

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF083018\
 Data File : BF108683.D
 Acq On : 31 Aug 2018 11:17
 Operator : JU/SJ
 Sample : PB112495BS
 Misc :
 ALS Vial : 42 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB112495BS

Manual Integrations
 APPROVED

Sohil
 8/31/2018 12:19:27 PM

Quant Time: Aug 31 12:09:53 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF083018.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Aug 30 15:06:55 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.00	152	89459	20.00	ng	0.00
21) Naphthalene-d8	8.28	136	355976	20.00	ng	0.00
38) Acenaphthene-d10	10.04	164	174749	20.00	ng	0.00
63) Phenanthrene-d10	11.54	188	310560	20.00	ng	0.00
75) Chrysene-d12	14.20	240	277376	20.00	ng	0.00
86) Perylene-d12	15.75	264	246325	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.64	112	259299	50.35	ng	0.00
7) Phenol-d6	6.64	99	517605	70.18	ng	-0.01
23) Nitrobenzene-d5	7.57	82	558543	79.64	ng	0.00
41) 2,4,6-Tribromophenol	10.84	330	154818	67.11	ng	0.00
44) 2-Fluorobiphenyl	9.35	172	1114802	85.78	ng	0.00
78) Terphenyl-d14	13.12	244	980760	68.70	ng	-0.01

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.91	88	64566	26.979	ng	95
3) Pyridine	3.71	79	144807m	26.189	ng	
4) n-Nitrosodimethylamine	3.70	42	64206m	23.278	ng	
6) Aniline	6.69	93	177928	22.356	ng	# 83
8) 2-Chlorophenol	6.79	128	227058	36.062	ng	92
9) Benzaldehyde	6.58	77	100180m	21.976	ng	
10) Phenol	6.65	94	292703	34.032	ng	82
11) bis(2-Chloroethyl)ether	6.73	93	253534	33.477	ng	97
12) 1,3-Dichlorobenzene	6.94	146	234936	32.181	ng	100
13) 1,4-Dichlorobenzene	7.02	146	279040	35.016	ng	98
14) 1,2-Dichlorobenzene	7.17	146	244706	33.435	ng	98
15) Benzyl Alcohol	7.15	79	140459m	26.474	ng	
16) 2,2'-oxybis(1-Chloropropan	7.26	45	407542	35.077	ng	70
17) 2-Methylphenol	7.25	107	170210	34.769	ng	# 63
18) Hexachloroethane	7.50	117	86352	31.509	ng	92
19) n-Nitroso-di-n-propylamine	7.40	70	163964	33.196	ng	90
20) 3+4-Methylphenols	7.41	107	197944	32.272	ng	# 23
22) Acetophenone	7.41	105	348975	39.270	ng	# 89
24) Nitrobenzene	7.58	77	235888	33.172	ng	92
25) Isophorone	7.81	82	475706	40.833	ng	97
26) 2-Nitrophenol	7.90	139	107944	33.532	ng	90
27) 2,4-Dimethylphenol	7.93	122	191865	40.981	ng	97
28) bis(2-Chloroethoxy)methane	8.02	93	276663	37.593	ng	98
29) 2,4-Dichlorophenol	8.15	162	202478	36.454	ng	97
30) 1,2,4-Trichlorobenzene	8.22	180	222275	35.787	ng	96
31) Naphthalene	8.30	128	703856	41.512	ng	99
32) Benzoic acid	8.06	122	104466m	34.794	ng	
33) 4-Chloroaniline	8.37	127	155161	20.730	ng	95
34) Hexachlorobutadiene	8.41	225	142186	34.865	ng	97
35) Caprolactam	8.72	113	49262	33.285	ng	# 82
36) 4-Chloro-3-methylphenol	8.84	107	203904	34.205	ng	98
37) 2-Methylnaphthalene	9.00	142	463648	40.416	ng	98
39) 1,2,4,5-Tetrachlorobenzene	9.16	216	242121	39.027	ng	97
40) Hexachlorocyclopentadiene	9.14	237	40296	21.119	ng	95

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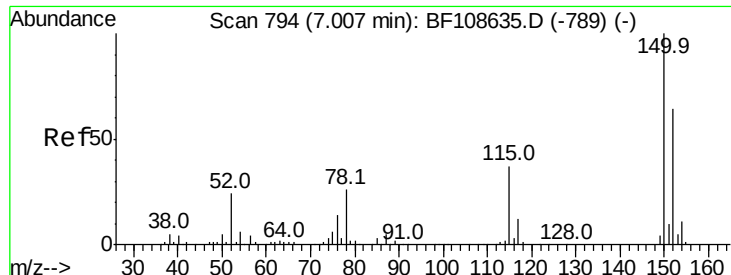
Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.28	196	131054	35.672	ng	100
43) 2,4,5-Trichlorophenol	9.33	196	155498	36.296	ng	95
45) 1,1'-Biphenyl	9.46	154	590905	38.842	ng	97
46) 2-Chloronaphthalene	9.49	162	441226	37.047	ng	98
47) 2-Nitroaniline	9.60	65	143085	35.921	ng	90
48) Acenaphthylene	9.91	152	697782	40.019	ng	100
49) Dimethylphthalate	9.75	163	527266	38.317	ng	# 99
50) 2,6-Dinitrotoluene	9.82	165	111894	36.890	ng	# 81
51) Acenaphthene	10.08	154	382315	36.672	ng	100
52) 3-Nitroaniline	10.02	138	86929	26.492	ng	92
53) 2,4-Dinitrophenol	10.12	184	44954	43.586	ng	# 47
54) Dibenzofuran	10.25	168	608407	37.295	ng	97
55) 4-Nitrophenol	10.20	139	78164	39.877	ng	# 79
56) 2,4-Dinitrotoluene	10.24	165	140056	34.873	ng	# 91
57) Fluorene	10.60	166	479696	37.944	ng	99
58) 2,3,4,6-Tetrachlorophenol	10.37	232	143921	37.500	ng	# 81
59) Diethylphthalate	10.45	149	513163	37.015	ng	98
60) 4-Chlorophenyl-phenylether	10.58	204	253972	35.402	ng	95
61) 4-Nitroaniline	10.64	138	90353	28.456	ng	94
62) Azobenzene	10.74	77	502241	36.447	ng	93
64) 4,6-Dinitro-2-methylphenol	10.65	198	33211	24.101	ng	84
65) n-Nitrosodiphenylamine	10.70	169	433522	42.016	ng	96
66) 4-Bromophenyl-phenylether	11.07	248	159831	41.875	ng	90
67) Hexachlorobenzene	11.14	284	158034	38.431	ng	# 86
68) Atrazine	11.22	200	137215	50.711	ng	95
69) Pentachlorophenol	11.34	266	130336	59.649	ng	96
70) Phenanthrene	11.57	178	631903	40.311	ng	99
71) Anthracene	11.62	178	704306	42.761	ng	100
72) Carbazole	11.78	167	575809	36.155	ng	99
73) Di-n-butylphthalate	12.08	149	758649	41.403	ng	99
74) Fluoranthene	12.76	202	696836	39.493	ng	94
76) Benzidine	12.90	184	220085	28.188	ng	99
77) Pyrene	12.99	202	693812	33.275	ng	100
79) Butylbenzylphthalate	13.58	149	295527	33.706	ng	96
80) Benzo(a)anthracene	14.18	228	659434	38.998	ng	100
81) 3,3'-Dichlorobenzidine	14.14	252	241370	39.360	ng	# 97
82) Chrysene	14.22	228	674753	41.494	ng	98
83) Bis(2-ethylhexyl)phthalate	14.13	149	401027	35.585	ng	100
84) Di-n-octyl phthalate	14.75	149	715791	43.199	ng	97
85) Indeno(1,2,3-cd)pyrene	17.37	276	450760	39.866	ng	# 89
87) Benzo(b)fluoranthene	15.28	252	594711	39.303	ng	# 97
88) Benzo(k)fluoranthene	15.31	252	676729	45.147	ng	# 95
89) Benzo(a)pyrene	15.68	252	568425	41.569	ng	# 97
90) Dibenzo(a,h)anthracene	17.38	278	388192	35.544	ng	# 93
91) Benzo(g,h,i)perylene	17.86	276	350917	33.060	ng	# 89

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



#1

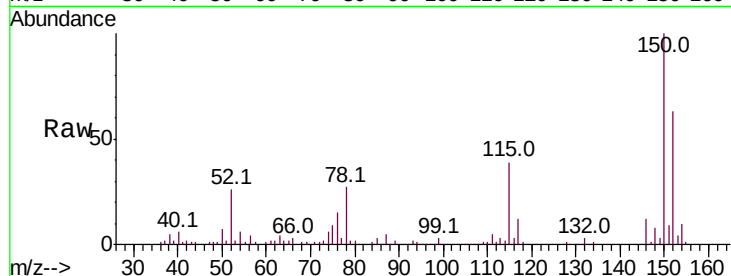
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.00 min Scan# 793
Delta R.T. -0.01 min
Lab File: BF108683.D
Acq: 31 Aug 2018 11:17

Instrument :
BNA_F
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PB112495BS

Tot Ion	Ratio	Lower	Upper
152	100		
150	158.0	124.6	186.8
115	61.1	50.1	75.1

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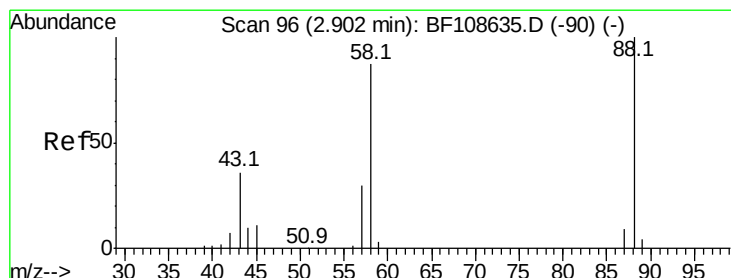
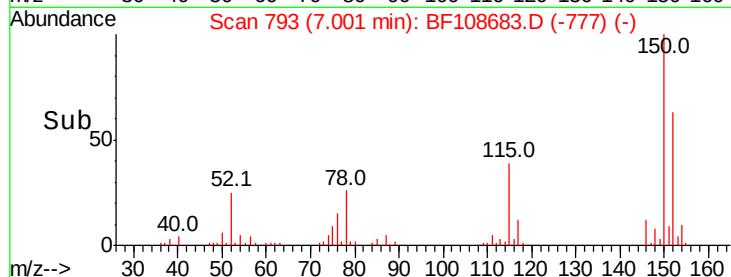
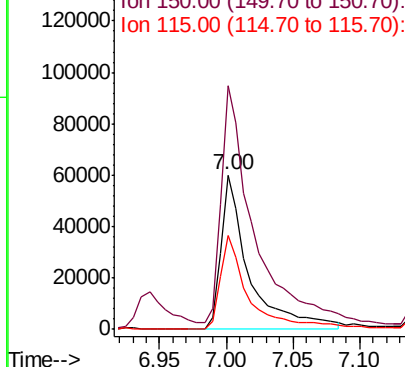


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

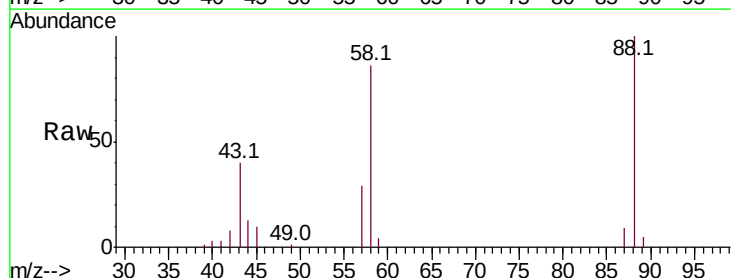
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 26.979 ng
RT: 2.91 min Scan# 98
Delta R.T. 0.01 min
Lab File: BF108683.D
Acq: 31 Aug 2018 11:17

Tgt Ion	Ratio	Lower	Upper
88	100		
58	83.1	62.6	93.8
43	32.6	24.6	37.0

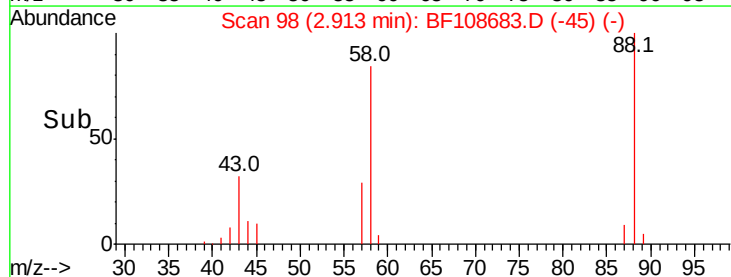
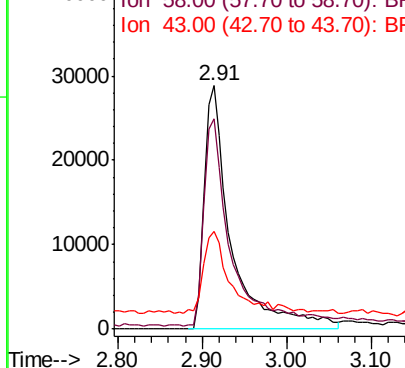


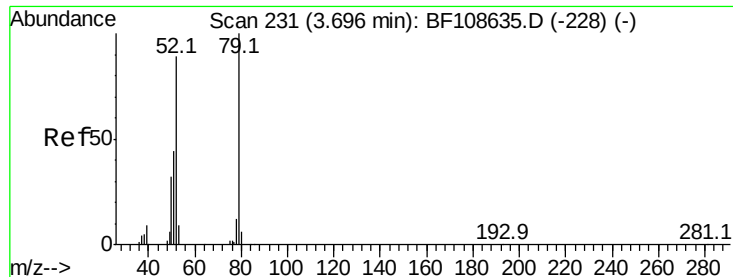
Abundance

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





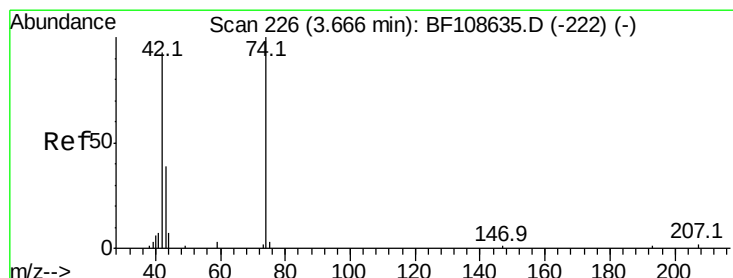
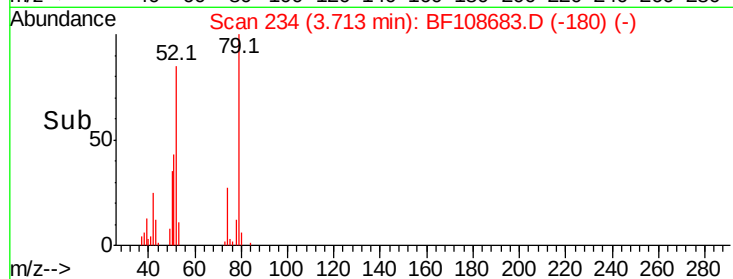
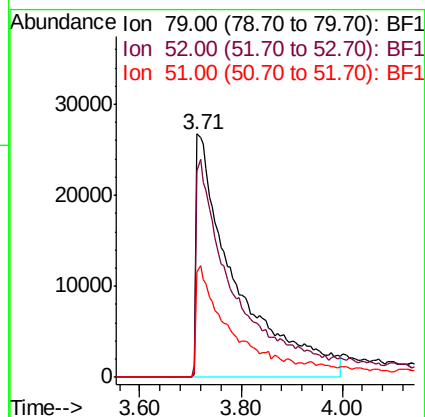
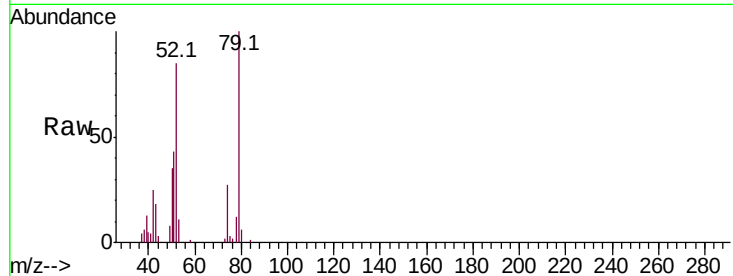
#3
 Pvridine
 Concen: 26.189 ng m
 RT: 3.71 min Scan# 234
 Delta R.T. 0.02 min
 Lab File: BF108683.D
 Acq: 31 Aug 2018 11:17

Instrument :
 BNA_F
 ClientSampleId :
 PB112495BS

Tot Ion:	79	Resp:	144807
Ion Ratio	Lower	Upper	
79	100		
52	84.8	59.8	89.6
51	43.1	29.8	44.8

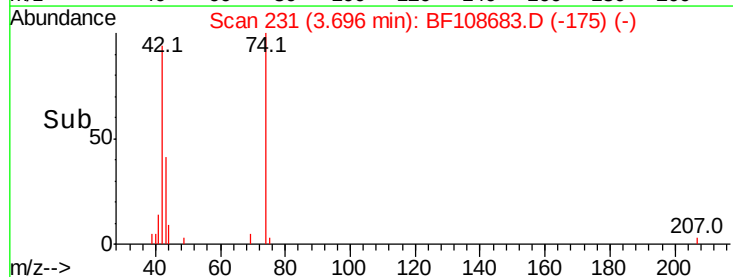
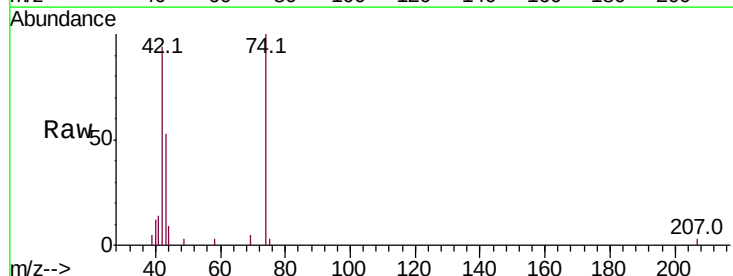
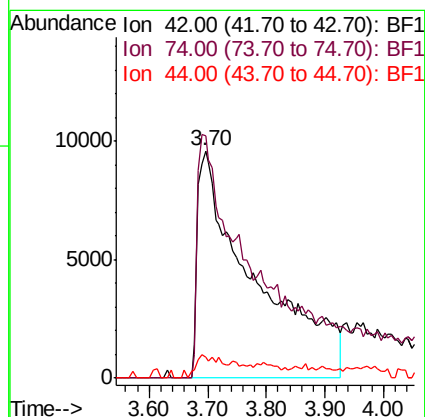
Manual Integrations
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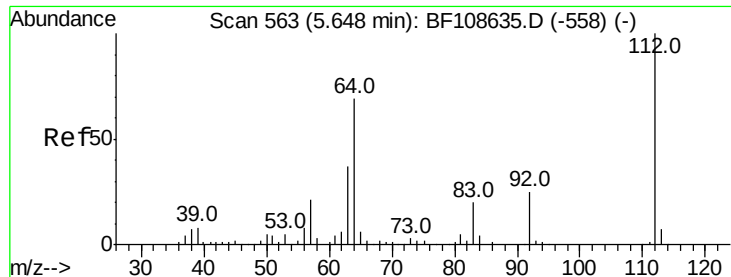
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#4
 n-Nitrosodimethylamine
 Concen: 23.278 ng m
 RT: 3.70 min Scan# 231
 Delta R.T. 0.03 min
 Lab File: BF108683.D
 Acq: 31 Aug 2018 11:17

Tgt Ion:	42	Resp:	64206
Ion Ratio	Lower	Upper	
42	100		
74	106.6	104.9	157.3
44	9.5	6.9	10.3





#5

2-Fluorophenol

Concen: 50.353 ng

RT: 5.64 min Scan# 562

Delta R.T. -0.01 min

Lab File: BF108683.D

Acq: 31 Aug 2018 11:17

Instrument :

BNA_F

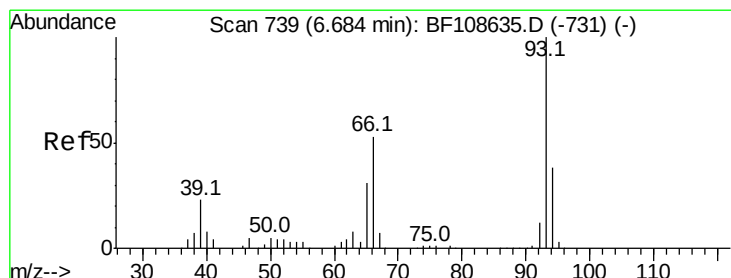
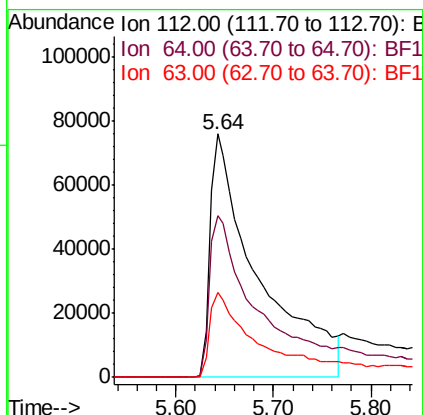
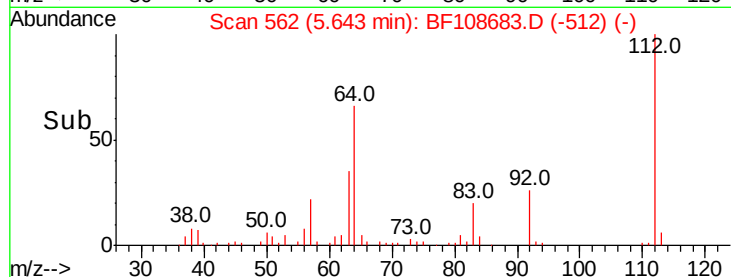
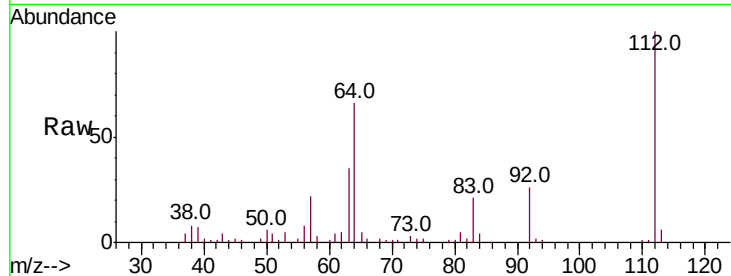
ClientSampleId :

PB112495BS

Tot Ion:	112	Resp:	259299
Ion Ratio	Lower	Upper	
112	100		
64	66.4	47.9	71.9
63	34.8	23.7	35.5

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#6

Aniline

Concen: 22.356 ng

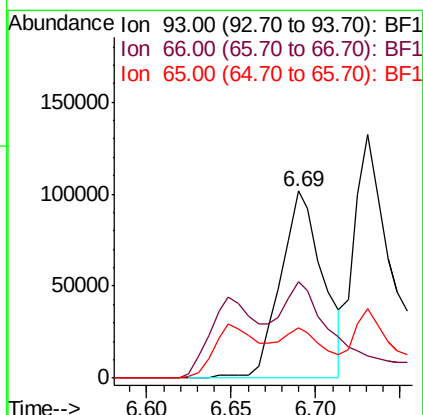
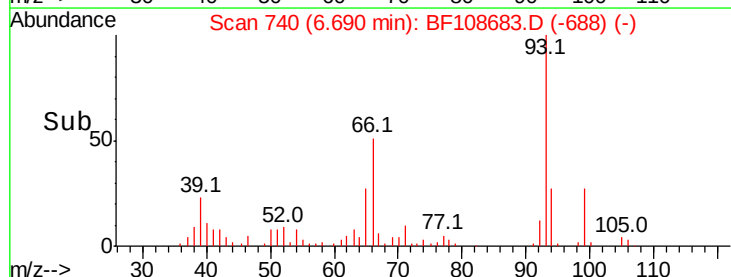
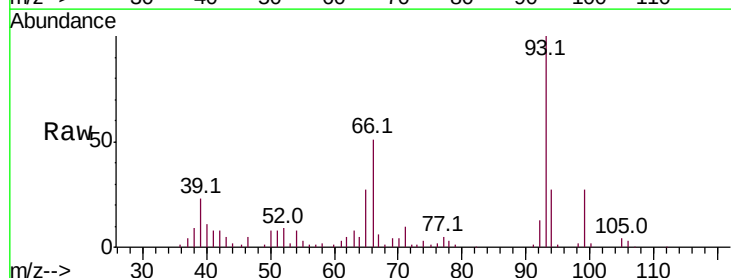
RT: 6.69 min Scan# 740

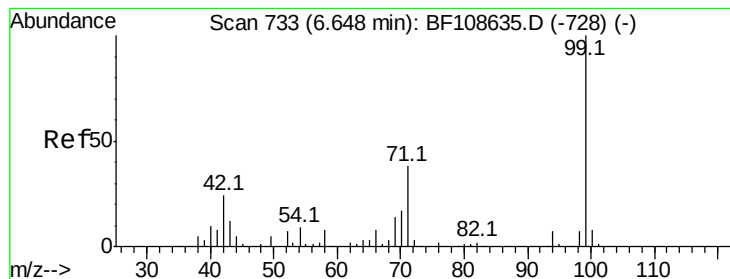
Delta R.T. 0.01 min

Lab File: BF108683.D

Acq: 31 Aug 2018 11:17

Tgt Ion:	93	Resp:	177928
Ion Ratio	Lower	Upper	
93	100		
66	51.4	32.2	48.2#
65	27.1	16.4	24.6#





#7

Phenol-d6

Concen: 70.179 ng

RT: 6.64 min Scan# 731

Delta R.T. -0.01 min

Lab File: BF108683.D

Acq: 31 Aug 2018 11:17

Instrument :

BNA_F

ClientSampleId :

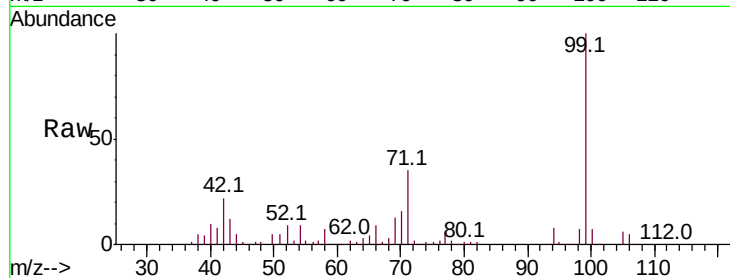
PB112495BS

Tot Ion: 99 Resp: 517605

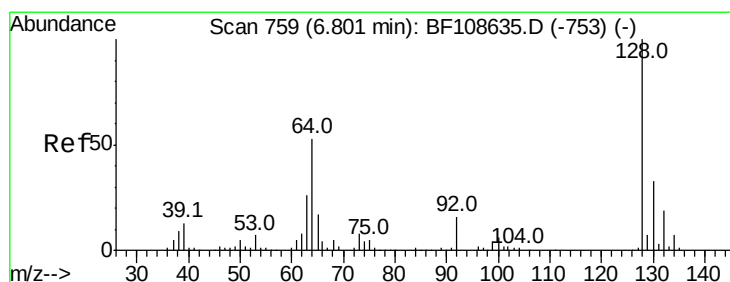
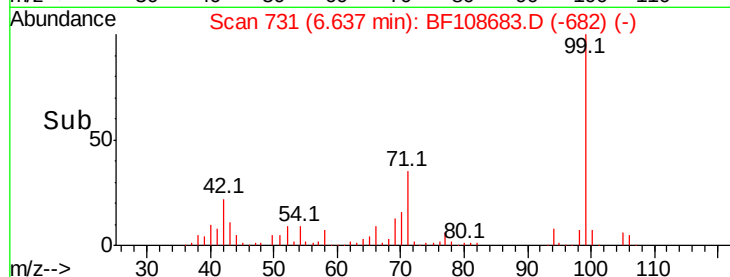
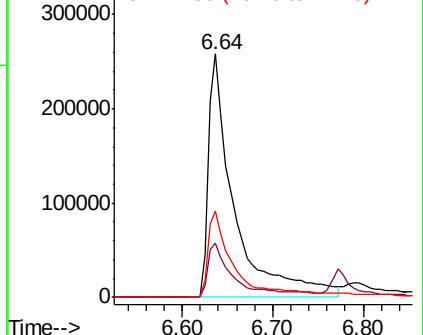
Ion	Ratio	Lower	Upper
99	100		
42	22.2	14.5	21.7#
71	35.5	25.4	38.0

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



#8

2-Chlorophenol

Concen: 36.062 ng

RT: 6.79 min Scan# 757

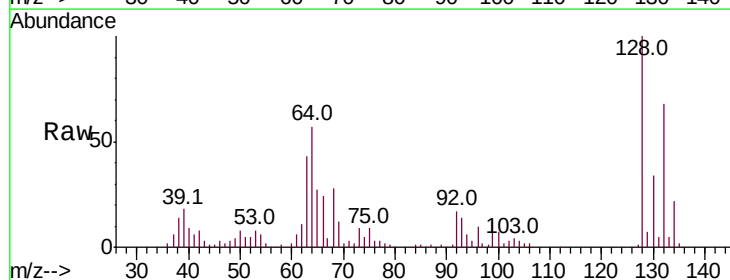
Delta R.T. -0.01 min

Lab File: BF108683.D

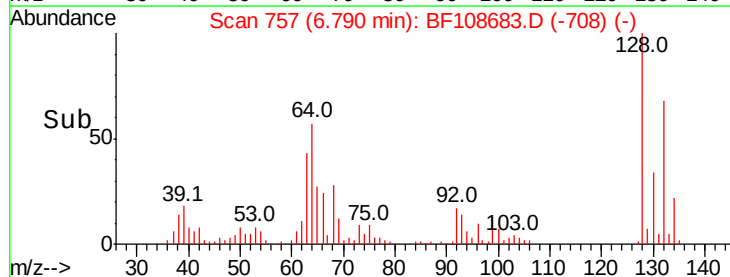
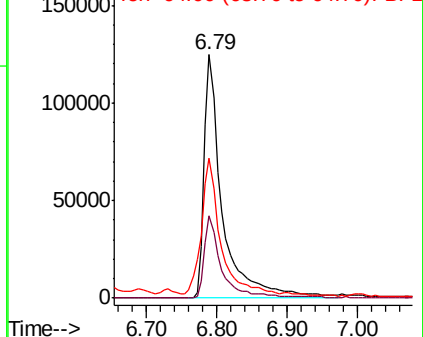
Acq: 31 Aug 2018 11:17

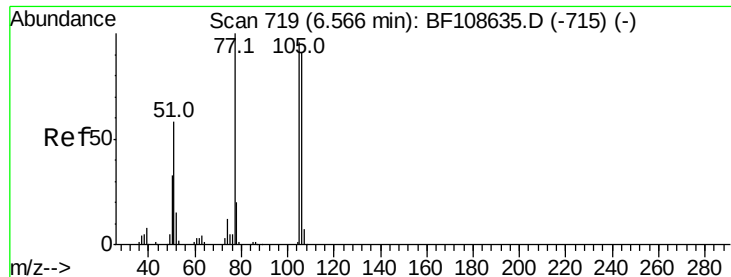
Tgt Ion: 128 Resp: 227058

Ion	Ratio	Lower	Upper
128	100		
130	33.8	13.0	53.0
64	57.4	29.4	69.4



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





#9

Benzaldehyde

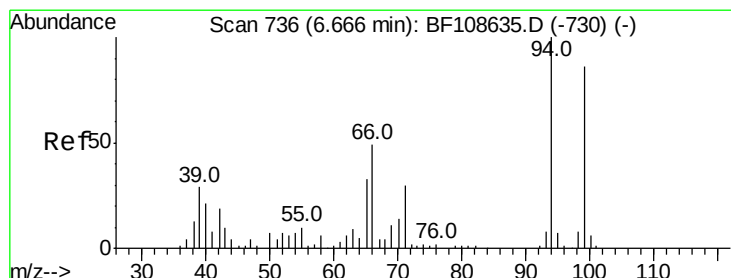
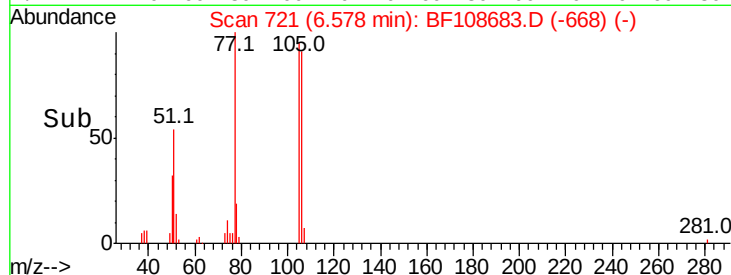
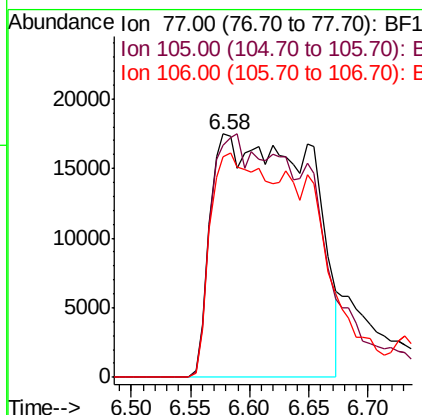
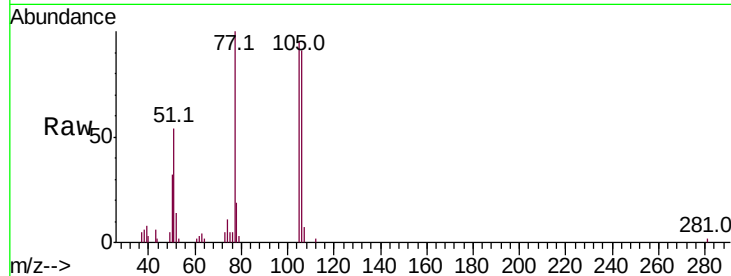
Concen: 21.976 ng/ml
 RT: 6.58 min Scan# 721
 Delta R.T. 0.01 min
 Lab File: BF108683.D
 Acq: 31 Aug 2018 11:17

Instrument :
 BNA_F
 ClientSampleId :
 PB112495BS

Tot Ion	Ratio	Lower	Upper
77	100		
105	95.4	81.1	121.1
106	90.8	74.5	114.5

Manual Integrations
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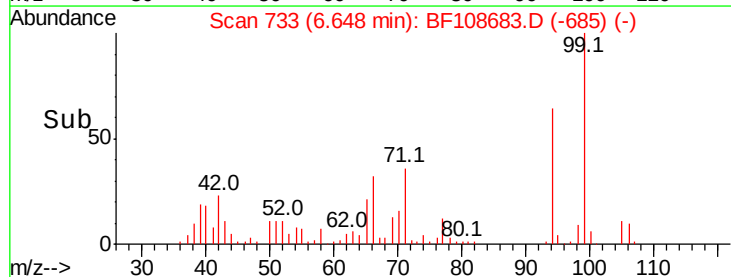
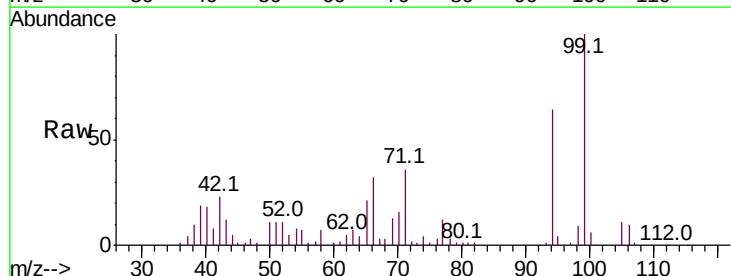
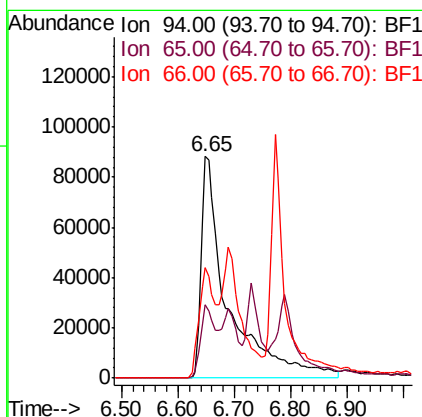


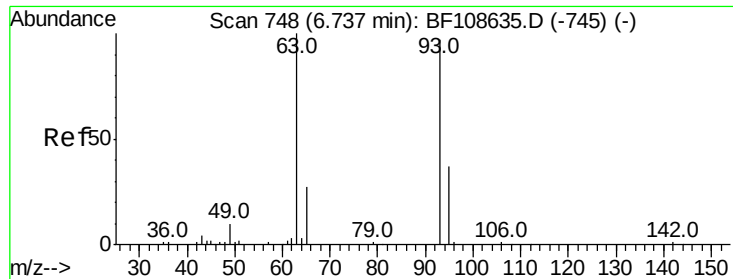
#10

Phenol

Concen: 34.032 ng/ml
 RT: 6.65 min Scan# 733
 Delta R.T. -0.02 min
 Lab File: BF108683.D
 Acq: 31 Aug 2018 11:17

Tgt Ion	Ratio	Lower	Upper
94	100		
65	33.3	7.9	47.9
66	49.8	16.2	56.2





#11

bis(2-Chloroethyl)ether

Concen: 33.477 ng

RT: 6.73 min Scan# 747

Delta R.T. -0.01 min

Lab File: BF108683.D

Acq: 31 Aug 2018 11:17

Instrument :

BNA_F

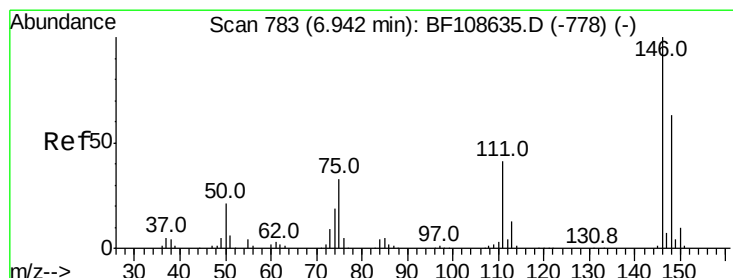
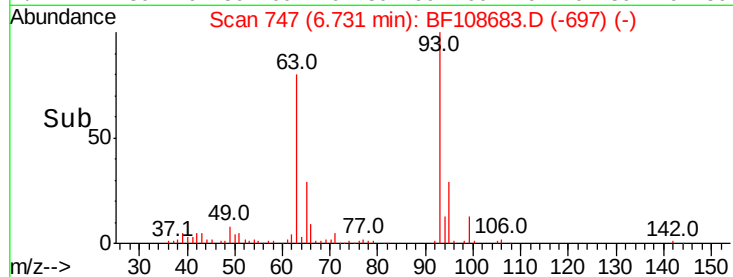
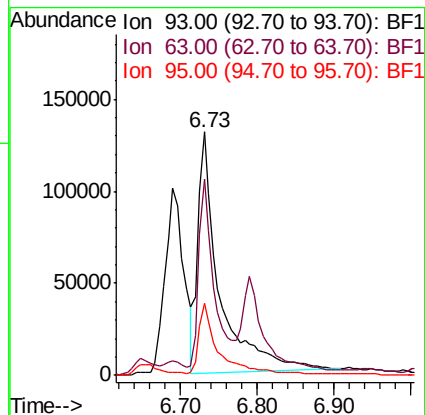
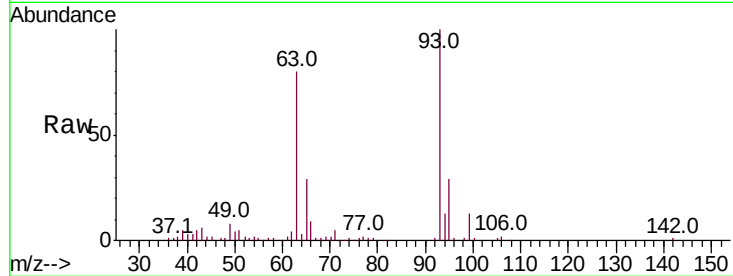
ClientSampleId :

PB112495BS

Tot Ion:	93	Resp:	253534
Ion Ratio	Lower	Upper	
93	100		
63	80.3	58.6	98.6
95	29.4	11.8	51.8

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#12

1,3-Dichlorobenzene

Concen: 32.181 ng

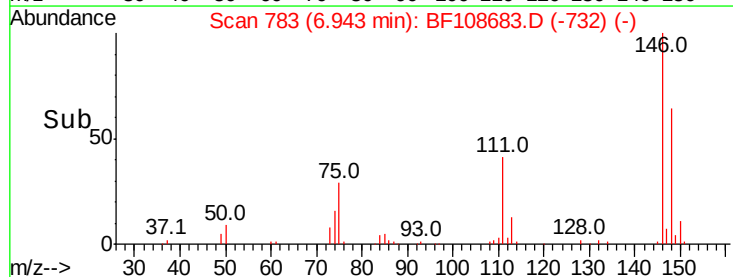
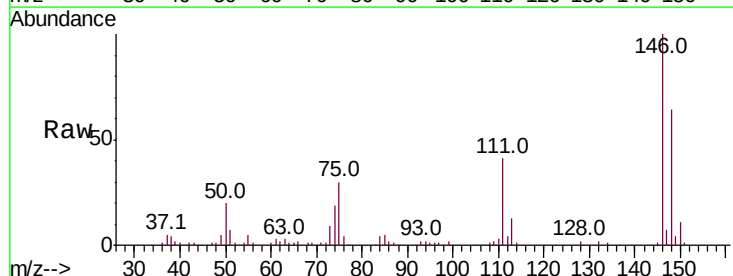
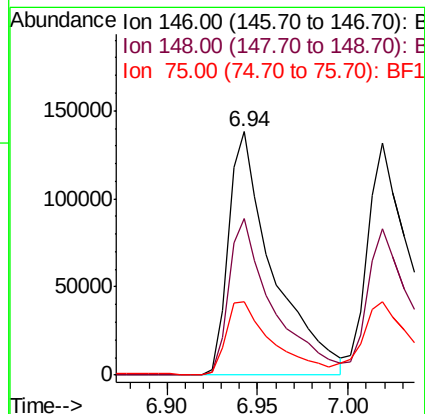
RT: 6.94 min Scan# 783

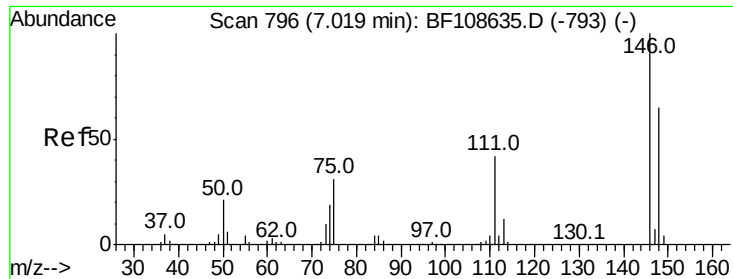
Delta R.T. 0.00 min

Lab File: BF108683.D

Acq: 31 Aug 2018 11:17

Tgt Ion:	146	Resp:	234936
Ion Ratio	Lower	Upper	
146	100		
148	64.3	51.8	77.8
75	30.2	24.2	36.4





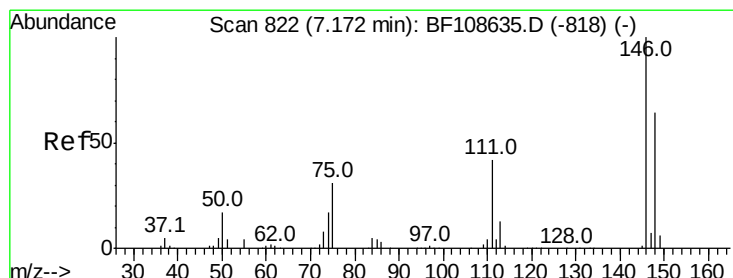
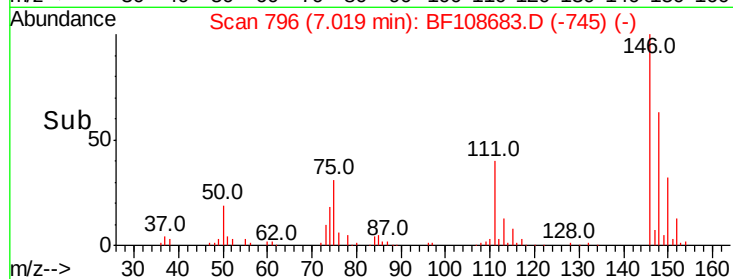
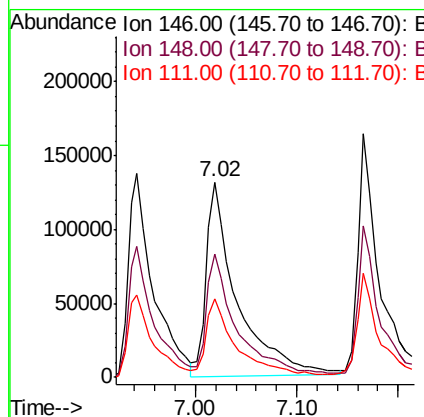
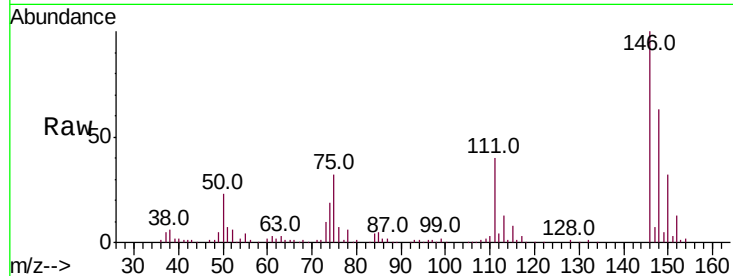
#13
 1,4-Dichlorobenzene
 Concen: 35.016 ng
 RT: 7.02 min Scan# 796
 Delta R.T. 0.00 min
 Lab File: BF108683.D
 Acq: 31 Aug 2018 11:17

Instrument :
 BNA_F
 ClientSampleId :
 PB112495BS

Tot Ion	Ratio	Lower	Upper
146	100		
148	63.0	50.8	76.2
111	40.0	34.2	51.2

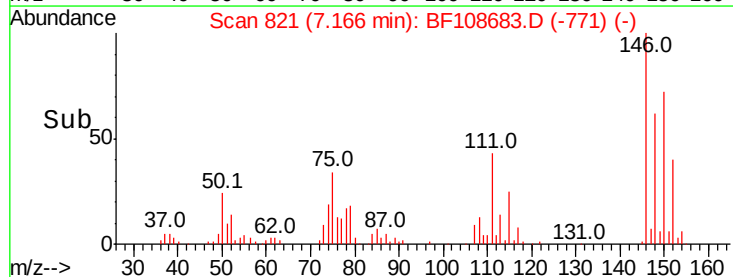
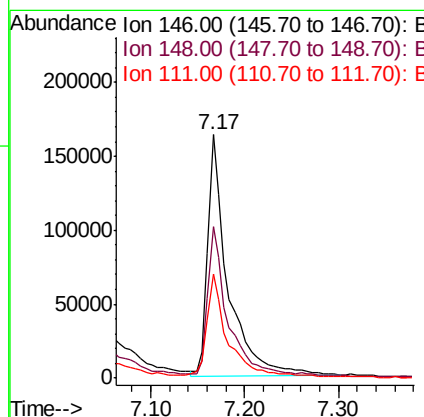
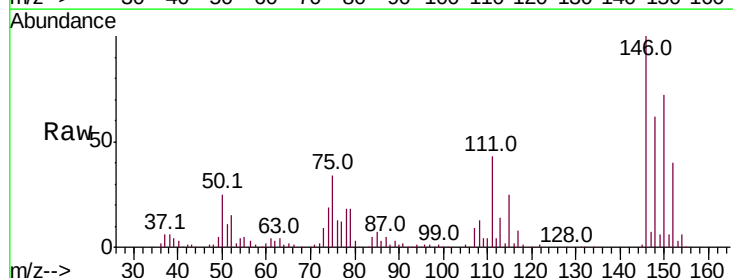
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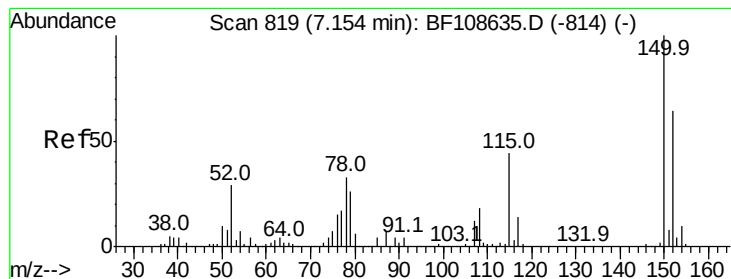
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#14
 1,2-Dichlorobenzene
 Concen: 33.435 ng
 RT: 7.17 min Scan# 821
 Delta R.T. -0.01 min
 Lab File: BF108683.D
 Acq: 31 Aug 2018 11:17

Tgt Ion	Ratio	Lower	Upper
146	100		
148	62.1	50.6	75.8
111	42.6	36.0	54.0





#15

Benzyl Alcohol

Concen: 26.474 ng m

RT: 7.15 min Scan# 819

Delta R.T. 0.00 min

Lab File: BF108683.D

Acq: 31 Aug 2018 11:17

Instrument :

BNA_F

ClientSampleID :

PB112495BS

Tot Ion: 79 Resp: 140459

Ion Ratio Lower Upper

79 100

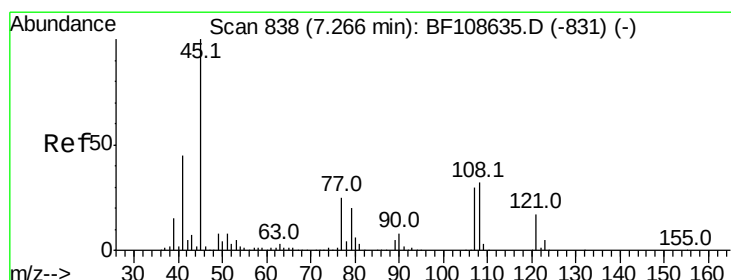
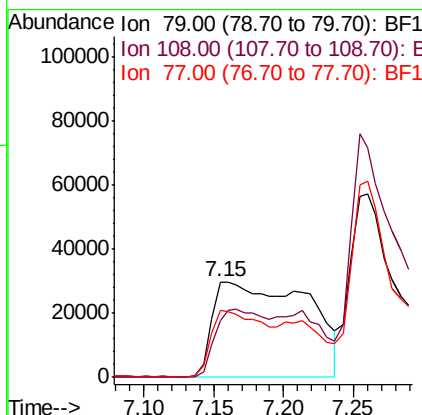
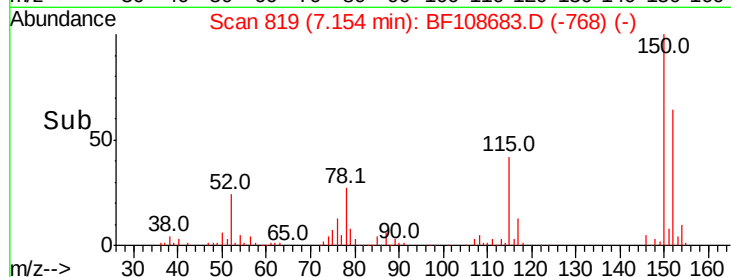
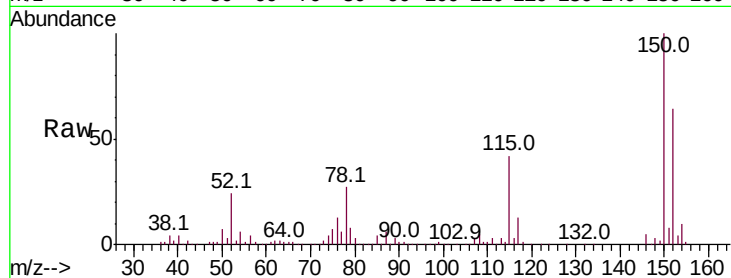
108 59.1 65.1 97.7#

77 70.4 50.6 75.8

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#16

2,2'-oxybis(1-chloropropane)

Concen: 35.077 ng

RT: 7.26 min Scan# 837

Delta R.T. -0.01 min

Lab File: BF108683.D

Acq: 31 Aug 2018 11:17

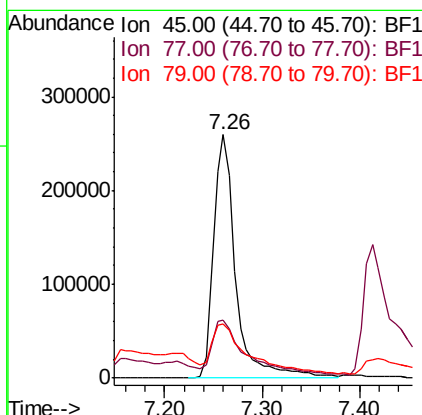
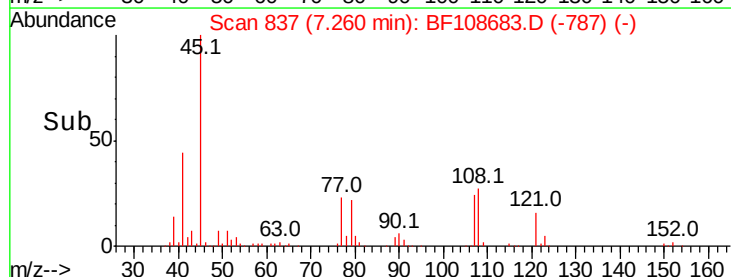
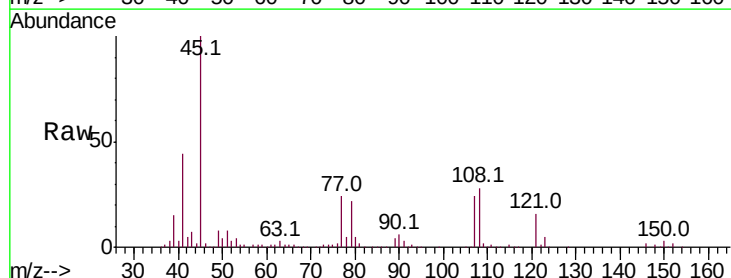
Tgt Ion: 45 Resp: 407542

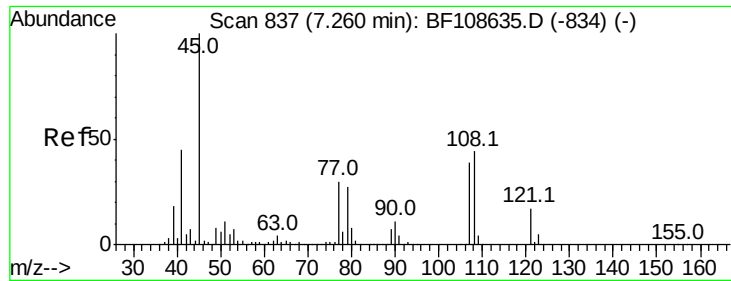
Ion Ratio Lower Upper

45 100

77 23.6 0.0 32.9

79 22.1 0.0 29.6





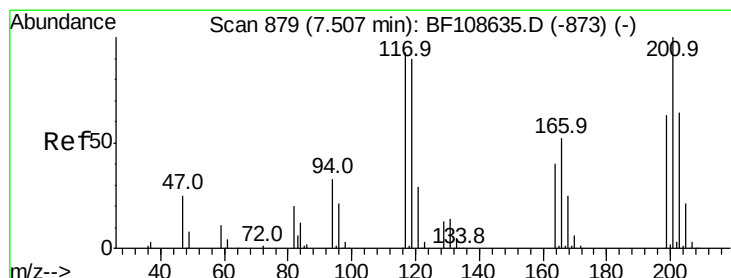
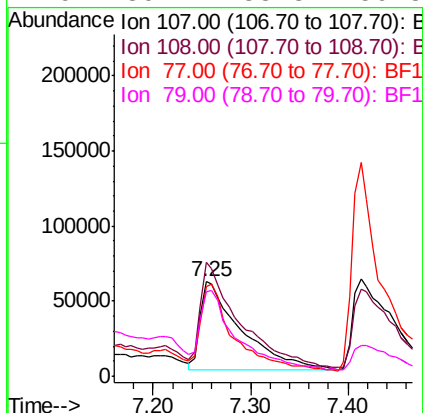
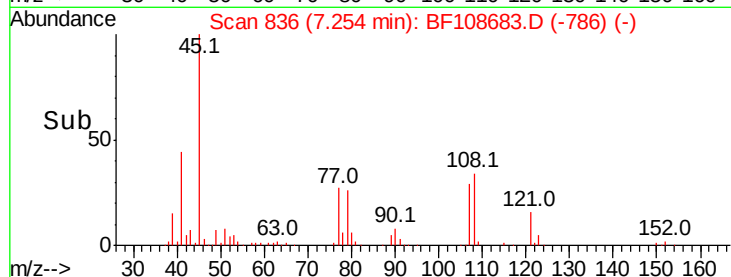
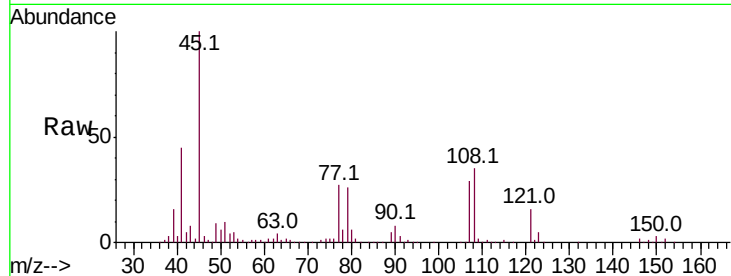
#17
2-Methylphenol
Concen: 34.769 ng
RT: 7.25 min Scan# 836
Delta R.T. -0.01 min
Lab File: BF108683.D
Acq: 31 Aug 2018 11:17

Instrument :
BNA_F
ClientSampleId :
PB112495BS

Tot Ion	Ratio	Lower	Upper
107	100		
108	120.8	91.7	137.5
77	95.4	33.8	50.8#
79	89.4	33.8	50.8#

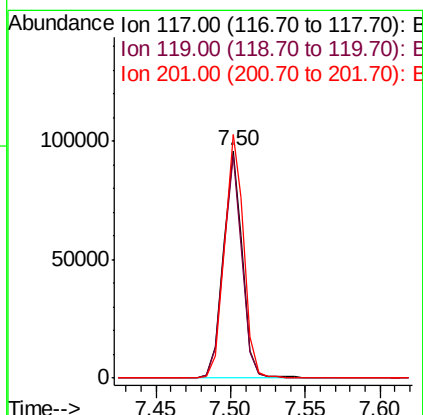
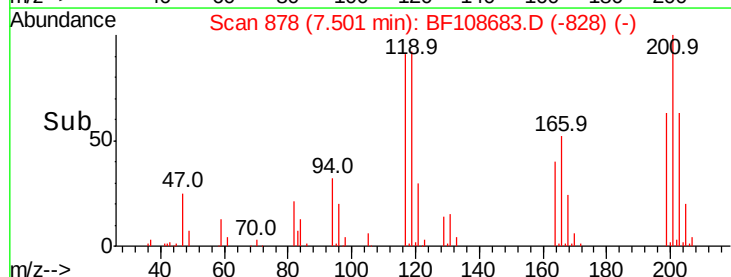
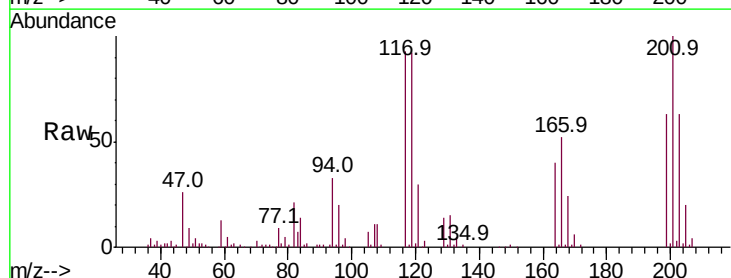
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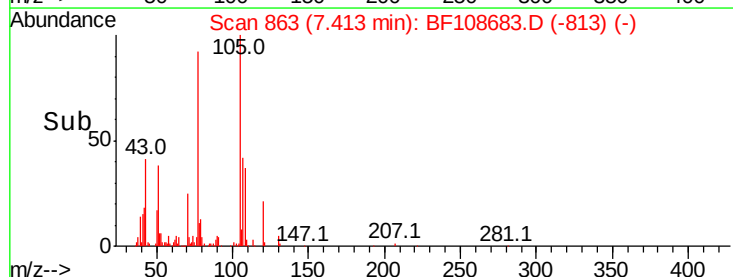
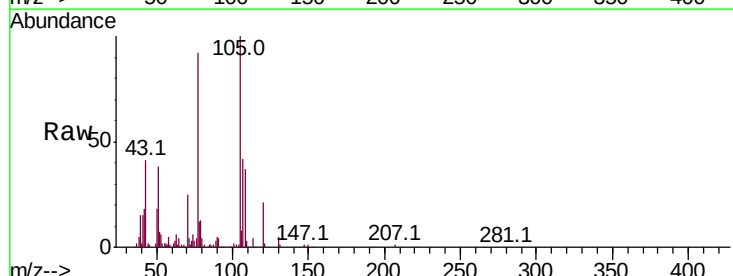
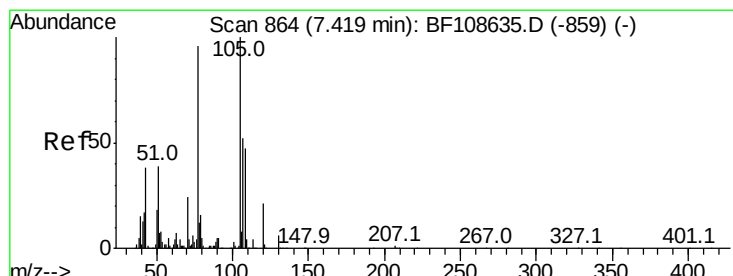
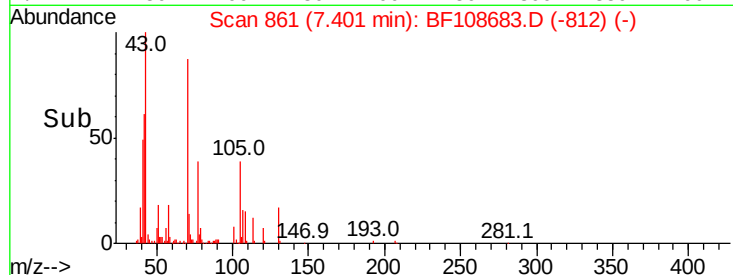
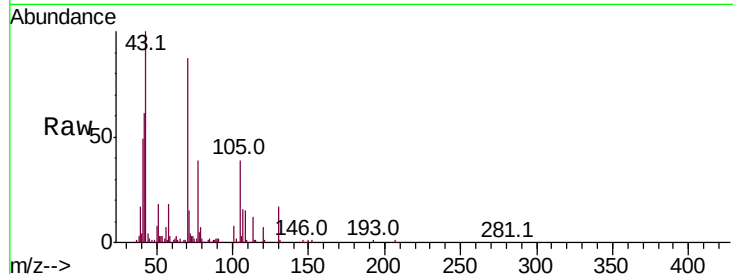
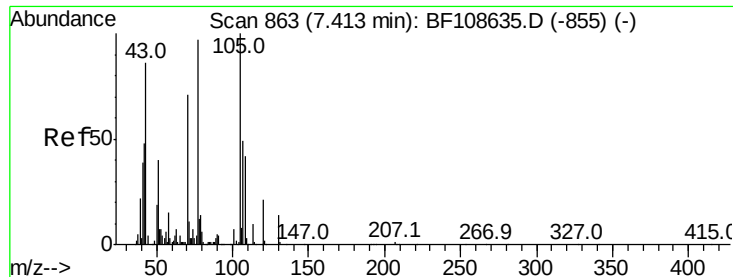
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#18
Hexachloroethane
Concen: 31.509 ng
RT: 7.50 min Scan# 878
Delta R.T. -0.01 min
Lab File: BF108683.D
Acq: 31 Aug 2018 11:17

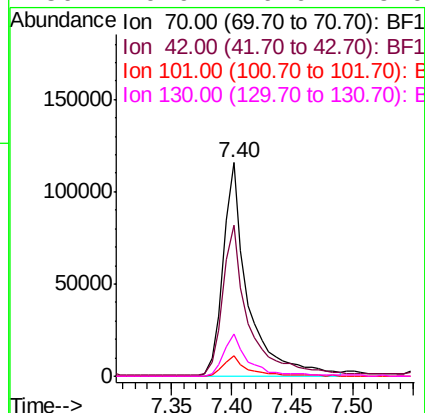
Tgt Ion	Ratio	Lower	Upper
117	100		
119	98.4	75.8	113.8
201	107.1	75.7	113.5





#19
n-Nitroso-di-n-propylamine
Concen: 33.196 ng
RT: 7.40 min Scan# 861
Delta R.T. -0.01 min
Lab File: BF108683.D
Acq: 31 Aug 2018 11:17

Tot Ion	Ion	Ratio	Resp	Lower	Upper
70	100		163964		
42	70.6	47.5		71.3	
101	9.7	7.4		11.2	
130	19.9	16.6		25.0	



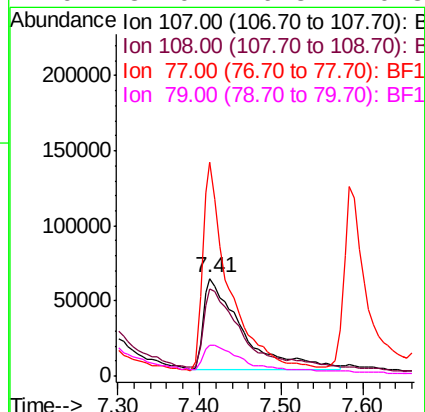
Instrument :
BNA_F
ClientSampleId :
PB112495BS

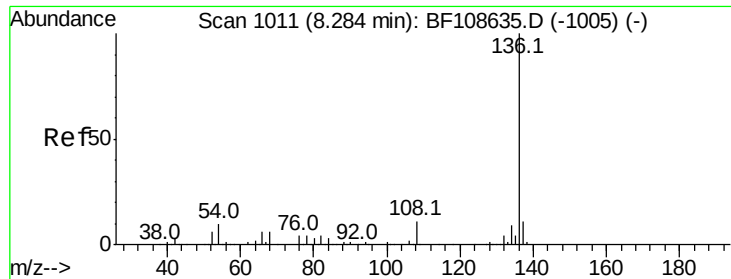
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#20
3+4-Methylphenols
Concen: 32.272 ng
RT: 7.41 min Scan# 863
Delta R.T. -0.01 min
Lab File: BF108683.D
Acq: 31 Aug 2018 11:17

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
107	100		197944		
108	88.9	68.2		108.2	
77	219.0	26.7		66.7#	
79	31.0	6.3		46.3	





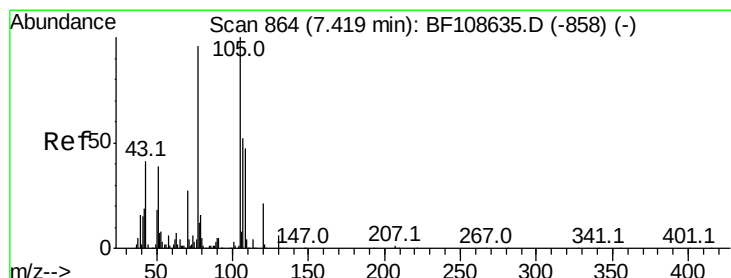
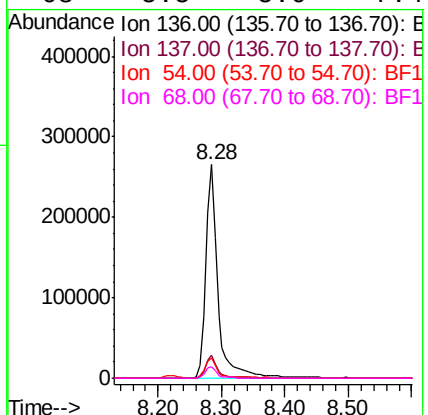
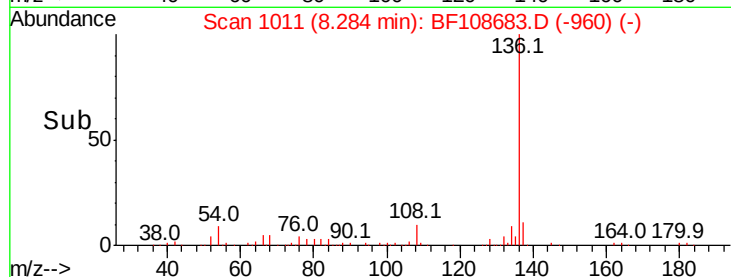
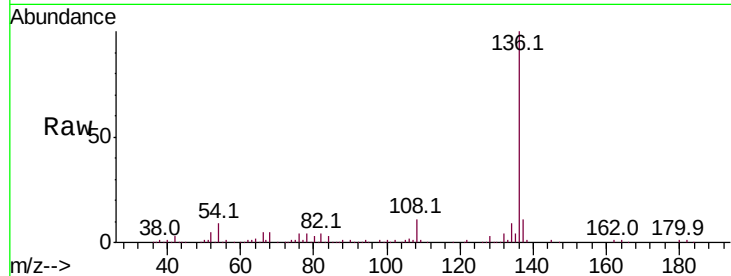
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.28 min Scan# 1011
Delta R.T. 0.00 min
Lab File: BF108683.D
Acq: 31 Aug 2018 11:17

Instrument :
BNA_F
ClientSampleId :
PB112495BS

Tot Ion	Ratio	Resp	Lower	Upper
136	100			
137	10.9	8.9	13.3	
54	9.4	6.6	9.8	
68	5.5	5.0	7.4	

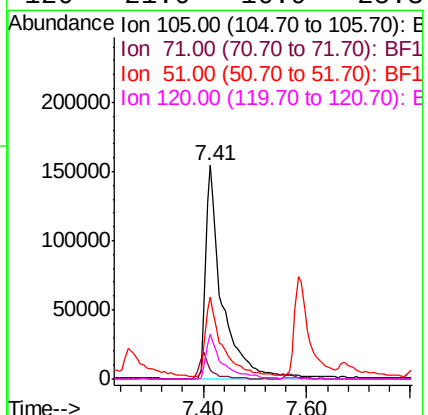
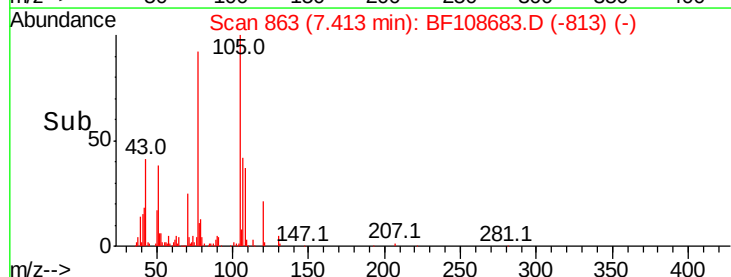
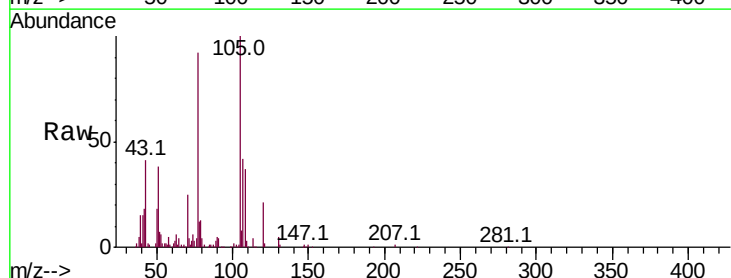
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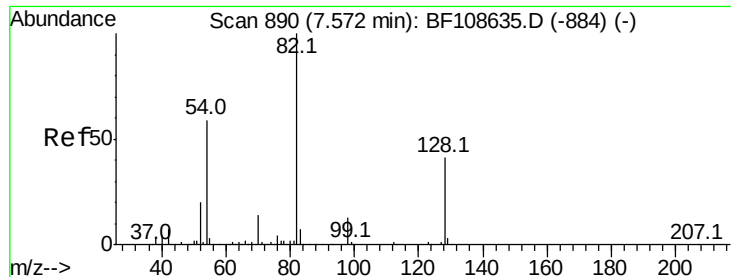
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#22
Acetophenone
Concen: 39.270 ng
RT: 7.41 min Scan# 863
Delta R.T. -0.01 min
Lab File: BF108683.D
Acq: 31 Aug 2018 11:17

Tgt Ion	Ratio	Resp	Lower	Upper
105	100			
71	4.4	4.4	6.6	
51	38.3	22.3	33.5	
120	21.0	16.9	25.3	





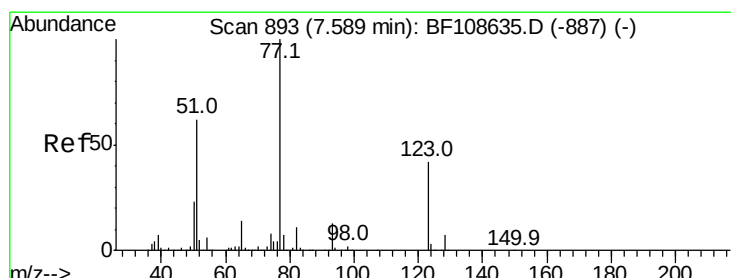
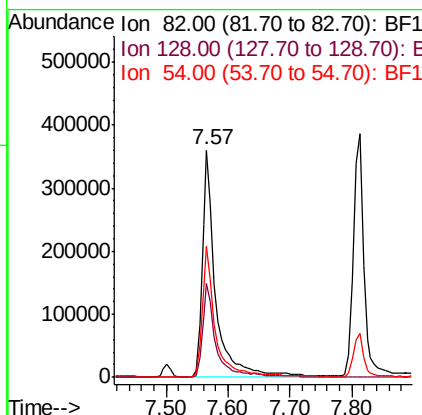
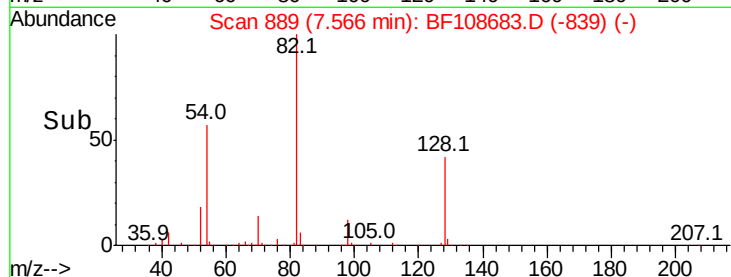
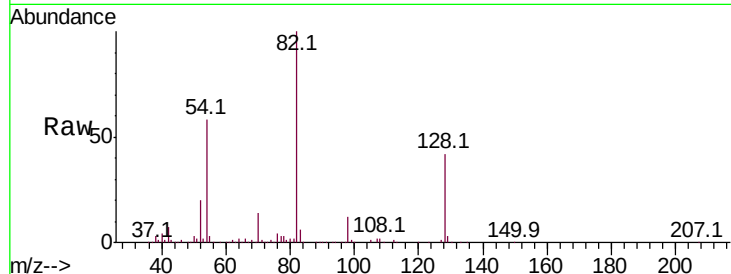
#23
 Nitrobenzene-d5
 Concen: 79.643 ng
 RT: 7.57 min Scan# 889
 Delta R.T. -0.01 min
 Lab File: BF108683.D
 Acq: 31 Aug 2018 11:17

Instrument :
 BNA_F
 ClientSampleId :
 PB112495BS

Tot Ion	Ratio	Resp	Lower	Upper
82	100			
128	41.5	36.1	54.1	
54	57.7	41.4	62.2	

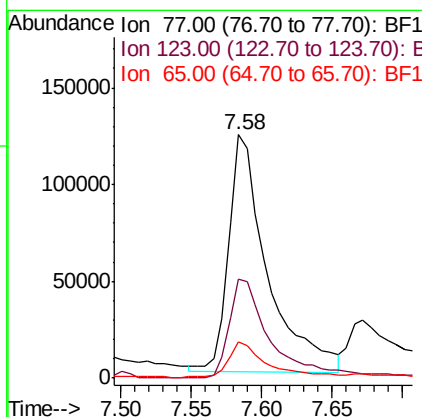
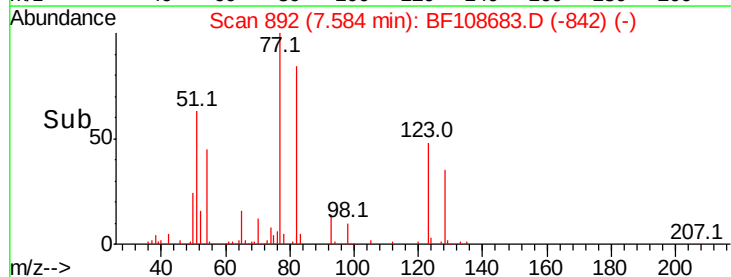
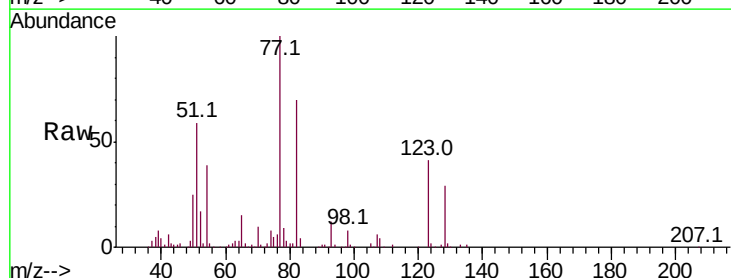
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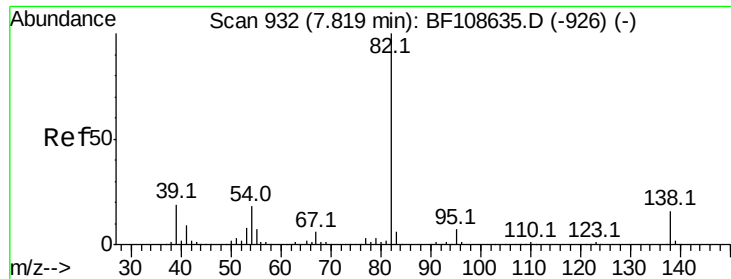
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#24
 Nitrobenzene
 Concen: 33.172 ng
 RT: 7.58 min Scan# 892
 Delta R.T. -0.01 min
 Lab File: BF108683.D
 Acq: 31 Aug 2018 11:17

Tgt Ion	Ratio	Resp	Lower	Upper
77	100			
123	40.9	37.9	56.9	
65	14.9	11.0	16.4	





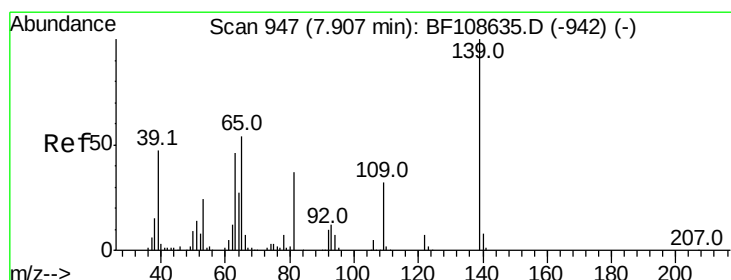
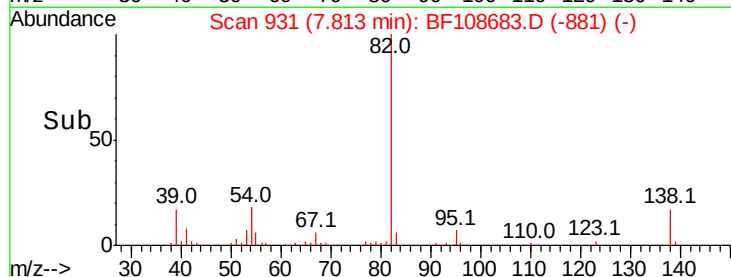
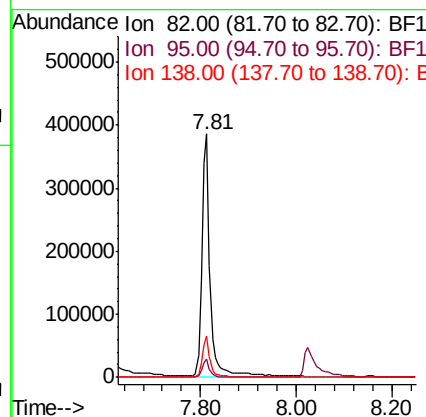
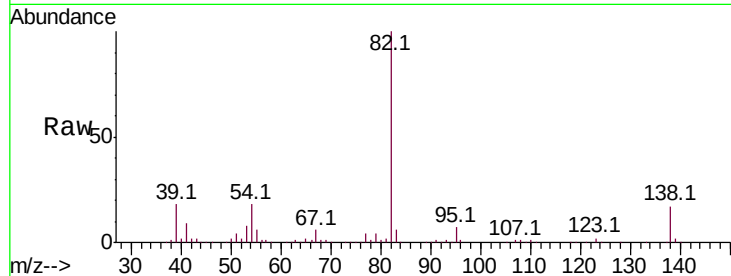
#25
Isophorone
Concen: 40.833 ng
RT: 7.81 min Scan# 931
Delta R.T. -0.01 min
Lab File: BF108683.D
Acq: 31 Aug 2018 11:17

Instrument :
BNA_F
ClientSampled :
PB112495BS

Tot Ion	Ratio	Resp	Lower	Upper
82	100			
95	7.3	5.2	7.8	
138	17.2	14.9	22.3	

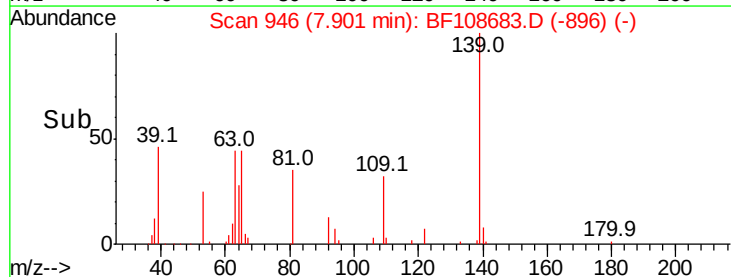
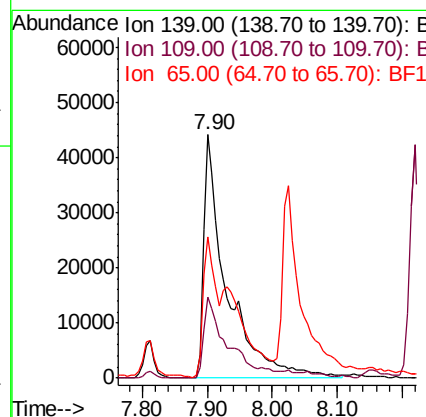
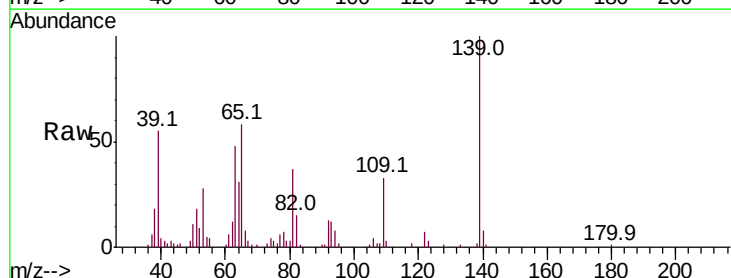
Manual Integrations
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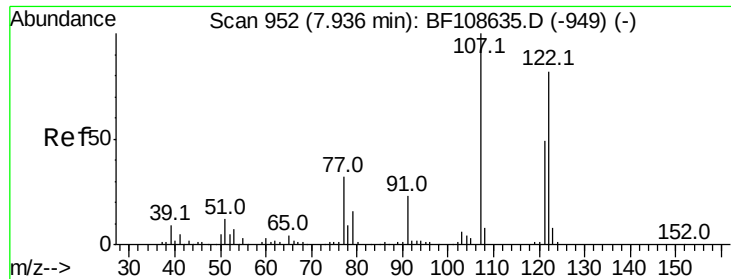
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#26
2-Nitrophenol
Concen: 33.532 ng
RT: 7.90 min Scan# 946
Delta R.T. -0.01 min
Lab File: BF108683.D
Acq: 31 Aug 2018 11:17

Tgt Ion	Ratio	Resp	Lower	Upper
139	100			
109	33.1	22.7	34.1	
65	58.0	40.5	60.7	





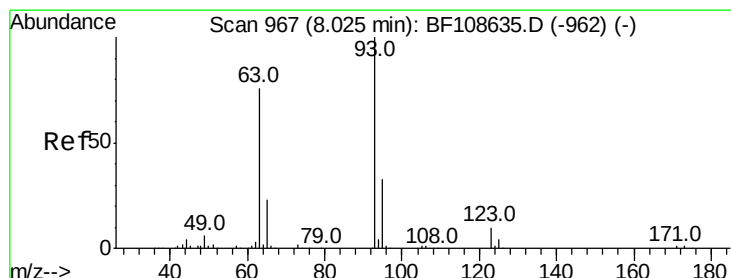
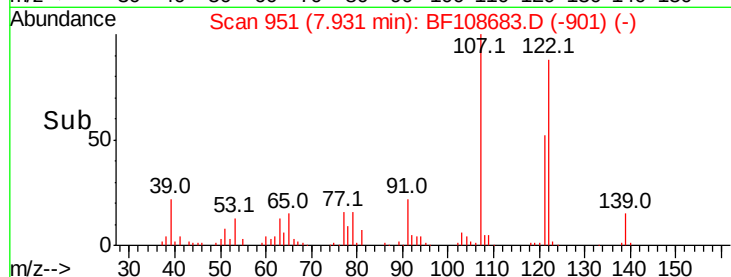
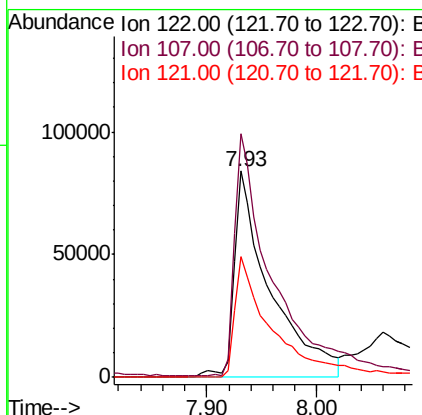
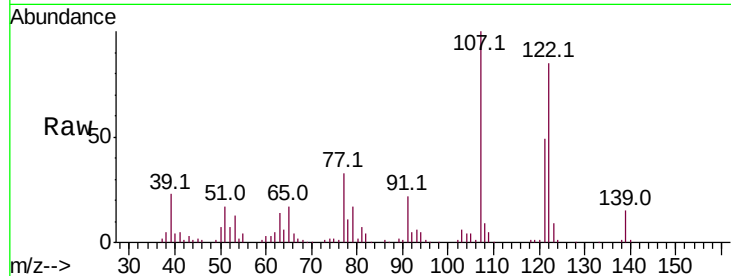
#27
 2,4-Dimethylphenol
 Concen: 40.981 ng
 RT: 7.93 min Scan# 951
 Delta R.T. -0.01 min
 Lab File: BF108683.D
 Acq: 31 Aug 2018 11:17

Instrument :
 BNA_F
 ClientSampled :
 PB112495BS

Tot Ion	Ratio	Resp	Lower	Upper
122	100	191865		
107	118.1	91.2	136.8	
121	58.4	47.2	70.8	

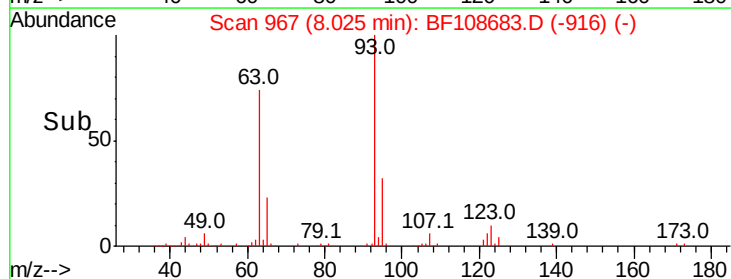
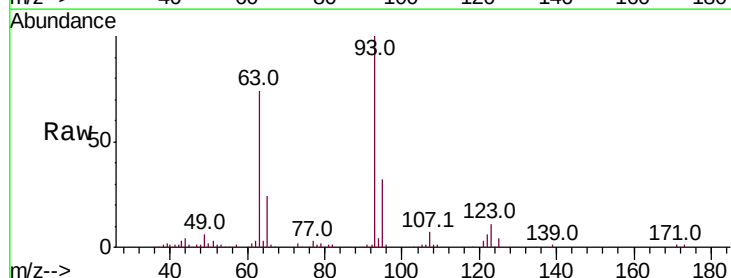
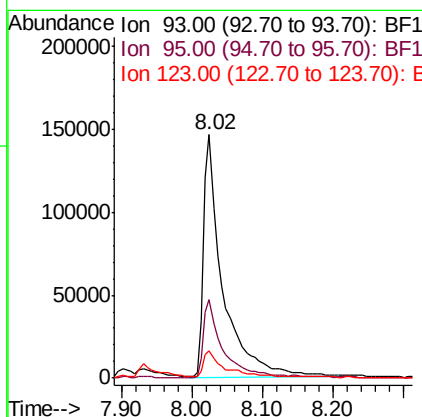
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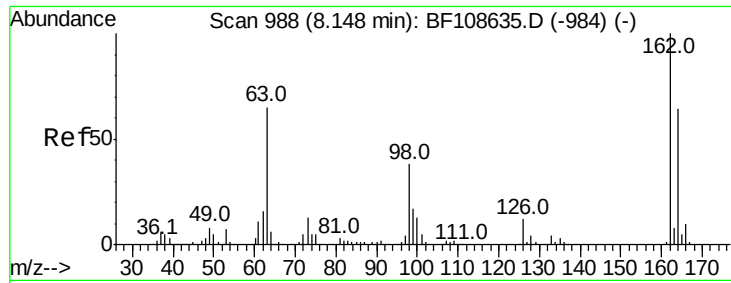
Sohil
 8/31/2018 12:19:27 PM



#28
 bis(2-Chloroethoxy)methane
 Concen: 37.593 ng
 RT: 8.02 min Scan# 967
 Delta R.T. 0.00 min
 Lab File: BF108683.D
 Acq: 31 Aug 2018 11:17

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	276663		
95	32.1	26.3	39.5	
123	11.1	9.8	14.6	





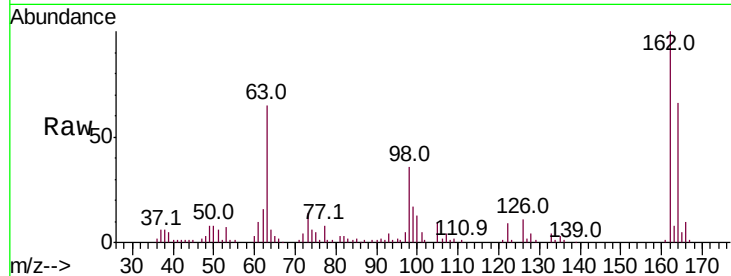
#29
2,4-Dichlorophenol
Concen: 36.454 ng
RT: 8.15 min Scan# 988
Delta R.T. 0.00 min
Lab File: BF108683.D
Acq: 31 Aug 2018 11:17

Instrument :
BNA_F
ClientSampleId :
PB112495BS

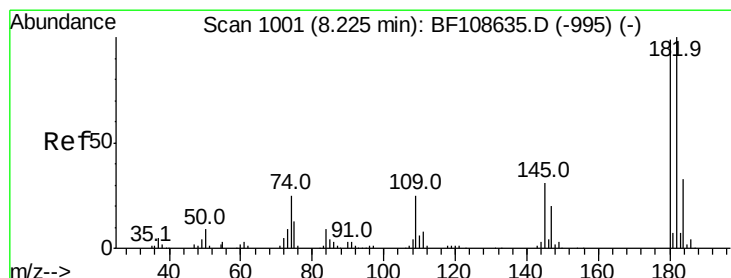
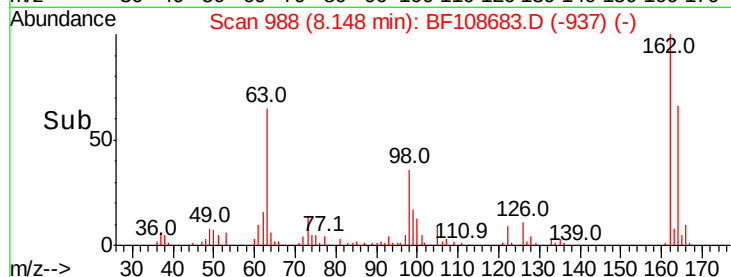
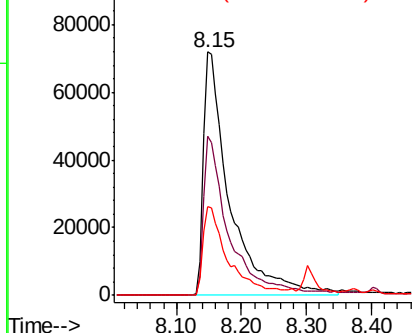
Tot Ion	Ratio	Resp	Lower	Upper
162	100	202478		
164	65.5	42.7	82.7	
98	36.4	18.1	58.1	

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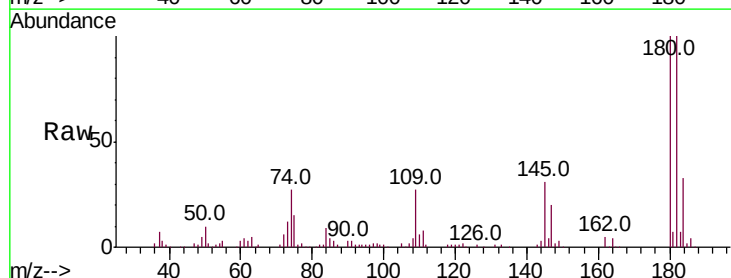


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): BF1

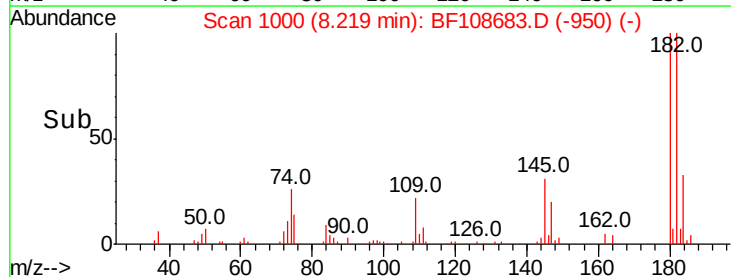
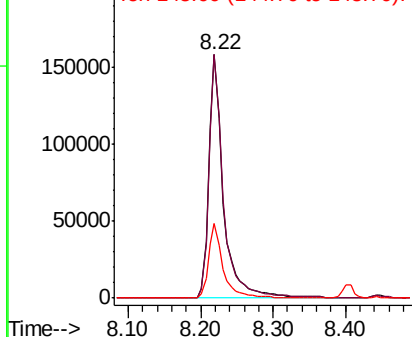


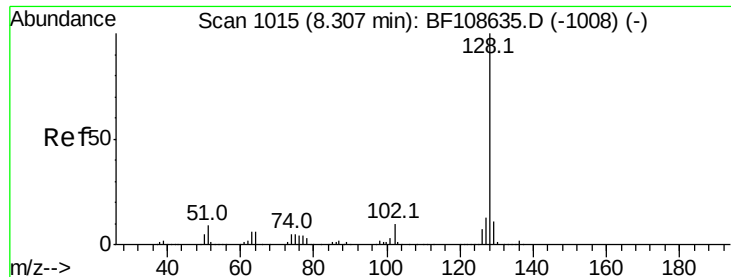
#30
1,2,4-Trichlorobenzene
Concen: 35.787 ng
RT: 8.22 min Scan# 1000
Delta R.T. -0.01 min
Lab File: BF108683.D
Acq: 31 Aug 2018 11:17

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	222275		
182	99.9	76.8	115.2	
145	30.8	26.5	39.7	



Abundance Ion 180.00 (179.70 to 180.70): E
Ion 182.00 (181.70 to 182.70): E
Ion 145.00 (144.70 to 145.70): E





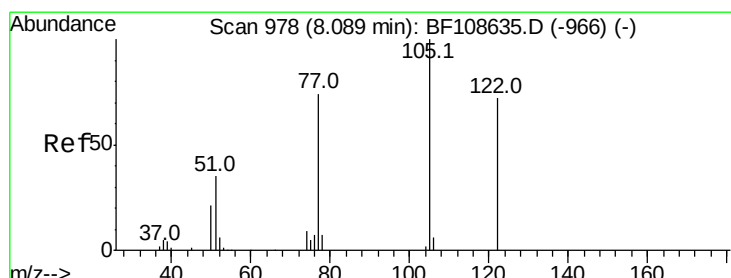
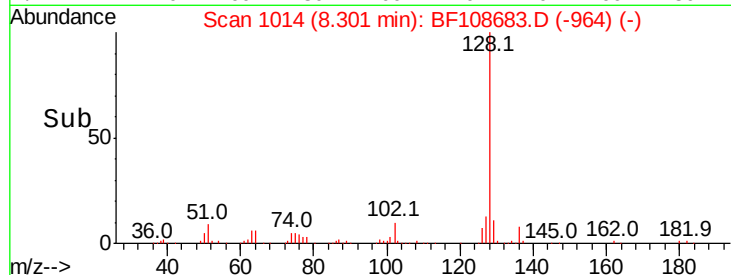
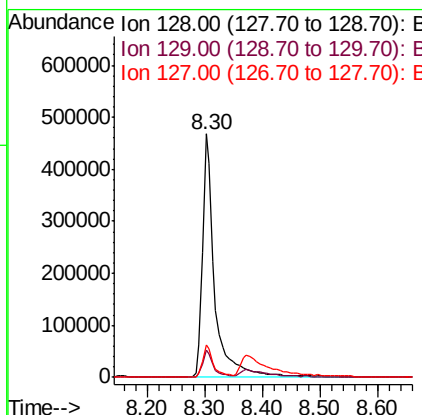
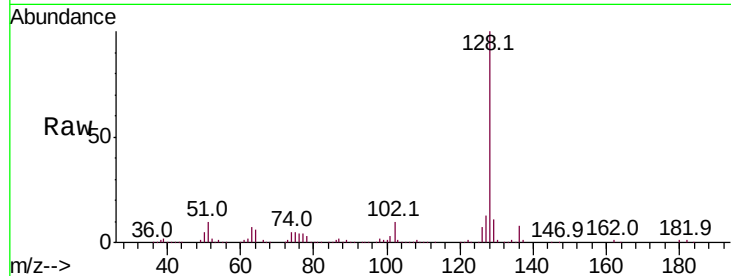
#31
Naphthalene
Concen: 41.512 ng
RT: 8.30 min Scan# 1014
Delta R.T. -0.01 min
Lab File: BF108683.D
Acq: 31 Aug 2018 11:17

Instrument :
BNA_F
ClientSampleId :
PB112495BS

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

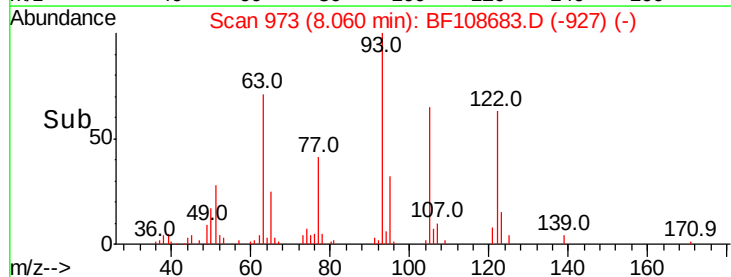
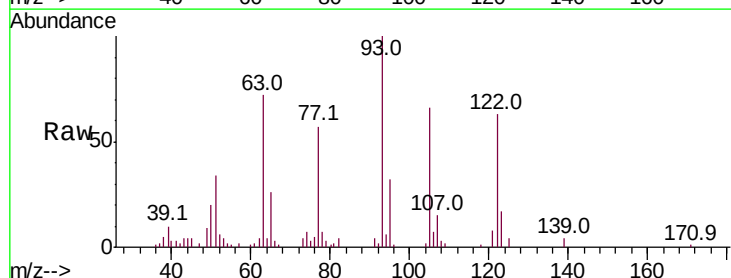
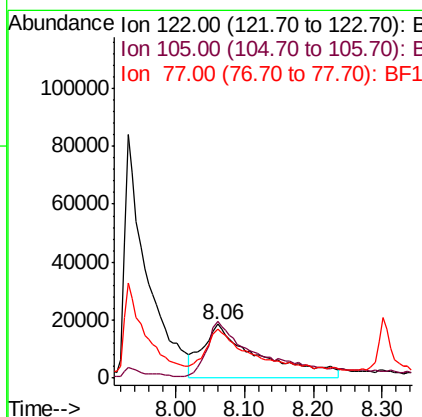
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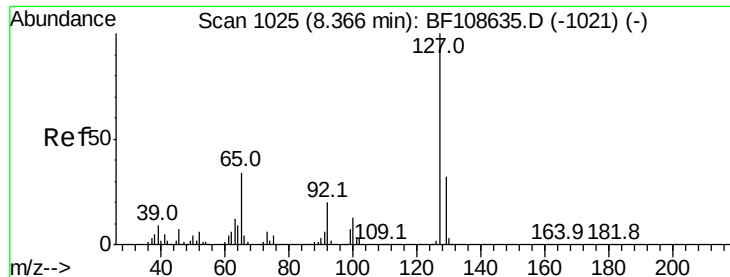
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#32
Benzoic acid
Concen: 34.794 ng m
RT: 8.06 min Scan# 973
Delta R.T. -0.03 min
Lab File: BF108683.D
Acq: 31 Aug 2018 11:17

Tgt Ion	Ratio	Resp	Lower	Upper
122	100			
105	106.1	101.1	141.1	
77	91.6	70.7	110.7	





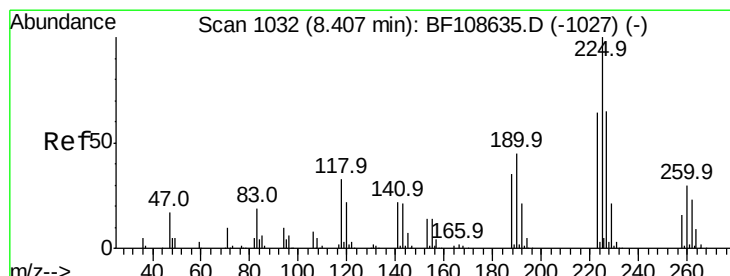
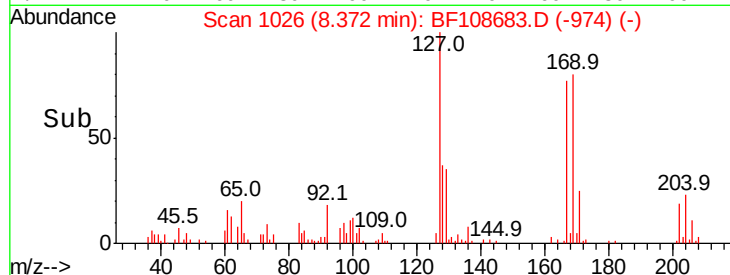
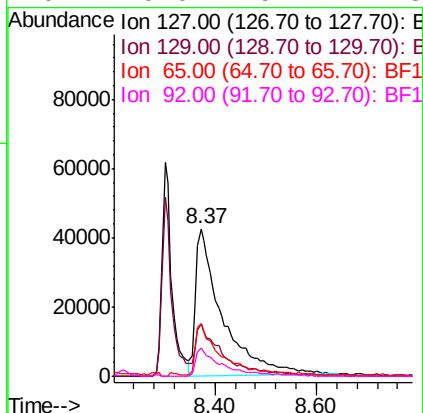
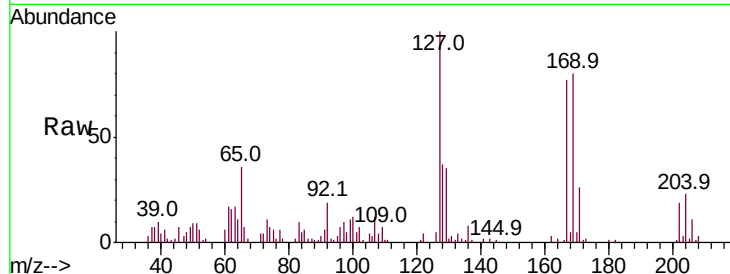
#33
 4-Chloroaniline
 Concen: 20.730 ng
 RT: 8.37 min Scan# 1026
 Delta R.T. 0.01 min
 Lab File: BF108683.D
 Acq: 31 Aug 2018 11:17

Instrument :
 BNA_F
 ClientSampleId :
 PB112495BS

Tot Ion	Ratio	Resp Lower	Upper
127	100		
129	35.3	25.9	38.9
65	36.1	25.0	37.4
92	19.0	15.2	22.8

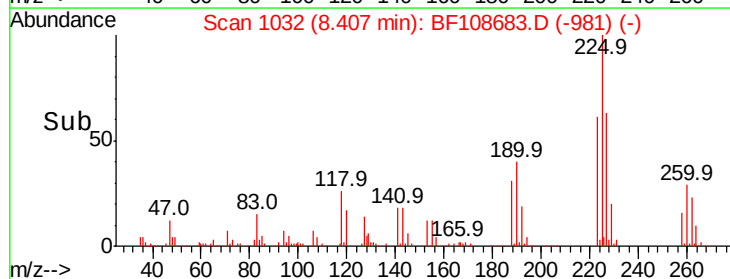
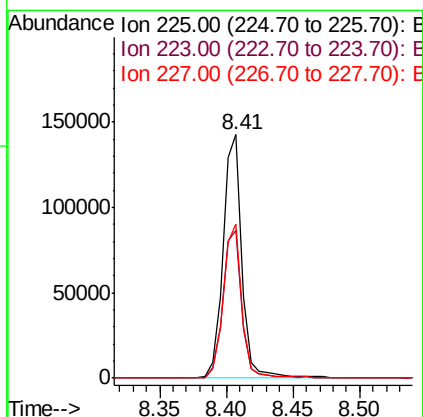
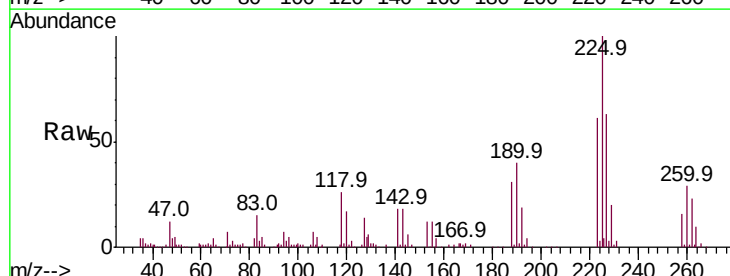
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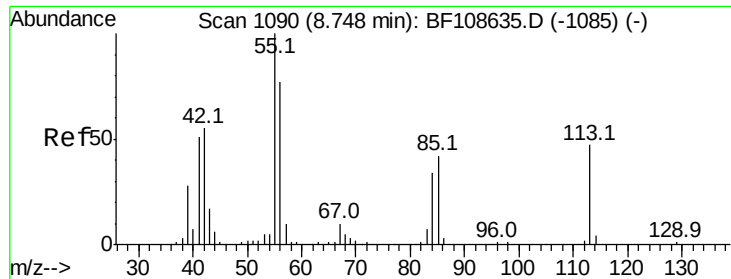
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#34
 Hexachlorobutadiene
 Concen: 34.865 ng
 RT: 8.41 min Scan# 1032
 Delta R.T. 0.00 min
 Lab File: BF108683.D
 Acq: 31 Aug 2018 11:17

Tgt Ion	Ratio	Resp Lower	Upper
225	100		
223	60.7	50.6	76.0
227	63.5	51.9	77.9





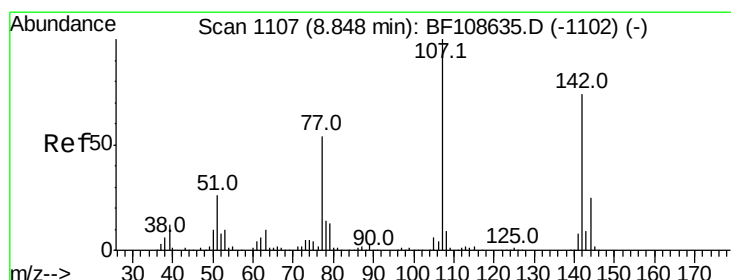
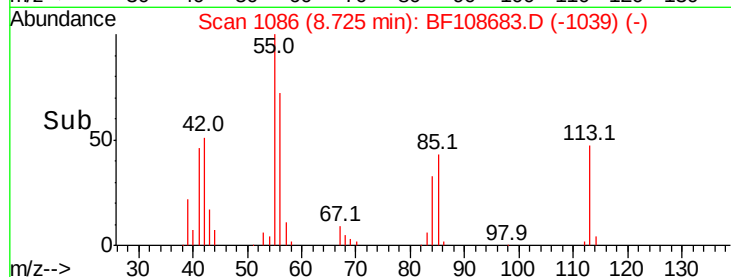
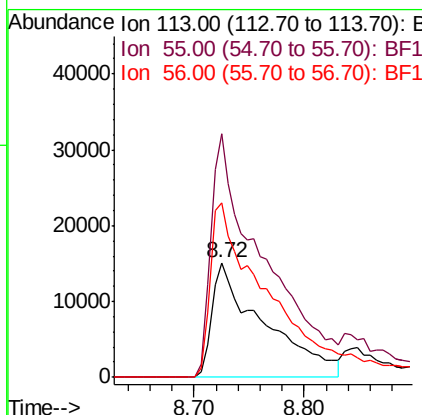
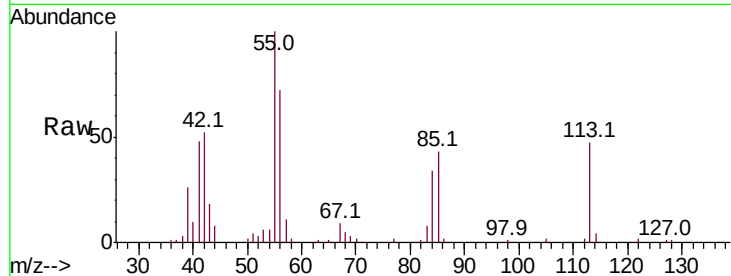
#35
Caprolactam
Concen: 33.285 ng
RT: 8.72 min Scan# 1086
Delta R.T. -0.02 min
Lab File: BF108683.D
Acq: 31 Aug 2018 11:17

Instrument :
BNA_F
ClientSampleId :
PB112495BS

Tot Ion:113 Resp: 49262
Ion Ratio Lower Upper
113 100
55 212.4 163.3 203.3#
56 152.8 115.7 155.7

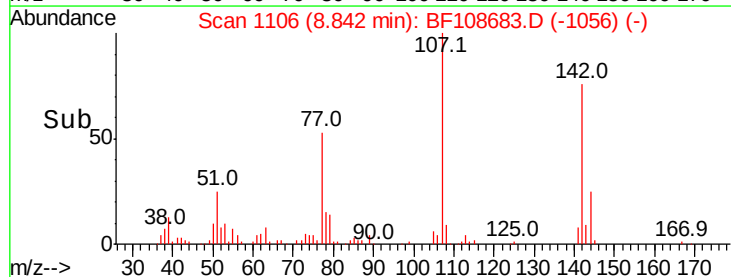
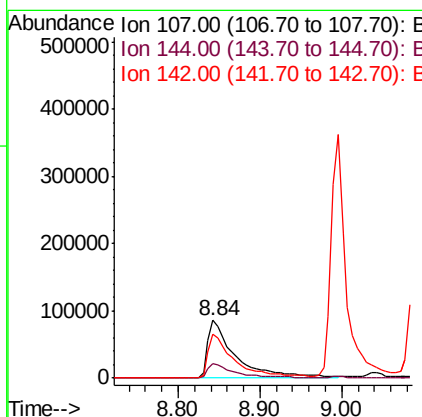
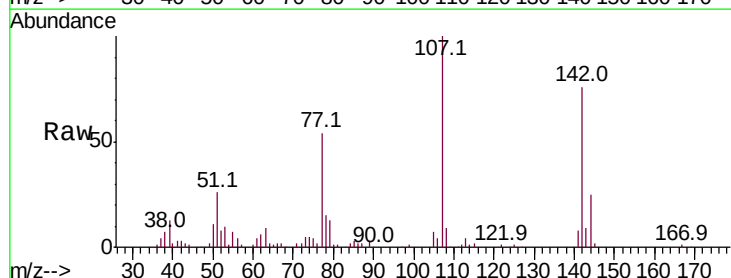
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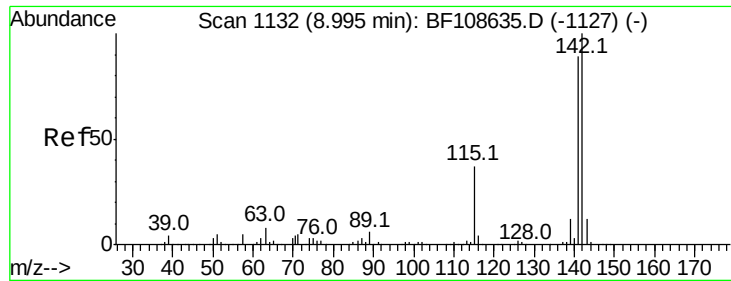
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#36
4-Chloro-3-methylphenol
Concen: 34.205 ng
RT: 8.84 min Scan# 1106
Delta R.T. -0.01 min
Lab File: BF108683.D
Acq: 31 Aug 2018 11:17

Tgt Ion:107 Resp: 203904
Ion Ratio Lower Upper
107 100
144 24.7 20.5 30.7
142 75.8 62.0 93.0





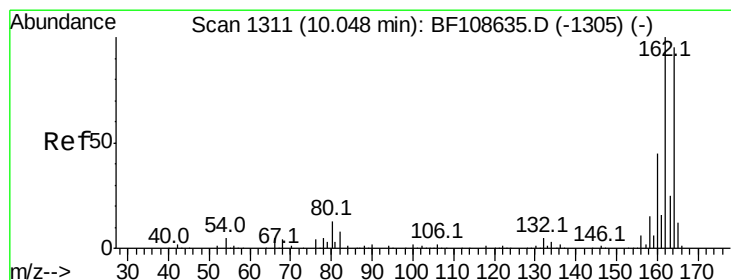
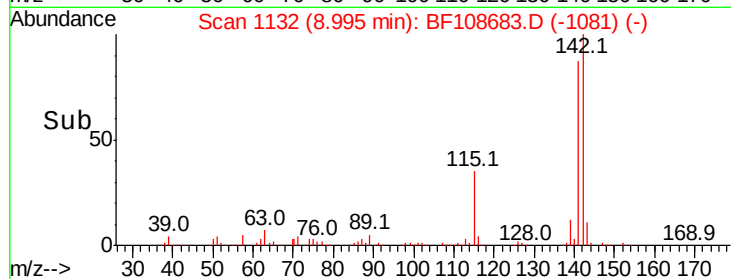
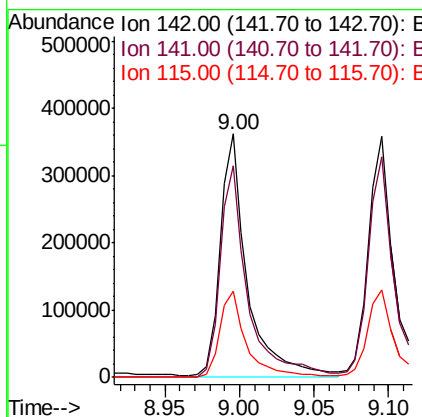
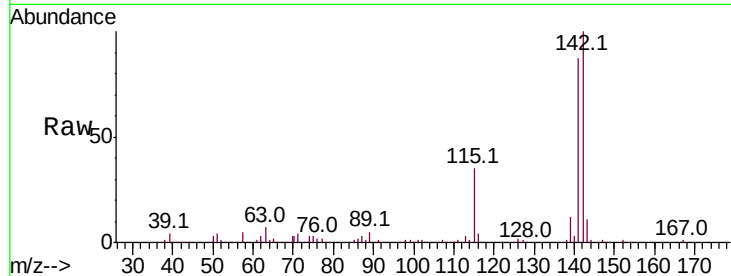
#37
2-Methylnaphthalene
Concen: 40.416 ng
RT: 9.00 min Scan# 1132
Delta R.T. 0.00 min
Lab File: BF108683.D
Acq: 31 Aug 2018 11:17

Instrument :
BNA_F
ClientSampleId :
PB112495BS

Tot Ion	Ratio	Resp	Lower	Upper
142	100	463648		
141	87.0		70.8	106.2
115	35.3		26.1	39.1

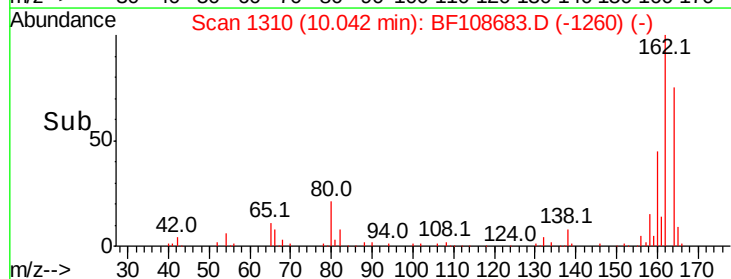
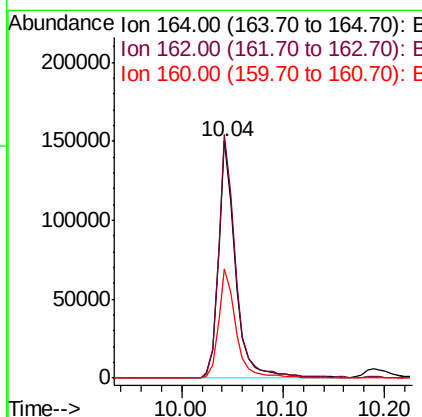
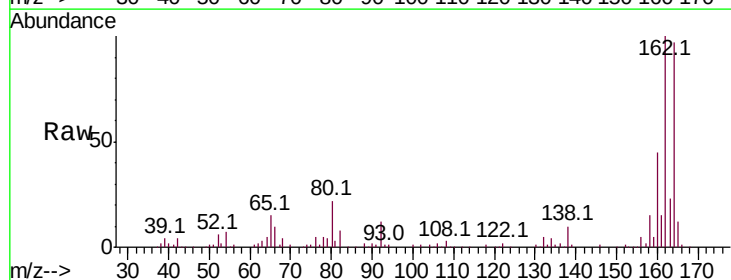
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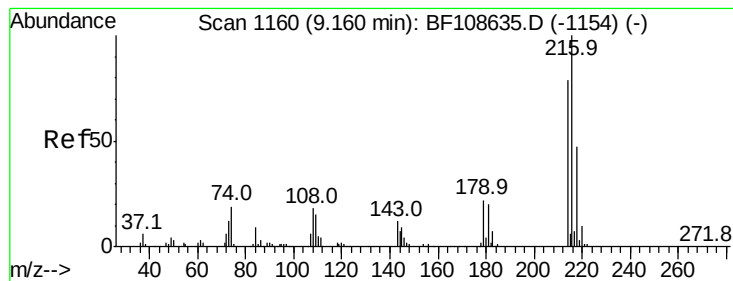
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#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.04 min Scan# 1310
Delta R.T. -0.01 min
Lab File: BF108683.D
Acq: 31 Aug 2018 11:17

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	174749		
162	102.8		86.1	129.1
160	46.3		38.3	57.5





#39

1,2,4,5-Tetrachlorobenzene

Concen: 39.027 ng

RT: 9.16 min Scan# 1160

Delta R.T. 0.00 min

Lab File: BF108683.D

Acq: 31 Aug 2018 11:17

Instrument :

BNA_F

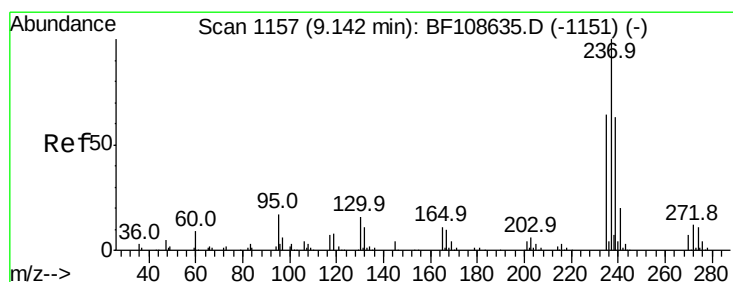
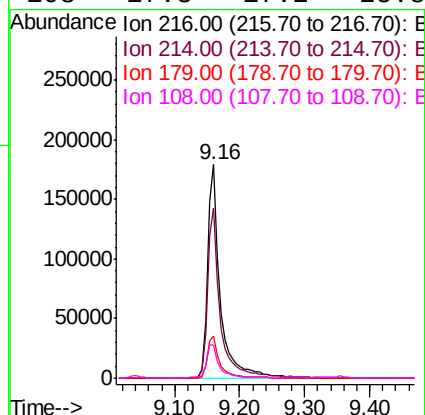
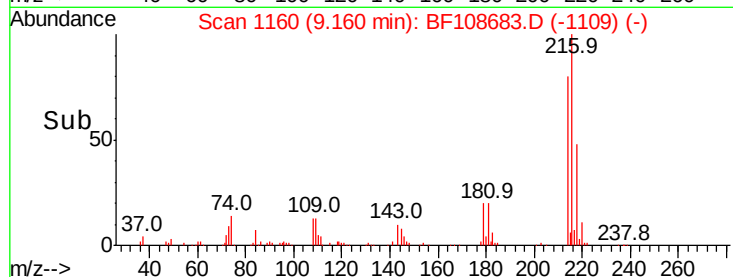
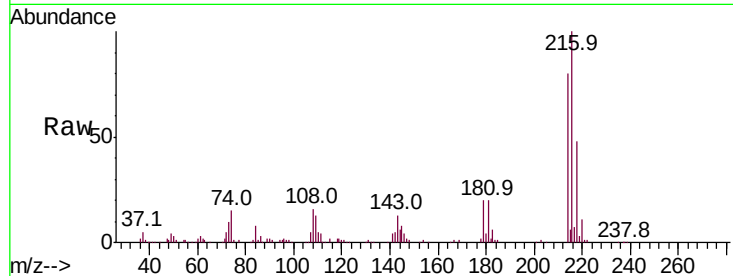
ClientSampleId :

PB112495BS

Tot Ion	Ratio	Resp	Lower	Upper
216	100	242121		
214	79.1	63.0	94.4	
179	20.0	18.1	27.1	
108	17.3	17.2	25.8	

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#40

Hexachlorocyclopentadiene

Concen: 21.119 ng

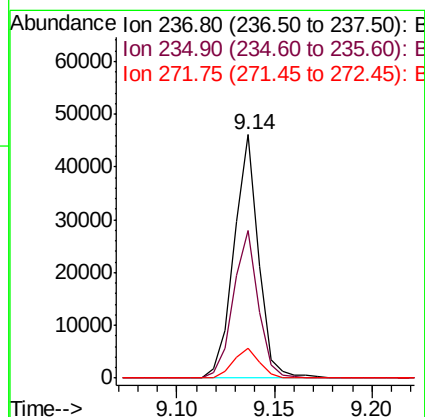
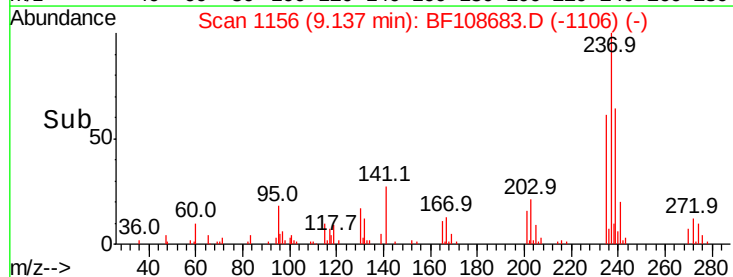
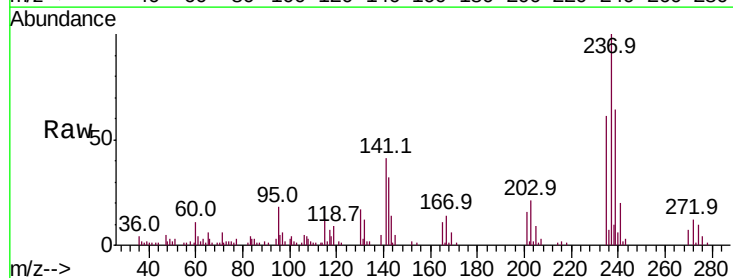
RT: 9.14 min Scan# 1156

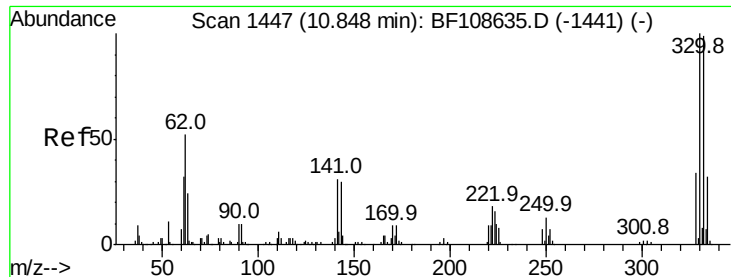
Delta R.T. -0.01 min

Lab File: BF108683.D

Acq: 31 Aug 2018 11:17

Tgt Ion	Ratio	Resp	Lower	Upper
237	100	40296		
235	60.7	44.8	84.8	
272	12.4	0.0	33.3	





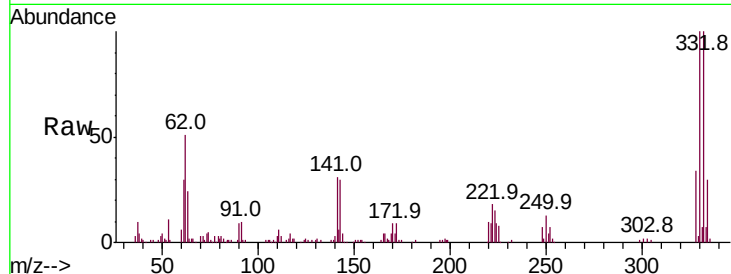
#41
 2,4,6-Tribromophenol
 Concen: 67.111 ng
 RT: 10.84 min Scan# 1446
 Delta R.T. -0.01 min
 Lab File: BF108683.D
 Acq: 31 Aug 2018 11:17

Instrument :
 BNA_F
 ClientSampleId :
 PB112495BS

Tot Ion	Ratio	Resp	Lower	Upper
330	100			
332	97.3	77.0	115.6	
141	34.6	29.9	44.9	

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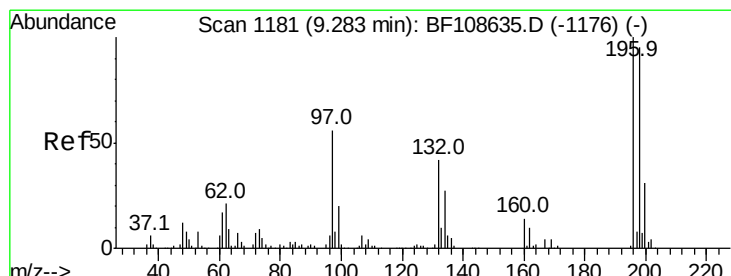
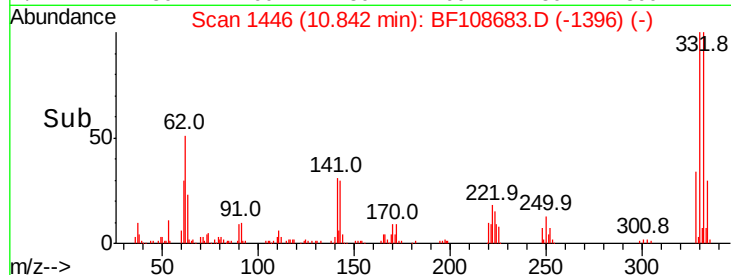
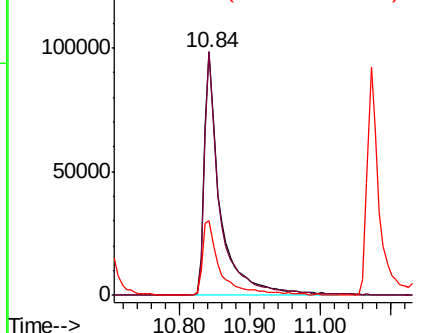


Abundance

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: 35.672 ng
 RT: 9.28 min Scan# 1180
 Delta R.T. -0.01 min
 Lab File: BF108683.D
 Acq: 31 Aug 2018 11:17

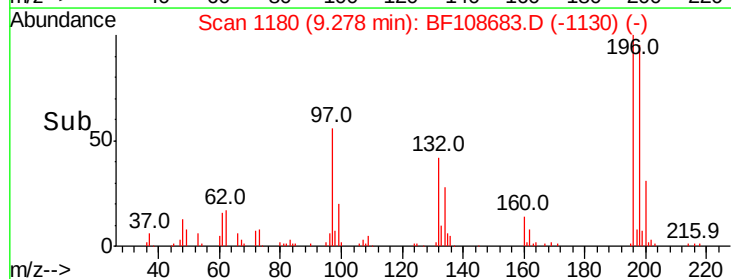
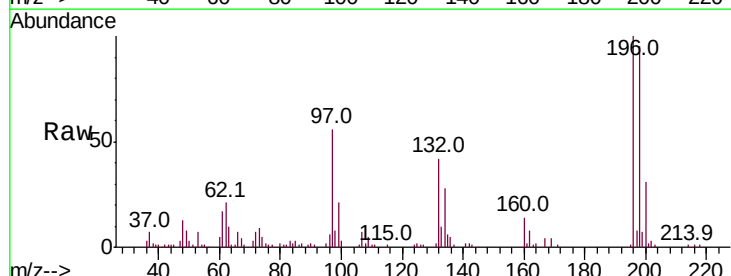
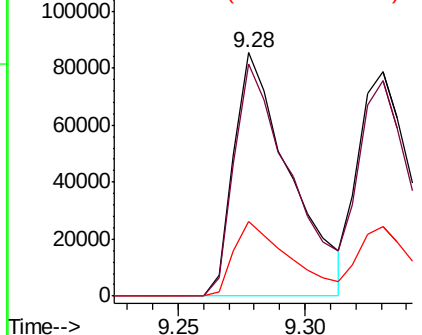
Tgt Ion	Ratio	Resp	Lower	Upper
196	100			
198	95.2	75.7	113.5	
200	30.7	24.5	36.7	

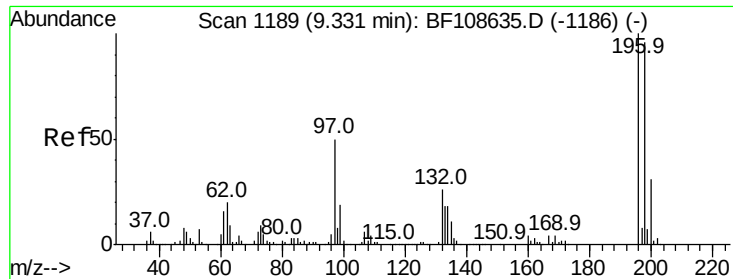
Abundance

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





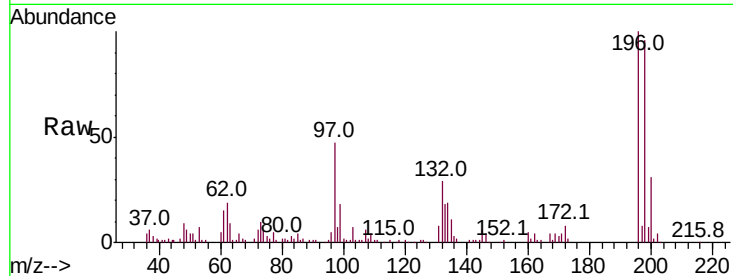
#43
 2,4,5-Trichlorophenol
 Concen: 36.296 ng
 RT: 9.33 min Scan# 1189
 Delta R.T. 0.00 min
 Lab File: BF108683.D
 Acq: 31 Aug 2018 11:17

Instrument :
 BNA_F
 ClientSampleId :
 PB112495BS

Tot Ion	Ratio	Resp	Lower	Upper
196	100	155498		
198	95.8	74.6	112.0	
97	47.1	42.9	64.3	
132	28.6	26.3	39.5	

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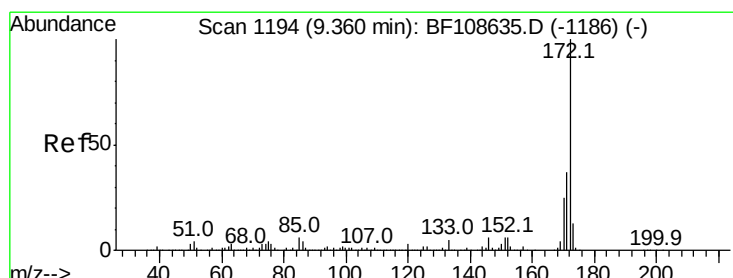
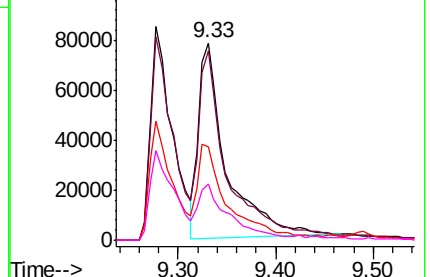
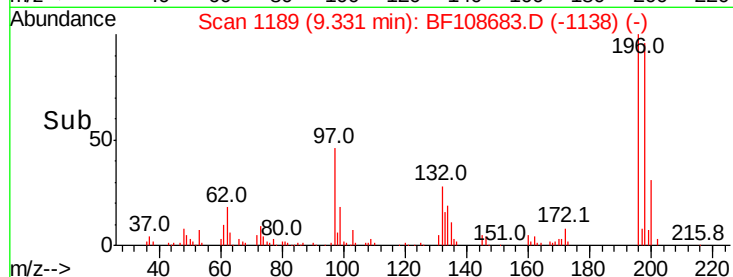
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

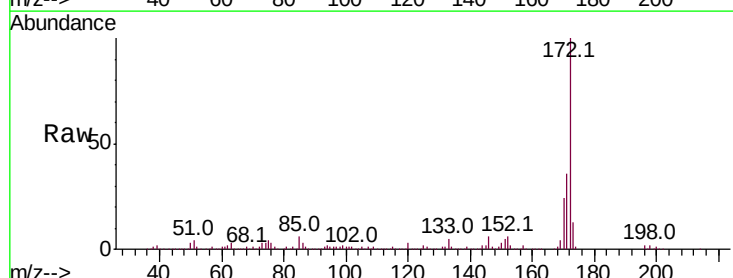
Ion 97.00 (96.70 to 97.70): BF1

Ion 132.00 (131.70 to 132.70): E



#44
 2-Fluorobiphenyl
 Concen: 85.777 ng
 RT: 9.35 min Scan# 1193
 Delta R.T. -0.01 min
 Lab File: BF108683.D
 Acq: 31 Aug 2018 11:17

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	1114802		
171	35.8	29.7	44.5	
170	24.4	19.6	29.4	

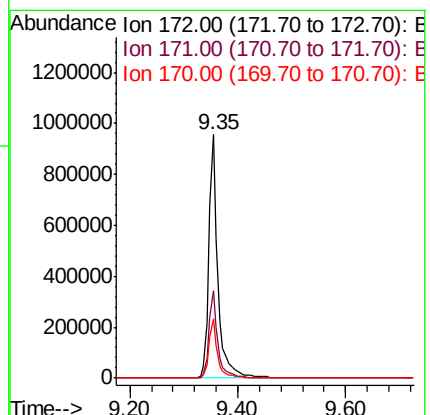
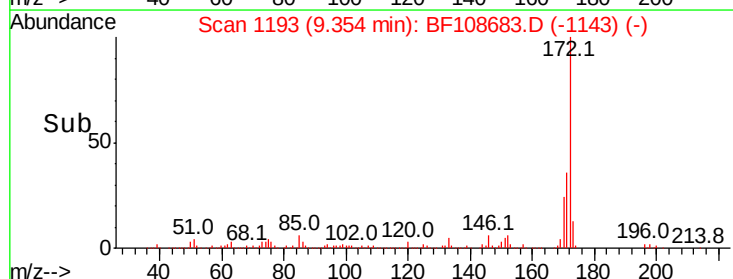


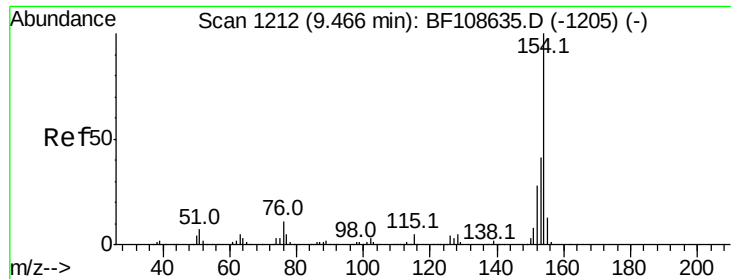
Abundance

Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





#45

1,1'-Biphenyl

Concen: 38.842 ng

RT: 9.46 min Scan# 1211

Delta R.T. -0.01 min

Lab File: BF108683.D

Acq: 31 Aug 2018 11:17

Instrument :

BNA_F

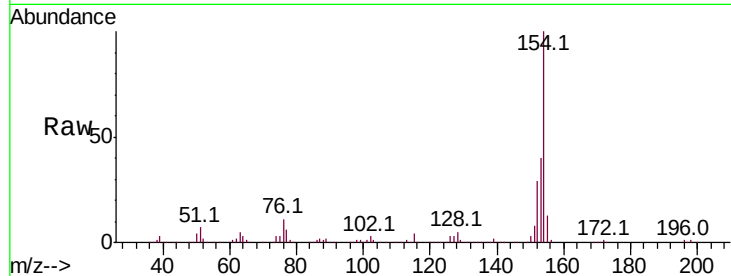
ClientSampleId :

PB112495BS

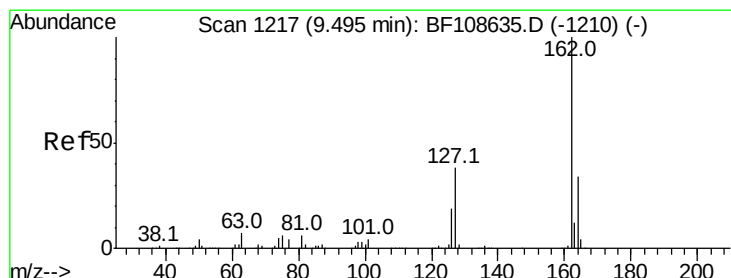
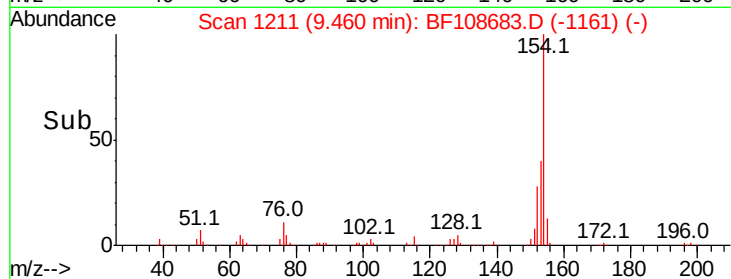
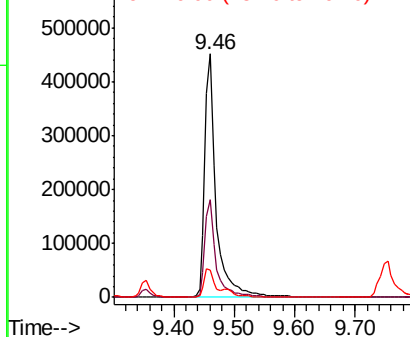
Tot Ion	Ratio	Resp	Lower	Upper
154	100			
153	40.4	21.3	61.3	
76	11.2	0.0	34.0	

Manual Integrations
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8/31/2018 12:19:27 PM



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: 37.047 ng

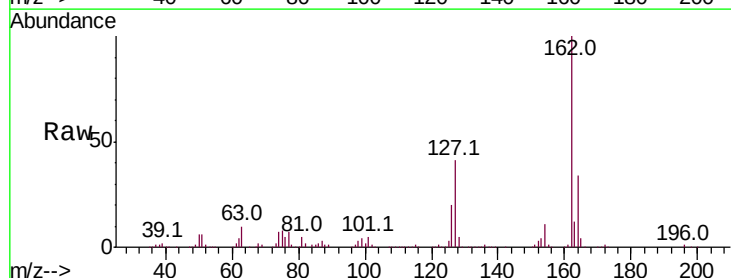
RT: 9.49 min Scan# 1216

Delta R.T. -0.01 min

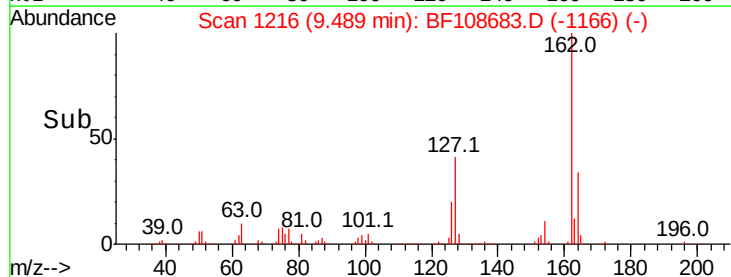
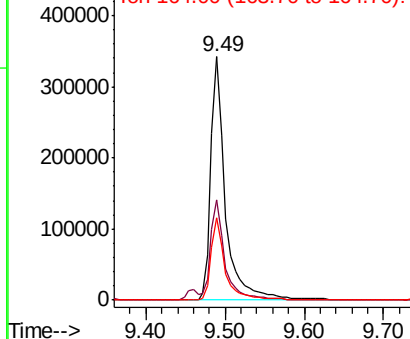
Lab File: BF108683.D

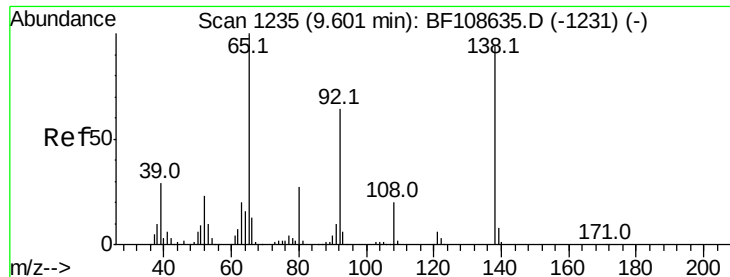
Acq: 31 Aug 2018 11:17

Tgt Ion	Ratio	Resp	Lower	Upper
162	100			
127	41.1	33.9	50.9	
164	33.6	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





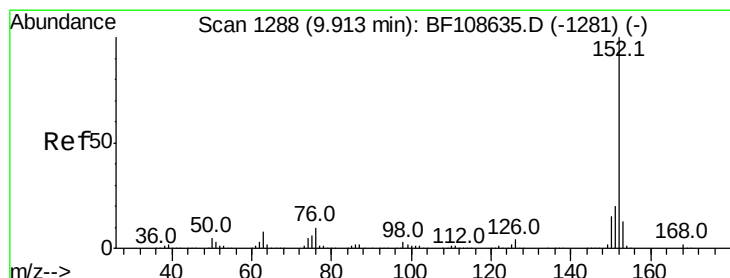
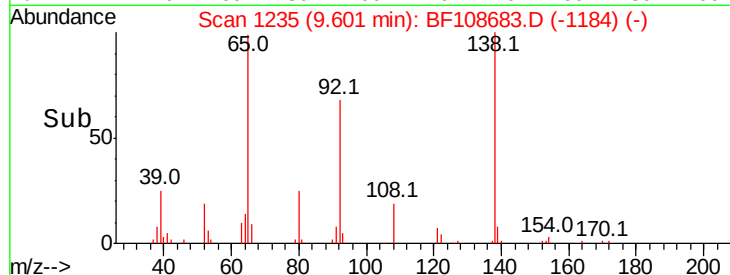
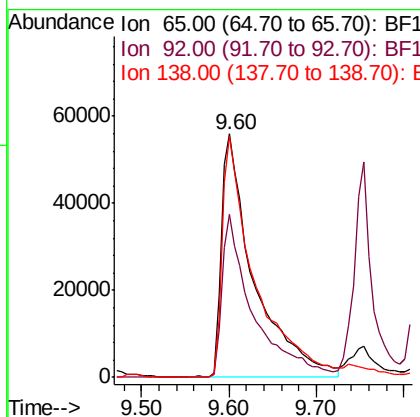
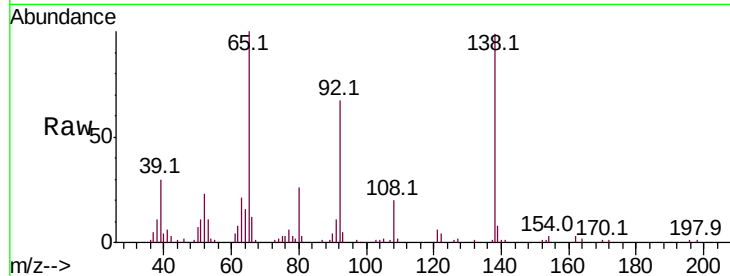
#47
2-Nitroaniline
Concen: 35.921 ng
RT: 9.60 min Scan# 1235
Delta R.T. 0.00 min
Lab File: BF108683.D
Acq: 31 Aug 2018 11:17

Instrument :
BNA_F
ClientSampleId :
PB112495BS

Tot Ion	Ratio	Lower	Upper
65	100		
92	67.0	55.8	83.6
138	99.3	91.2	136.8

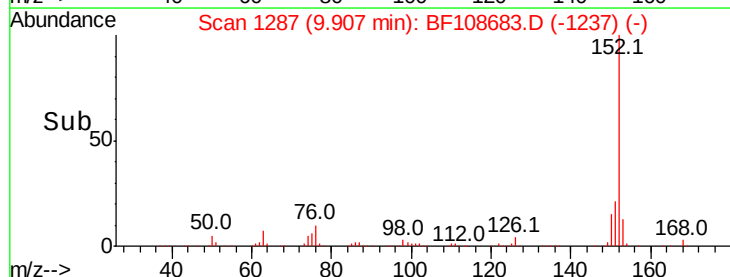
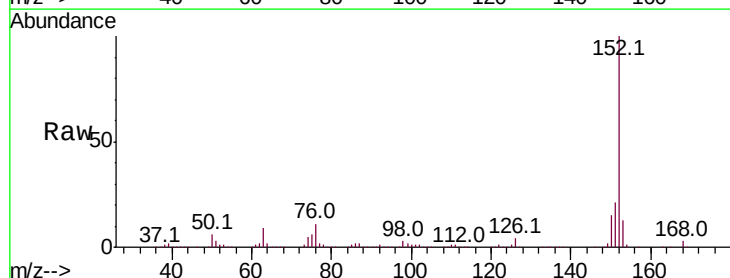
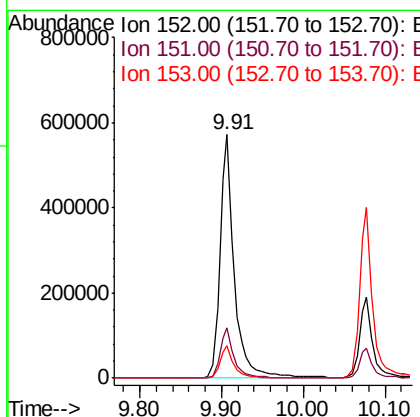
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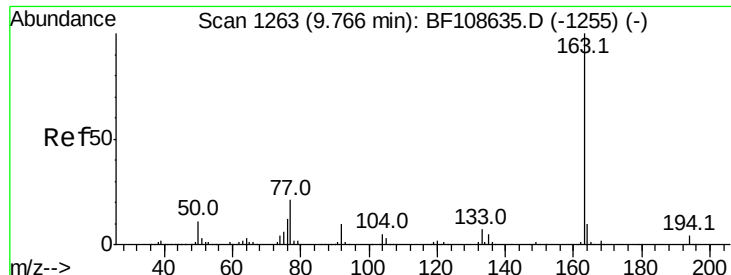
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8/31/2018 12:19:27 PM



#48
Acenaphthylene
Concen: 40.019 ng
RT: 9.91 min Scan# 1287
Delta R.T. -0.01 min
Lab File: BF108683.D
Acq: 31 Aug 2018 11:17

Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.7	16.3	24.5
153	13.3	10.7	16.1





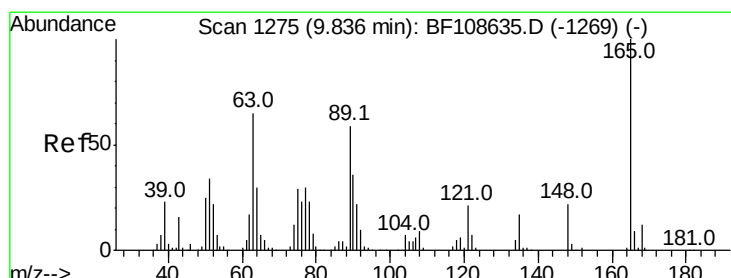
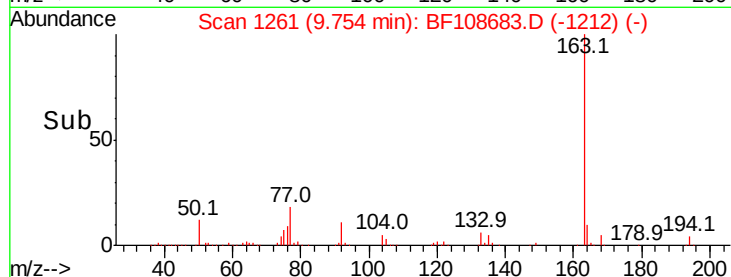
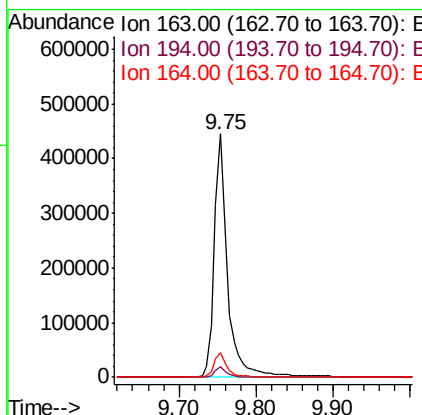
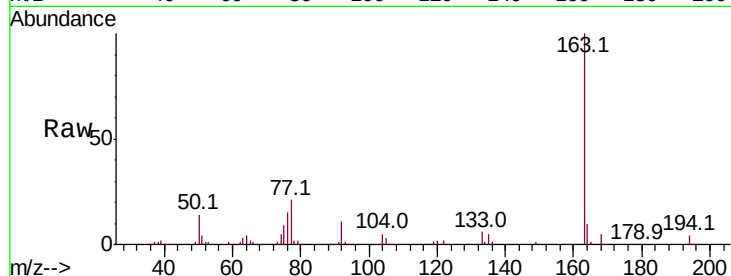
#49
Dimethylphthalate
Concen: 38.317 ng
RT: 9.75 min Scan# 1261
Delta R.T. -0.01 min
Lab File: BF108683.D
Acq: 31 Aug 2018 11:17

Instrument :
BNA_F
ClientSampleId :
PB112495BS

Tot Ion	Ratio	Resp	Lower	Upper
163	100			
194	4.2	2.7	4.1#	
164	10.0	8.2	12.2	

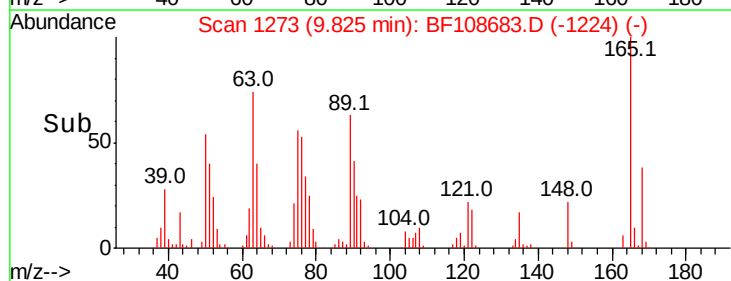
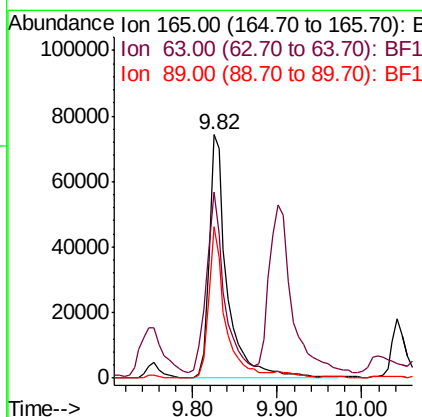
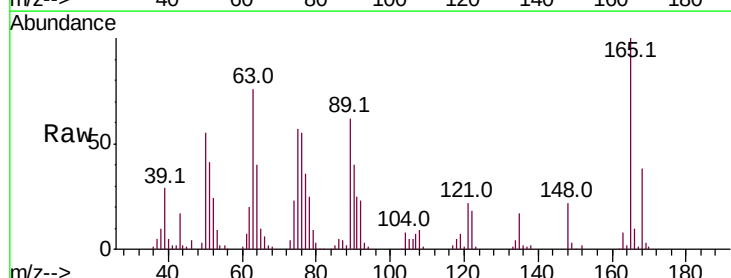
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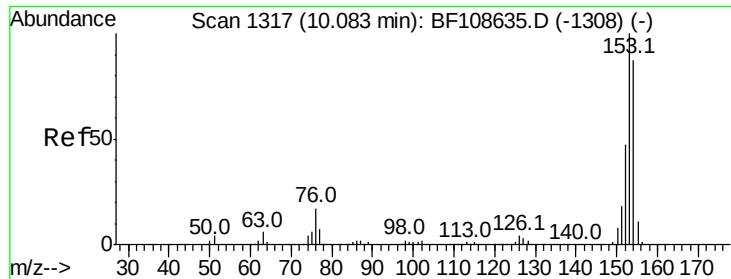
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#50
2,6-Dinitrotoluene
Concen: 36.890 ng
RT: 9.82 min Scan# 1273
Delta R.T. -0.01 min
Lab File: BF108683.D
Acq: 31 Aug 2018 11:17

Tgt Ion	Ratio	Resp	Lower	Upper
165	100			
63	76.4	44.7	67.1#	
89	62.3	44.0	66.0	





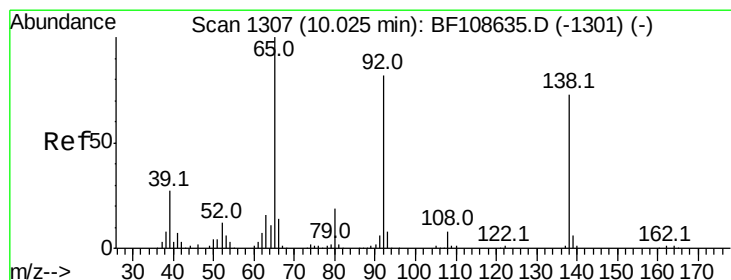
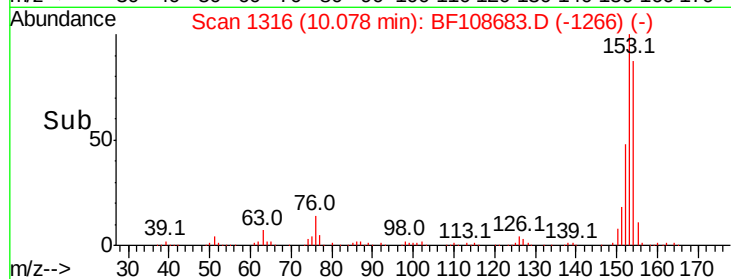
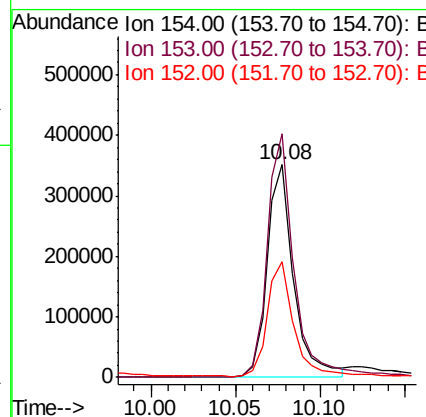
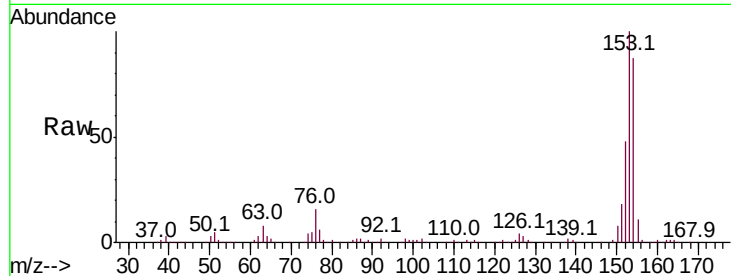
#51
Acenaphthene
Concen: 36.672 ng
RT: 10.08 min Scan# 1316
Delta R.T. -0.01 min
Lab File: BF108683.D
Acq: 31 Aug 2018 11:17

Instrument :
BNA_F
ClientSampleId :
PB112495BS

Tot Ion	Ratio	Lower	Upper
154	100		
153	114.6	91.2	136.8
152	54.6	43.8	65.8

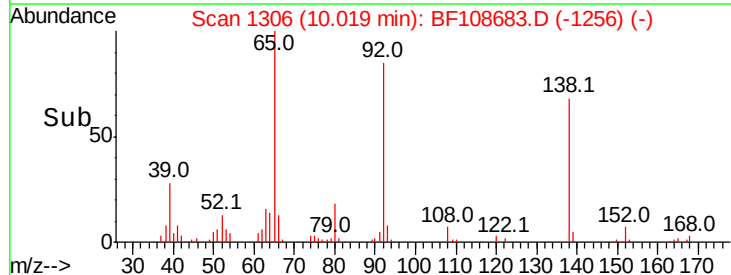
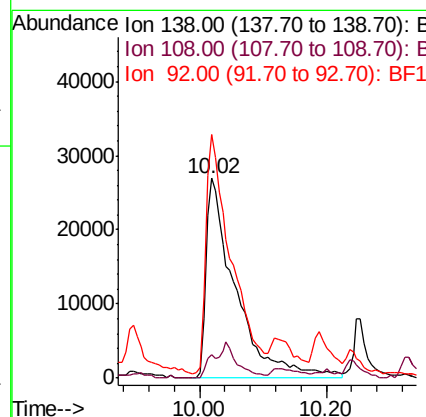
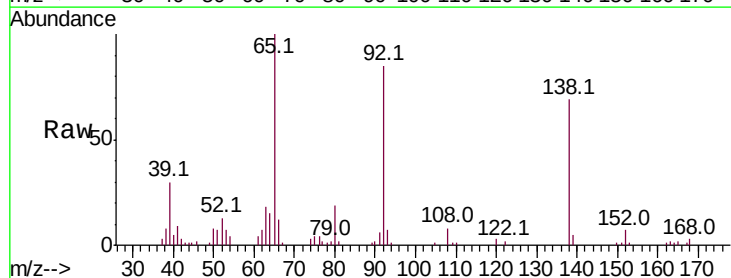
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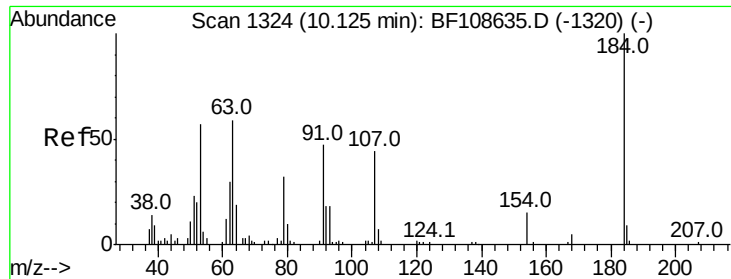
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#52
3-Nitroaniline
Concen: 26.492 ng
RT: 10.02 min Scan# 1306
Delta R.T. -0.01 min
Lab File: BF108683.D
Acq: 31 Aug 2018 11:17

Tgt Ion	Ratio	Lower	Upper
138	100		
108	11.8	9.4	14.0
92	121.7	89.4	134.2





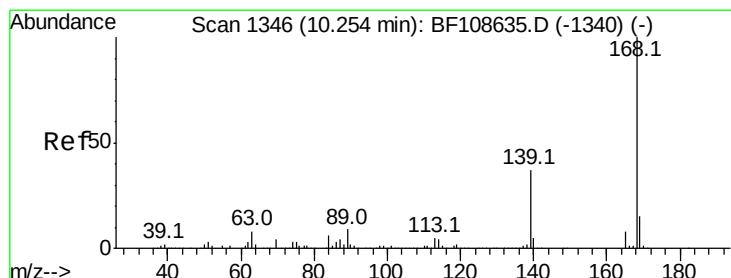
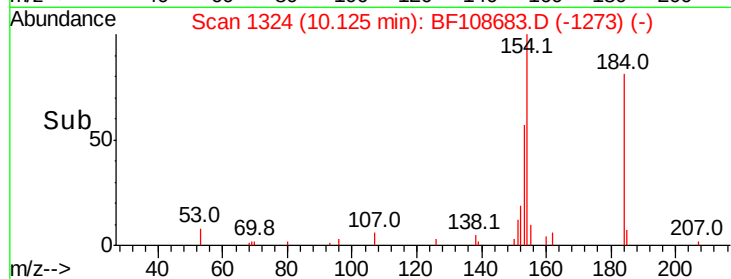
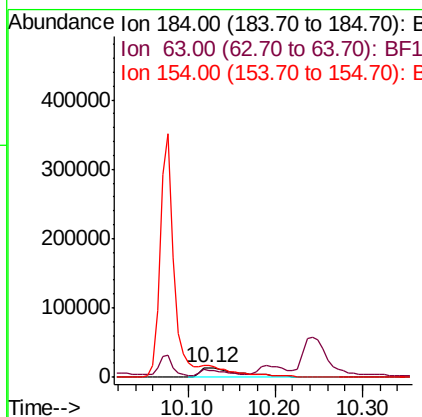
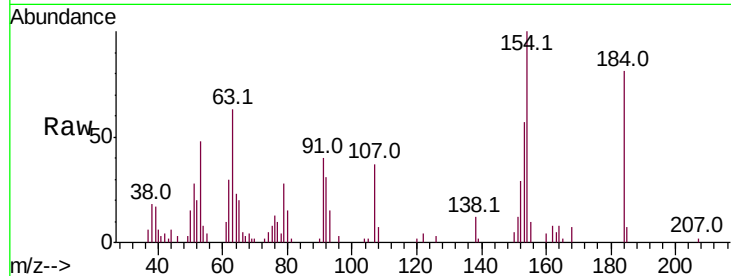
#53
 2,4-Dinitrophenol
 Concen: 43.586 ng
 RT: 10.12 min Scan# 1324
 Delta R.T. 0.00 min
 Lab File: BF108683.D
 Acq: 31 Aug 2018 11:17

Instrument :
 BNA_F
 ClientSampleId :
 PB112495BS

Tot Ion	Ratio	Lower	Upper
184	100		
63	77.9	54.2	81.2
154	123.4	184.0	276.0#

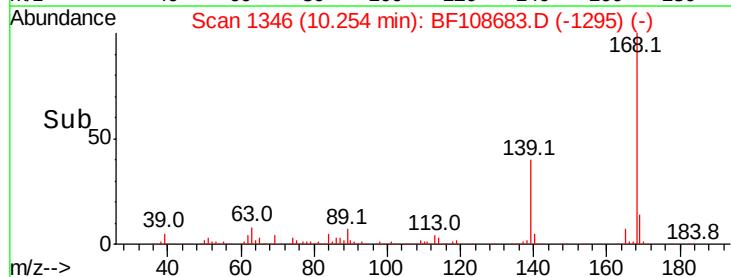
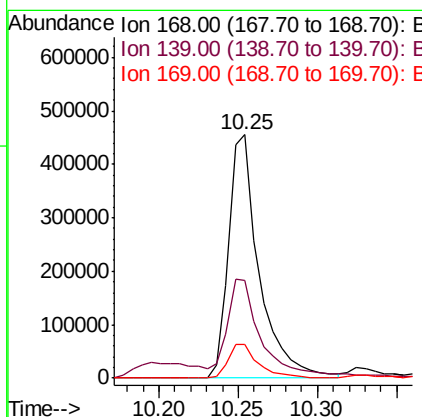
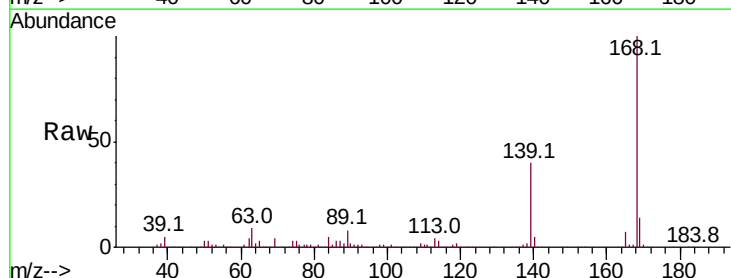
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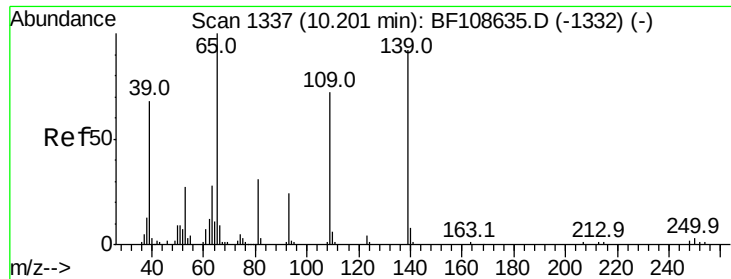
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#54
 Dibenzofuran
 Concen: 37.295 ng
 RT: 10.25 min Scan# 1346
 Delta R.T. 0.00 min
 Lab File: BF108683.D
 Acq: 31 Aug 2018 11:17

Tgt Ion	Ratio	Lower	Upper
168	100		
139	39.9	30.1	45.1
169	13.6	10.9	16.3





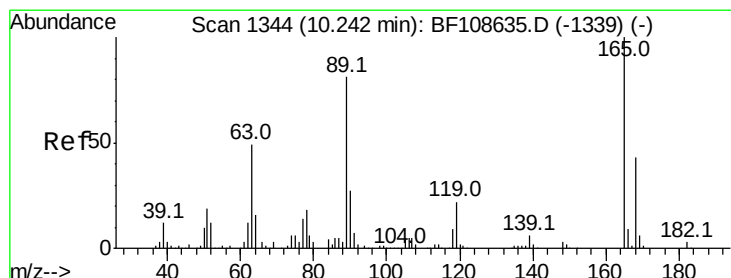
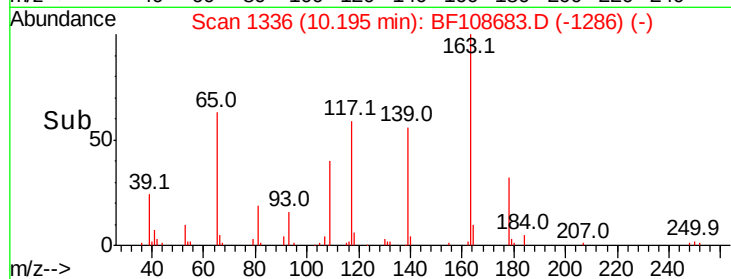
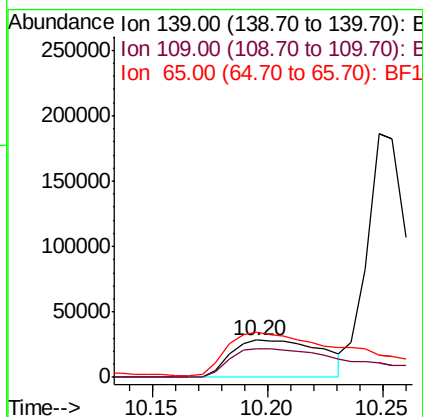
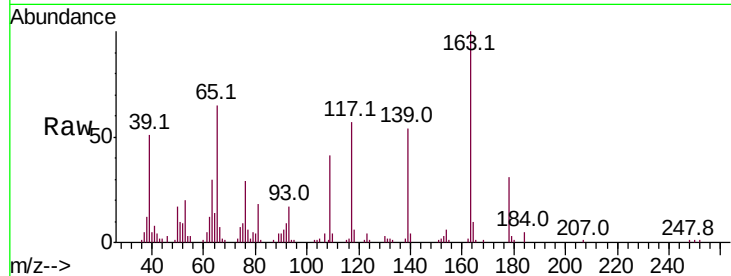
#55
4-Nitrophenol
Concen: 39.877 ng
RT: 10.20 min Scan# 1336
Delta R.T. -0.01 min
Lab File: BF108683.D
Acq: 31 Aug 2018 11:17

Instrument :
BNA_F
ClientSampled :
PB112495BS

Tot Ion	Ratio	Lower	Upper
139	100		
109	75.8	48.4	88.4
65	121.0	72.6	112.6#

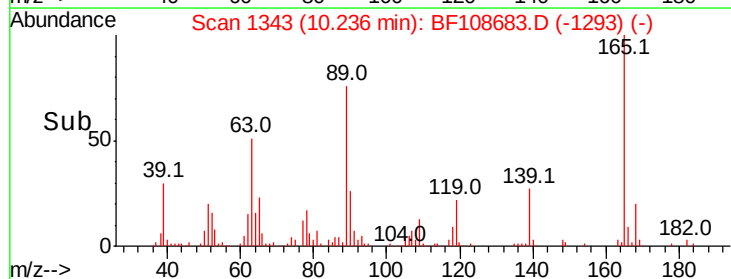
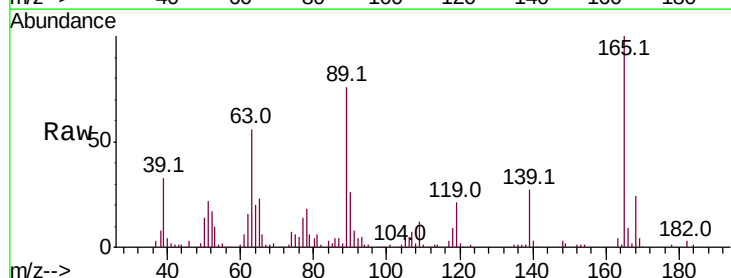
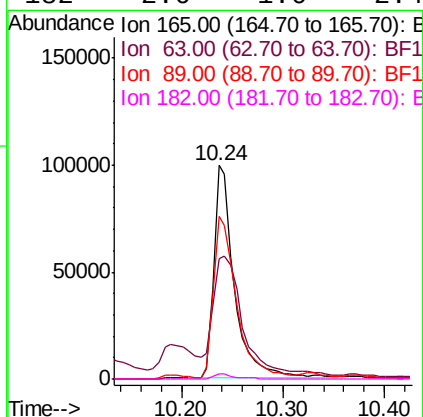
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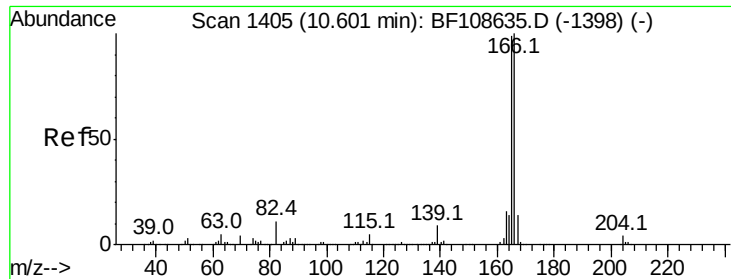
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#56
2,4-Dinitrotoluene
Concen: 34.873 ng
RT: 10.24 min Scan# 1343
Delta R.T. -0.01 min
Lab File: BF108683.D
Acq: 31 Aug 2018 11:17

Tgt Ion	Ratio	Lower	Upper
165	100		
63	56.5	36.4	54.6#
89	76.1	57.8	86.6
182	2.6	1.6	2.4#





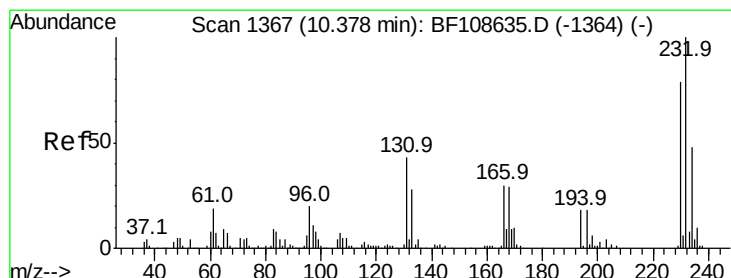
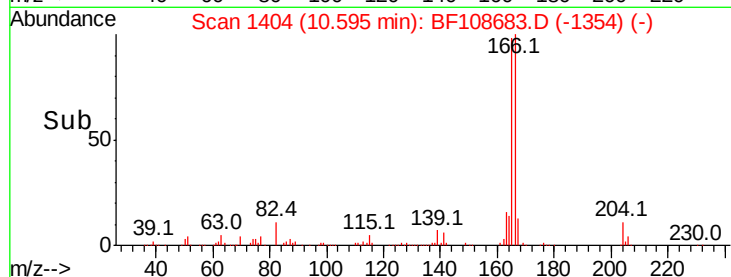
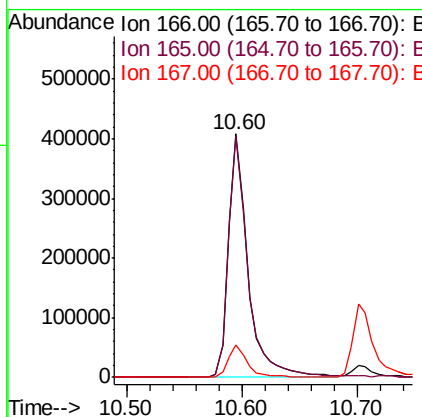
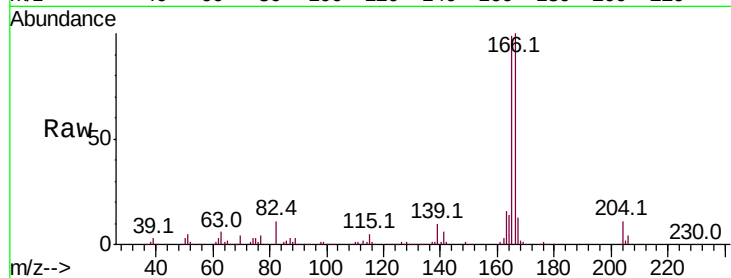
#57
 Fluorene
 Concen: 37.944 ng
 RT: 10.60 min Scan# 1404
 Delta R.T. -0.01 min
 Lab File: BF108683.D
 Acq: 31 Aug 2018 11:17

Instrument :
 BNA_F
 ClientSampleId :
 PB112495BS

Tot Ion	Ratio	Lower	Upper
166	100		
165	98.9	79.8	119.8
167	13.4	10.6	16.0

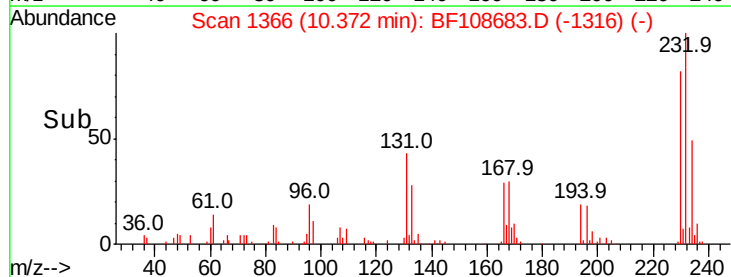
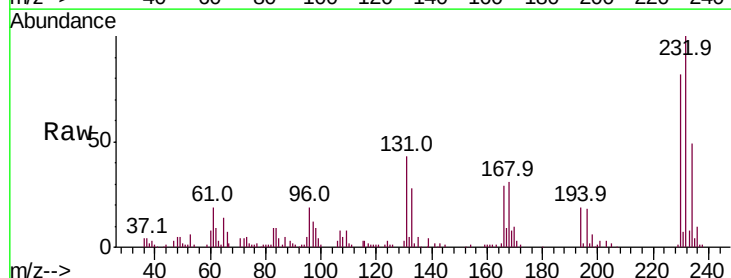
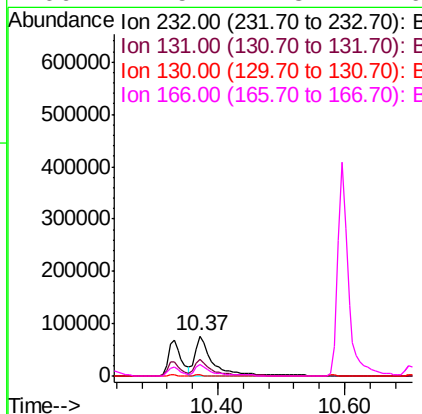
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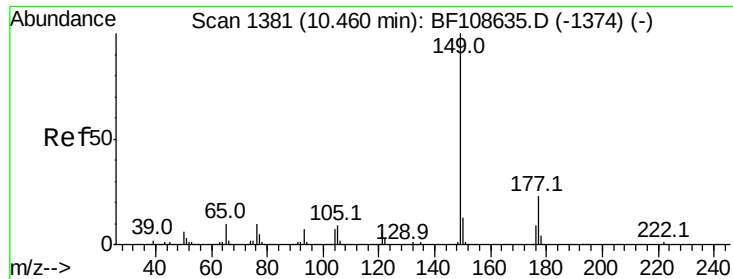
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#58
 2,3,4,6-Tetrachlorophenol
 Concen: 37.500 ng
 RT: 10.37 min Scan# 1366
 Delta R.T. -0.01 min
 Lab File: BF108683.D
 Acq: 31 Aug 2018 11:17

Tgt Ion	Ratio	Lower	Upper
232	100		
131	41.0	43.8	65.8#
130	1.9	2.1	3.1#
166	22.5	27.8	41.6#





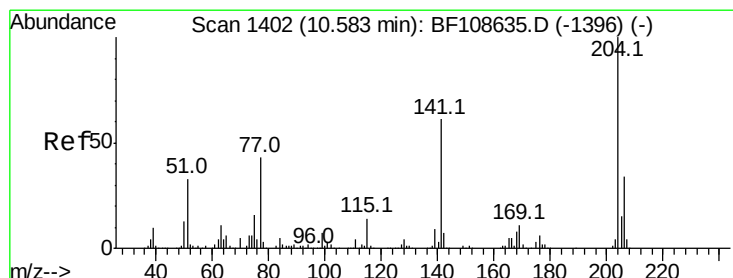
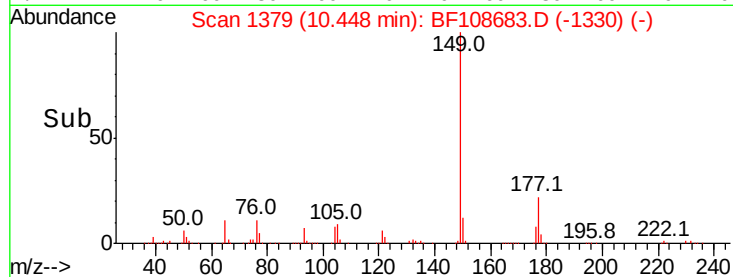
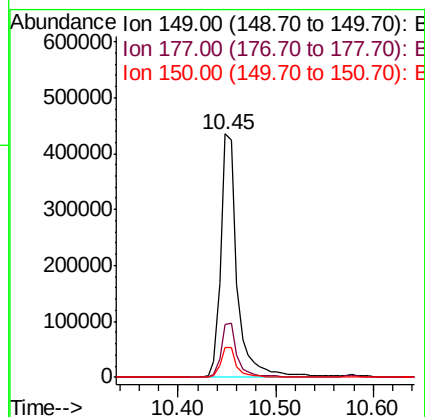
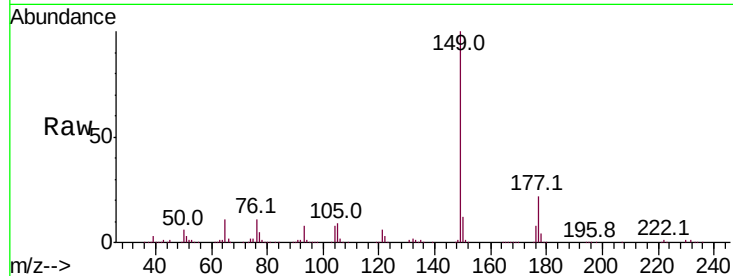
#59
Diethylphthalate
Concen: 37.015 ng
RT: 10.45 min Scan# 1379
Delta R.T. -0.01 min
Lab File: BF108683.D
Acq: 31 Aug 2018 11:17

Instrument :
BNA_F
ClientSampleId :
PB112495BS

Tot Ion:	149	Resp:	513163
Ion Ratio	Lower	Upper	
149	100		
177	21.7	16.1	24.1
150	12.5	10.1	15.1

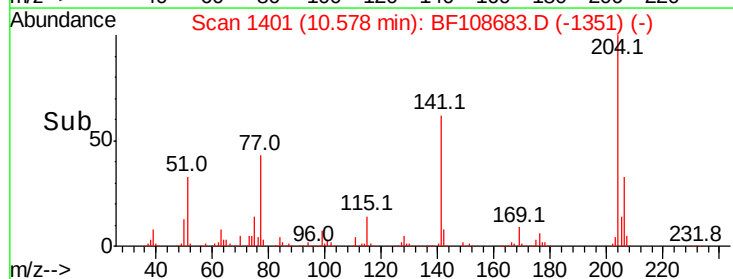
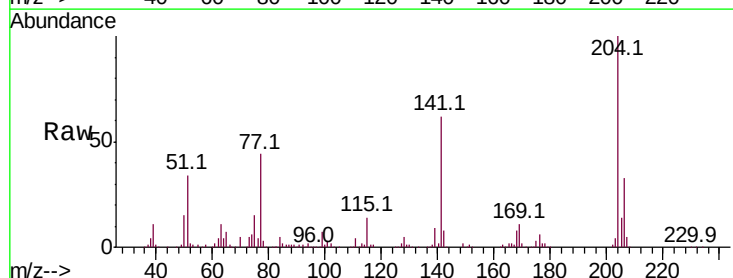
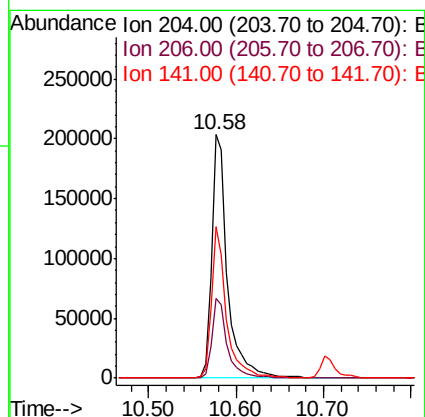
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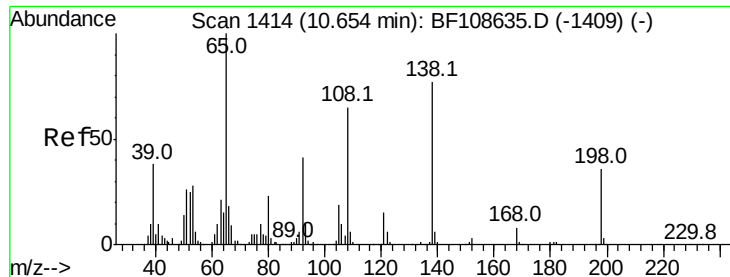
Sohil
8/31/2018 12:19:27 PM



#60
4-Chlorophenyl-phenylether
Concen: 35.402 ng
RT: 10.58 min Scan# 1401
Delta R.T. -0.01 min
Lab File: BF108683.D
Acq: 31 Aug 2018 11:17

Tgt Ion:	204	Resp:	253972
Ion Ratio	Lower	Upper	
204	100		
206	33.0	26.5	39.7
141	62.1	54.6	81.8





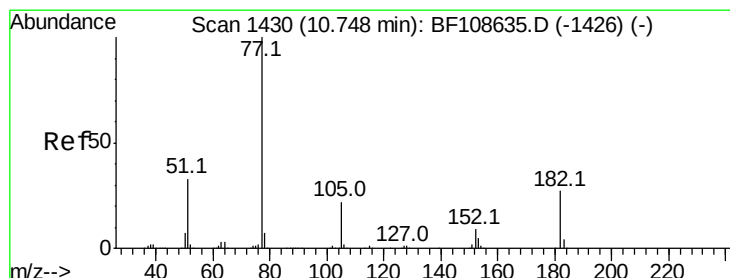
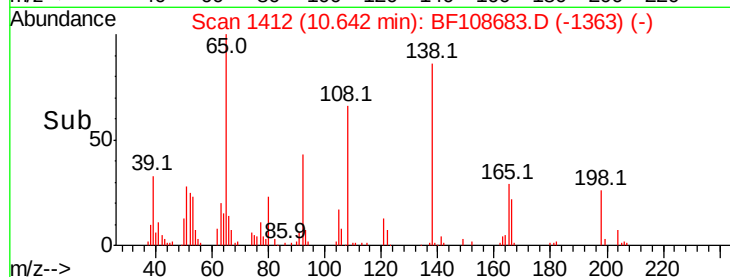
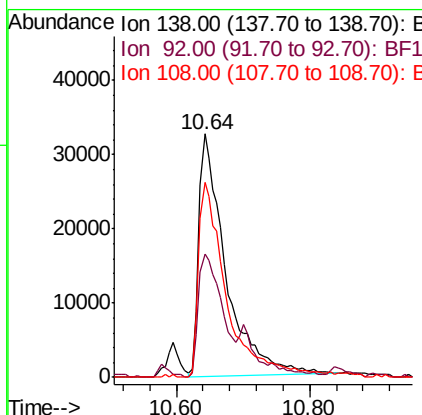
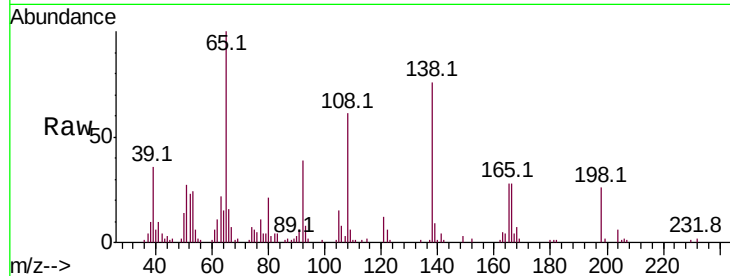
#61
4-Nitroaniline
Concen: 28.456 ng
RT: 10.64 min Scan# 1412
Delta R.T. -0.01 min
Lab File: BF108683.D
Acq: 31 Aug 2018 11:17

Instrument :
BNA_F
ClientSampleId :
PB112495BS

Tot Ion	Ratio	Lower	Upper
138	100		
92	50.7	30.2	70.2
108	79.9	52.5	92.5

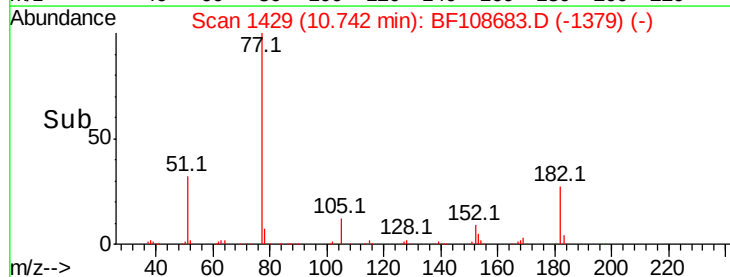
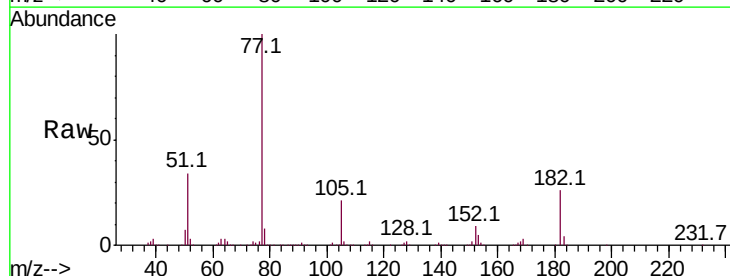
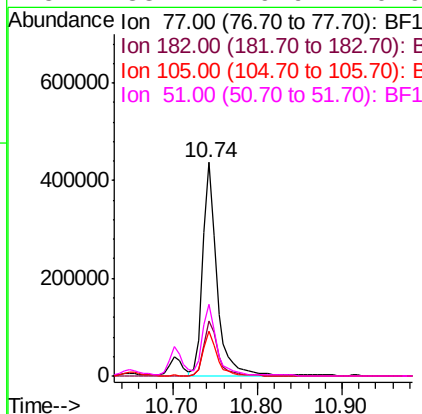
Manual Integrations
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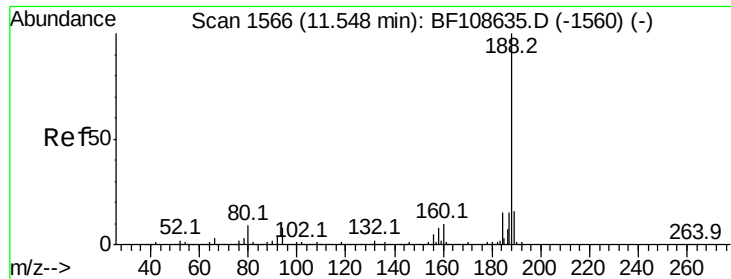
Sohil
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#62
Azobenzene
Concen: 36.447 ng
RT: 10.74 min Scan# 1429
Delta R.T. -0.01 min
Lab File: BF108683.D
Acq: 31 Aug 2018 11:17

Tgt Ion	Ratio	Lower	Upper
77	100		
182	26.0	1.7	41.7
105	20.9	3.0	43.0
51	33.7	9.9	49.9





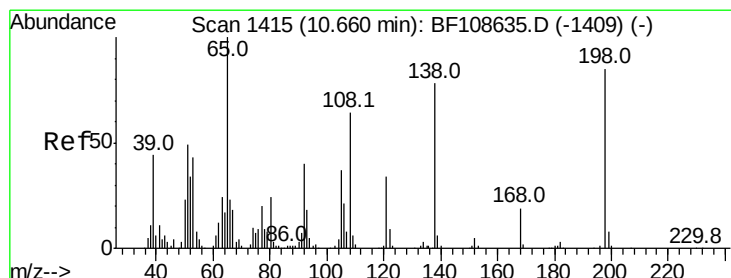
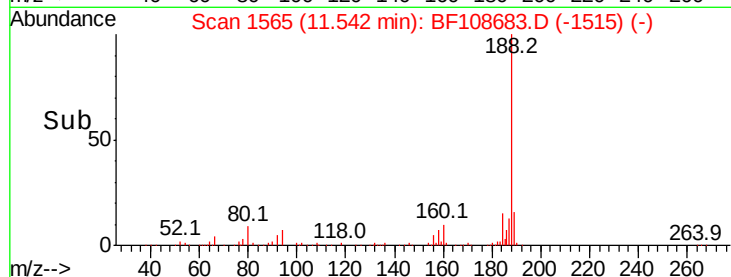
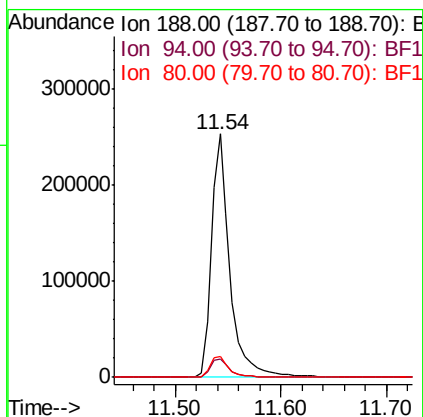
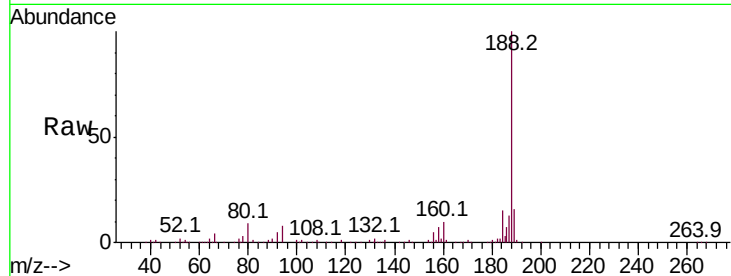
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.54 min Scan# 1565
Delta R.T. -0.01 min
Lab File: BF108683.D
Acq: 31 Aug 2018 11:17

Instrument :
BNA_F
ClientSampleId :
PB112495BS

Tot Ion	Ratio	Resp Lower	Upper
188	100		
94	7.8	8.5	12.7#
80	8.8	9.2	13.8#

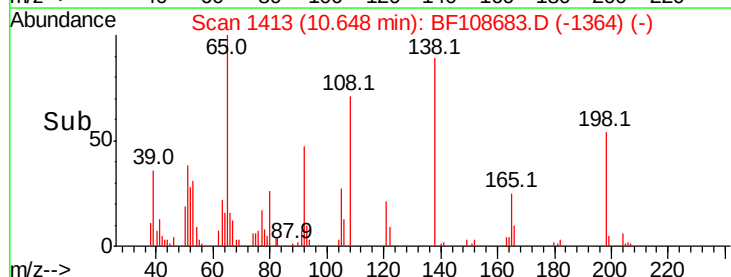
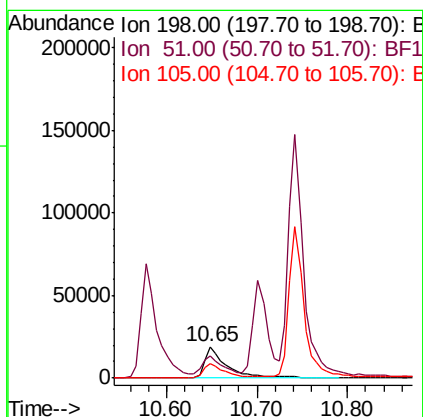
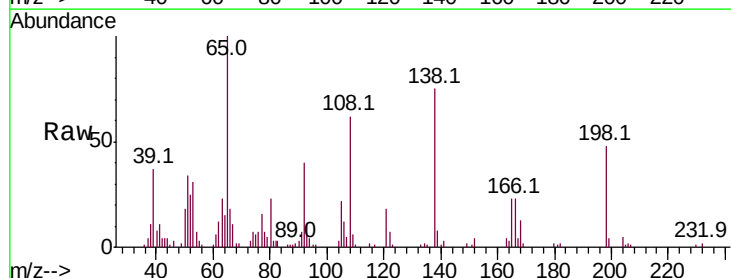
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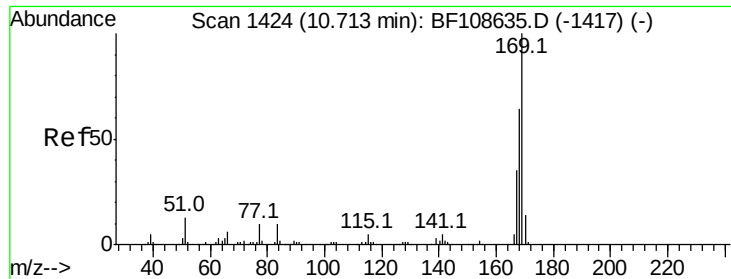
Sohil
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#64
4,6-Dinitro-2-methylphenol
Concen: 24.101 ng
RT: 10.65 min Scan# 1413
Delta R.T. -0.01 min
Lab File: BF108683.D
Acq: 31 Aug 2018 11:17

Tgt Ion	Ratio	Resp Lower	Upper
198	100		
51	70.7	37.7	77.7
105	46.3	36.3	76.3





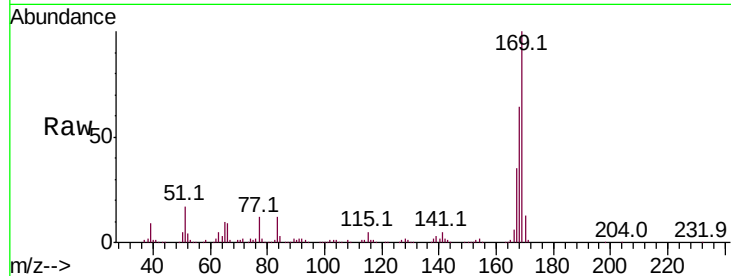
#65
n-Nitrosodiphenylamine
Concen: 42.016 ng
RT: 10.70 min Scan# 1422
Delta R.T. -0.01 min
Lab File: BF108683.D
Acq: 31 Aug 2018 11:17

Instrument :
BNA_F
ClientSampleId :
PB112495BS

Tot Ion	Ratio	Resp	Lower	Upper
169	100	433522		
168	64.3		54.4	81.6
167	35.3		29.8	44.6

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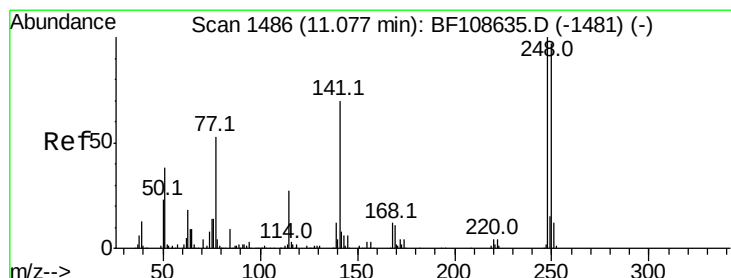
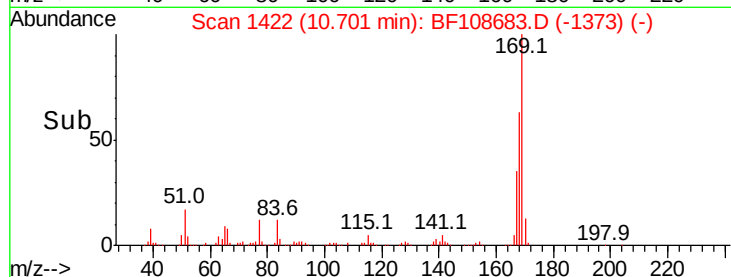
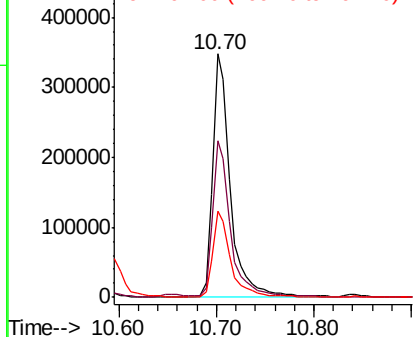


Abundance

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: 41.875 ng
RT: 11.07 min Scan# 1485
Delta R.T. -0.01 min
Lab File: BF108683.D
Acq: 31 Aug 2018 11:17

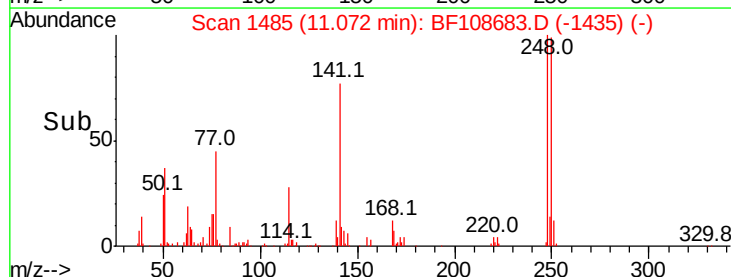
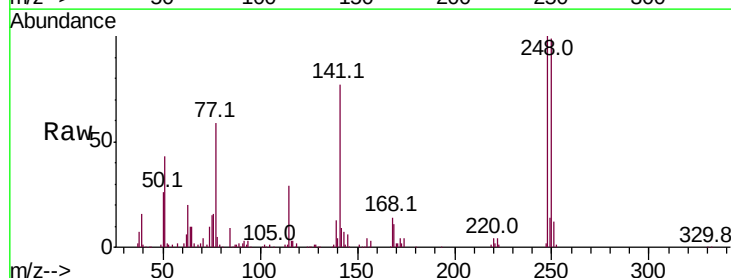
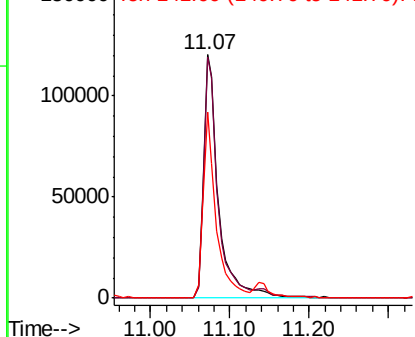
Tgt Ion	Ratio	Resp	Lower	Upper
248	100	159831		
250	99.1		76.9	115.3
141	76.7		74.4	111.6

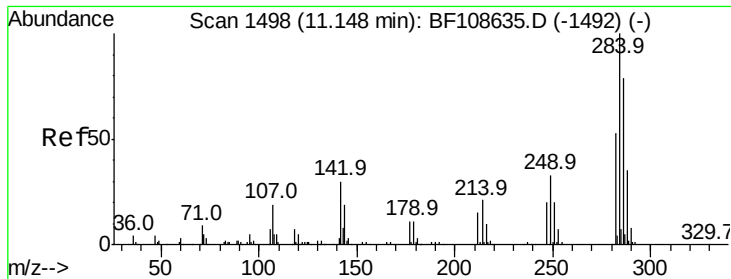
Abundance

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: 38.431 ng

RT: 11.14 min Scan# 1497

Delta R.T. -0.01 min

Lab File: BF108683.D

Acq: 31 Aug 2018 11:17

Instrument :

BNA_F

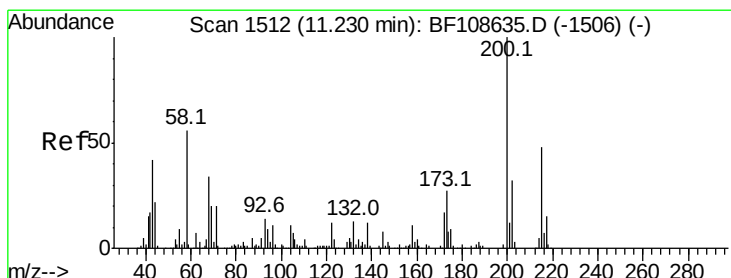
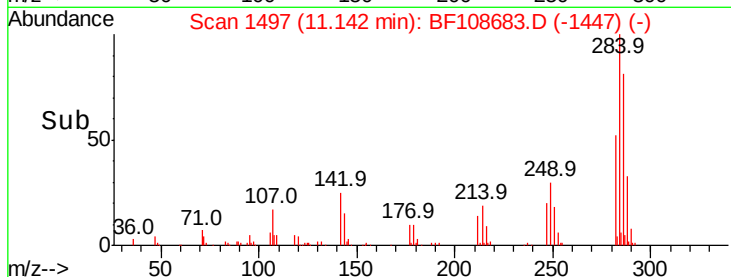
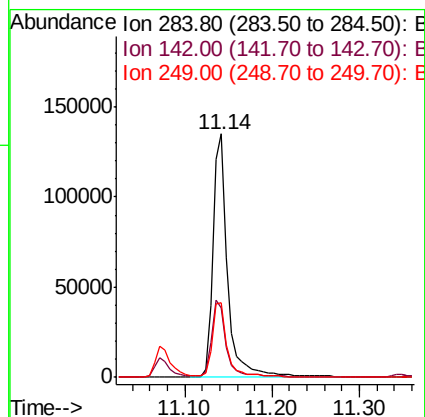
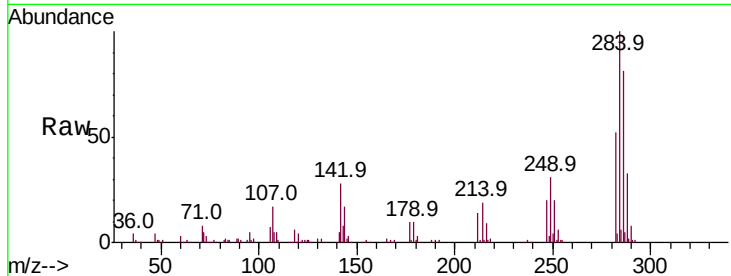
ClientSampleId :

PB112495BS

Tot Ion:	284	Resp:	158034
Ion Ratio	Lower	Upper	
284	100		
142	28.4	34.6	52.0#
249	30.9	24.8	37.2

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#68

Atrazine

Concen: 50.711 ng

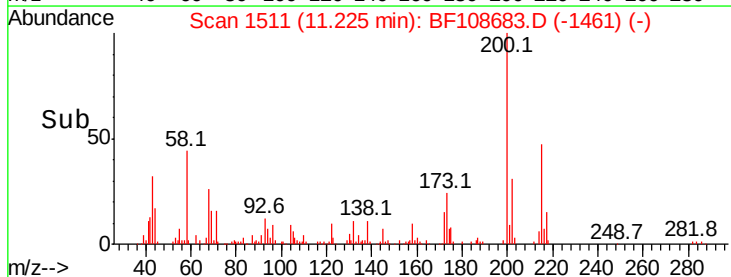
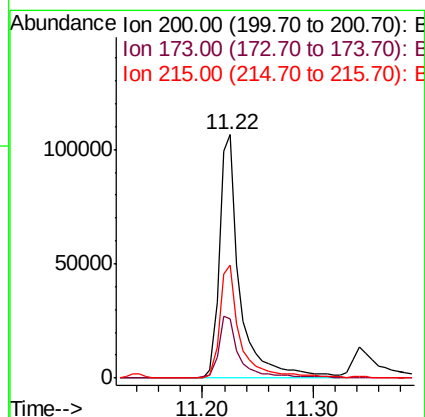
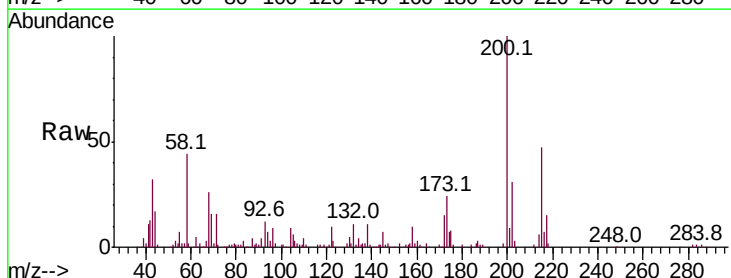
RT: 11.22 min Scan# 1511

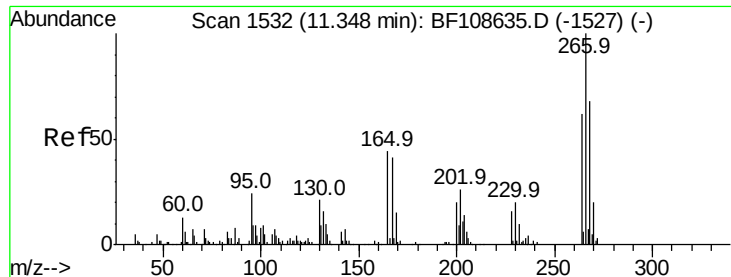
Delta R.T. -0.01 min

Lab File: BF108683.D

Acq: 31 Aug 2018 11:17

Tgt Ion:	200	Resp:	137215
Ion Ratio	Lower	Upper	
200	100		
173	24.2	8.6	48.6
215	46.6	25.1	65.1





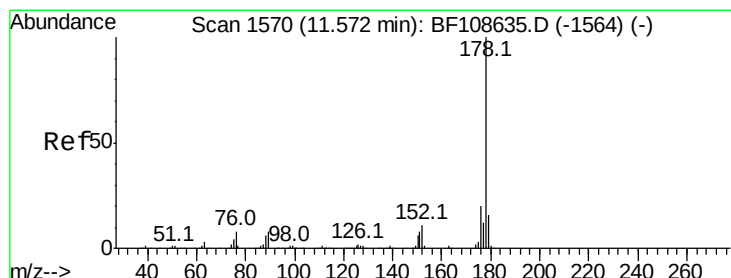
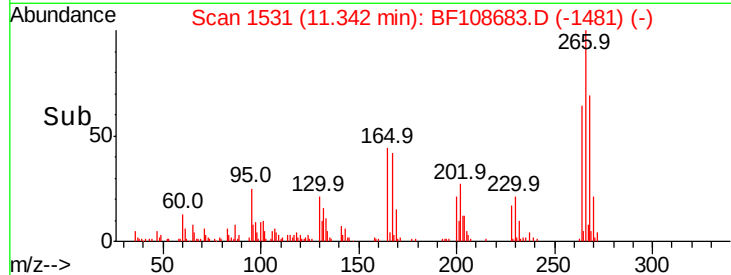
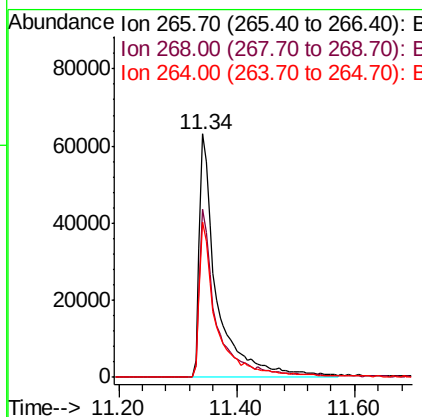
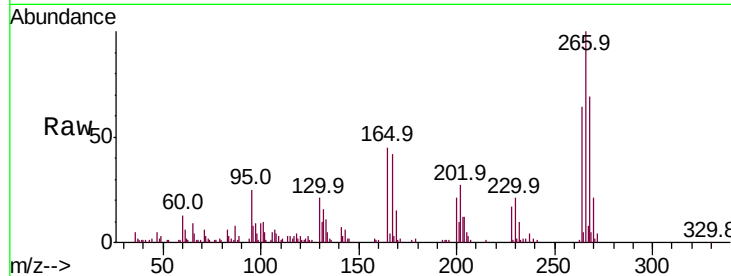
#69
 Pentachlorophenol
 Concen: 59.649 ng
 RT: 11.34 min Scan# 1531
 Delta R.T. -0.01 min
 Lab File: BF108683.D
 Acq: 31 Aug 2018 11:17

Instrument :
 BNA_F
 ClientSampleId :
 PB112495BS

Tot Ion	Ratio	Resp	Lower	Upper
266	100	130336		
268	69.2	51.1	76.7	
264	63.5	49.5	74.3	

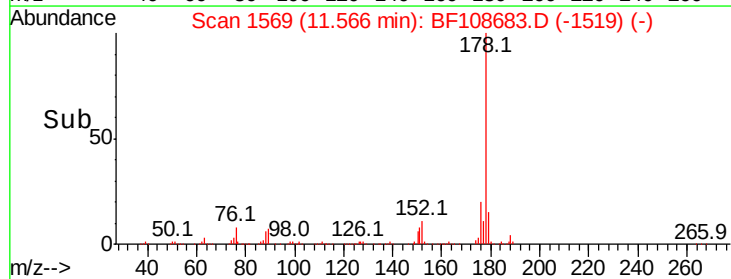
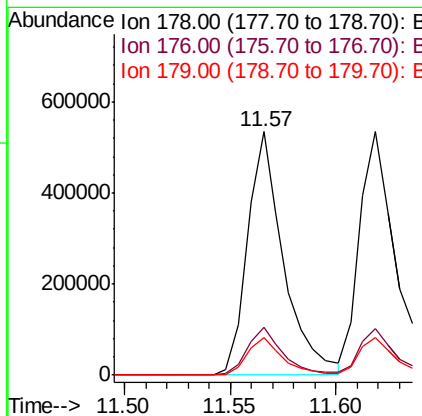
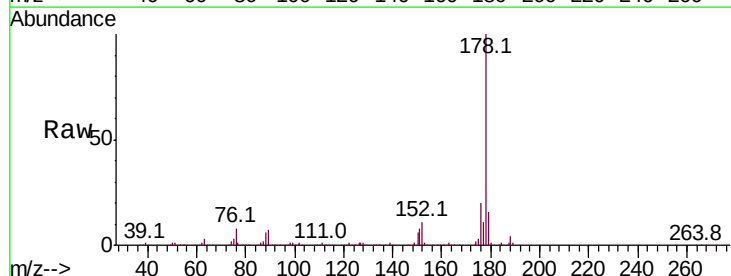
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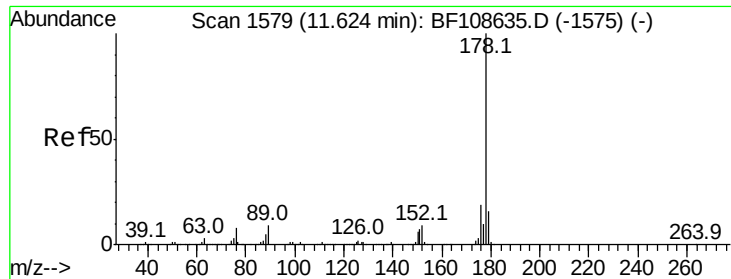
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#70
 Phenanthrene
 Concen: 40.311 ng
 RT: 11.57 min Scan# 1569
 Delta R.T. -0.01 min
 Lab File: BF108683.D
 Acq: 31 Aug 2018 11:17

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	631903		
176	19.7	15.8	23.8	
179	15.5	13.0	19.6	





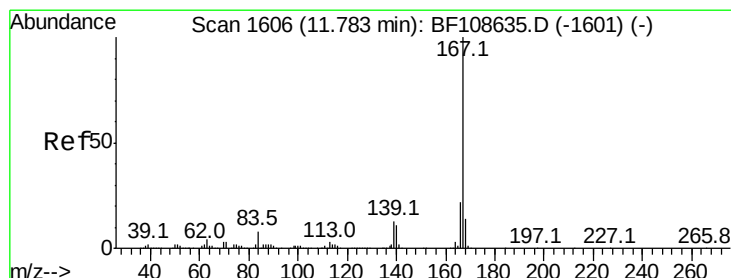
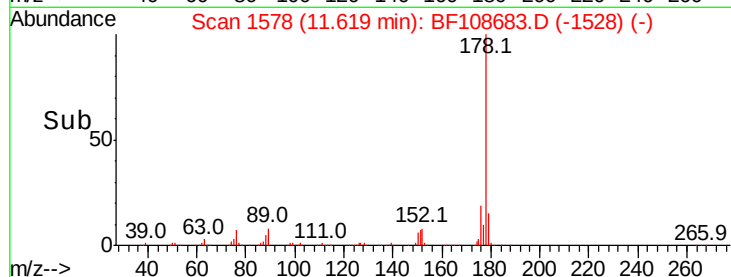
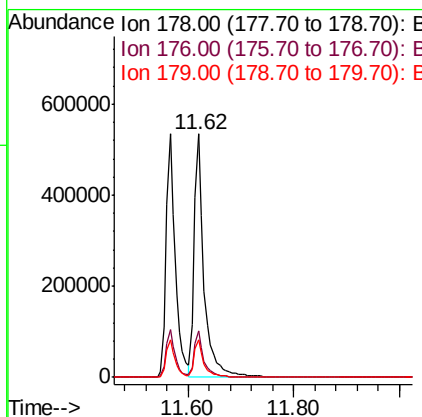
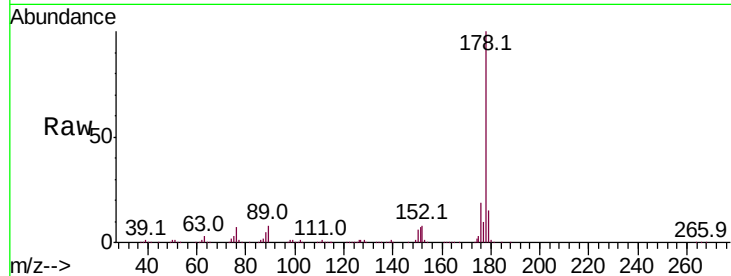
#71
 Anthracene
 Concen: 42.761 ng
 RT: 11.62 min Scan# 1578
 Delta R.T. -0.01 min
 Lab File: BF108683.D
 Acq: 31 Aug 2018 11:17

Instrument :
 BNA_F
 ClientSampleId :
 PB112495BS

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.2	15.4	23.2
179	15.5	12.6	19.0

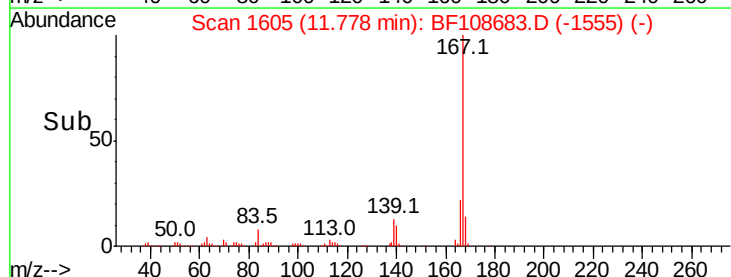
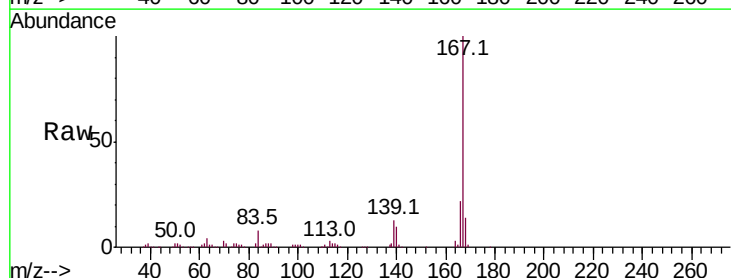
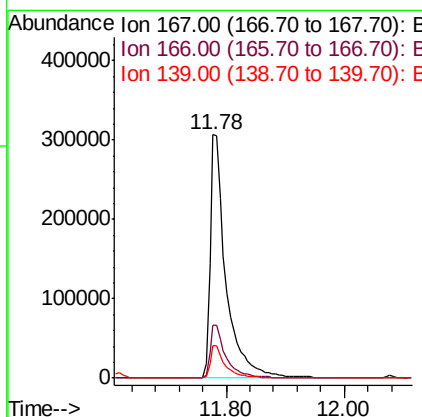
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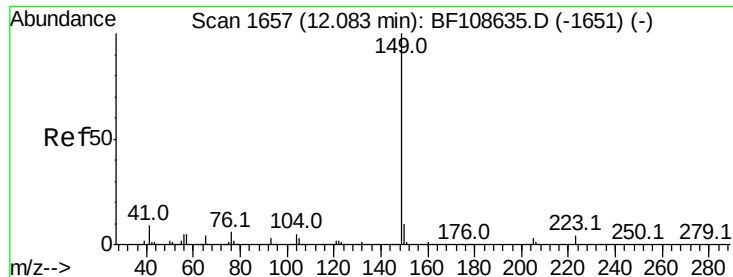
Sohil
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#72
 Carbazole
 Concen: 36.155 ng
 RT: 11.78 min Scan# 1605
 Delta R.T. -0.01 min
 Lab File: BF108683.D
 Acq: 31 Aug 2018 11:17

Tgt Ion	Ratio	Lower	Upper
167	100		
166	21.7	17.6	26.4
139	13.1	10.9	16.3





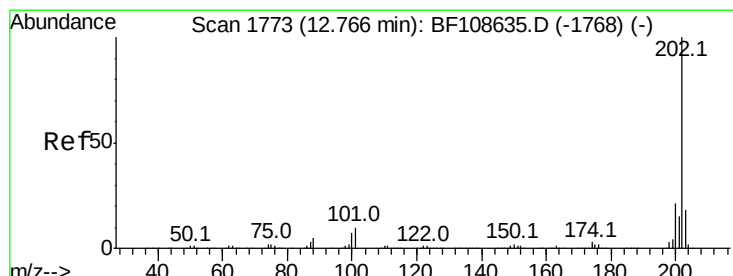
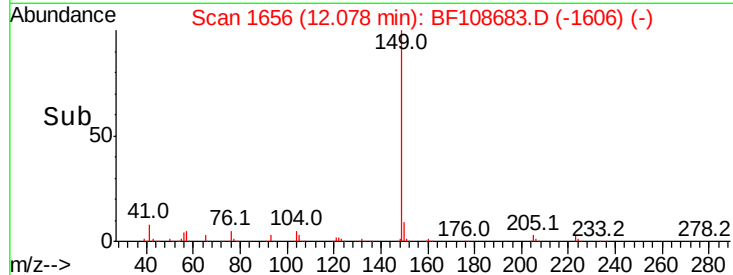
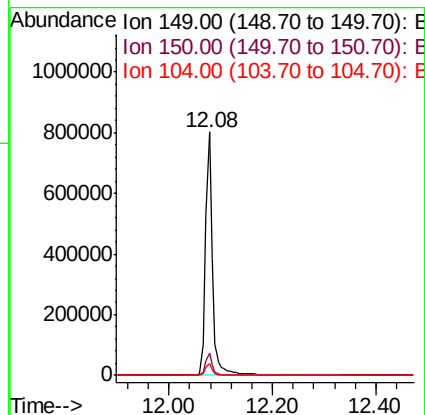
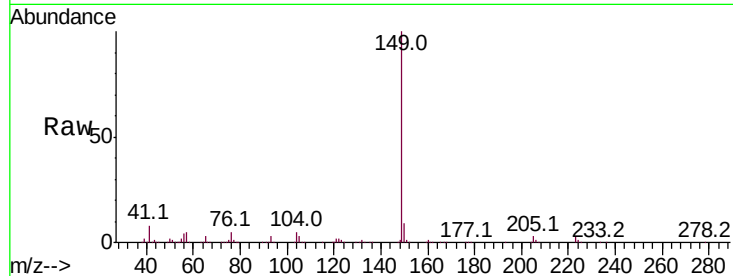
#73
Di-n-butylphthalate
Concen: 41.403 ng
RT: 12.08 min Scan# 1656
Delta R.T. -0.01 min
Lab File: BF108683.D
Acq: 31 Aug 2018 11:17

Instrument :
BNA_F
ClientSampleId :
PB112495BS

Tot Ion	Ratio	Resp	Lower	Upper
149	100			
150	9.3	7.8	11.6	
104	5.0	3.8	5.8	

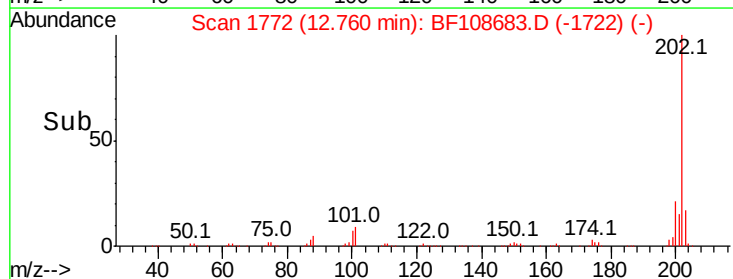
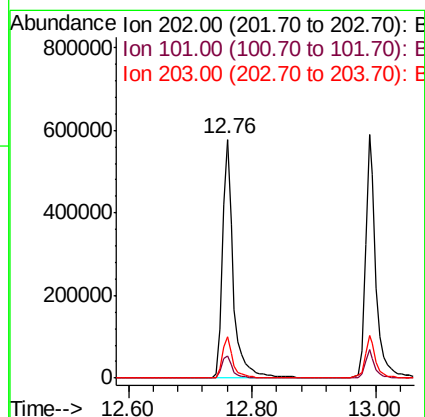
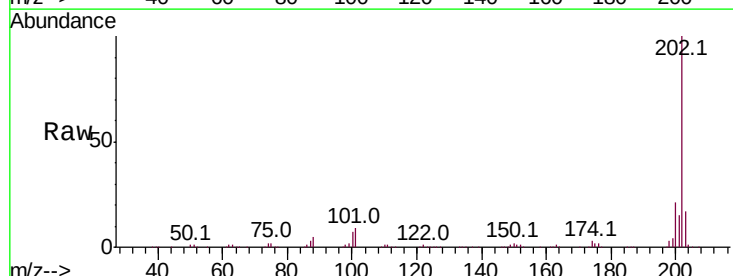
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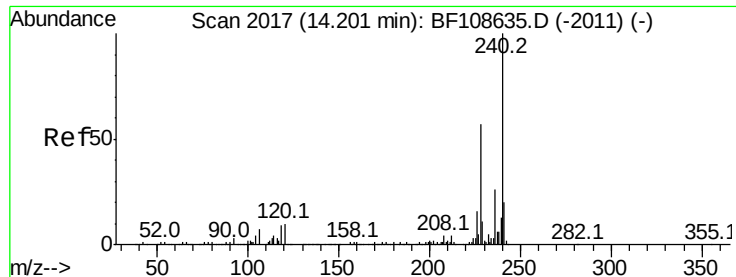
Sohil
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#74
Fluoranthene
Concen: 39.493 ng
RT: 12.76 min Scan# 1772
Delta R.T. -0.01 min
Lab File: BF108683.D
Acq: 31 Aug 2018 11:17

Tgt Ion	Ratio	Resp	Lower	Upper
202	100			
101	9.3	0.0	34.1	
203	17.2	0.0	38.1	





#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.20 min Scan# 2016

Delta R.T. -0.01 min

Lab File: BF108683.D

Acq: 31 Aug 2018 11:17

Instrument :

BNA_F

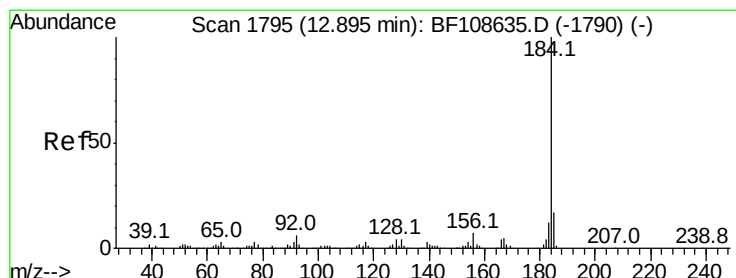
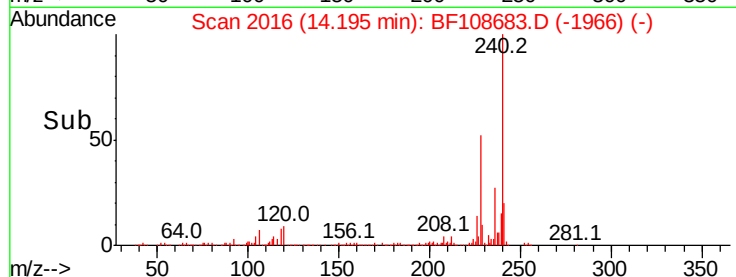
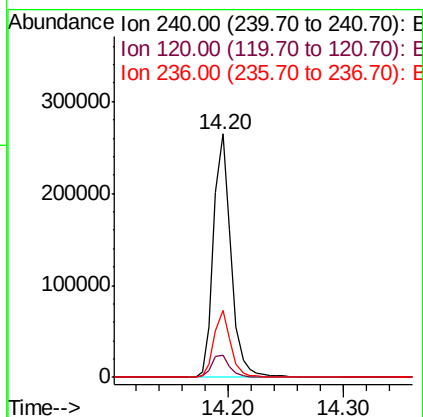
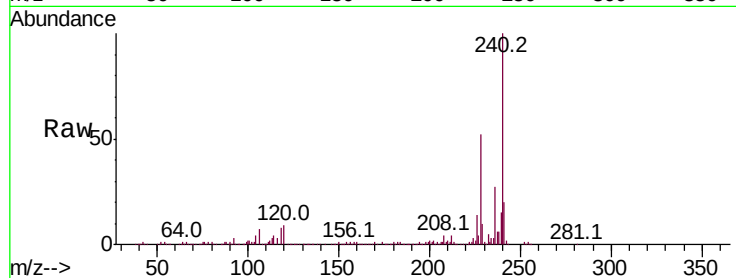
ClientSampleId :

PB112495BS

Tot Ion	Ratio	Lower	Upper
240	100		
120	9.1	9.5	14.3#
236	27.3	20.7	31.1

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#76

Benzidine

Concen: 28.188 ng

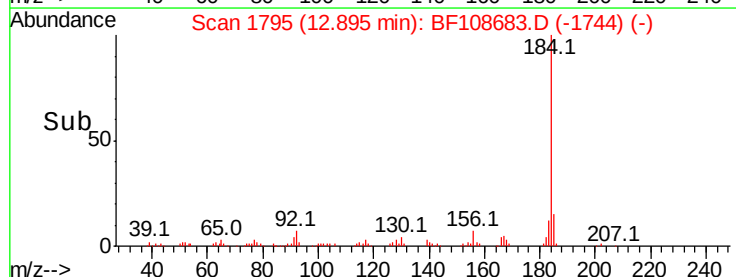
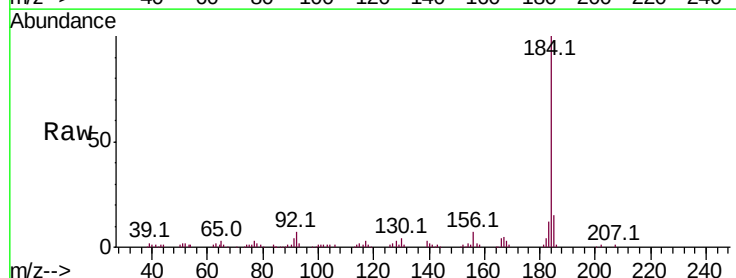
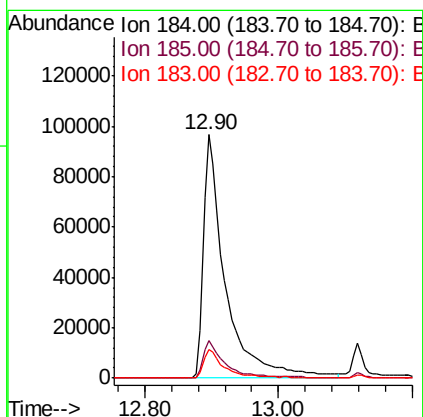
RT: 12.90 min Scan# 1795

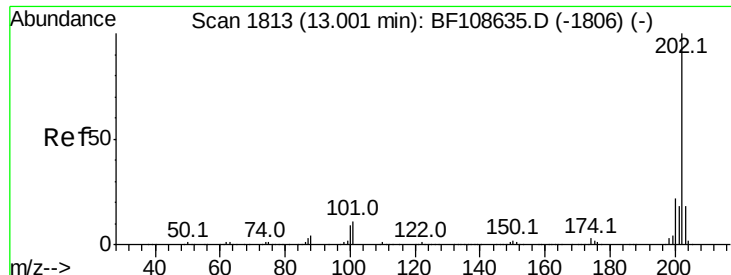
Delta R.T. 0.00 min

Lab File: BF108683.D

Acq: 31 Aug 2018 11:17

Tgt Ion	Ratio	Lower	Upper
184	100		
185	15.4	12.6	18.8
183	11.8	9.3	13.9





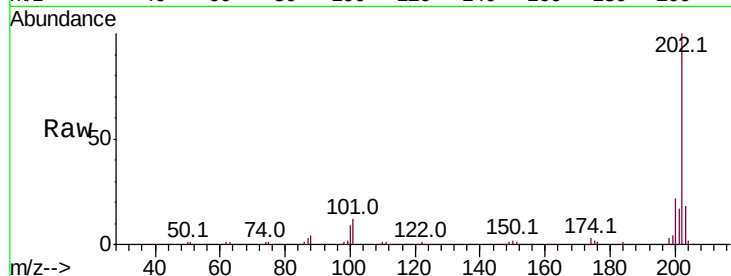
#77
Pvrene
Concen: 33.275 ng
RT: 12.99 min Scan# 1811
Delta R.T. -0.01 min
Lab File: BF108683.D
Acq: 31 Aug 2018 11:17

Instrument :
BNA_F
ClientSampleId :
PB112495BS

Tot Ion	Ratio	Resp Lower	Upper
202	100		
200	21.7	17.4	26.2
203	17.7	14.3	21.5

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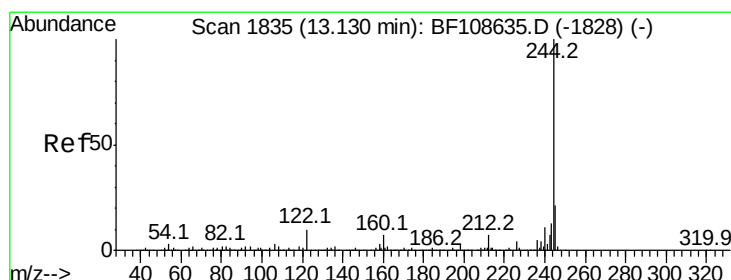
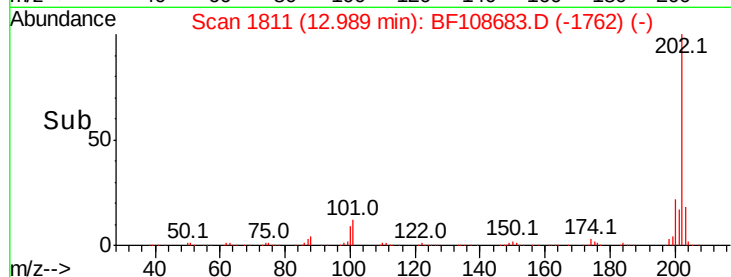
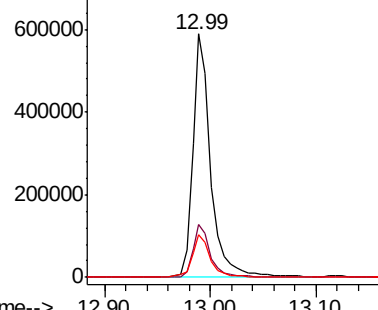


Abundance

Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#78
Terphenyl-d14
Concen: 68.700 ng
RT: 13.12 min Scan# 1833
Delta R.T. -0.01 min
Lab File: BF108683.D
Acq: 31 Aug 2018 11:17

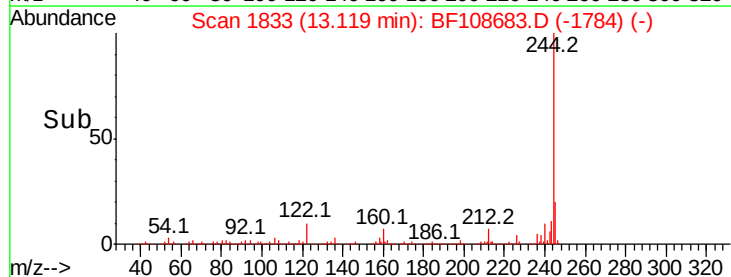
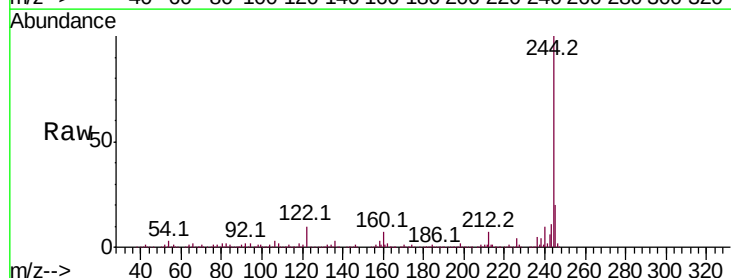
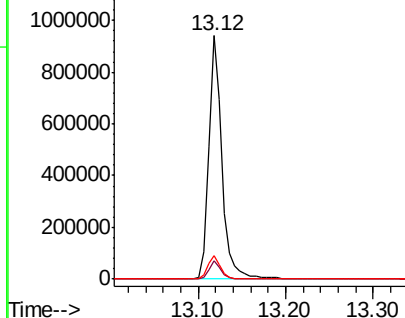
Tgt Ion	Ratio	Resp Lower	Upper
244	100		
212	7.3	5.4	8.0
122	9.6	11.0	16.4#

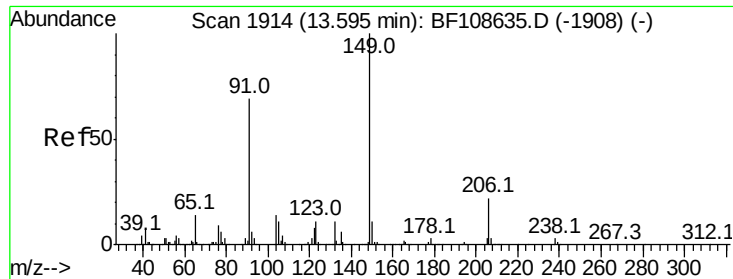
Abundance

Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





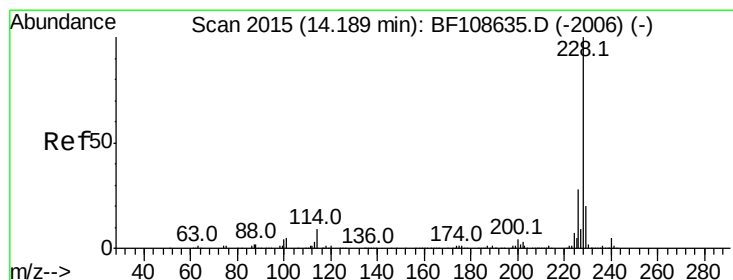
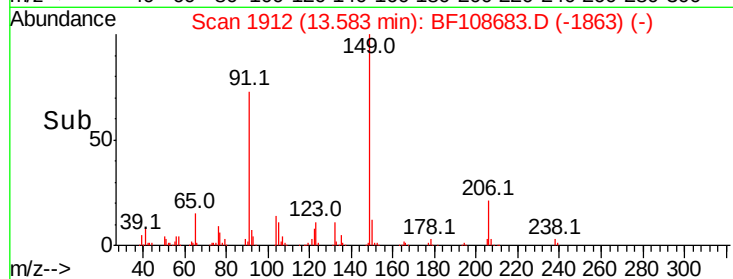
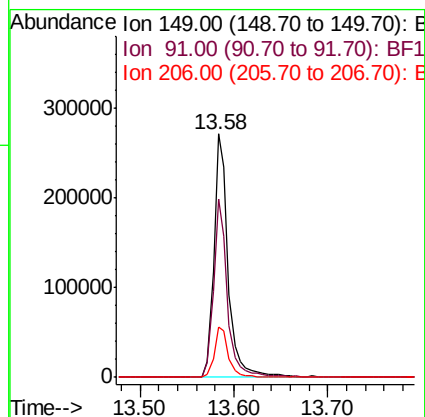
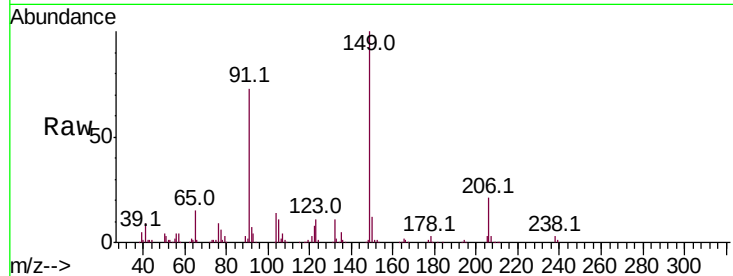
#79
Butylbenzylphthalate
Concen: 33.706 ng
RT: 13.58 min Scan# 1912
Delta R.T. -0.01 min
Lab File: BF108683.D
Acq: 31 Aug 2018 11:17

Instrument :
BNA_F
ClientSampleId :
PB112495BS

Tot Ion	Ratio	Resp	Lower	Upper
149	100	295527		
91	73.3	56.8	85.2	
206	20.6	14.1	21.1	

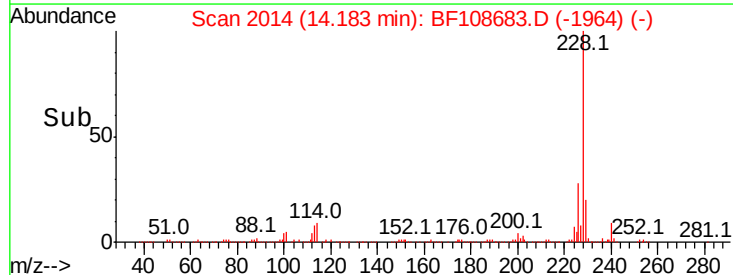
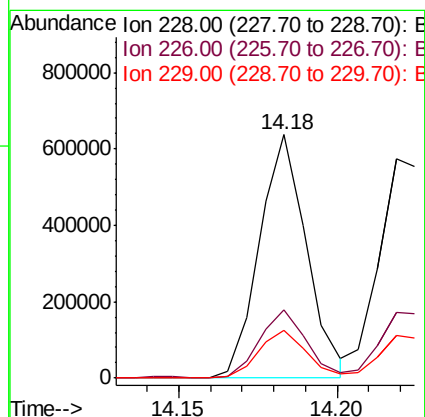
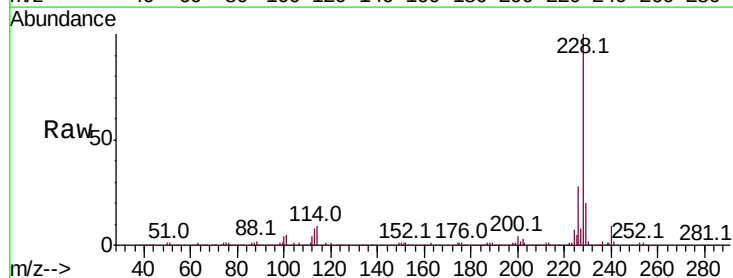
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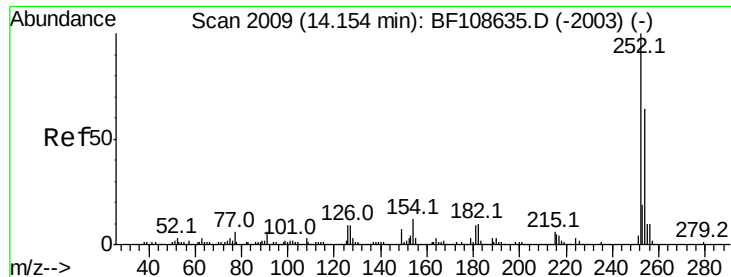
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#80
Benzo(a)anthracene
Concen: 38.998 ng
RT: 14.18 min Scan# 2014
Delta R.T. -0.01 min
Lab File: BF108683.D
Acq: 31 Aug 2018 11:17

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	659434		
226	28.0	22.6	33.8	
229	19.5	15.8	23.6	





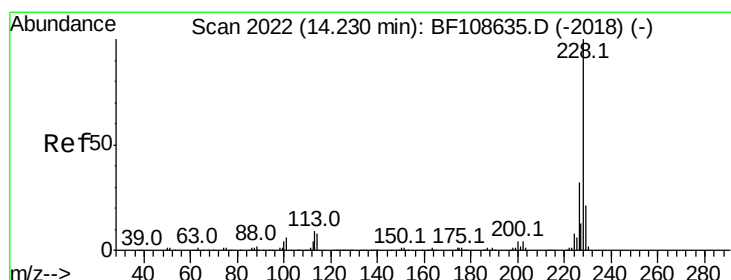
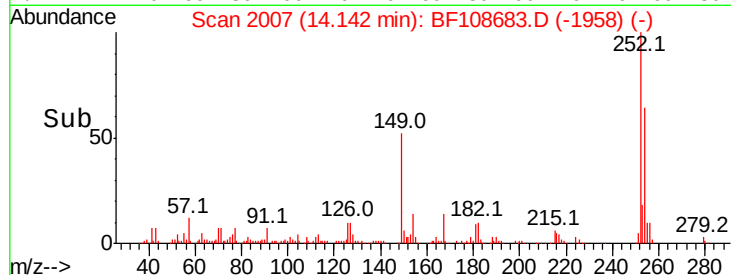
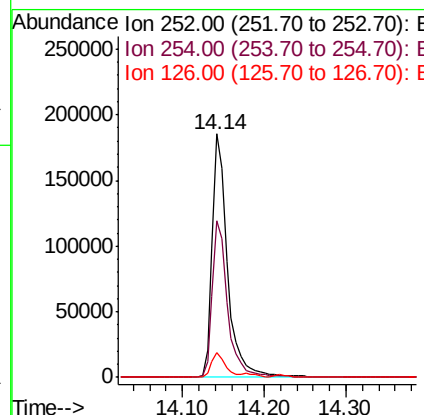
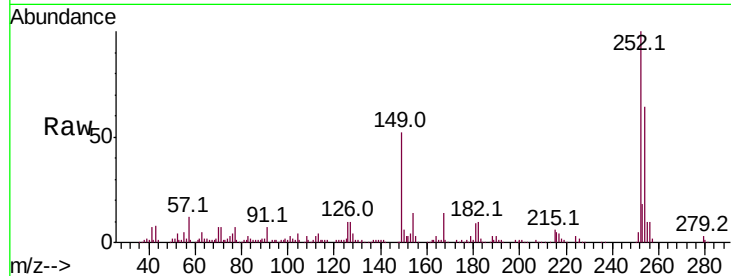
#81
 3,3'-Dichlorobenzidine
 Concen: 39.360 ng
 RT: 14.14 min Scan# 2007
 Delta R.T. -0.01 min
 Lab File: BF108683.D
 Acq: 31 Aug 2018 11:17

Instrument :
 BNA_F
 ClientSampleId :
 PB112495BS

Tot Ion	Ratio	Resp Lower	Upper
252	100		
254	64.4	50.4	75.6
126	10.2	11.3	16.9

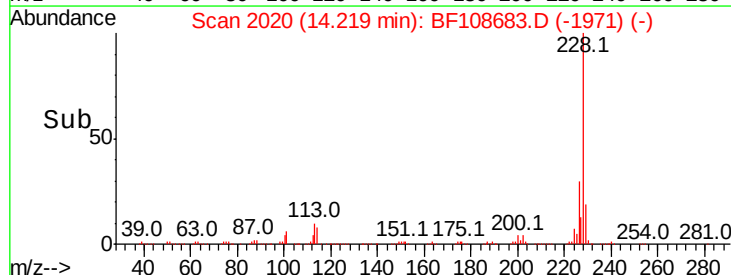
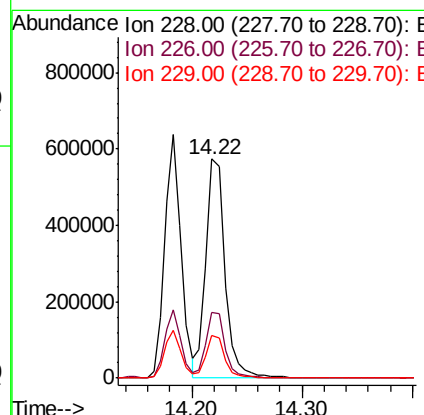
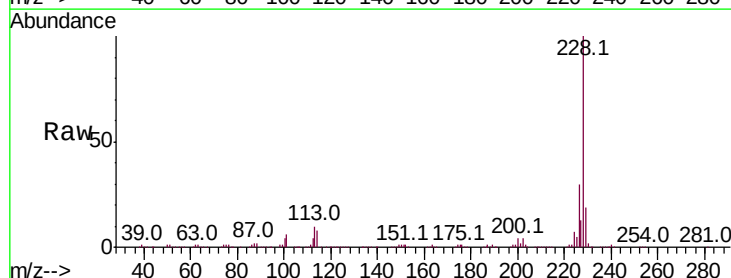
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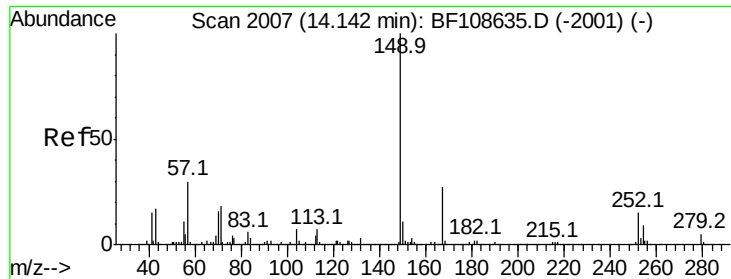
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#82
 Chrysene
 Concen: 41.494 ng
 RT: 14.22 min Scan# 2020
 Delta R.T. -0.01 min
 Lab File: BF108683.D
 Acq: 31 Aug 2018 11:17

Tgt Ion	Ratio	Resp Lower	Upper
228	100		
226	30.2	25.0	37.6
229	19.5	16.2	24.4





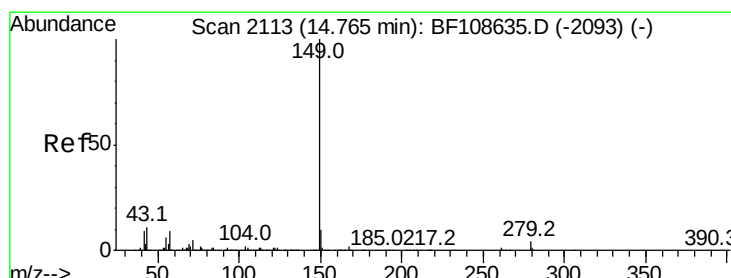
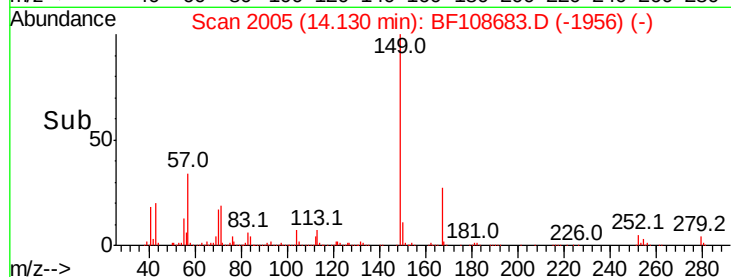
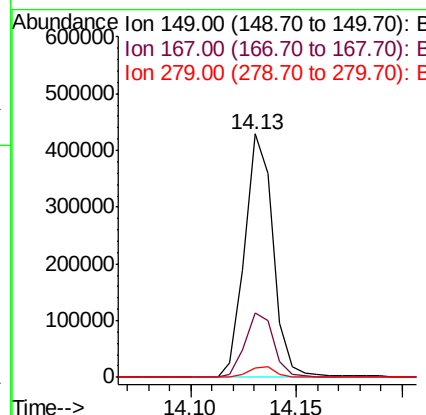
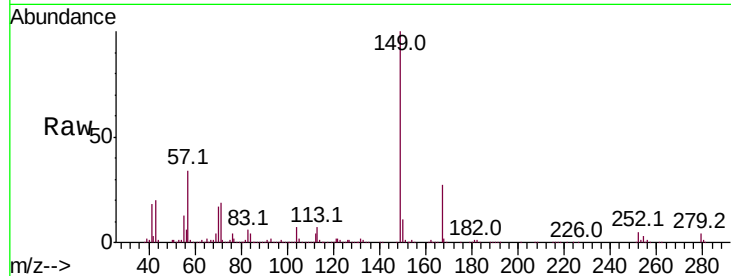
#83
Bis(2-ethylhexyl)phthalate
Concen: 35.585 ng
RT: 14.13 min Scan# 2005
Delta R.T. -0.01 min
Lab File: BF108683.D
Acq: 31 Aug 2018 11:17

Instrument :
BNA_F
ClientSampleId :
PB112495BS

Tot Ion	Ratio	Resp	Lower	Upper
149	100	401027		
167	26.6	21.3	31.9	
279	4.0	3.0	4.4	

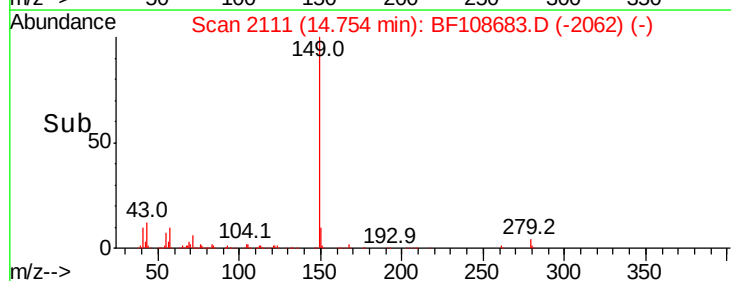
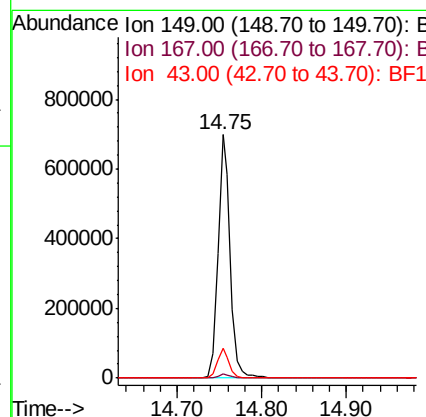
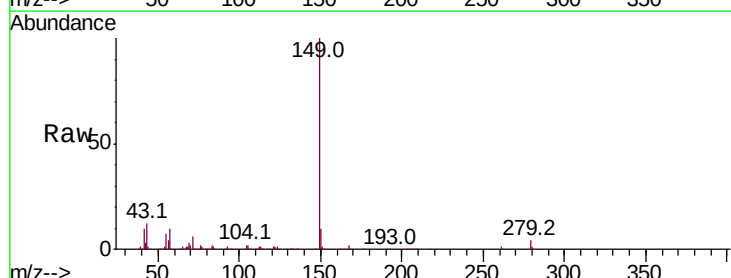
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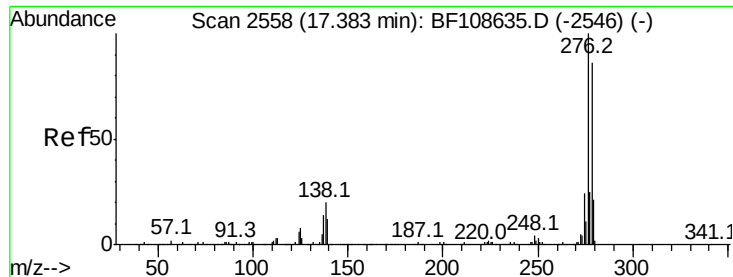
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#84
Di-n-octyl phthalate
Concen: 43.199 ng
RT: 14.75 min Scan# 2111
Delta R.T. -0.01 min
Lab File: BF108683.D
Acq: 31 Aug 2018 11:17

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	715791		
167	1.6	1.2	1.8	
43	11.8	8.4	12.6	





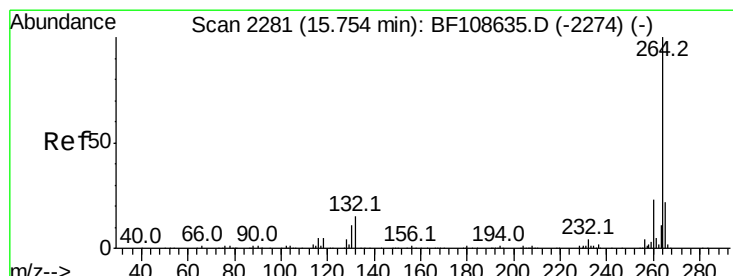
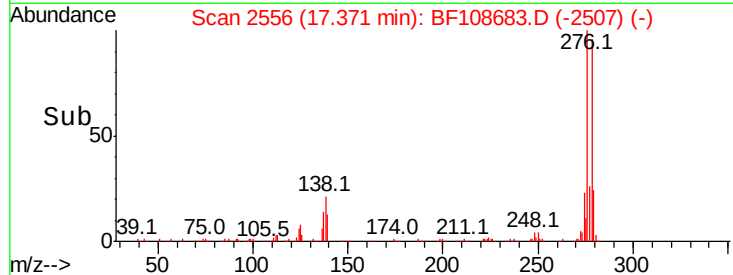
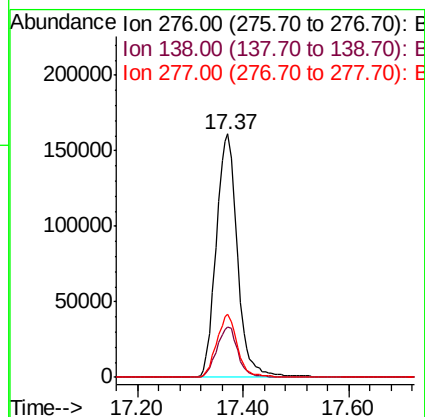
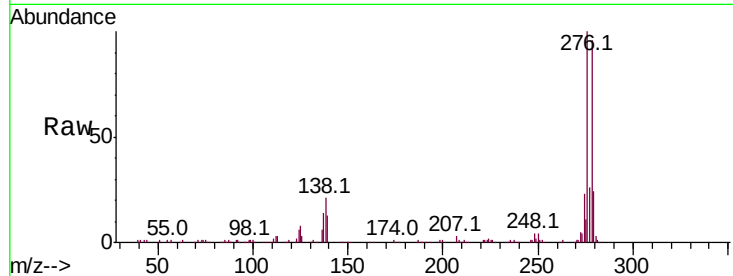
#85
Indeno(1,2,3-cd)pyrene
Concen: 39.866 ng
RT: 17.37 min Scan# 2556
Delta R.T. -0.01 min
Lab File: BF108683.D
Acq: 31 Aug 2018 11:17

Instrument :
BNA_F
ClientSampleId :
PB112495BS

Tot Ion	Ratio	Lower	Upper
276	100		
138	20.8	25.0	37.6#
277	25.2	20.1	30.1

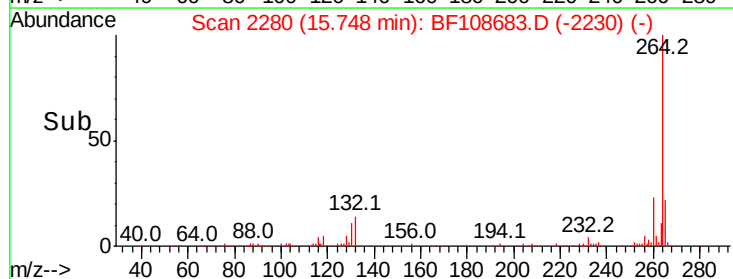
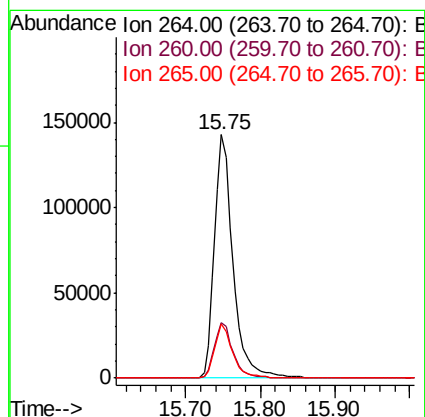
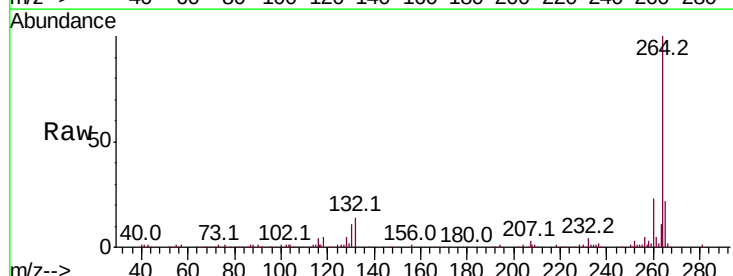
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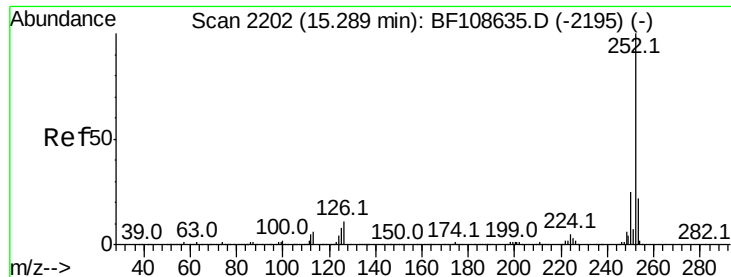
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#86
Perylene-d12
Concen: 20.000 ng
RT: 15.75 min Scan# 2280
Delta R.T. -0.01 min
Lab File: BF108683.D
Acq: 31 Aug 2018 11:17

Tgt Ion	Ratio	Lower	Upper
264	100		
260	22.7	19.2	28.8
265	22.0	17.5	26.3





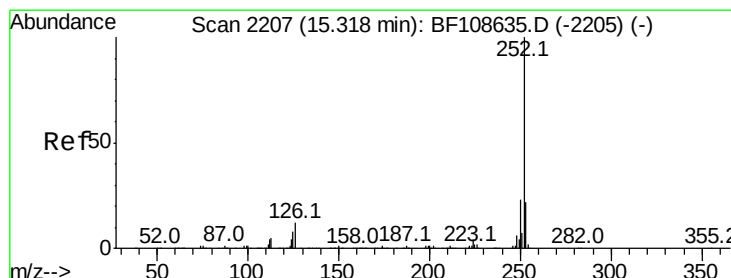
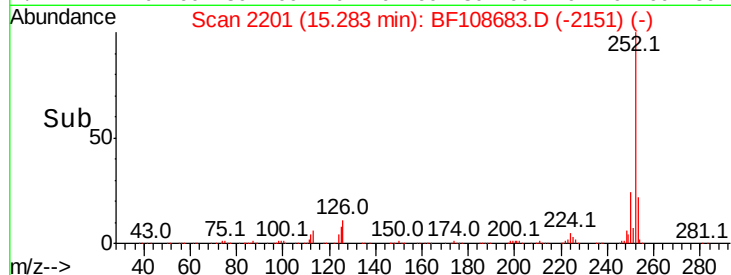
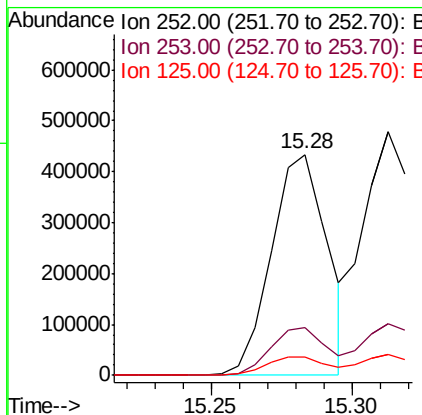
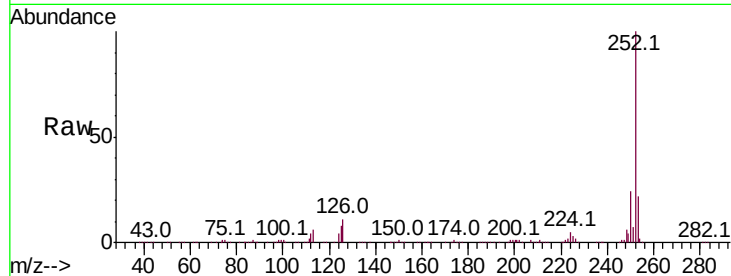
#87
Benzo(b)fluoranthene
Concen: 39.303 ng
RT: 15.28 min Scan# 2201
Delta R.T. -0.01 min
Lab File: BF108683.D
Acq: 31 Aug 2018 11:17

Instrument :
BNA_F
ClientSampleId :
PB112495BS

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.7	17.0	25.6
125	8.2	9.0	13.6#

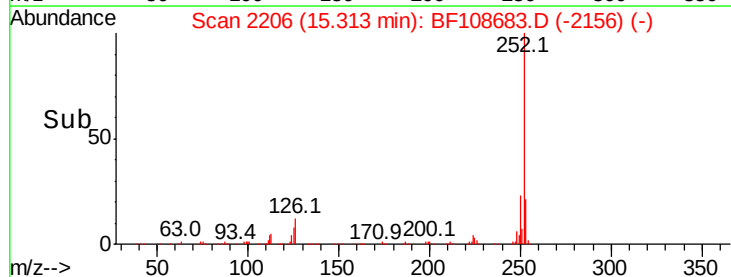
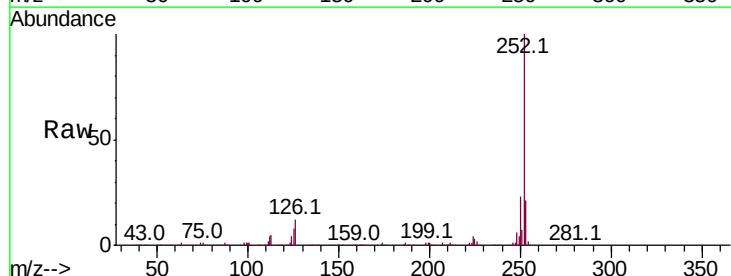
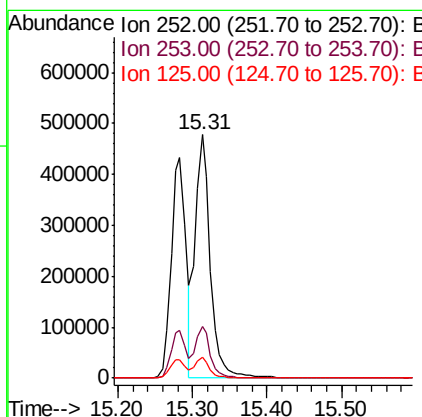
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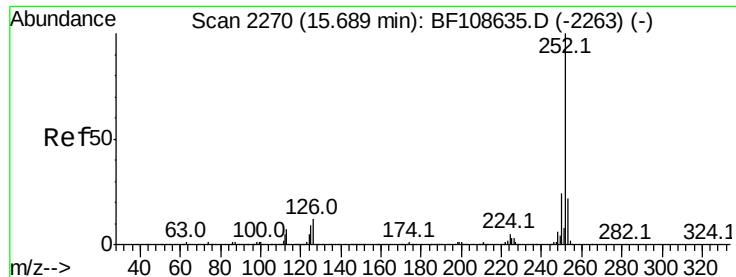
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#88
Benzo(k)fluoranthene
Concen: 45.147 ng
RT: 15.31 min Scan# 2206
Delta R.T. -0.01 min
Lab File: BF108683.D
Acq: 31 Aug 2018 11:17

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.4	17.9	26.9
125	8.4	10.2	15.2#





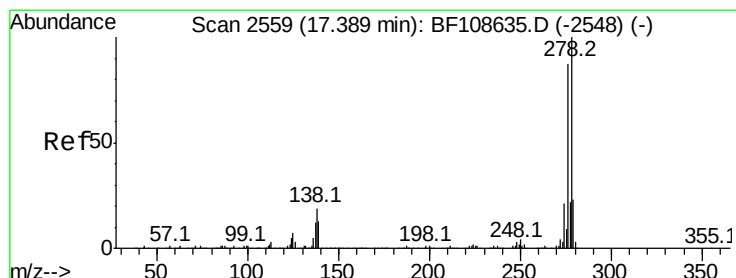
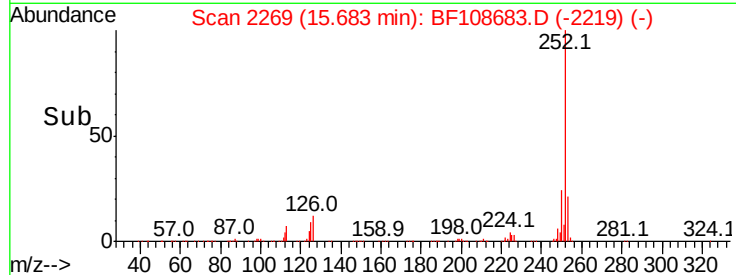
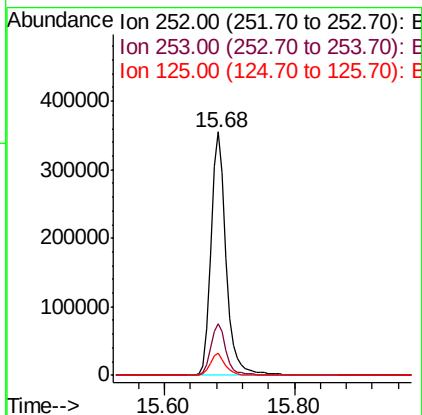
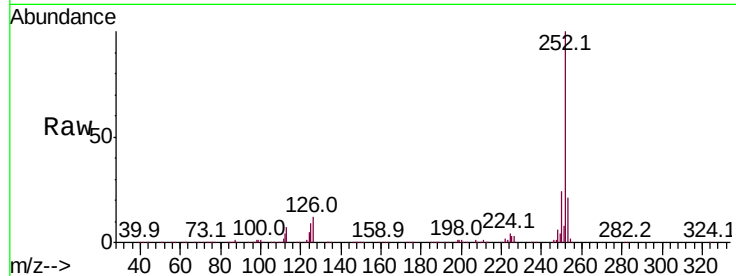
#89
Benzo(a)pyrene
Concen: 41.569 ng
RT: 15.68 min Scan# 2269
Delta R.T. -0.01 min
Lab File: BF108683.D
Acq: 31 Aug 2018 11:17

Instrument :
BNA_F
ClientSampleId :
PB112495BS

Tot Ion	Ratio	Resp Lower	Upper
252	100		
253	21.5	17.1	25.7
125	9.3	9.8	14.6

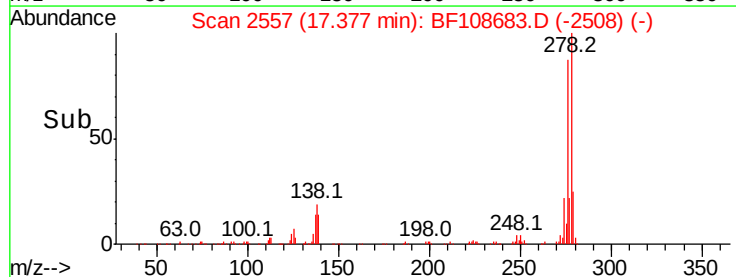
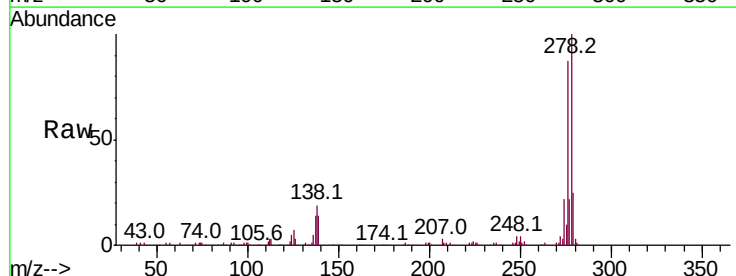
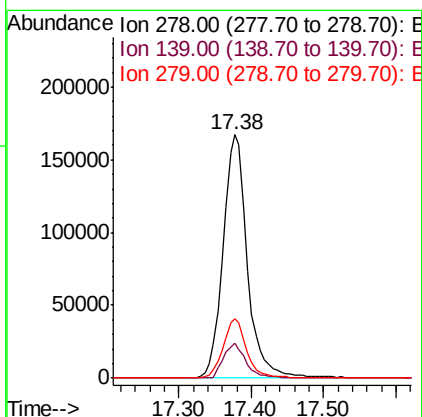
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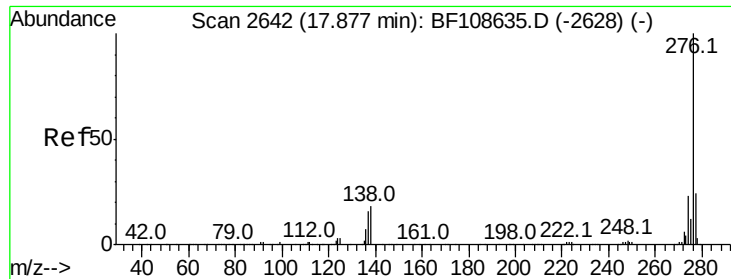
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#90
Dibenzo(a,h)anthracene
Concen: 35.544 ng
RT: 17.38 min Scan# 2557
Delta R.T. -0.01 min
Lab File: BF108683.D
Acq: 31 Aug 2018 11:17

Tgt Ion	Ratio	Resp Lower	Upper
278	100		
139	14.3	15.9	23.9
279	24.6	19.0	28.4





#91
 Benzo(a,h,i)perylene
 Concen: 33.060 ng
 RT: 17.86 min Scan# 2639
 Delta R.T. -0.02 min
 Lab File: BF108683.D
 Acq: 31 Aug 2018 11:17

Instrument :
 BNA_F
 ClientSampleId :
 PB112495BS

Tot Ion	Ratio	Lower	Upper
276	100		
277	23.4	17.9	26.9
138	17.5	21.8	32.8

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