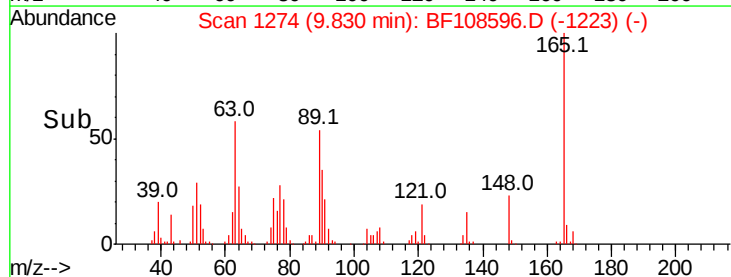
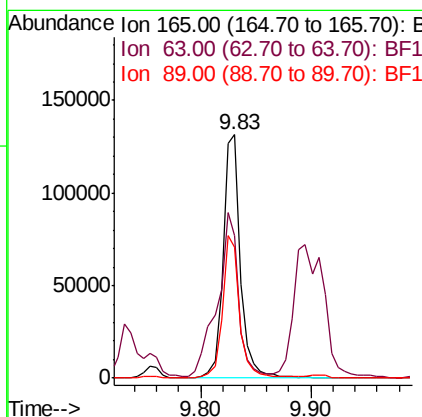
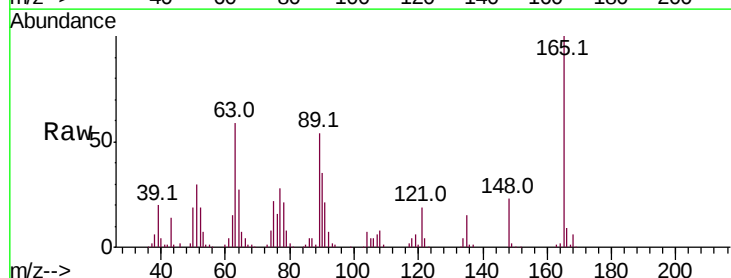
Manual Integrations
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#50
 2,6-Dinitrotoluene
 Concen: 46.213 ng
 RT: 9.83 min Scan# 1274
 Delta R.T. -0.00 min
 Lab File: BF108596.D
 Acq: 29 Aug 2018 11:25

Tgt Ion	Ratio	Resp	Lower	Upper
165	100			
63	58.6	44.7	67.1	
89	53.8	44.0	66.0	





#51

Acenaphthene

Concen: 41.851 ng

RT: 10.08 min Scan# 1316

Delta R.T. -0.01 min

Lab File: BF108596.D

Acq: 29 Aug 2018 11:25

Instrument :

BNA_F

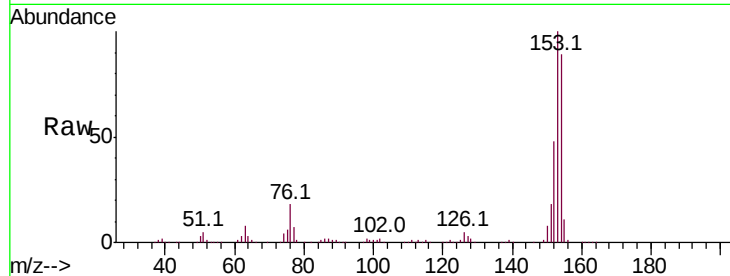
ClientSampleId :

PB112381BSD

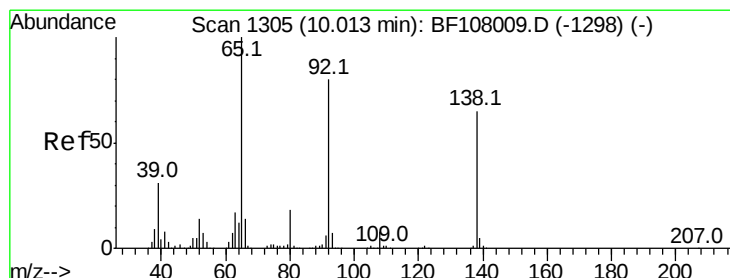
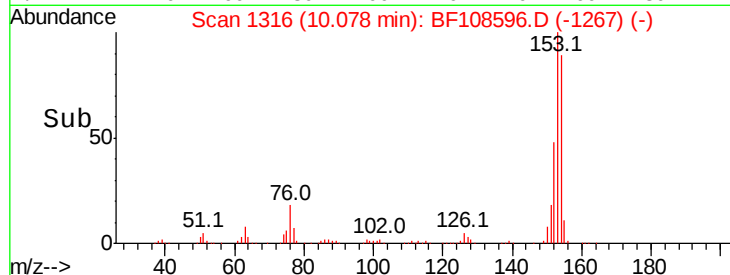
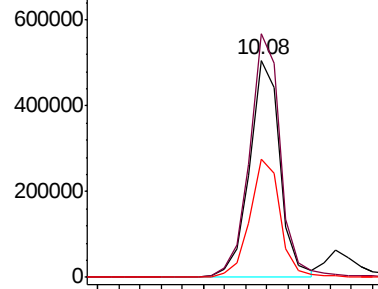
Tot Ion:	154	Resp:	507051
Ion Ratio	Lower	Upper	
154	100		
153	112.2	91.2	136.8
152	54.4	43.8	65.8

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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: 29.895 ng

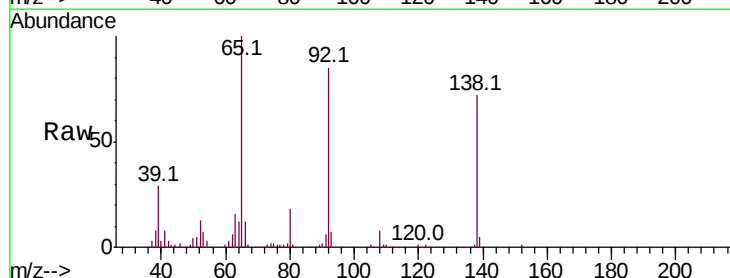
RT: 10.01 min Scan# 1304

Delta R.T. -0.00 min

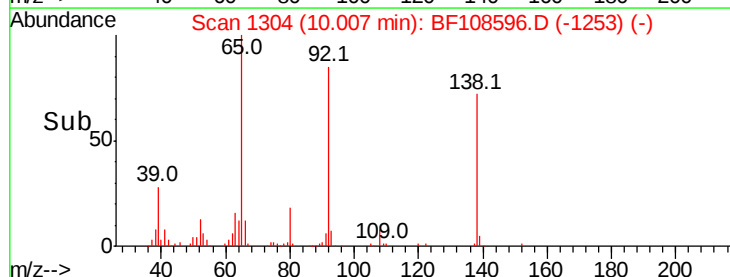
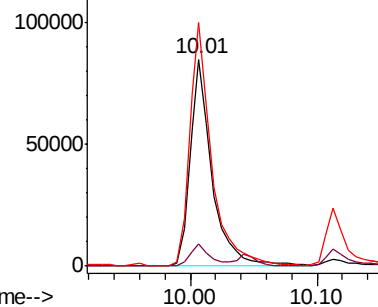
Lab File: BF108596.D

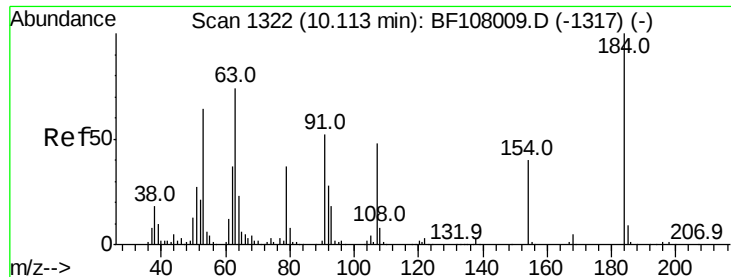
Acq: 29 Aug 2018 11:25

Tgt Ion:	138	Resp:	102352
Ion Ratio	Lower	Upper	
138	100		
108	10.9	9.4	14.0
92	117.6	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





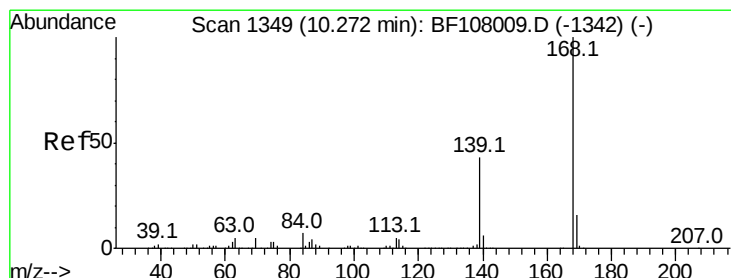
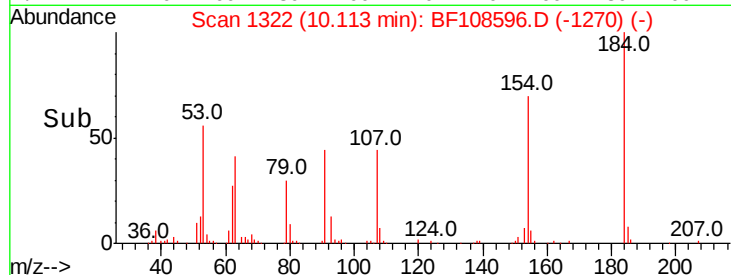
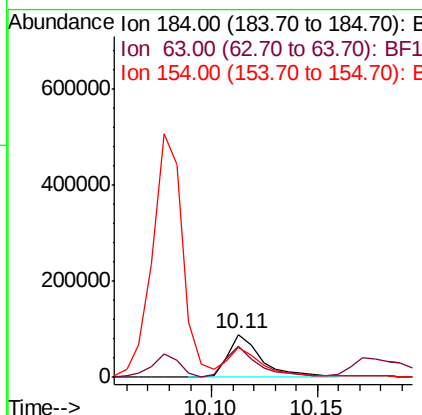
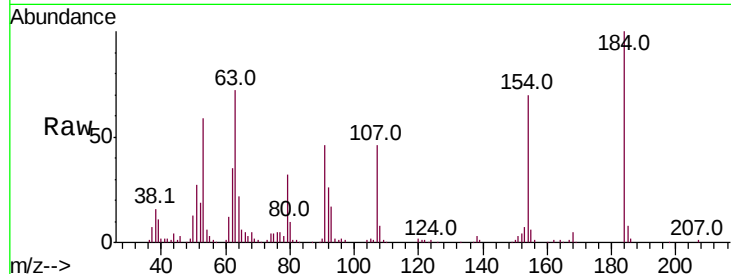
#53
2,4-Dinitrophenol
Concen: 82.803 ng
RT: 10.11 min Scan# 1322
Delta R.T. 0.01 min
Lab File: BF108596.D
Acq: 29 Aug 2018 11:25

Instrument :
BNA_F
ClientSampleId :
PB112381BSD

Tot Ion	Ratio	Lower	Upper
184	100		
63	72.3	54.2	81.2
154	70.4	184.0	276.0#

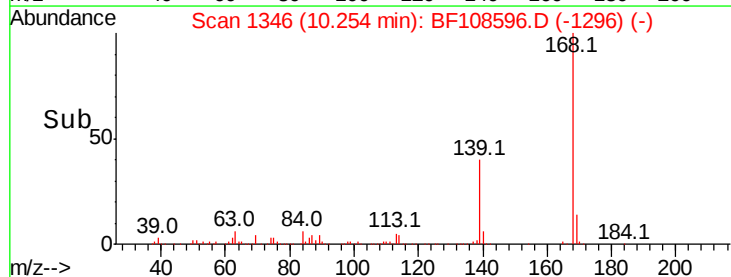
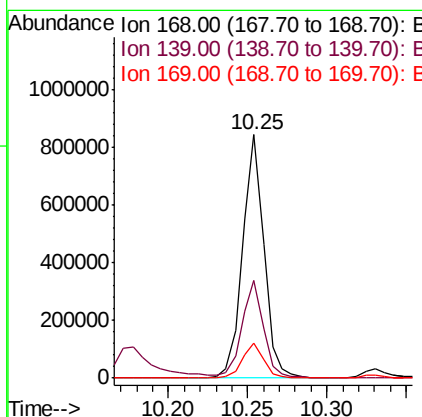
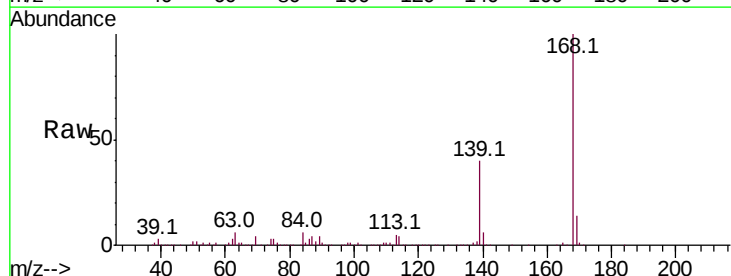
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#54
Dibenzofuran
Concen: 44.954 ng
RT: 10.25 min Scan# 1346
Delta R.T. -0.01 min
Lab File: BF108596.D
Acq: 29 Aug 2018 11:25

Tgt Ion	Ratio	Lower	Upper
168	100		
139	39.9	30.1	45.1
169	14.3	10.9	16.3





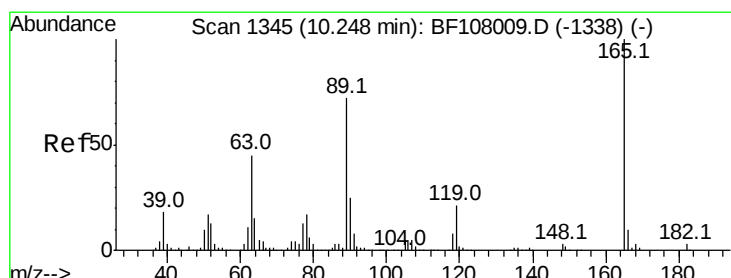
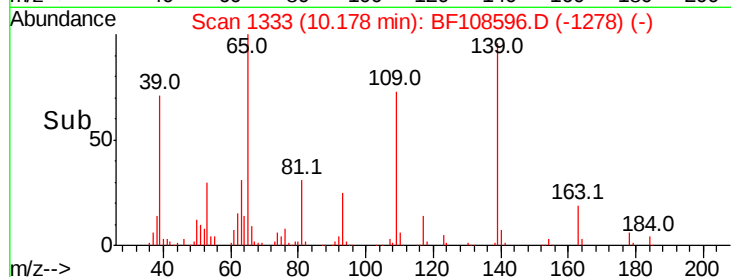
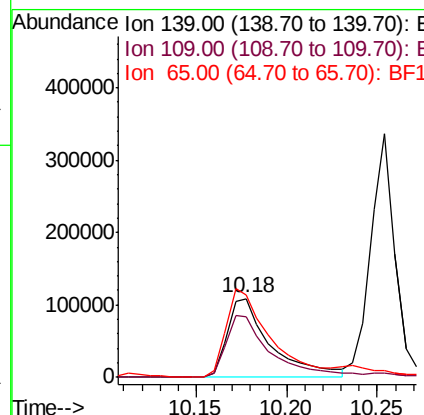
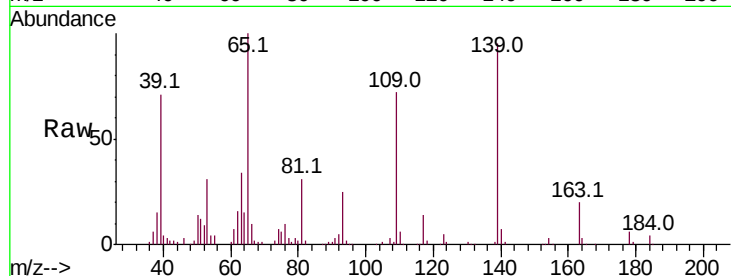
#55
4-Nitrophenol
Concen: 70.327 ng
RT: 10.18 min Scan# 1333
Delta R.T. 0.02 min
Lab File: BF108596.D
Acq: 29 Aug 2018 11:25

Instrument :
BNA_F
ClientSampleId :
PB112381BSD

Tot Ion	Ratio	Resp	Lower	Upper
139	100	182332		
109	75.9	48.4	88.4	
65	104.7	72.6	112.6	

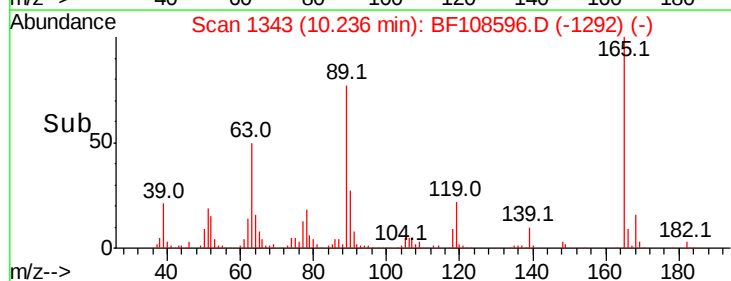
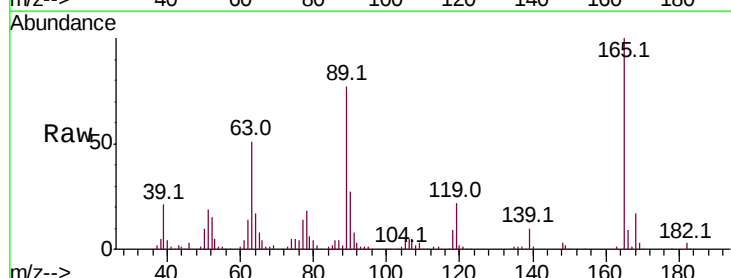
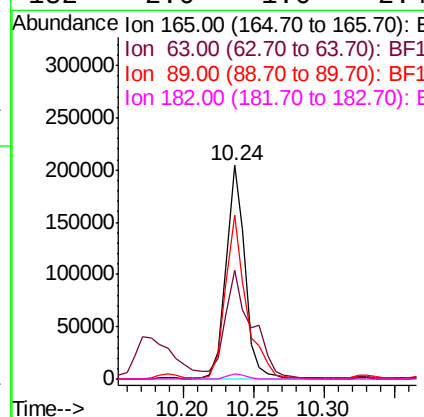
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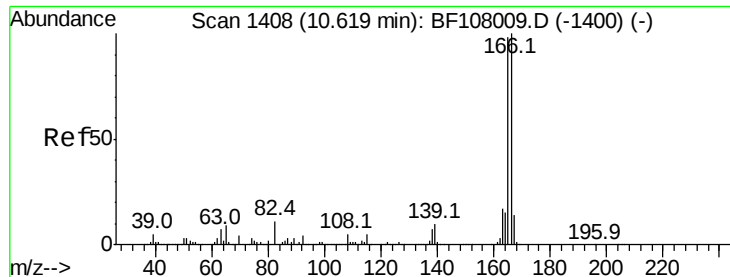
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#56
2,4-Dinitrotoluene
Concen: 47.537 ng
RT: 10.24 min Scan# 1343
Delta R.T. -0.00 min
Lab File: BF108596.D
Acq: 29 Aug 2018 11:25

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	191472		
63	50.9	36.4	54.6	
89	76.7	57.8	86.6	
182	2.6	1.6	2.4	





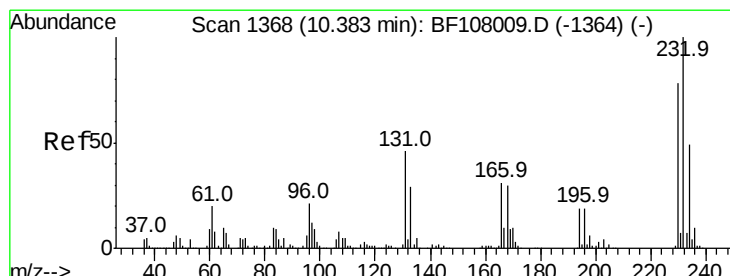
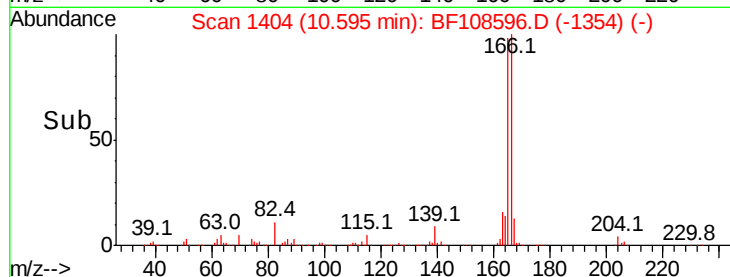
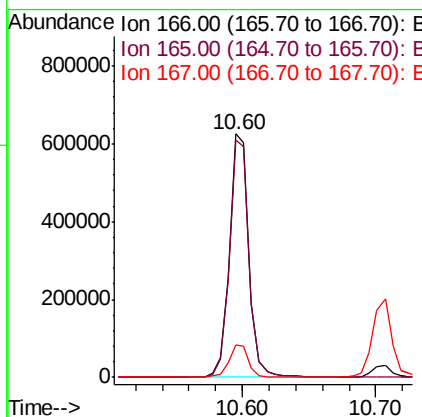
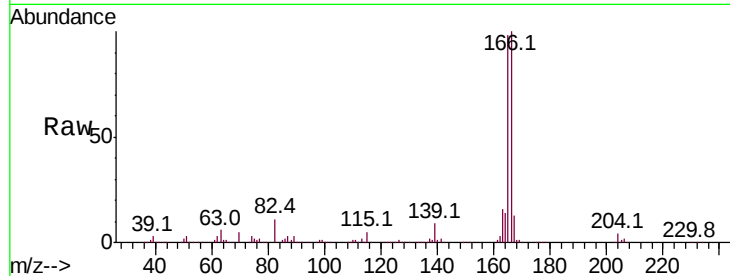
#57
 Fluorene
 Concen: 45.942 ng
 RT: 10.60 min Scan# 1404
 Delta R.T. -0.01 min
 Lab File: BF108596.D
 Acq: 29 Aug 2018 11:25

Instrument :
 BNA_F
 ClientSampleId :
 PB112381BSD

Tot Ion	Ratio	Lower	Upper
166	100		
165	97.6	79.8	119.8
167	13.4	10.6	16.0

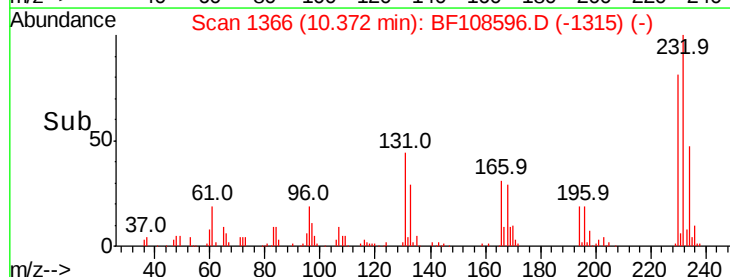
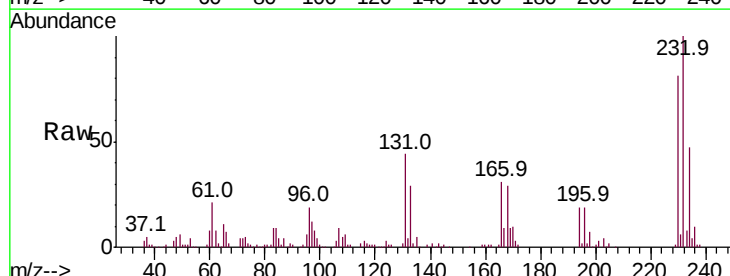
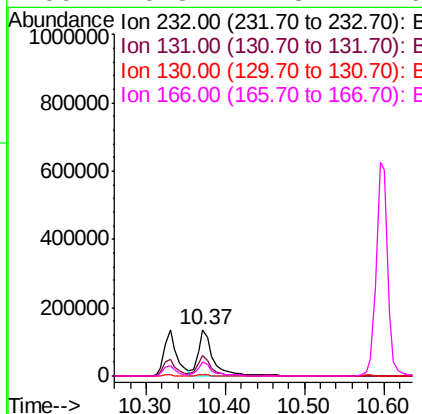
Manual Integrations
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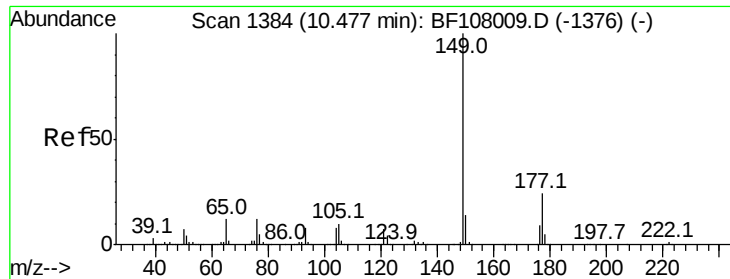
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#58
 2,3,4,6-Tetrachlorophenol
 Concen: 48.680 ng
 RT: 10.37 min Scan# 1366
 Delta R.T. -0.00 min
 Lab File: BF108596.D
 Acq: 29 Aug 2018 11:25

Tgt Ion	Ratio	Lower	Upper
232	100		
131	41.0	43.8	65.8#
130	2.0	2.1	3.1#
166	26.8	27.8	41.6#





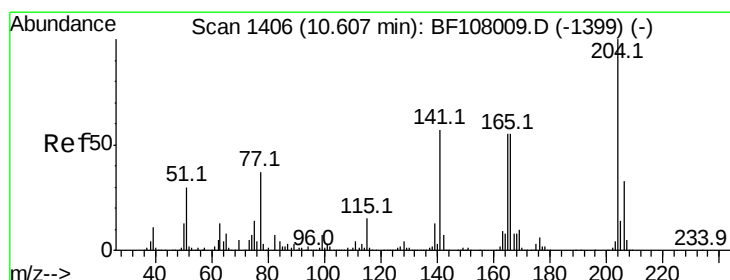
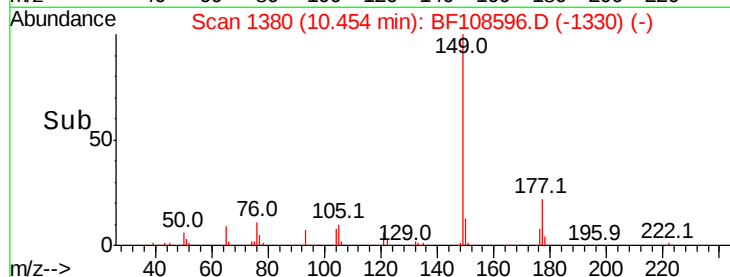
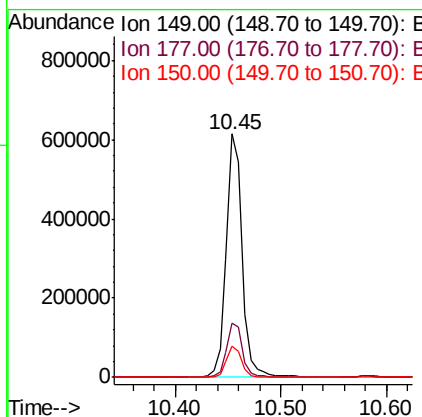
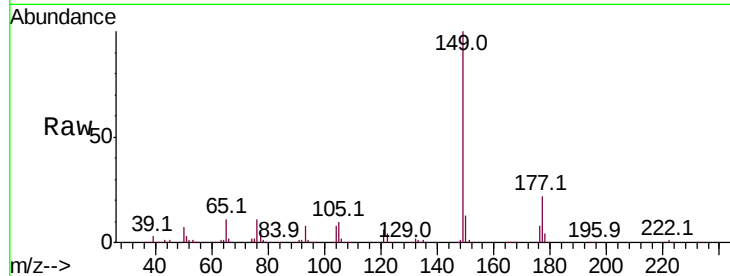
#59
Diethylphthalate
Concen: 44.322 ng
RT: 10.45 min Scan# 1380
Delta R.T. -0.01 min
Lab File: BF108596.D
Acq: 29 Aug 2018 11:25

Instrument :
BNA_F
ClientSampleId :
PB112381BSD

Tot Ion	Ratio	Resp	Lower	Upper
149	100	641919		
177	22.2	16.1	24.1	
150	12.6	10.1	15.1	

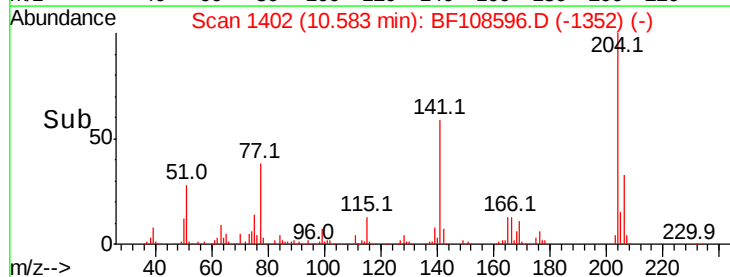
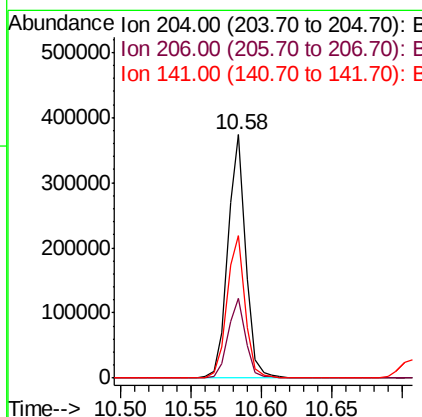
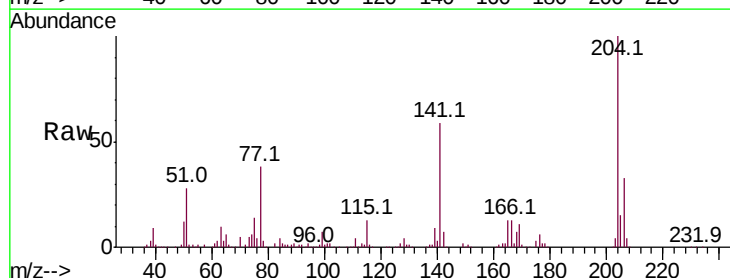
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#60
4-Chlorophenyl-phenylether
Concen: 45.068 ng
RT: 10.58 min Scan# 1402
Delta R.T. -0.01 min
Lab File: BF108596.D
Acq: 29 Aug 2018 11:25

Tgt Ion	Ratio	Resp	Lower	Upper
204	100	326311		
206	32.7	26.5	39.7	
141	58.5	54.6	81.8	





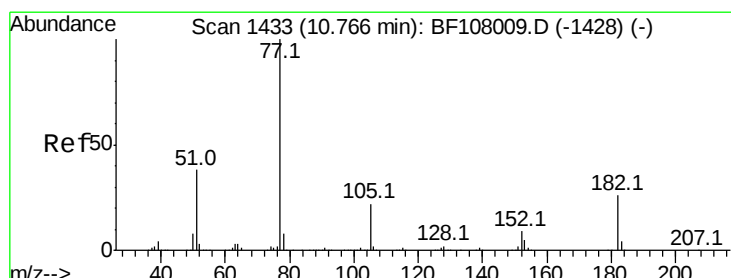
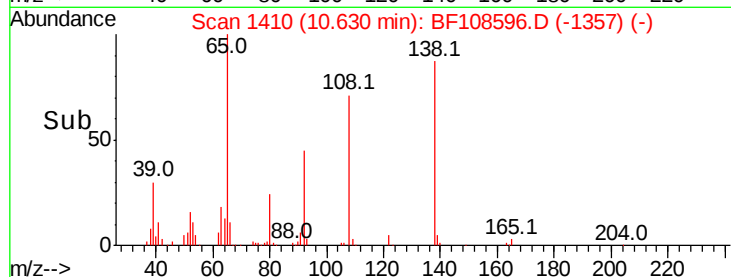
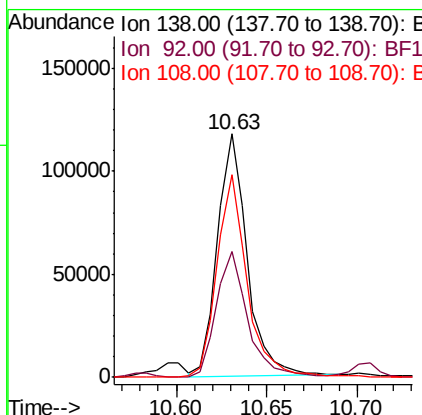
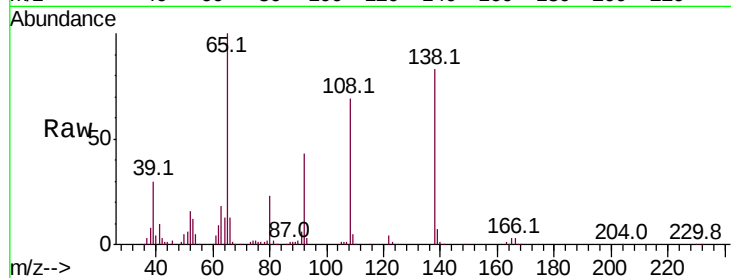
#61
4-Nitroaniline
Concen: 39.616 ng
RT: 10.63 min Scan# 1410
Delta R.T. 0.01 min
Lab File: BF108596.D
Acq: 29 Aug 2018 11:25

Instrument :
BNA_F
ClientSampleId :
PB112381BSD

Tot Ion	Ratio	Lower	Upper
138	100		
92	51.9	30.2	70.2
108	83.5	52.5	92.5

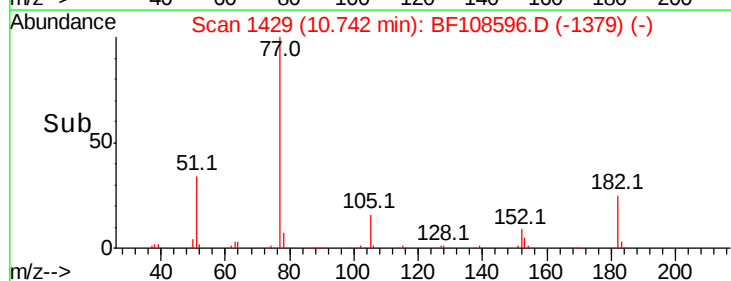
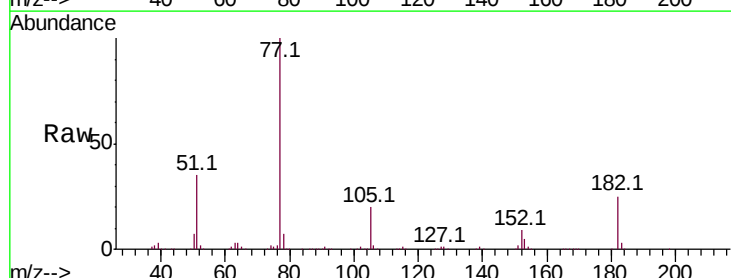
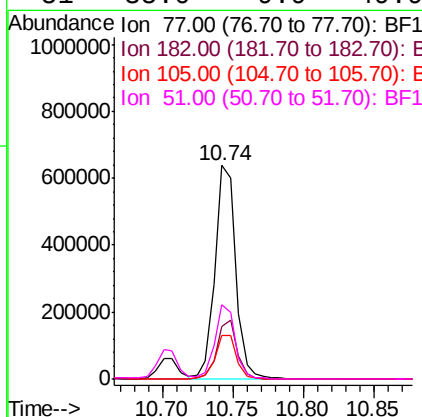
Manual Integrations
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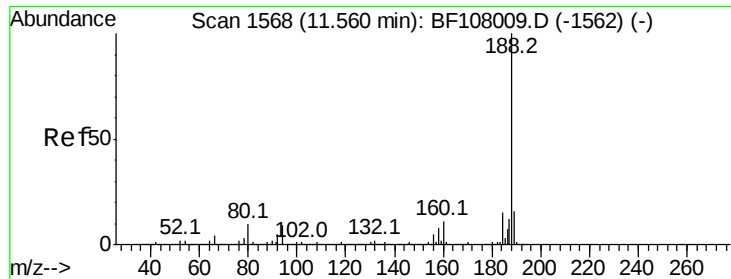
Sohil
8/30/2018 12:18:24 PM



#62
Azobenzene
Concen: 43.730 ng
RT: 10.74 min Scan# 1429
Delta R.T. -0.01 min
Lab File: BF108596.D
Acq: 29 Aug 2018 11:25

Tgt Ion	Ratio	Lower	Upper
77	100		
182	24.5	1.7	41.7
105	20.5	3.0	43.0
51	35.0	9.9	49.9





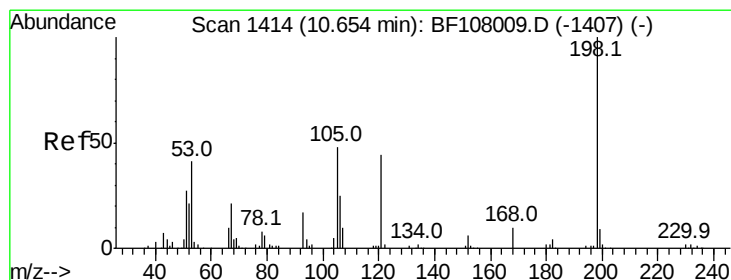
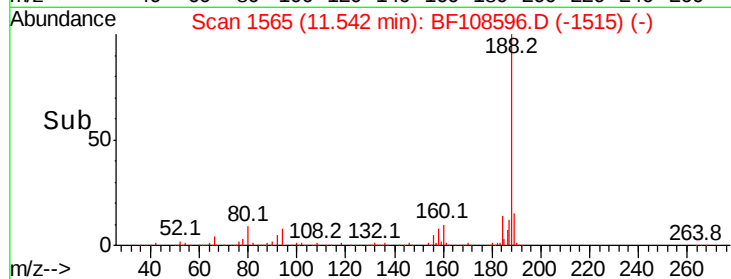
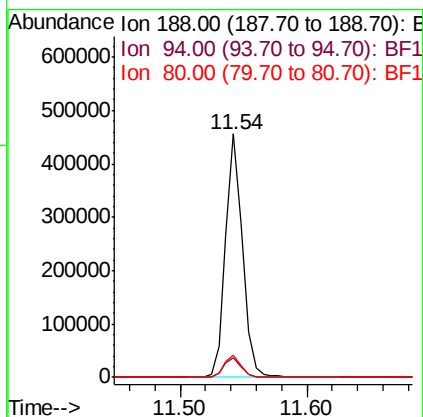
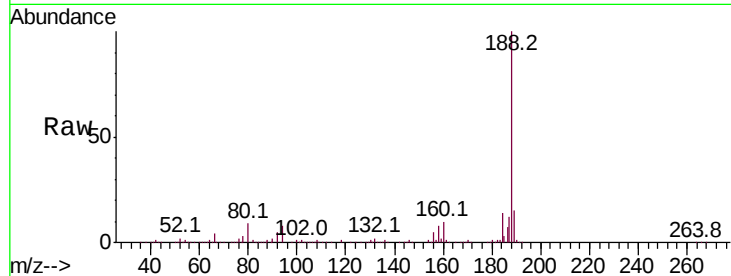
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.54 min Scan# 1565
Delta R.T. -0.01 min
Lab File: BF108596.D
Acq: 29 Aug 2018 11:25

Instrument :
BNA_F
ClientSampleId :
PB112381BSD

Tot Ion	Ratio	Resp	Lower	Upper
188	100	422148		
94	8.3		8.5	12.7#
80	9.3		9.2	13.8

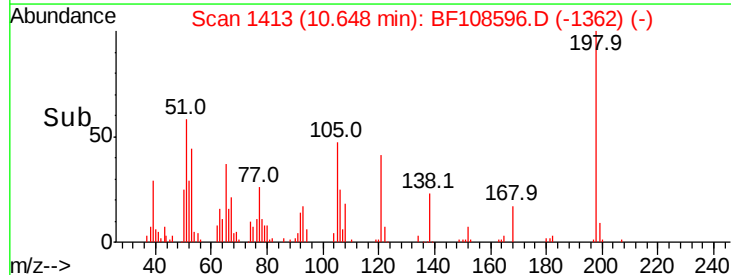
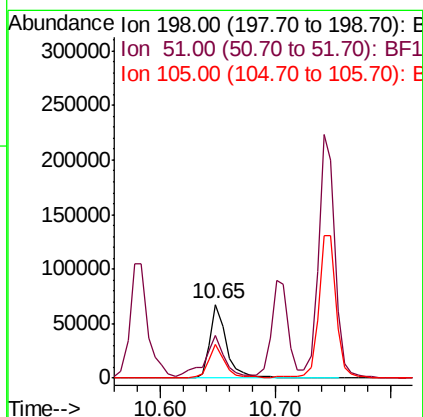
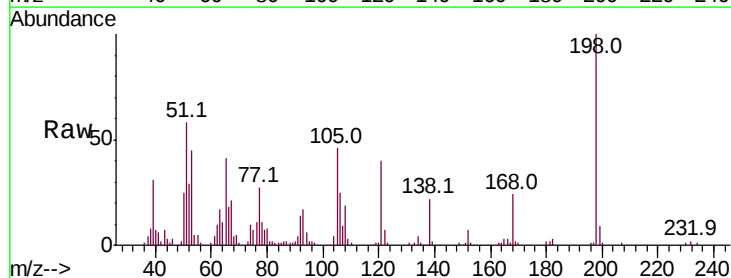
Manual Integrations
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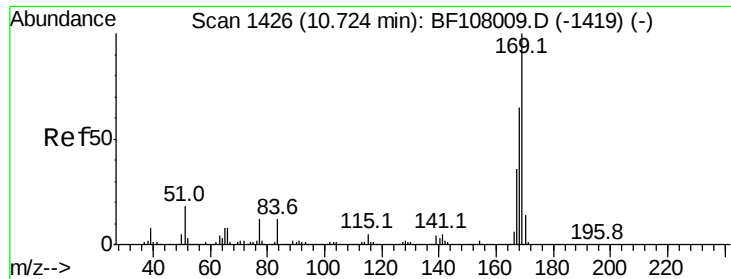
Sohil
8/30/2018 12:18:24 PM



#64
4,6-Dinitro-2-methylphenol
Concen: 43.460 ng
RT: 10.65 min Scan# 1413
Delta R.T. -0.00 min
Lab File: BF108596.D
Acq: 29 Aug 2018 11:25

Tgt Ion	Ratio	Resp	Lower	Upper
198	100	67975		
51	57.7		37.7	77.7
105	46.3		36.3	76.3





#65

n-Nitrosodiphenylamine

Concen: 45.424 ng

RT: 10.71 min Scan# 1423

Delta R.T. -0.00 min

Lab File: BF108596.D

Acq: 29 Aug 2018 11:25

Instrument :

BNA_F

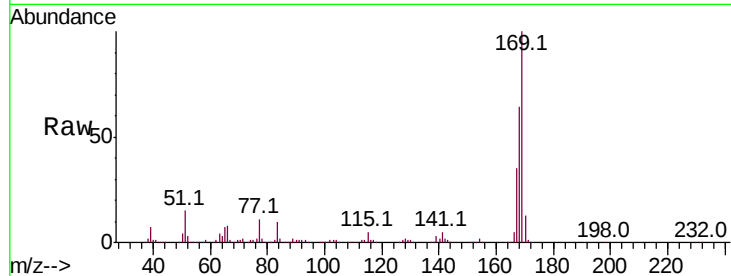
ClientSampleId :

PB112381BSD

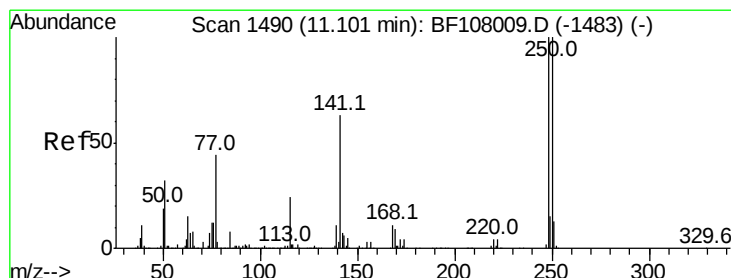
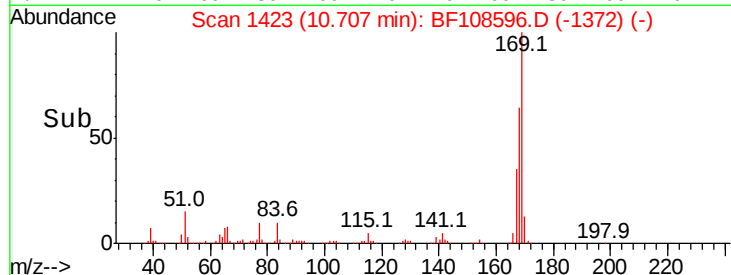
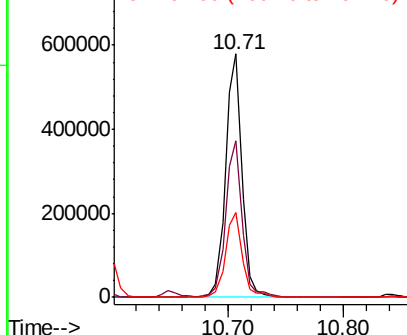
Tot Ion:	169	Resp:	566652
Ion Ratio	Lower	Upper	
169	100		
168	64.1	54.4	81.6
167	35.0	29.8	44.6

Manual Integrations
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Abundance Ion 169.00 (168.70 to 169.70): E
Ion 168.00 (167.70 to 168.70): E
Ion 167.00 (166.70 to 167.70): E



#66

4-Bromophenyl-phenylether

Concen: 45.430 ng

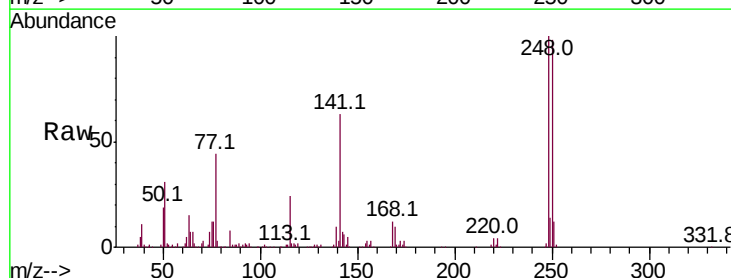
RT: 11.08 min Scan# 1486

Delta R.T. -0.01 min

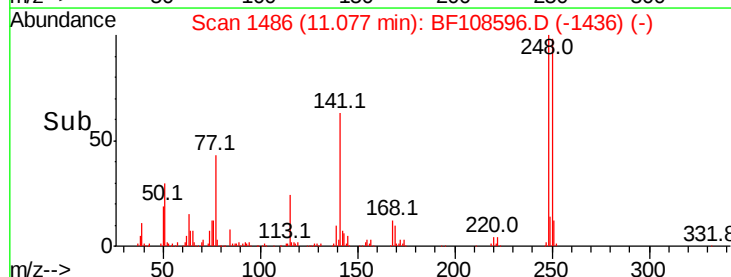
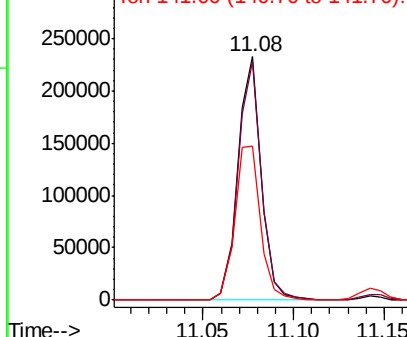
Lab File: BF108596.D

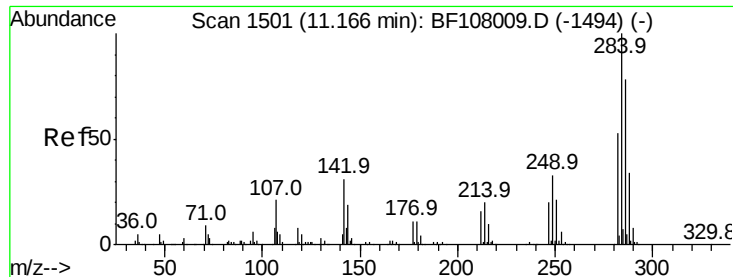
Acq: 29 Aug 2018 11:25

Tgt Ion:	248	Resp:	208415
Ion Ratio	Lower	Upper	
248	100		
250	97.9	76.9	115.3
141	63.4	74.4	111.6#



Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E





#67

Hexachlorobenzene

Concen: 46.420 ng

RT: 11.14 min Scan# 1497

Delta R.T. -0.01 min

Lab File: BF108596.D

Acq: 29 Aug 2018 11:25

Instrument :

BNA_F

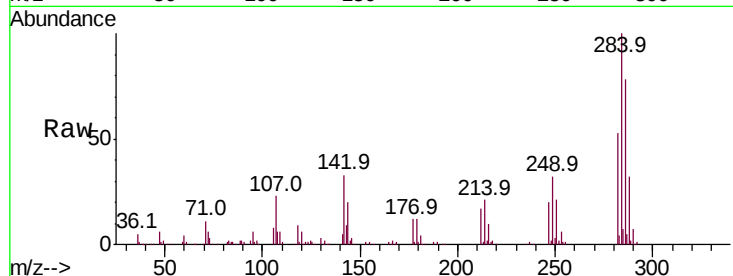
ClientSampleId :

PB112381BSD

Tot Ion	Ratio	Resp	Lower	Upper
284	100			
142	33.2	34.6	52.0	
249	32.3	24.8	37.2	

Manual Integrations
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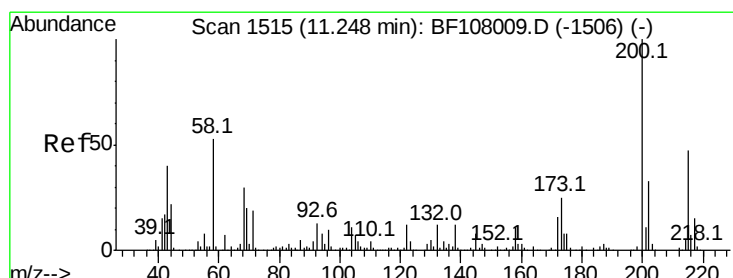
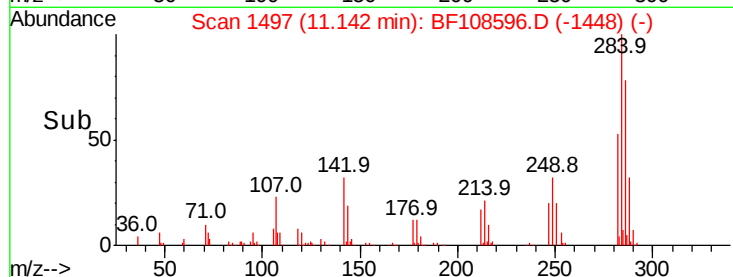
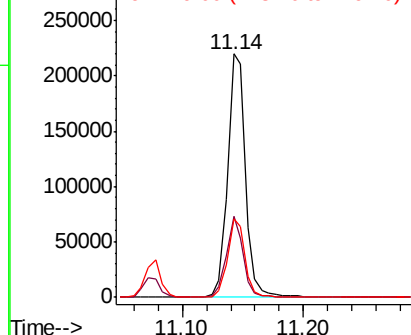


Abundance

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: 45.001 ng

RT: 11.23 min Scan# 1512

Delta R.T. -0.00 min

Lab File: BF108596.D

Acq: 29 Aug 2018 11:25

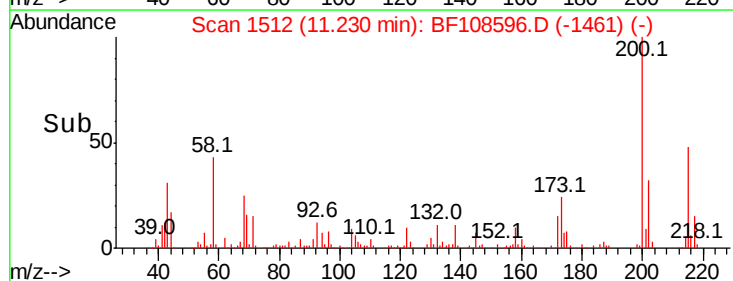
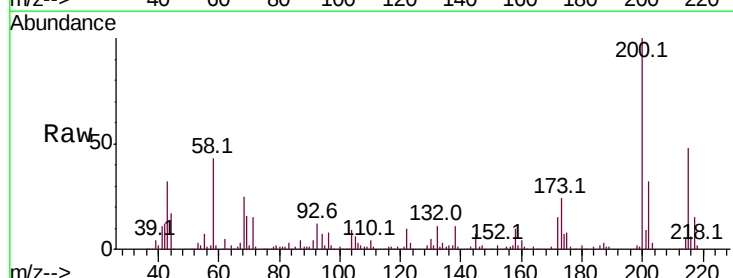
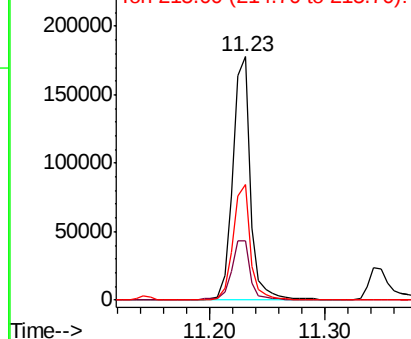
Tgt Ion	Ratio	Resp	Lower	Upper
200	100			
173	24.3	8.6	48.6	
215	47.6	25.1	65.1	

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





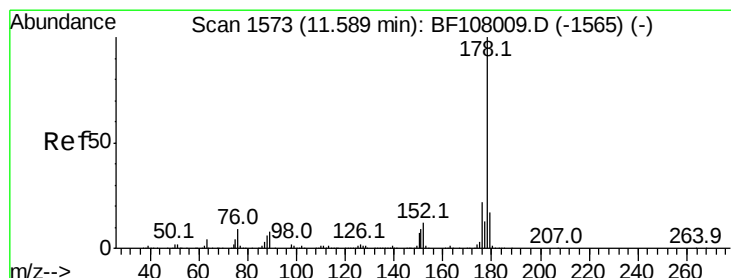
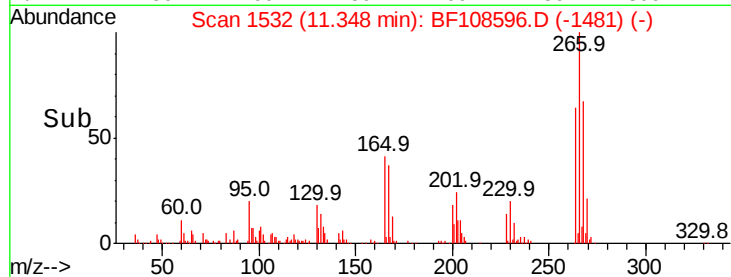
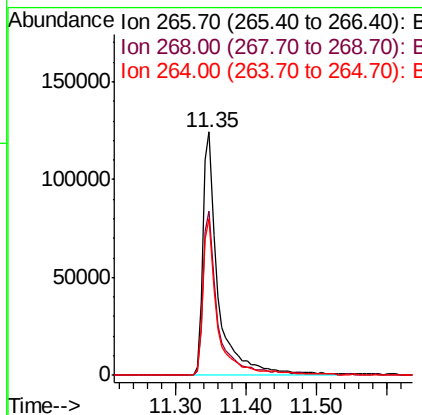
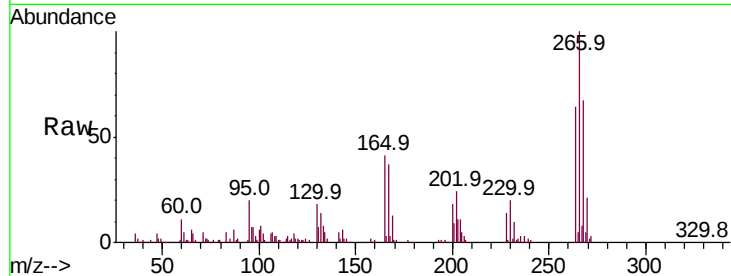
#69
 Pentachlorophenol
 Concen: 81.431 ng
 RT: 11.35 min Scan# 1532
 Delta R.T. -0.00 min
 Lab File: BF108596.D
 Acq: 29 Aug 2018 11:25

Instrument :
 BNA_F
 ClientSampleId :
 PB112381BSD

Tot Ion	Ratio	Resp	Lower	Upper
266	100	188135		
268	67.3	51.1	76.7	
264	64.3	49.5	74.3	

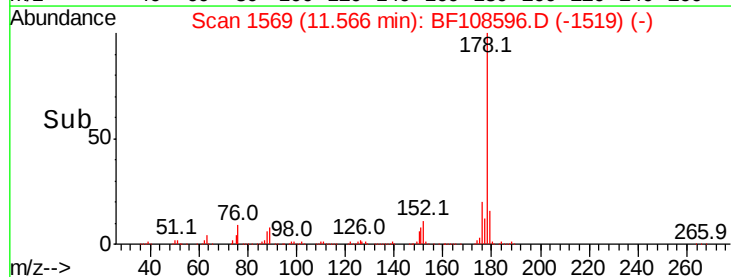
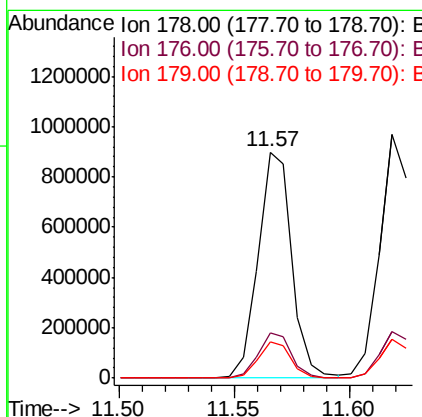
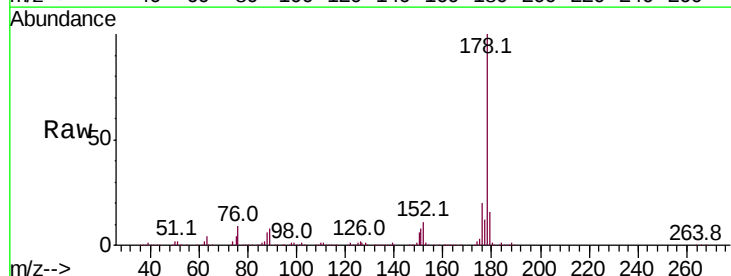
Manual Integrations
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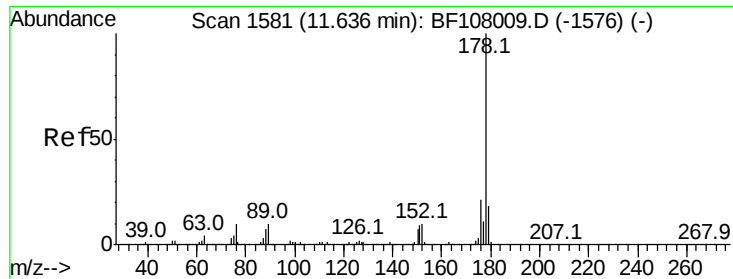
Sohil
 8/30/2018 12:18:24 PM



#70
 Phenanthrene
 Concen: 45.877 ng
 RT: 11.57 min Scan# 1569
 Delta R.T. -0.01 min
 Lab File: BF108596.D
 Acq: 29 Aug 2018 11:25

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	913473		
176	19.9	15.8	23.8	
179	15.8	13.0	19.6	





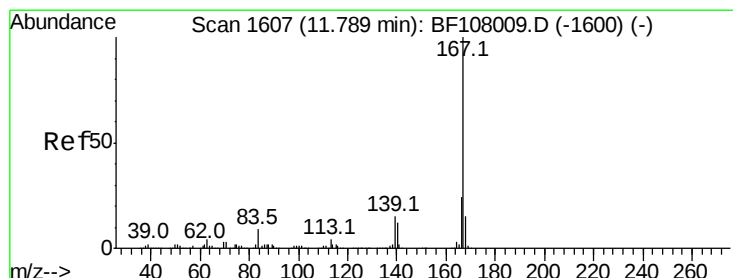
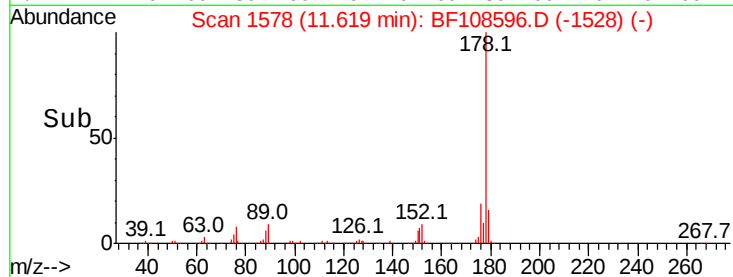
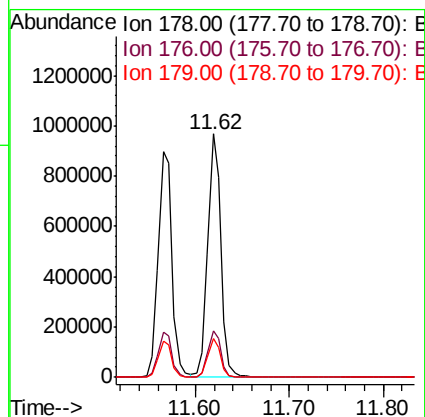
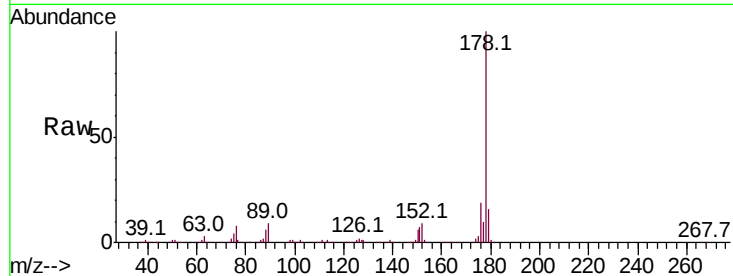
#71
 Anthracene
 Concen: 46.482 ng
 RT: 11.62 min Scan# 1578
 Delta R.T. -0.01 min
 Lab File: BF108596.D
 Acq: 29 Aug 2018 11:25

Instrument :
 BNA_F
 ClientSampleId :
 PB112381BSD

Tot Ion	Ratio	Lower	Upper
178	100		
176	18.9	15.4	23.2
179	15.9	12.6	19.0

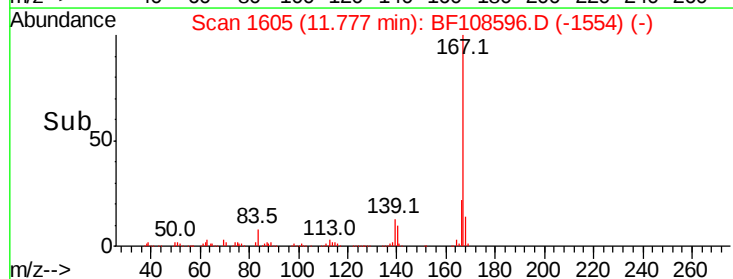
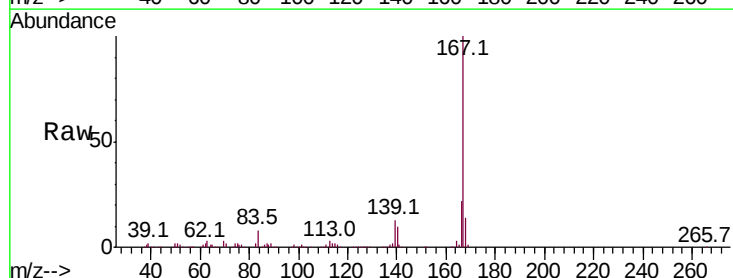
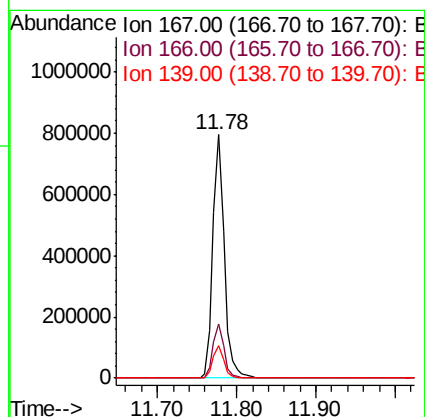
Manual Integrations
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#72
 Carbazole
 Concen: 44.027 ng
 RT: 11.78 min Scan# 1605
 Delta R.T. -0.00 min
 Lab File: BF108596.D
 Acq: 29 Aug 2018 11:25

Tgt Ion	Ratio	Lower	Upper
167	100		
166	22.2	17.6	26.4
139	13.4	10.9	16.3





#73

Di-n-butylphthalate

Concen: 47.468 ng

RT: 12.08 min Scan# 1657

Delta R.T. -0.01 min

Lab File: BF108596.D

Acq: 29 Aug 2018 11:25

Instrument :

BNA_F

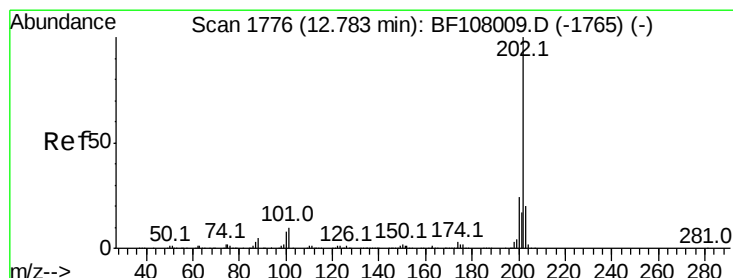
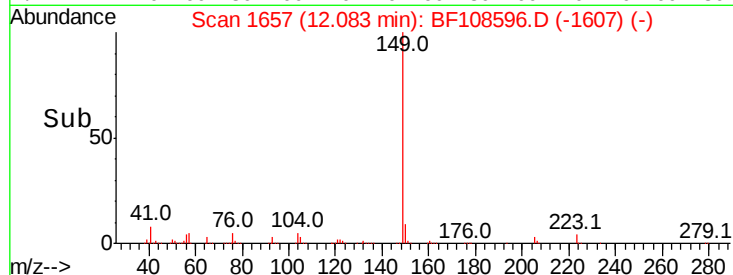
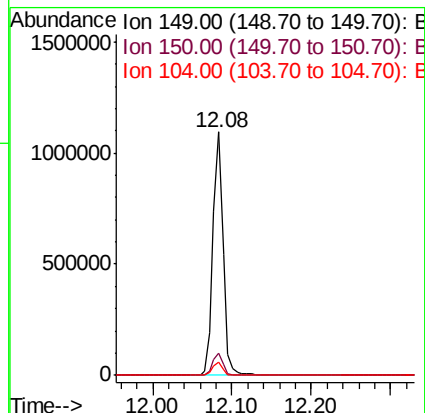
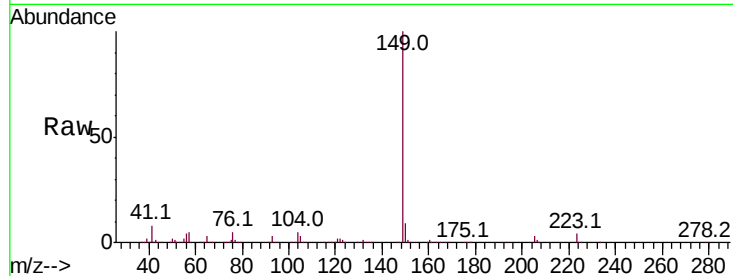
ClientSampleId :

PB112381BSD

Tot Ion:	149	Resp:	974872
Ion Ratio	Lower	Upper	
149	100		
150	9.3	7.8	11.6
104	5.2	3.8	5.8

Manual Integrations
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#74

Fluoranthene

Concen: 43.464 ng

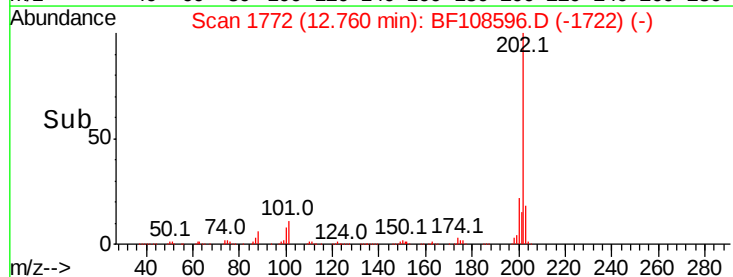
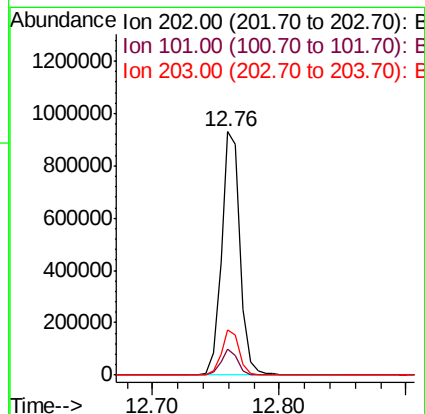
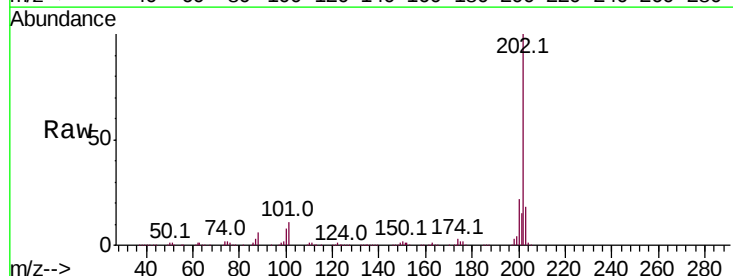
RT: 12.76 min Scan# 1772

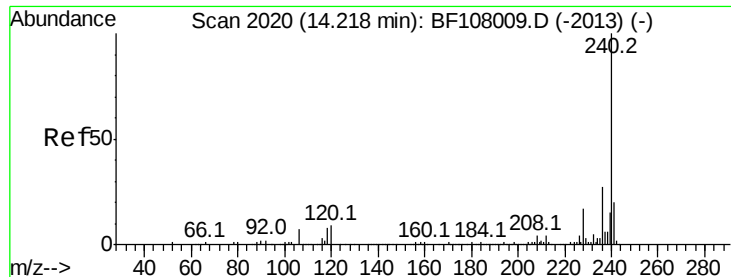
Delta R.T. -0.01 min

Lab File: BF108596.D

Acq: 29 Aug 2018 11:25

Tgt Ion:	202	Resp:	944505
Ion Ratio	Lower	Upper	
202	100		
101	10.7	0.0	34.1
203	18.3	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: BF108596.D

Acq: 29 Aug 2018 11:25

Instrument :

BNA_F

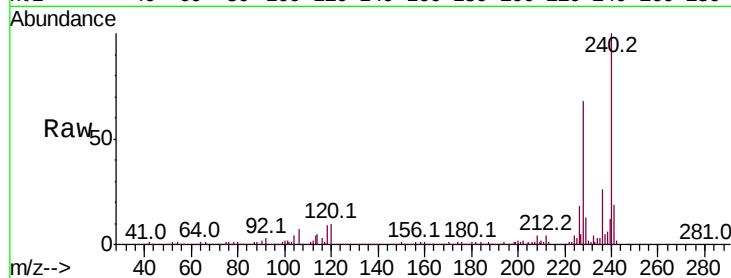
ClientSampleId :

PB112381BSD

Tot Ion	Ratio	Lower	Upper
240	100		
120	10.1	9.5	14.3
236	26.5	20.7	31.1

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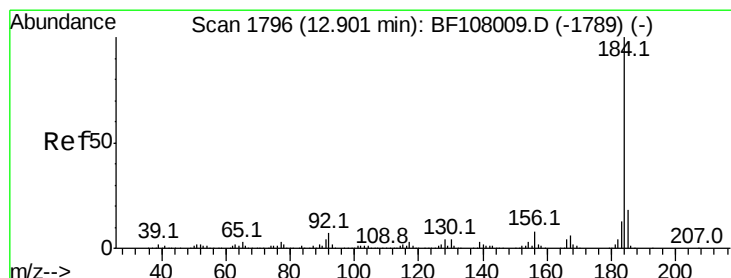
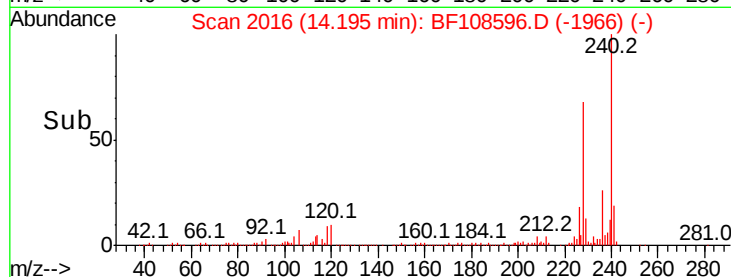
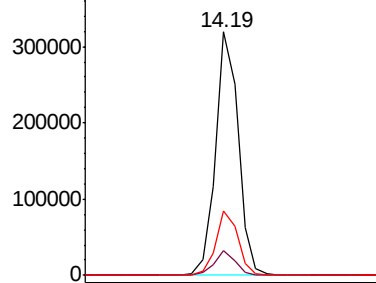


Abundance

Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 41.211 ng

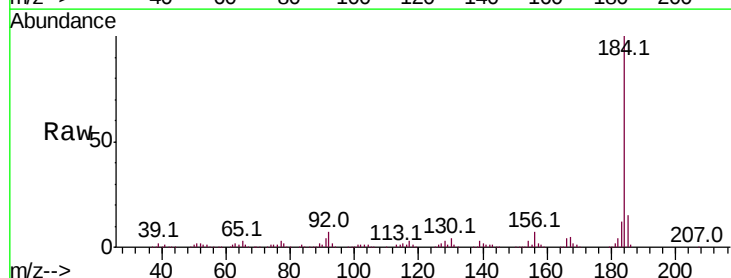
RT: 12.88 min Scan# 1793

Delta R.T. -0.00 min

Lab File: BF108596.D

Acq: 29 Aug 2018 11:25

Tgt Ion	Ratio	Lower	Upper
184	100		
185	14.9	12.6	18.8
183	12.3	9.3	13.9

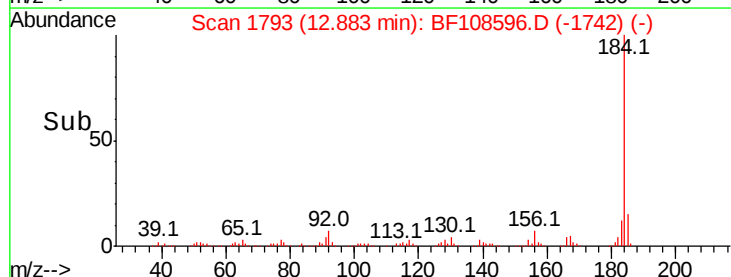
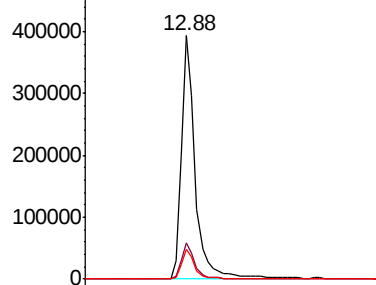


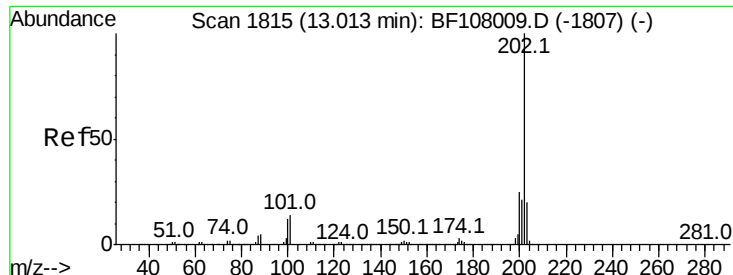
Abundance

Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





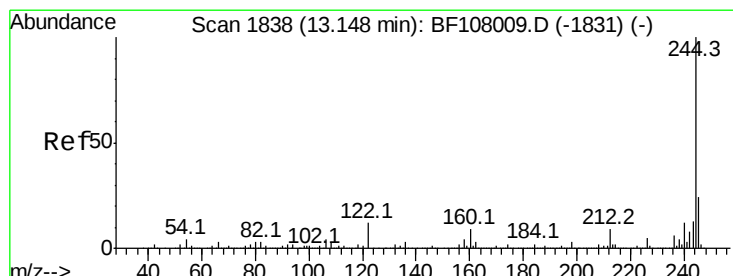
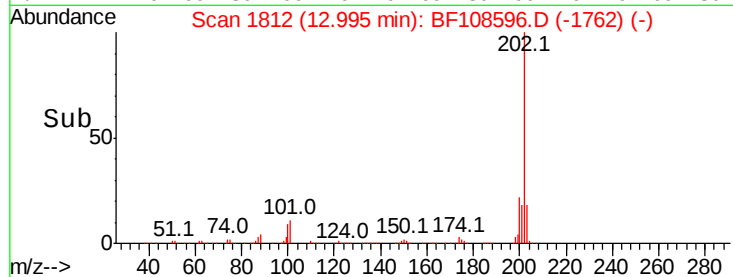
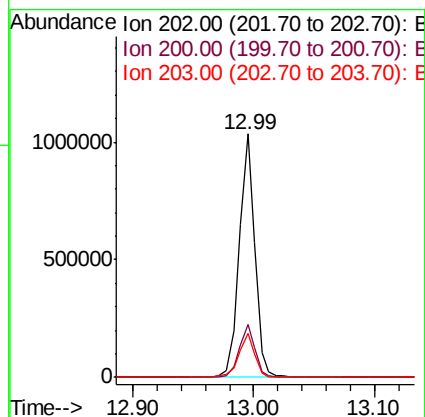
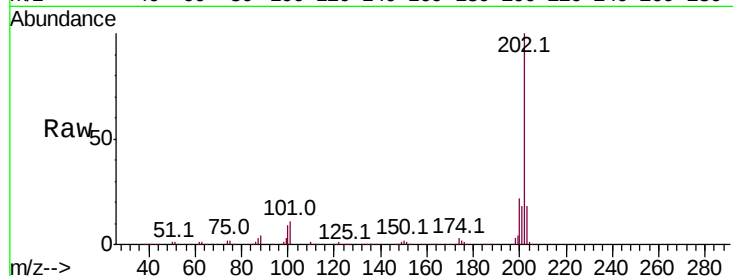
#77
Pvrene
Concen: 53.356 ng
RT: 12.99 min Scan# 1812
Delta R.T. -0.01 min
Lab File: BF108596.D
Acq: 29 Aug 2018 11:25

Instrument :
BNA_F
ClientSampleId :
PB112381BSD

Tot Ion	Ratio	Resp	Lower	Upper
202	100			
200	21.9	17.4	26.2	
203	17.9	14.3	21.5	

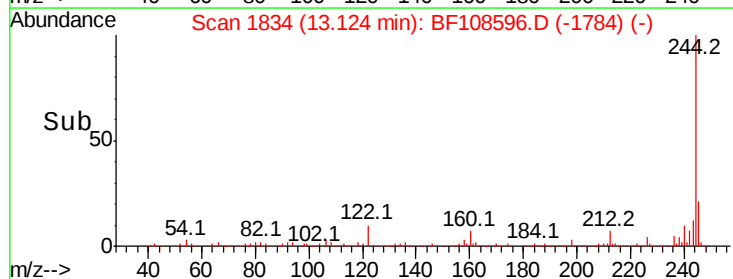
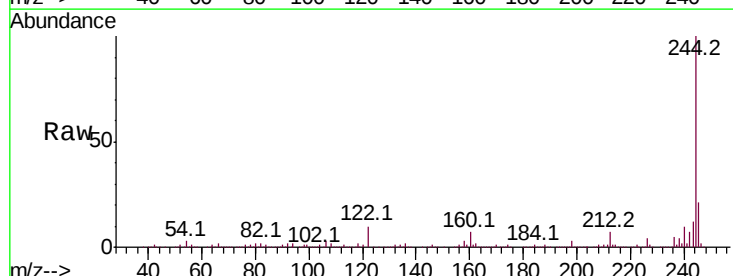
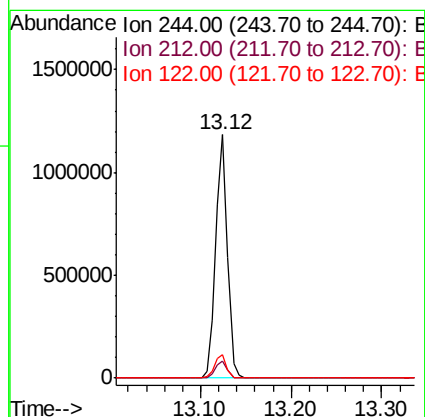
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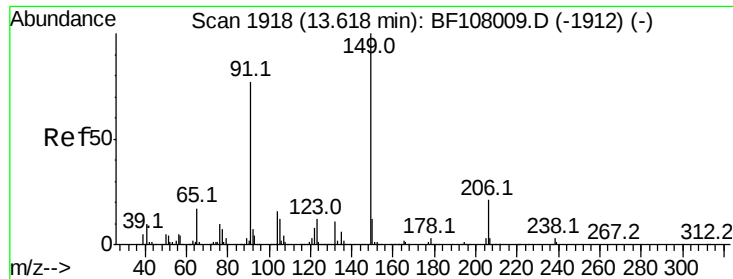
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#78
Terphenyl-d14
Concen: 98.342 ng
RT: 13.12 min Scan# 1834
Delta R.T. -0.01 min
Lab File: BF108596.D
Acq: 29 Aug 2018 11:25

Tgt Ion	Ratio	Resp	Lower	Upper
244	100			
212	7.2	5.4	8.0	
122	9.5	11.0	16.4	





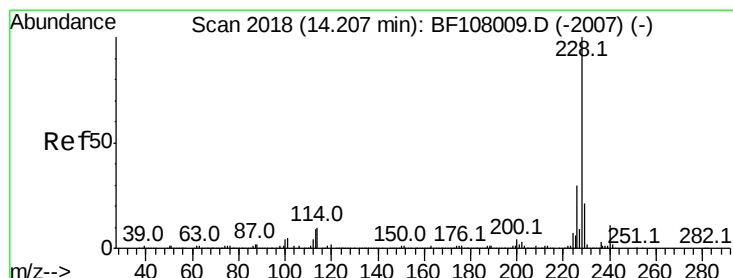
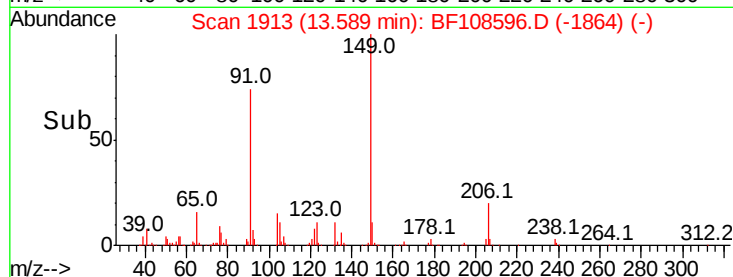
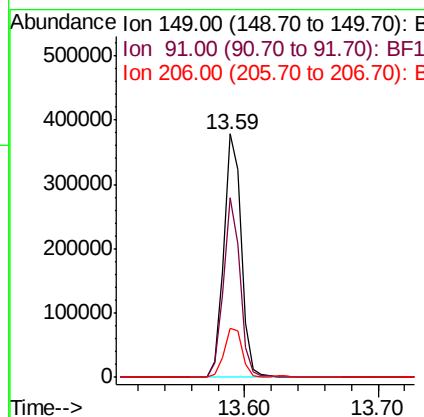
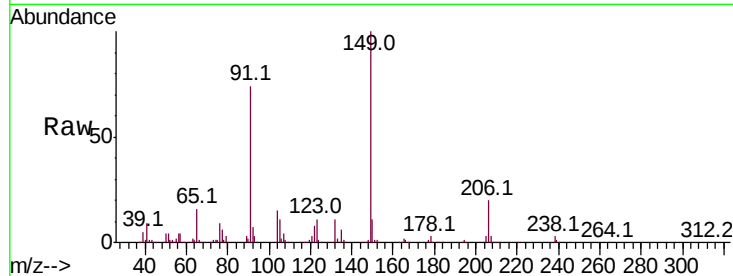
#79
Butylbenzylphthalate
Concen: 50.895 ng
RT: 13.59 min Scan# 1913
Delta R.T. -0.01 min
Lab File: BF108596.D
Acq: 29 Aug 2018 11:25

Instrument :
BNA_F
ClientSampleId :
PB112381BSD

Tot Ion	Ratio	Resp	Lower	Upper
149	100			
91	73.7	56.8	85.2	
206	20.2	14.1	21.1	

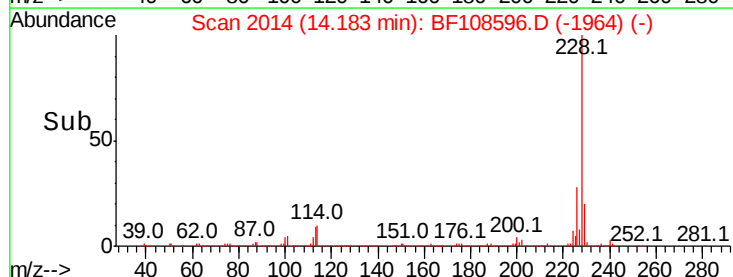
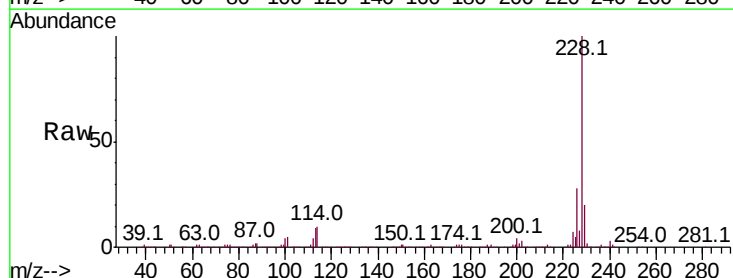
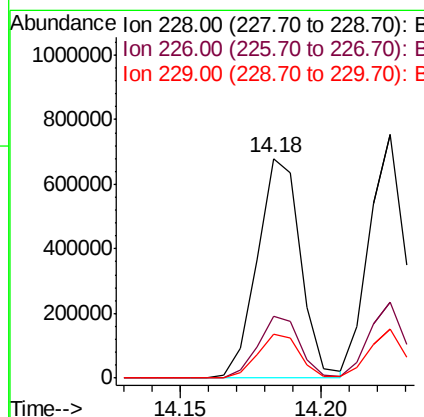
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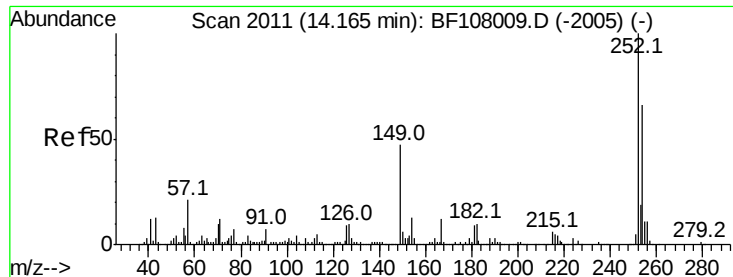
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#80
Benzo(a)anthracene
Concen: 45.637 ng
RT: 14.18 min Scan# 2014
Delta R.T. -0.01 min
Lab File: BF108596.D
Acq: 29 Aug 2018 11:25

Tgt Ion	Ratio	Resp	Lower	Upper
228	100			
226	27.9	22.6	33.8	
229	20.0	15.8	23.6	





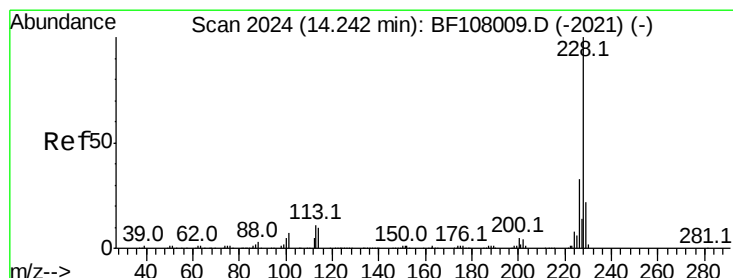
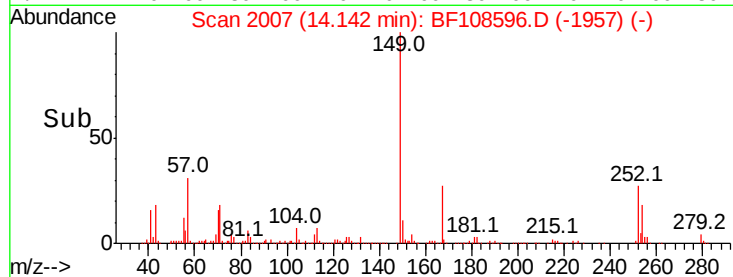
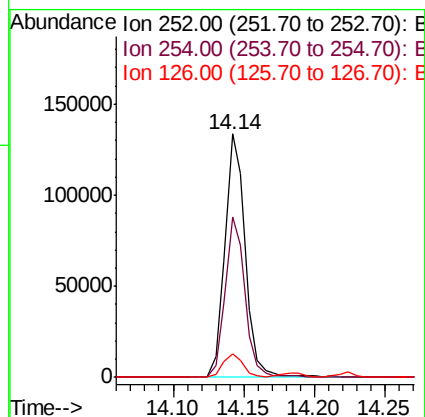
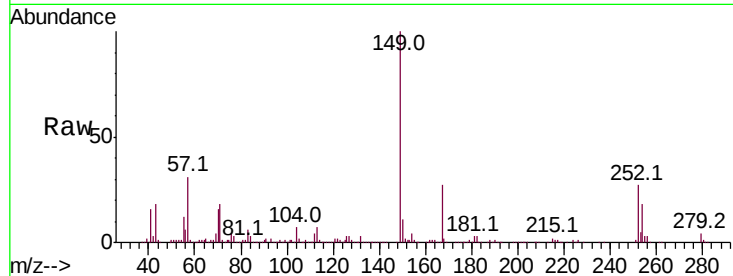
#81
 3,3'-Dichlorobenzidine
 Concen: 23.518 ng
 RT: 14.14 min Scan# 2007
 Delta R.T. -0.01 min
 Lab File: BF108596.D
 Acq: 29 Aug 2018 11:25

Instrument :
 BNA_F
 ClientSampleId :
 PB112381BSD

Tot Ion	Ratio	Resp Lower	Upper
252	100		
254	66.1	50.4	75.6
126	9.5	11.3	16.9#

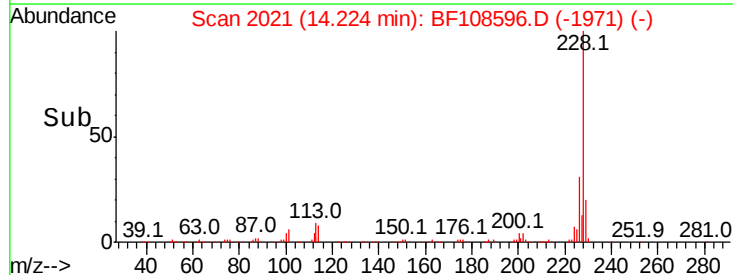
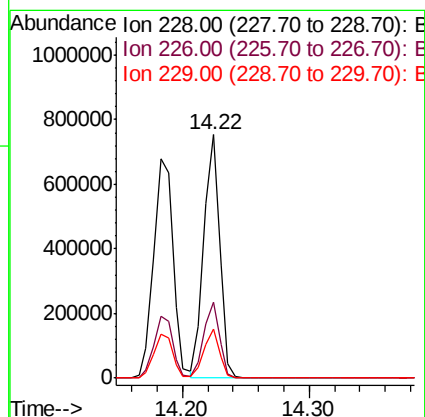
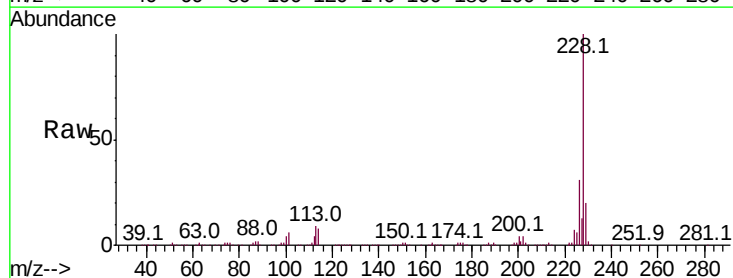
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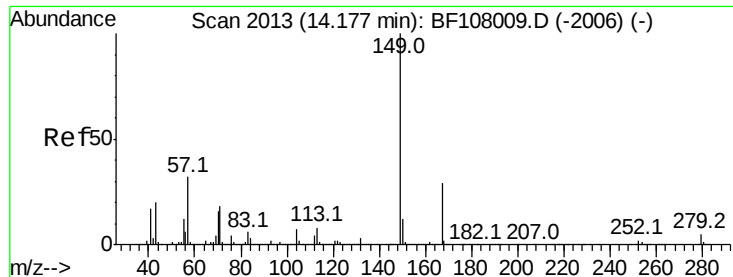
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#82
 Chrysene
 Concen: 45.254 ng
 RT: 14.22 min Scan# 2021
 Delta R.T. -0.01 min
 Lab File: BF108596.D
 Acq: 29 Aug 2018 11:25

Tgt Ion	Ratio	Resp Lower	Upper
228	100		
226	31.0	25.0	37.6
229	20.0	16.2	24.4





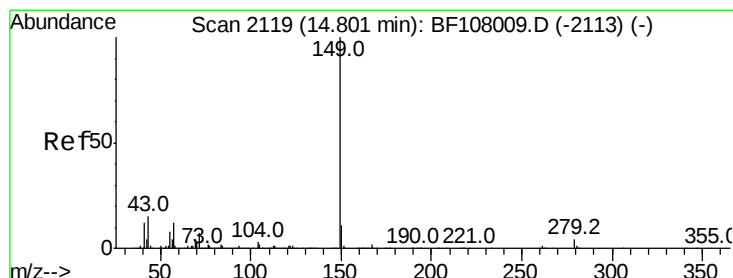
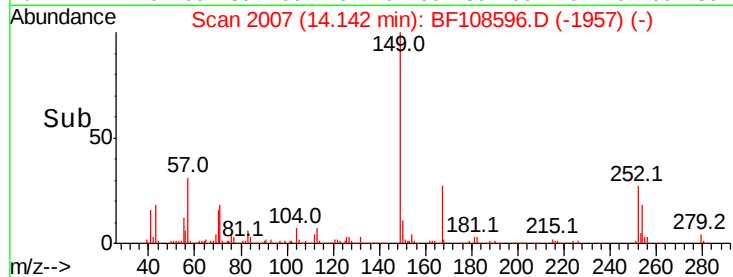
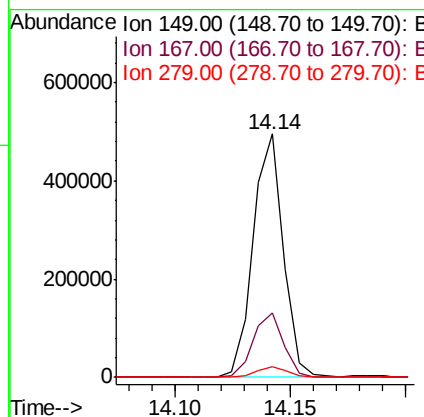
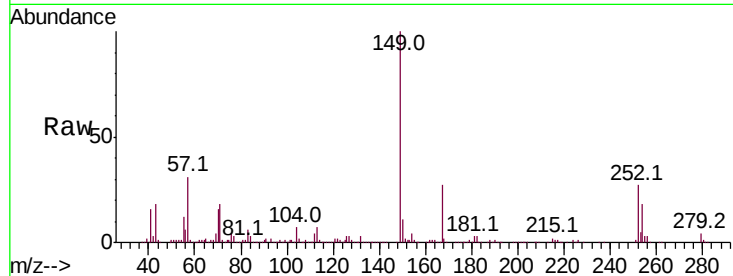
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 48.036 ng
 RT: 14.14 min Scan# 2007
 Delta R.T. -0.01 min
 Lab File: BF108596.D
 Acq: 29 Aug 2018 11:25

Instrument :
 BNA_F
 ClientSampleId :
 PB112381BSD

Tot Ion:	149	Resp:	452272
Ion Ratio	Lower	Upper	
149	100		
167	26.7	21.3	31.9
279	4.4	3.0	4.4

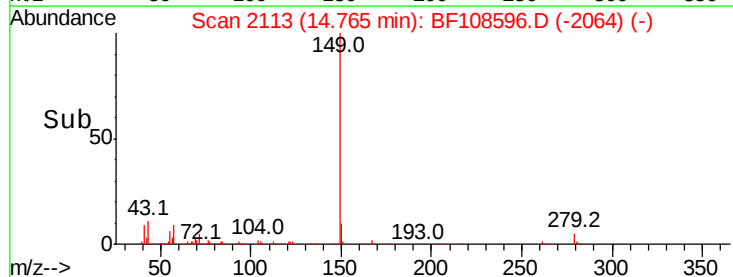
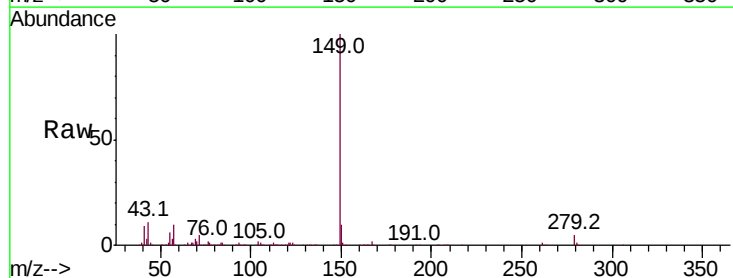
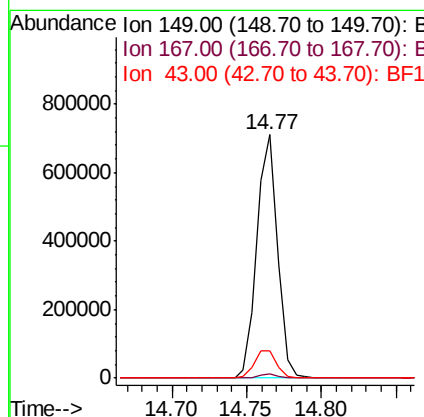
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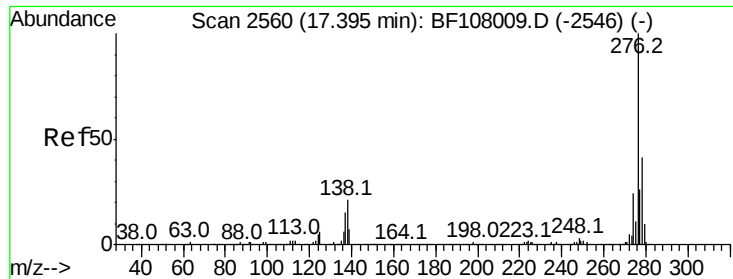
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#84
 Di-n-octyl phthalate
 Concen: 47.051 ng
 RT: 14.77 min Scan# 2113
 Delta R.T. -0.01 min
 Lab File: BF108596.D
 Acq: 29 Aug 2018 11:25

Tgt Ion:	149	Resp:	675615
Ion Ratio	Lower	Upper	
149	100		
167	1.6	1.2	1.8
43	11.8	8.4	12.6





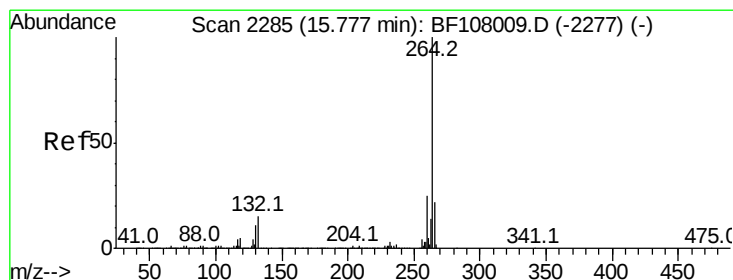
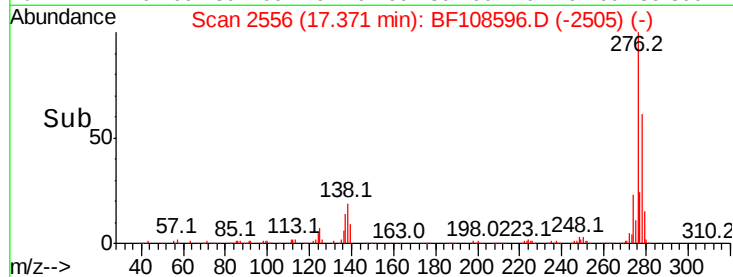
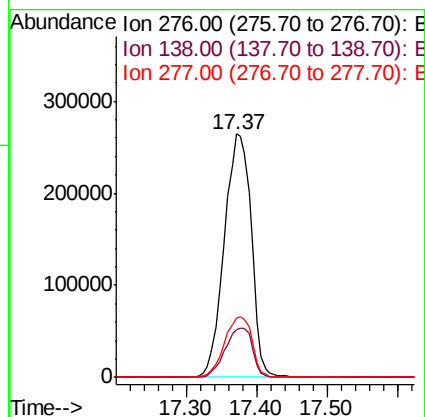
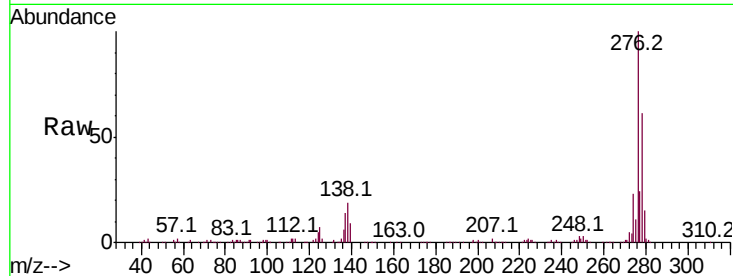
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 55.534 ng
 RT: 17.37 min Scan# 2556
 Delta R.T. -0.00 min
 Lab File: BF108596.D
 Acq: 29 Aug 2018 11:25

Instrument :
 BNA_F
 ClientSampleId :
 PB112381BSD

Tot Ion:	276	Resp:	700189
Ion Ratio	Lower	Upper	
276	100		
138	20.6	25.0	37.6#
277	25.2	20.1	30.1

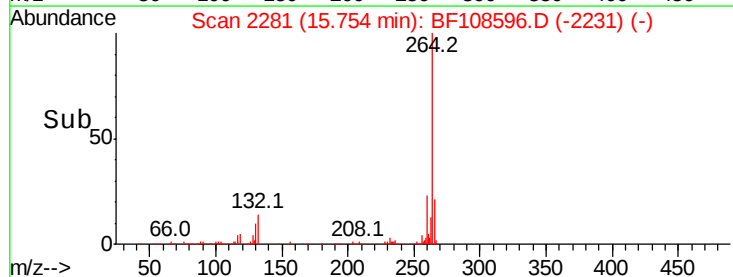
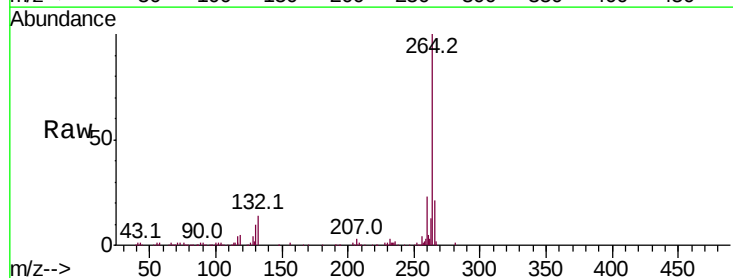
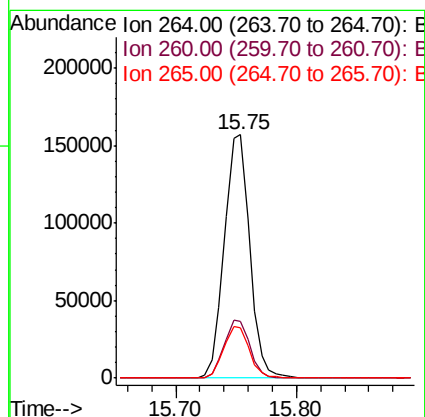
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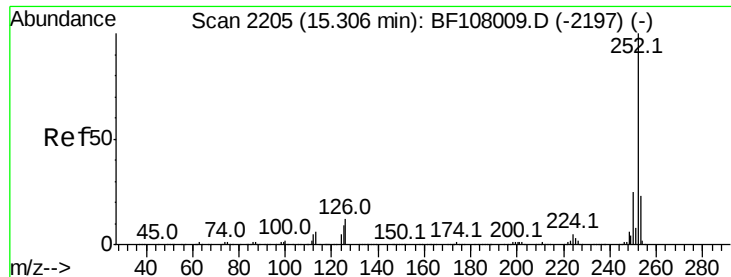
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#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.75 min Scan# 2281
 Delta R.T. -0.01 min
 Lab File: BF108596.D
 Acq: 29 Aug 2018 11:25

Tgt Ion:	264	Resp:	228649
Ion Ratio	Lower	Upper	
264	100		
260	23.2	19.2	28.8
265	20.6	17.5	26.3





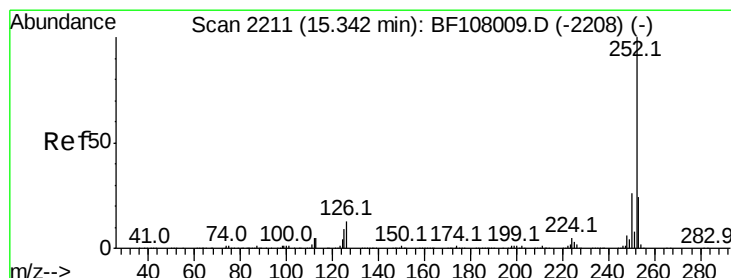
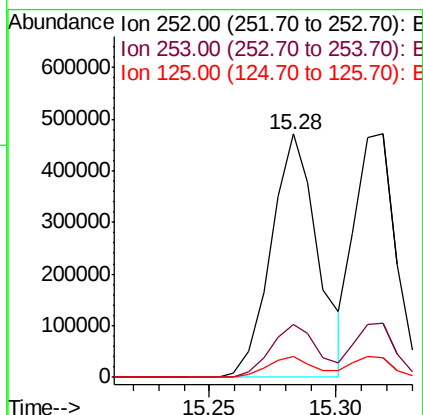
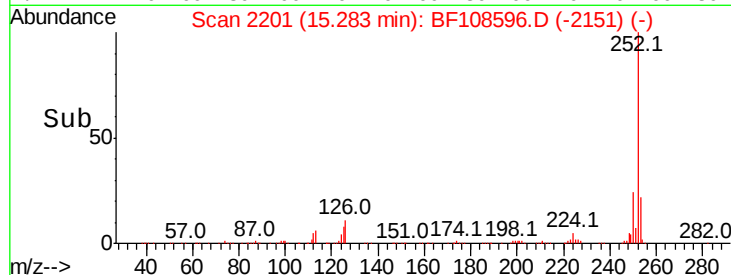
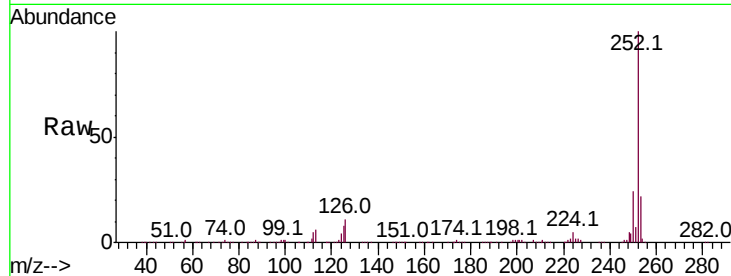
#87
Benzo(b)fluoranthene
Concen: 44.354 ng
RT: 15.28 min Scan# 2201
Delta R.T. -0.01 min
Lab File: BF108596.D
Acq: 29 Aug 2018 11:25

Instrument :
BNA_F
ClientSampleId :
PB112381BSD

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.7	17.0	25.6
125	8.5	9.0	13.6

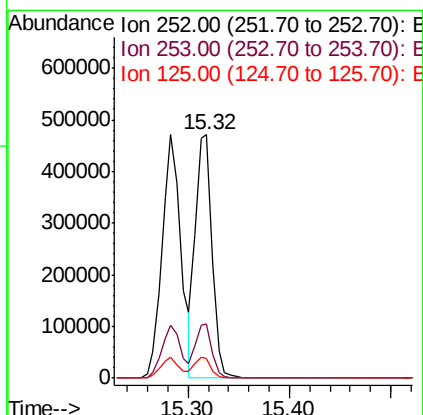
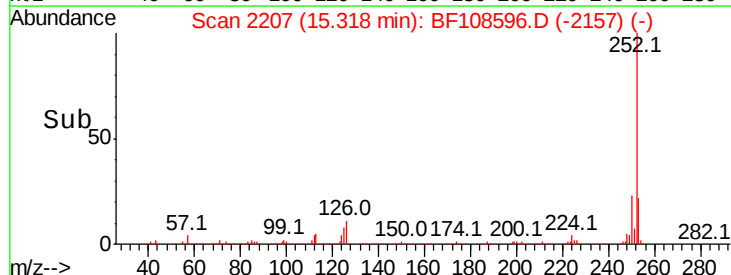
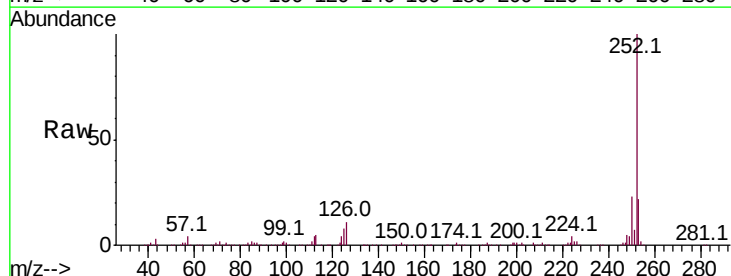
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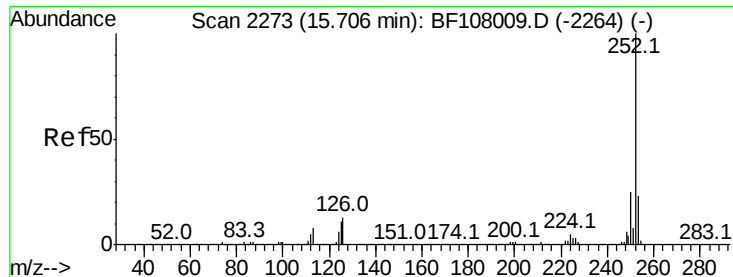
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#88
Benzo(k)fluoranthene
Concen: 42.486 ng
RT: 15.32 min Scan# 2207
Delta R.T. -0.01 min
Lab File: BF108596.D
Acq: 29 Aug 2018 11:25

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.1	17.9	26.9
125	7.8	10.2	15.2





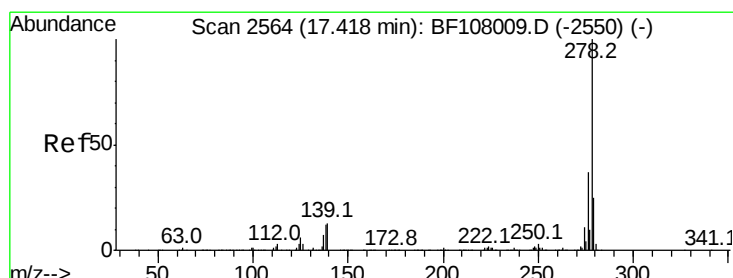
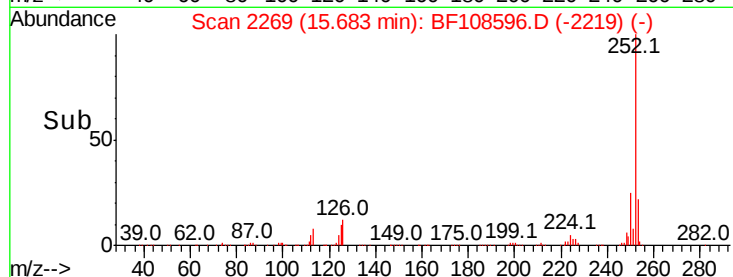
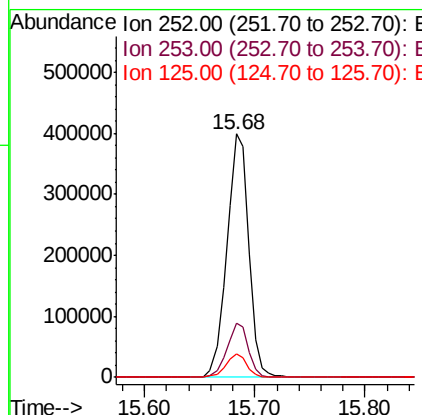
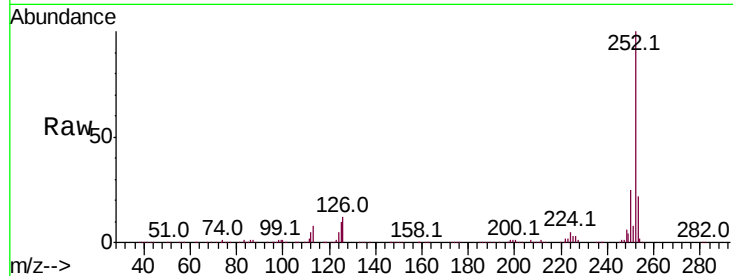
#89
Benzo(a)pyrene
Concen: 45.338 ng
RT: 15.68 min Scan# 2269
Delta R.T. -0.01 min
Lab File: BF108596.D
Acq: 29 Aug 2018 11:25

Instrument :
BNA_F
ClientSampleId :
PB112381BSD

Tot Ion	Ratio	Resp Lower	Upper
252	100		
253	22.3	17.1	25.7
125	9.6	9.8	14.6

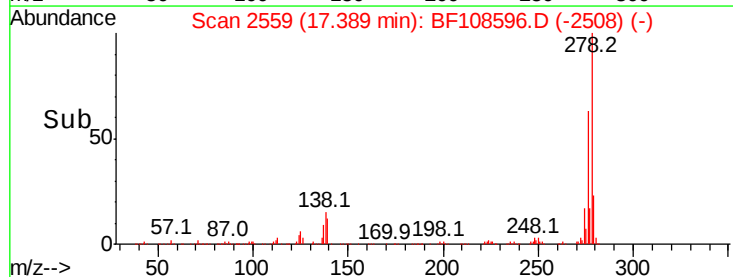
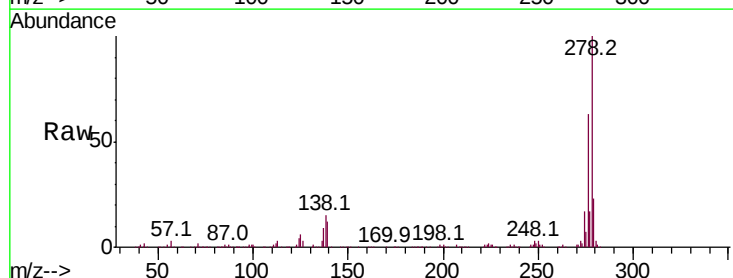
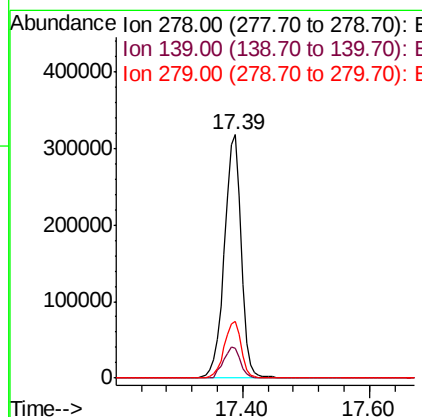
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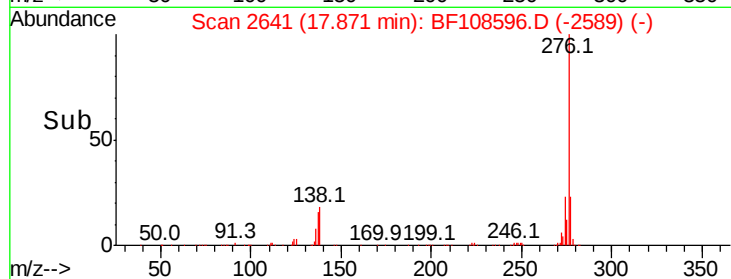
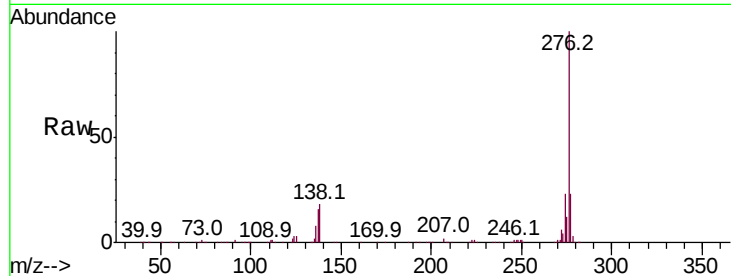
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#90
Dibenzo(a,h)anthracene
Concen: 58.009 ng
RT: 17.39 min Scan# 2559
Delta R.T. -0.00 min
Lab File: BF108596.D
Acq: 29 Aug 2018 11:25

Tgt Ion	Ratio	Resp Lower	Upper
278	100		
139	12.5	15.9	23.9
279	23.3	19.0	28.4





#91
 Benzo(a,h,i)perylene
 Concen: 60.589 ng
 RT: 17.87 min Scan# 2641
 Delta R.T. 0.01 min
 Lab File: BF108596.D
 Acq: 29 Aug 2018 11:25

Instrument :
 BNA_F
 ClientSampleId :
 PB112381BSD

Tot Ion	Ratio	Lower	Upper
276	100		
277	23.1	17.9	26.9
138	17.7	21.8	32.8

Manual Integrations
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