

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082418\
 Data File : BF108464.D
 Acq On : 24 Aug 2018 15:35
 Operator : JU/SJ
 Sample : PB112335BS
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB112335BS

Manual Integrations
 APPROVED

Sohil
 8/27/2018 12:56:33 PM

Quant Time: Aug 24 16:26:29 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF080818.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Aug 22 11:01:45 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.00	152	120567	20.00	ng	0.00
21) Naphthalene-d8	8.28	136	481223	20.00	ng	0.00
38) Acenaphthene-d10	10.05	164	244598	20.00	ng	0.00
63) Phenanthrene-d10	11.54	188	488898	20.00	ng	0.00
75) Chrysene-d12	14.19	240	304583	20.00	ng	0.00
86) Perylene-d12	15.75	264	239919	20.00	ng	-0.01

System Monitoring Compounds

5) 2-Fluorophenol	5.64	112	716521	107.59	ng	0.01
7) Phenol-d6	6.62	99	944420	106.72	ng	0.00
23) Nitrobenzene-d5	7.57	82	614073	71.21	ng	0.00
41) 2,4,6-Tribromophenol	10.84	330	282059	115.61	ng	0.00
44) 2-Fluorobiphenyl	9.36	172	1220085	80.08	ng	0.00
78) Terphenyl-d14	13.13	244	1287507	107.48	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.00	88	125490	36.673	ng	90
3) Pyridine	3.75	79	347335	39.404	ng	86
4) n-Nitrosodimethylamine	3.71	42	183126	36.921	ng	# 82
6) Aniline	6.67	93	387422	32.185	ng	98
8) 2-Chlorophenol	6.79	128	322259	42.966	ng	98
9) Benzaldehyde	6.55	77	205404	29.937	ng	95
10) Phenol	6.64	94	409999	44.790	ng	93
11) bis(2-Chloroethyl)ether	6.73	93	307392	41.537	ng	91
12) 1,3-Dichlorobenzene	6.94	146	364956	42.082	ng	99
13) 1,4-Dichlorobenzene	7.02	146	370023	42.466	ng	98
14) 1,2-Dichlorobenzene	7.17	146	346667	42.773	ng	98
15) Benzyl Alcohol	7.14	79	289569	38.869	ng	95
16) 2,2'-oxybis(1-Chloropropan	7.27	45	587827	38.557	ng	99
17) 2-Methylphenol	7.25	107	282273	43.886	ng	95
18) Hexachloroethane	7.51	117	133173	42.930	ng	89
19) n-Nitroso-di-n-propylamine	7.41	70	240061	40.115	ng	91
20) 3+4-Methylphenols	7.40	107	344538	41.800	ng	# 87
22) Acetophenone	7.41	105	462888	41.137	ng	# 91
24) Nitrobenzene	7.58	77	361552	41.460	ng	94
25) Isophorone	7.82	82	654713	39.831	ng	97
26) 2-Nitrophenol	7.90	139	162397	49.311	ng	94
27) 2,4-Dimethylphenol	7.92	122	301868	41.378	ng	95
28) bis(2-Chloroethoxy)methane	8.02	93	397409	41.415	ng	99
29) 2,4-Dichlorophenol	8.14	162	289944	43.187	ng	97
30) 1,2,4-Trichlorobenzene	8.22	180	311855	42.131	ng	98
31) Naphthalene	8.31	128	939508	42.929	ng	100
32) Benzoic acid	8.04	122	119463	30.681	ng	91
33) 4-Chloroaniline	8.35	127	207726	21.780	ng	99
34) Hexachlorobutadiene	8.41	225	203874	43.508	ng	98
35) Caprolactam	8.72	113	81867m	38.912	ng	
36) 4-Chloro-3-methylphenol	8.83	107	303813	41.948	ng	98
37) 2-Methylnaphthalene	9.00	142	651171	42.055	ng	98
39) 1,2,4,5-Tetrachlorobenzene	9.17	216	326536	43.472	ng	98
40) Hexachlorocyclopentadiene	9.15	237	312396	64.389	ng	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.28	196	213051	45.708	nq	99
43) 2,4,5-Trichlorophenol	9.32	196	228790	44.589	nq	95
45) 1,1'-Biphenyl	9.47	154	805205	44.649	nq	98
46) 2-Chloronaphthalene	9.50	162	614706	43.126	nq	97
47) 2-Nitroaniline	9.59	65	201116	43.608	nq	92
48) Acenaphthylene	9.91	152	985053	43.714	nq	99
49) Dimethylphthalate	9.76	163	730879	42.896	nq	99
50) 2,6-Dinitrotoluene	9.83	165	159236	44.670	nq	97
51) Acenaphthene	10.08	154	571517	41.409	nq	99
52) 3-Nitroaniline	10.00	138	114147	29.266	nq	98
53) 2,4-Dinitrophenol	10.11	184	95946	72.629	nq #	22
54) Dibenzofuran	10.25	168	856030	42.810	nq	96
55) 4-Nitrophenol	10.16	139	219372	74.276	nq #	82
56) 2,4-Dinitrotoluene	10.24	165	214689	46.788	nq #	99
57) Fluorene	10.60	166	691163	43.664	nq	99
58) 2,3,4,6-Tetrachlorophenol	10.37	232	197451	46.040	nq #	84
59) Diethylphthalate	10.46	149	706427	42.817	nq	95
60) 4-Chlorophenyl-phenylether	10.58	204	357798	43.380	nq	95
61) 4-Nitroaniline	10.62	138	162337	42.099	nq	88
62) Azobenzene	10.75	77	722093	42.379	nq	93
64) 4,6-Dinitro-2-methylphenol	10.65	198	73427	40.896	nq	82
65) n-Nitrosodiphenylamine	10.71	169	624856	43.250	nq	96
66) 4-Bromophenyl-phenylether	11.08	248	230124	43.313	nq	90
67) Hexachlorobenzene	11.15	284	240010	42.934	nq #	89
68) Atrazine	11.23	200	212227	43.797	nq	96
69) Pentachlorophenol	11.35	266	211444	79.024	nq	98
70) Phenanthrene	11.57	178	1004629	43.567	nq	99
71) Anthracene	11.62	178	1025370	43.385	nq	100
72) Carbazole	11.78	167	873051	41.577	nq	99
73) Di-n-butylphthalate	12.09	149	1097648	46.149	nq	99
74) Fluoranthene	12.77	202	1064345	42.292	nq	94
76) Benzdine	12.88	184	487232	42.815	nq	99
77) Pyrene	12.99	202	1032936	53.566	nq	100
79) Butylbenzylphthalate	13.59	149	409997	53.545	nq	98
80) Benzo(a)anthracene	14.19	228	769085	43.998	nq	100
81) 3,3'-Dichlorobenzidine	14.14	252	135695	21.661	nq #	96
82) Chrysene	14.22	228	699555	43.653	nq	99
83) Bis(2-ethylhexyl)phthalate	14.15	149	522516	50.392	nq #	97
84) Di-n-octyl phthalate	14.77	149	733919	46.410	nq	97
85) Indeno(1,2,3-cd)pyrene	17.37	276	674468	48.574	nq #	90
87) Benzo(b)fluoranthene	15.28	252	614721m	42.879	nq	
88) Benzo(k)fluoranthene	15.31	252	522674	39.661	nq #	97
89) Benzo(a)pyrene	15.68	252	567081	44.173	nq #	96
90) Dibenzo(a,h)anthracene	17.38	278	566369	53.321	nq #	94
91) Benzo(g,h,i)perylene	17.87	276	571542	54.645	nq #	89

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

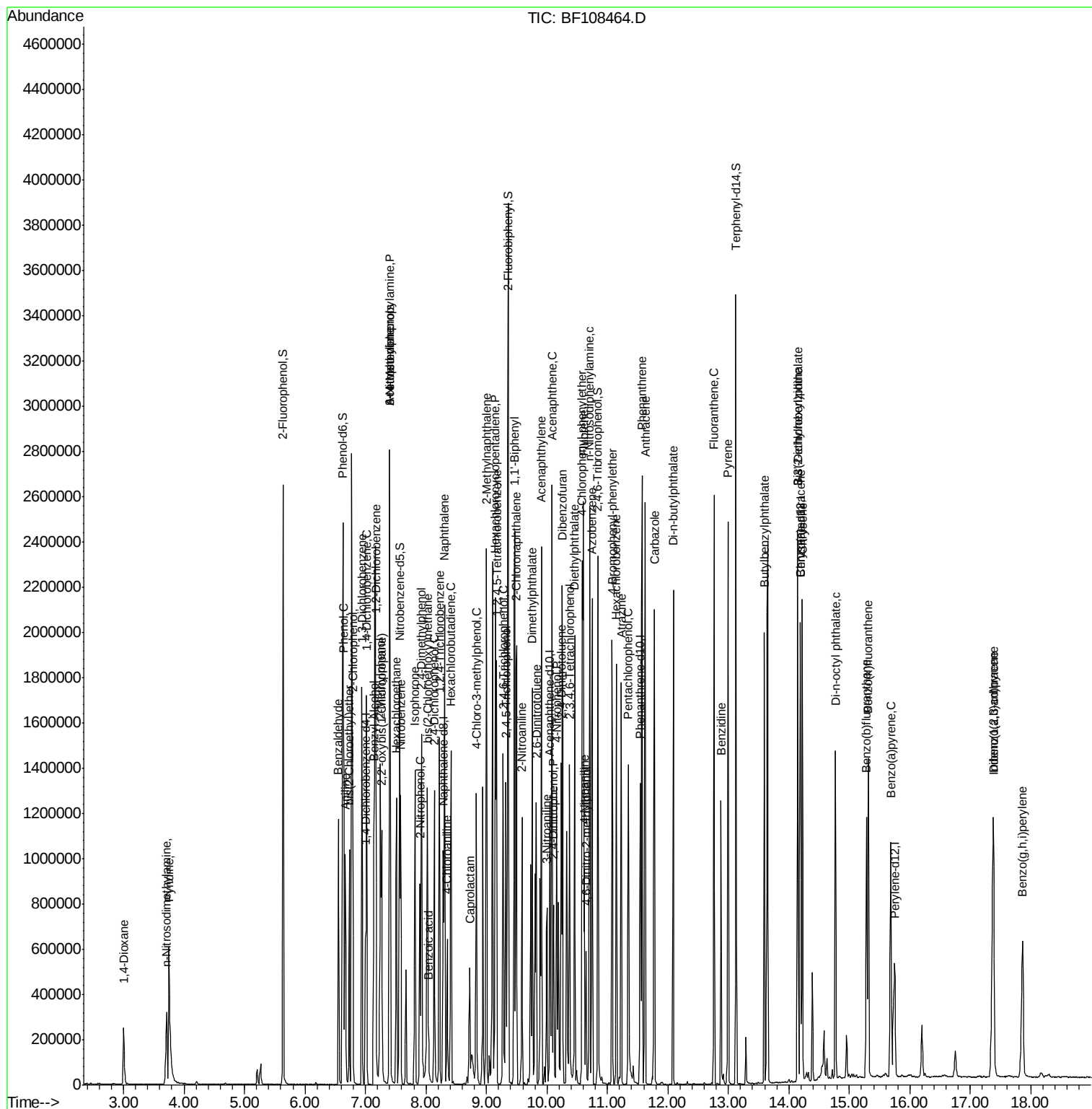
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#1

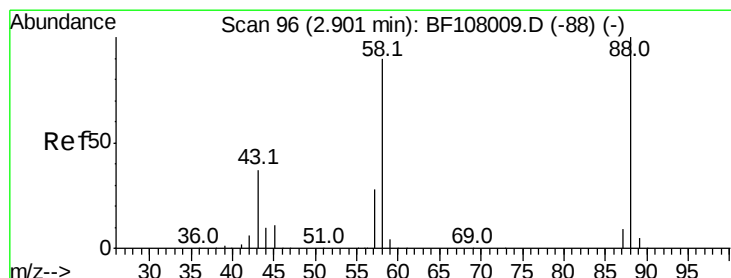
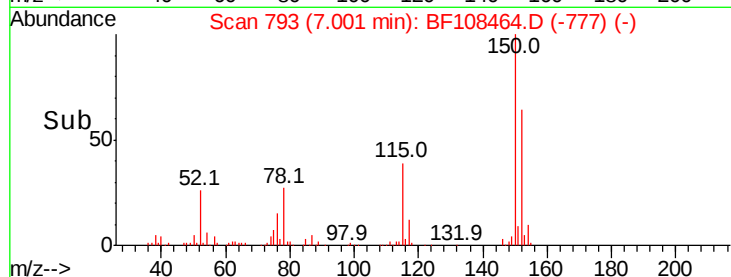
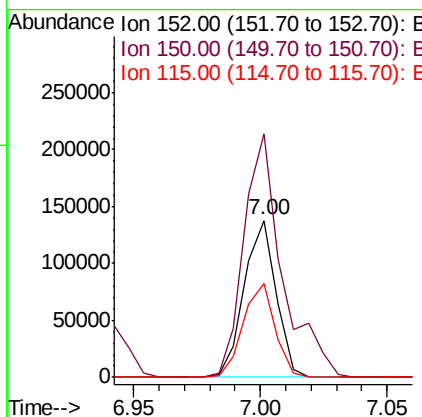
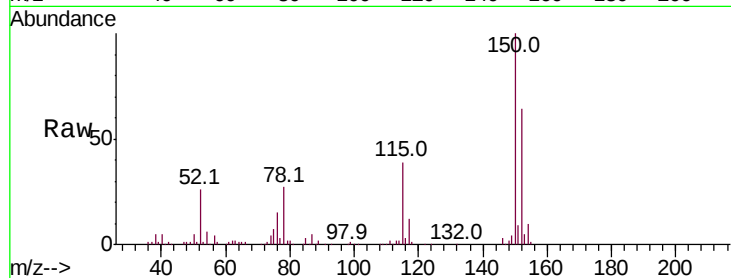
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.00 min Scan# 793
Delta R.T. -0.01 min
Lab File: BF108464.D
Acq: 24 Aug 2018 15:35

Instrument :
BNA_F
ClientSampled :
PB112335BS

Tot Ion	Ratio	Lower	Upper
152	100		
150	155.1	124.6	186.8
115	60.2	50.1	75.1

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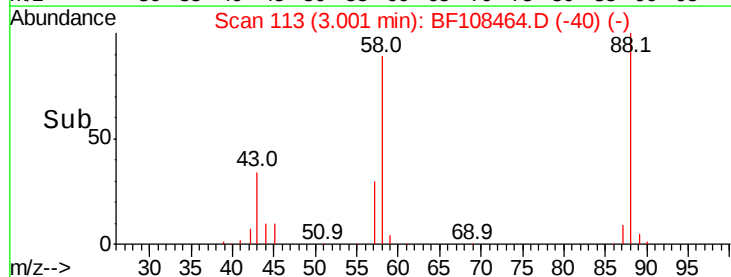
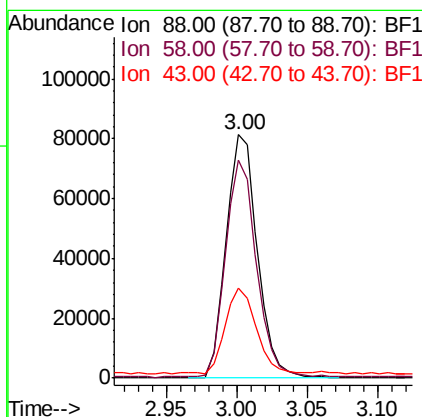
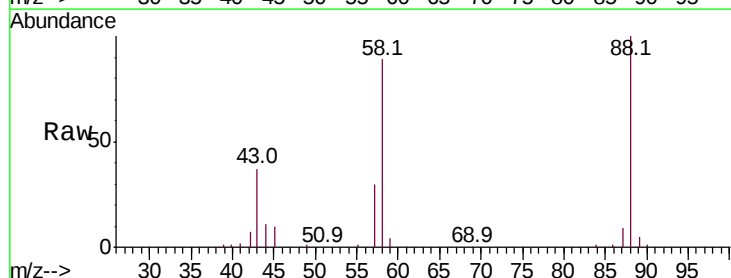
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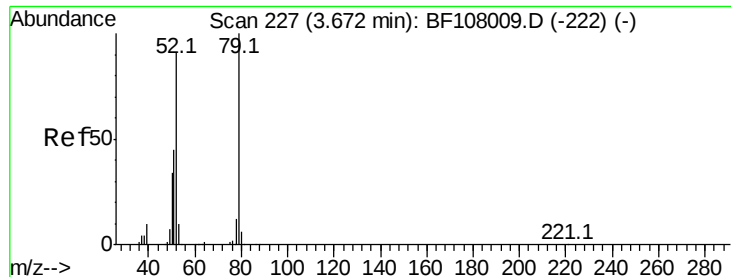


#2

1,4-Dioxane
Concen: 36.673 ng
RT: 3.00 min Scan# 113
Delta R.T. 0.13 min
Lab File: BF108464.D
Acq: 24 Aug 2018 15:35

Tgt Ion	Ratio	Lower	Upper
88	100		
58	88.1	62.6	93.8
43	35.1	24.6	37.0





#3

Pvridine

Concen: 39.404 ng

RT: 3.75 min Scan# 240

Delta R.T. 0.09 min

Lab File: BF108464.D

Acq: 24 Aug 2018 15:35

Instrument :

BNA_F

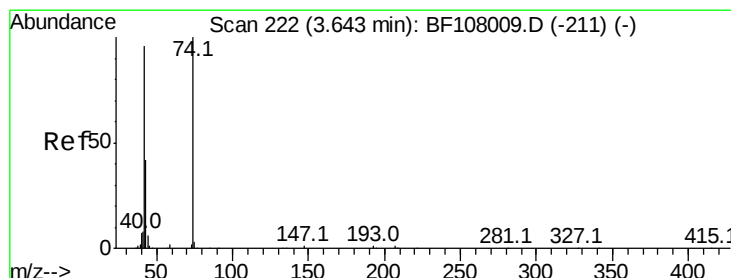
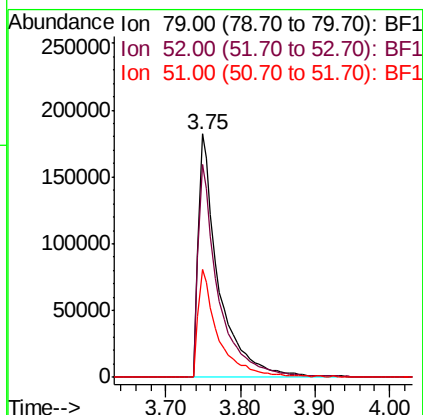
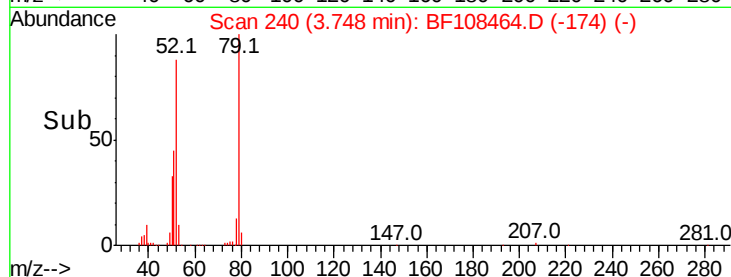
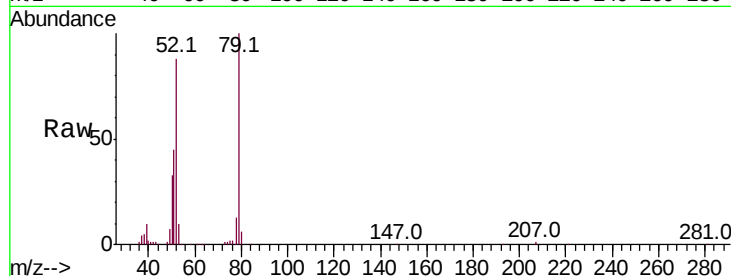
ClientSampleId :

PB112335BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
79	100				
52	87.6	59.8	89.6		
51	44.5	29.8	44.8		

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#4

n-Nitrosodimethylamine

Concen: 36.921 ng

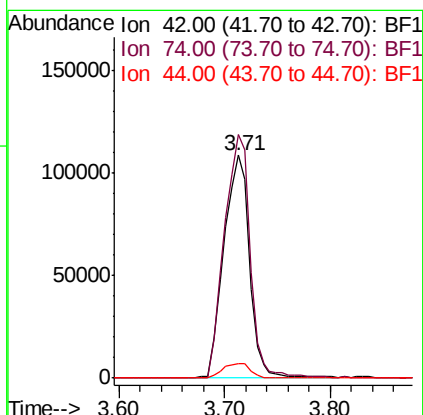
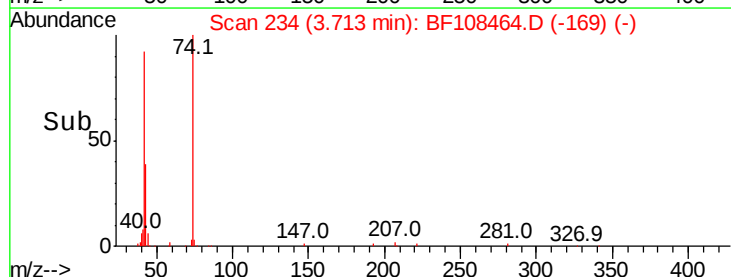
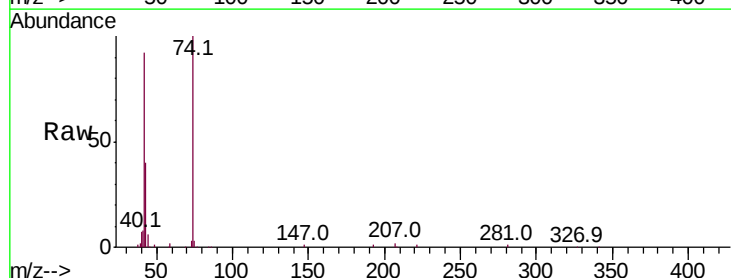
RT: 3.71 min Scan# 234

Delta R.T. 0.08 min

Lab File: BF108464.D

Acq: 24 Aug 2018 15:35

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
42	100				
74	109.3	104.9	157.3		
44	6.4	6.9	10.3#		





#5

2-Fluorophenol

Concen: 107.594 ng

RT: 5.64 min Scan# 562

Delta R.T. 0.01 min

Lab File: BF108464.D

Acq: 24 Aug 2018 15:35

Instrument :

BNA_F

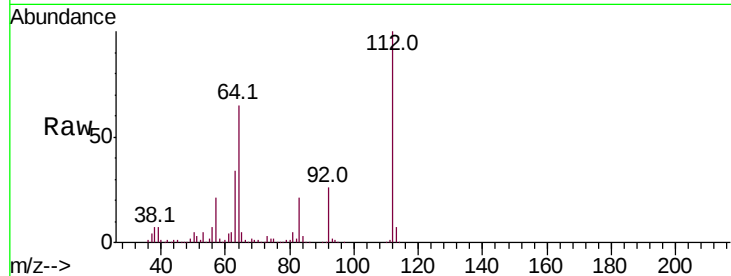
ClientSampleId :

PB112335BS

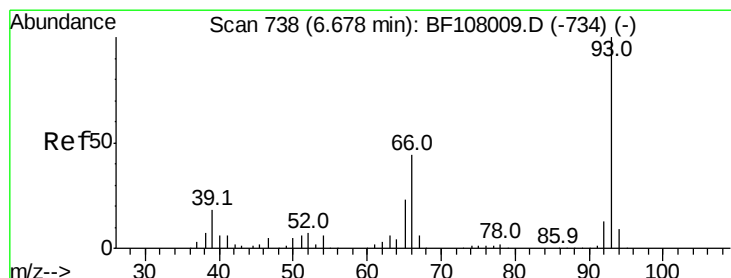
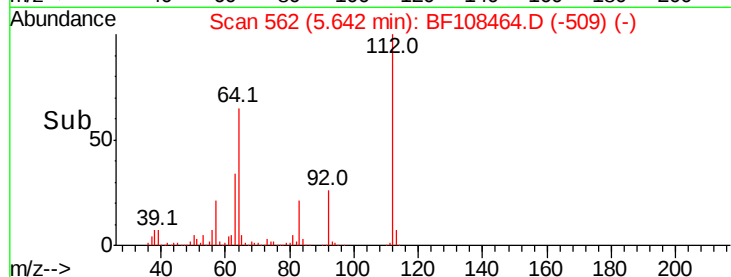
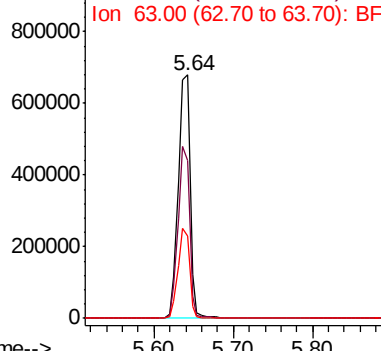
Tot Ion:	112	Resp:	716521
Ion Ratio	Lower	Upper	
112	100		
64	64.6	47.9	71.9
63	34.0	23.7	35.5

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Abundance Ion 112.00 (111.70 to 112.70): BF1



#6

Aniline

Concen: 32.185 ng

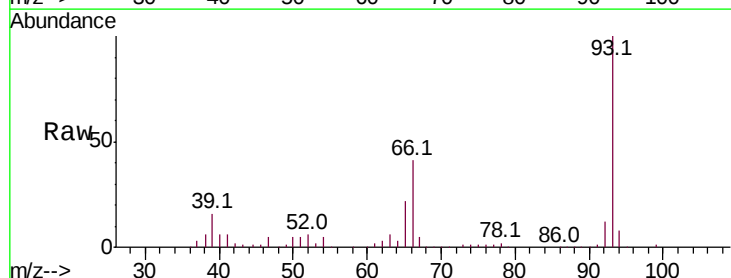
RT: 6.67 min Scan# 736

Delta R.T. -0.01 min

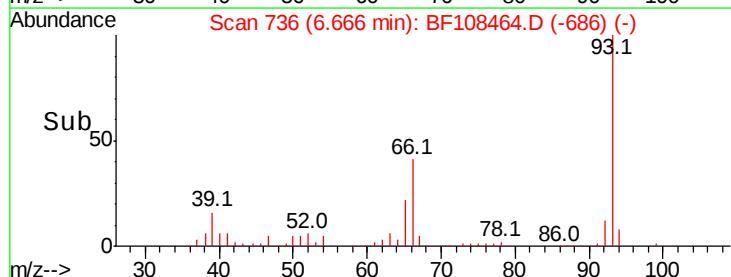
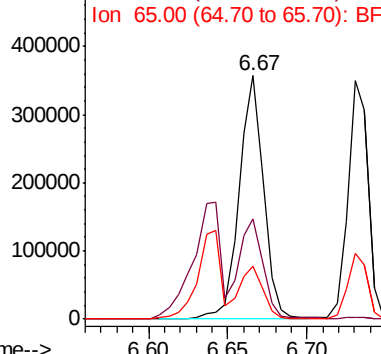
Lab File: BF108464.D

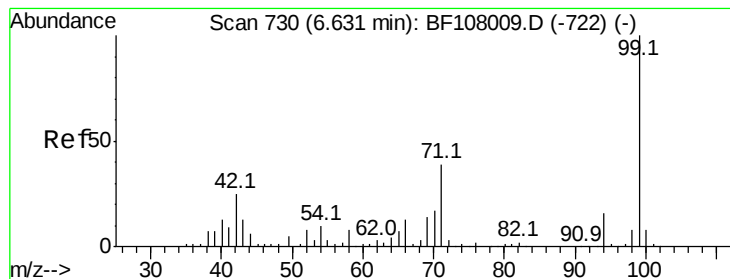
Acq: 24 Aug 2018 15:35

Tgt Ion:	93	Resp:	387422
Ion Ratio	Lower	Upper	
93	100		
66	41.2	32.2	48.2
65	21.7	16.4	24.6



Abundance Ion 93.00 (92.70 to 93.70): BF1





#7

Phenol-d6

Concen: 106.719 ng

RT: 6.62 min Scan# 729

Delta R.T. -0.01 min

Lab File: BF108464.D

Acq: 24 Aug 2018 15:35

Instrument :

BNA_F

ClientSampled :

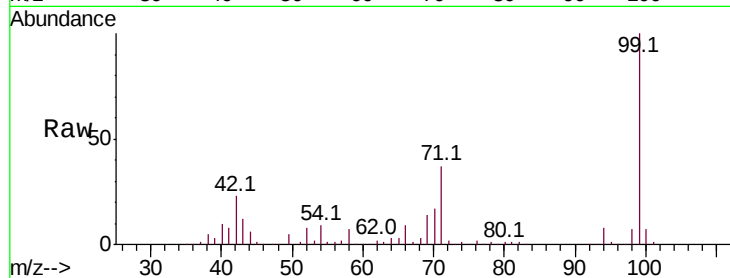
PB112335BS

Tot Ion: 99 Resp: 944420

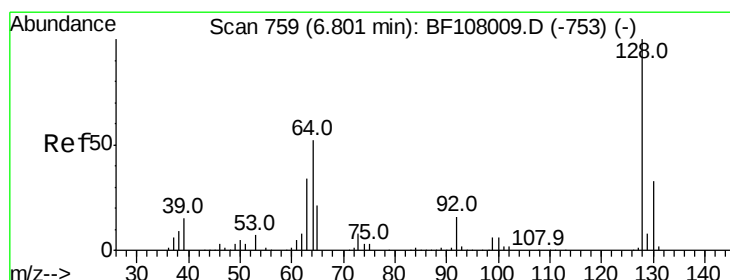
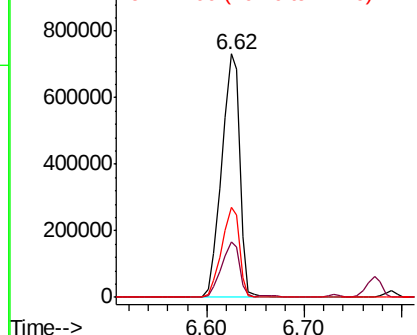
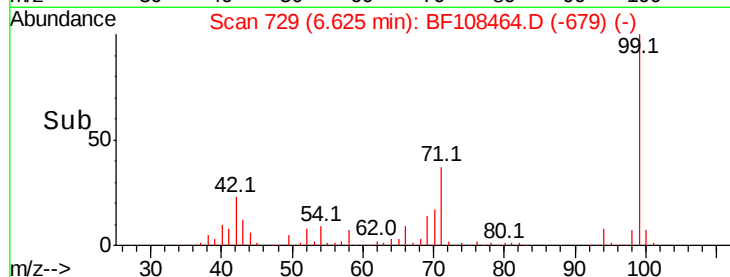
Ion	Ratio	Lower	Upper
99	100		
42	22.7	14.5	21.7#
71	36.9	25.4	38.0

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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: 42.966 ng

RT: 6.79 min Scan# 757

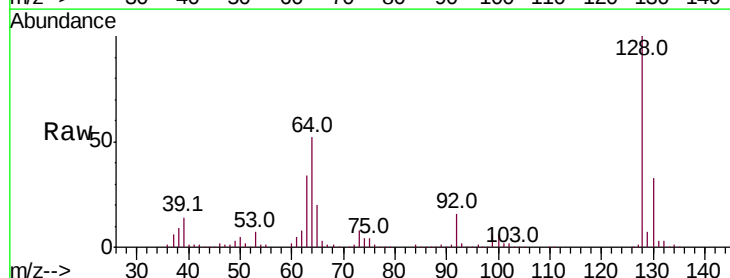
Delta R.T. -0.01 min

Lab File: BF108464.D

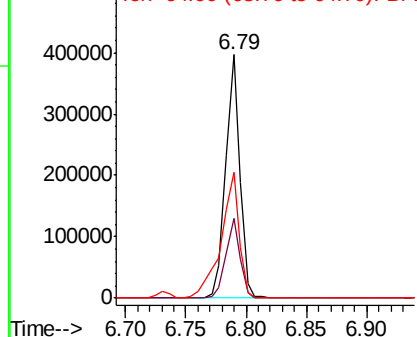
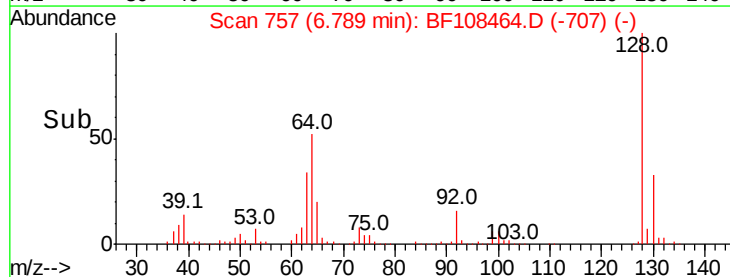
Acq: 24 Aug 2018 15:35

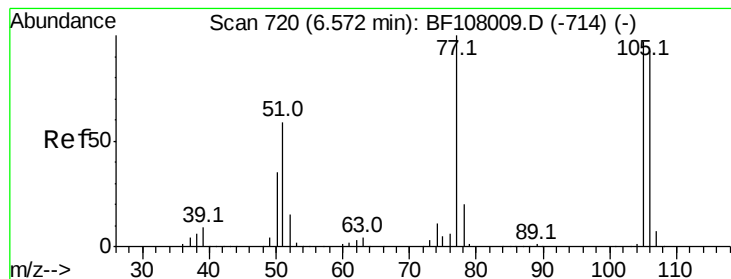
Tgt Ion:128 Resp: 322259

Ion	Ratio	Lower	Upper
128	100		
130	33.0	13.0	53.0
64	51.7	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: 29.937 ng

RT: 6.55 min Scan# 717

Delta R.T. -0.01 min

Lab File: BF108464.D

Acq: 24 Aug 2018 15:35

Instrument :

BNA_F

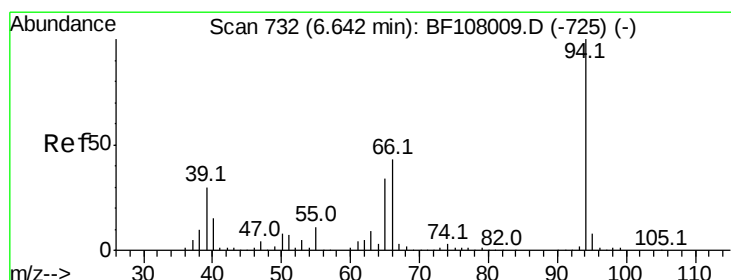
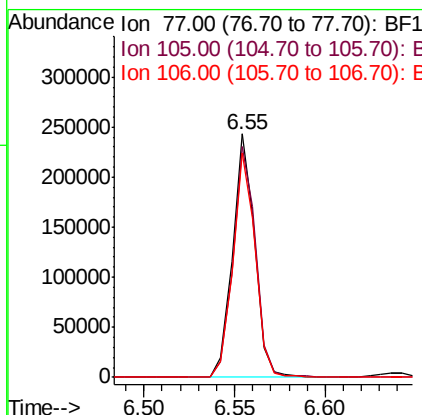
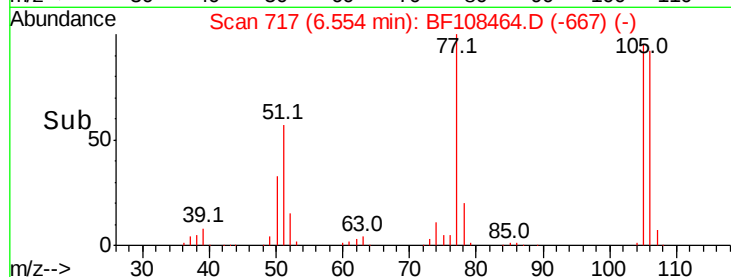
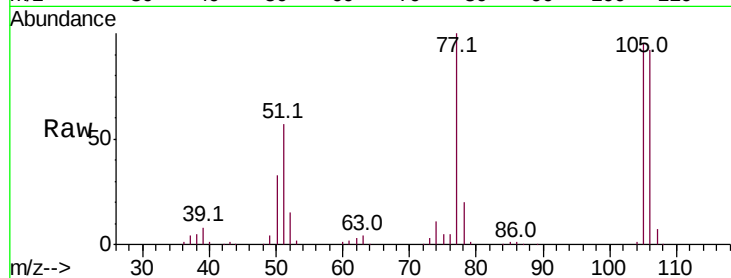
ClientSampleId :

PB112335BS

Tot Ion:	77	Resp:	205404
Ion Ratio	Lower	Upper	
77	100		
105	94.6	81.1	121.1
106	92.1	74.5	114.5

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#10

Phenol

Concen: 44.790 ng

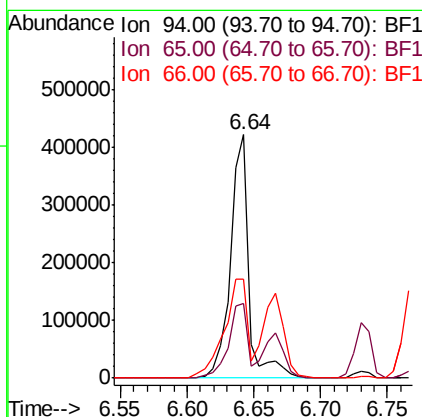
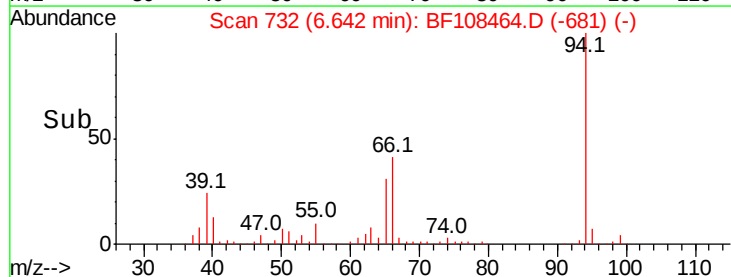
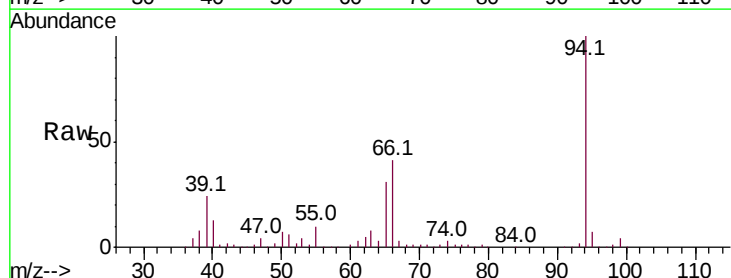
RT: 6.64 min Scan# 732

Delta R.T. -0.00 min

Lab File: BF108464.D

Acq: 24 Aug 2018 15:35

Tgt Ion:	94	Resp:	409999
Ion Ratio	Lower	Upper	
94	100		
65	30.7	7.9	47.9
66	40.8	16.2	56.2





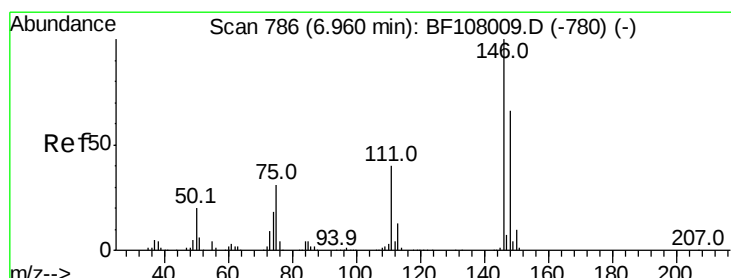
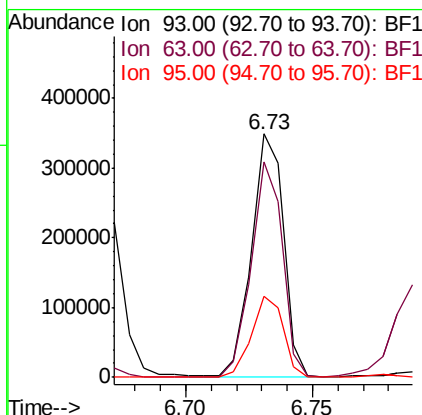
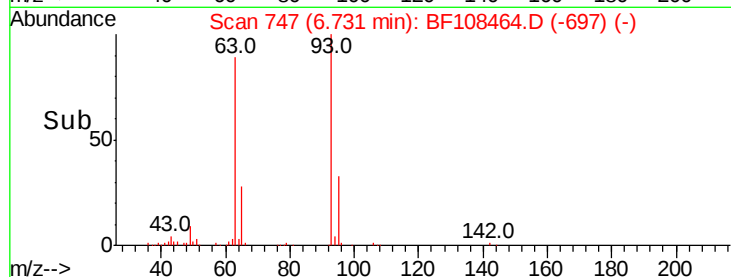
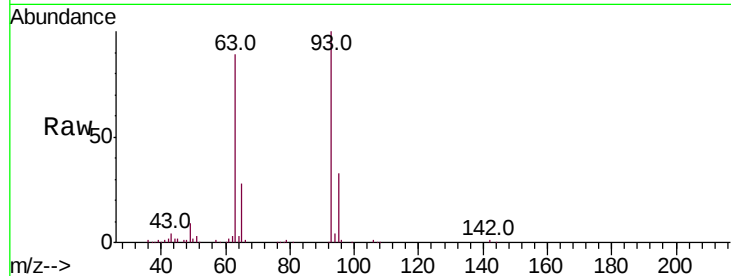
#11
bis(2-Chloroethyl)ether
Concen: 41.537 ng
RT: 6.73 min Scan# 747
Delta R.T. -0.01 min
Lab File: BF108464.D
Acq: 24 Aug 2018 15:35

Instrument :
BNA_F
ClientSampleId :
PB112335BS

Tot Ion	Ratio	Lower	Upper
93	100		
63	88.5	58.6	98.6
95	33.2	11.8	51.8

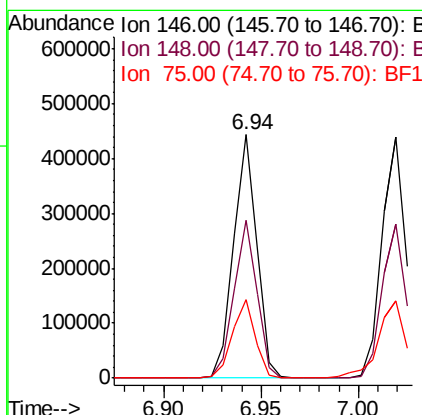
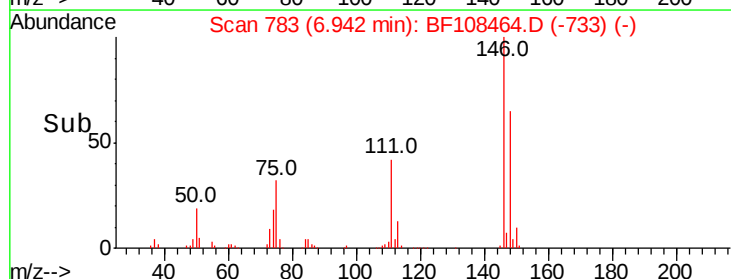
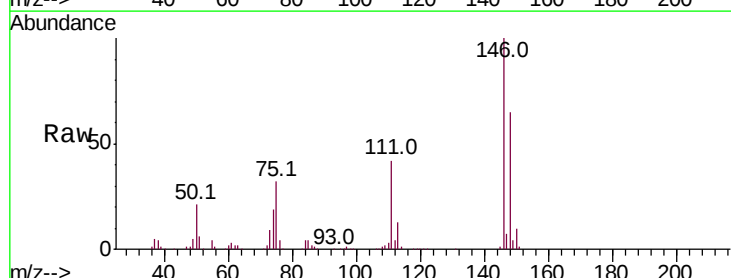
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#12
1,3-Dichlorobenzene
Concen: 42.082 ng
RT: 6.94 min Scan# 783
Delta R.T. -0.01 min
Lab File: BF108464.D
Acq: 24 Aug 2018 15:35

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.9	51.8	77.8
75	32.5	24.2	36.4





#13

1,4-Dichlorobenzene

Concen: 42.466 ng

RT: 7.02 min Scan# 796

Delta R.T. -0.01 min

Lab File: BF108464.D

Acq: 24 Aug 2018 15:35

Instrument :

BNA_F

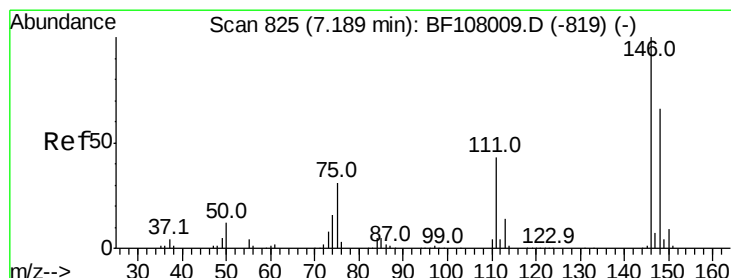
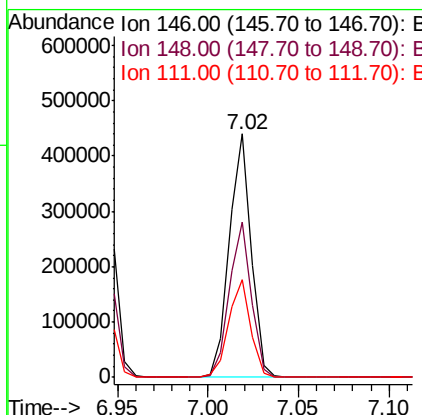
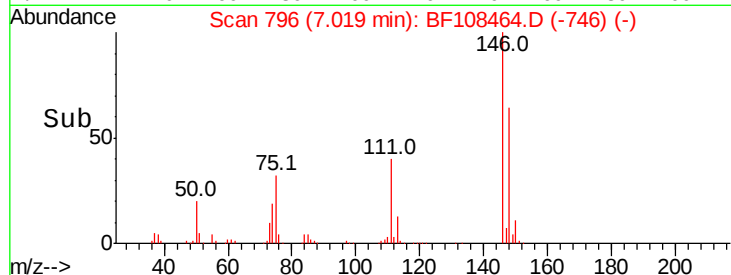
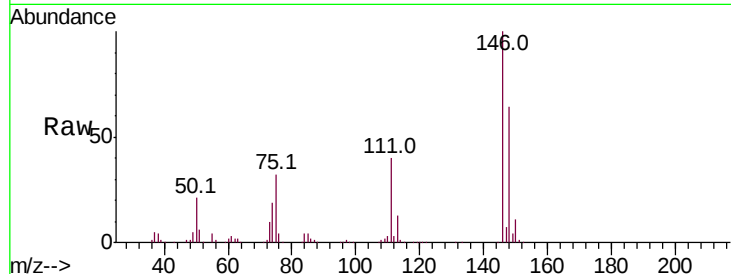
ClientSampled :

PB112335BS

Tot Ion:	146	Resp:	370023
Ion Ratio	Lower	Upper	
146	100		
148	63.8	50.8	76.2
111	40.1	34.2	51.2

Manual Integrations
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#14

1,2-Dichlorobenzene

Concen: 42.773 ng

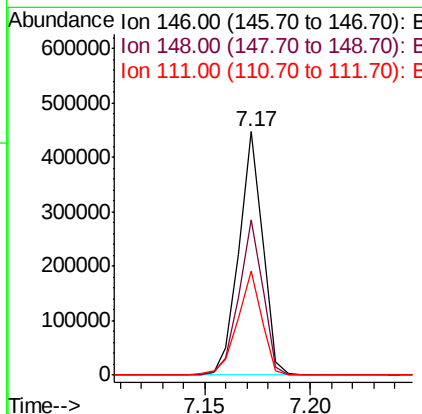
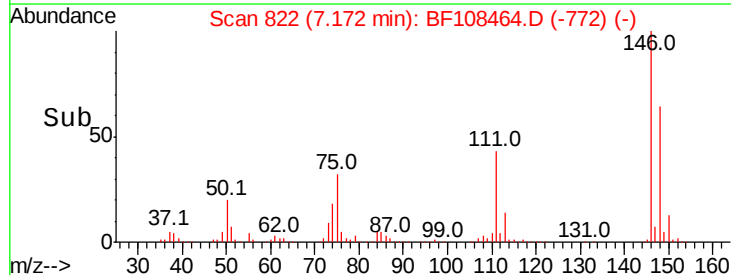
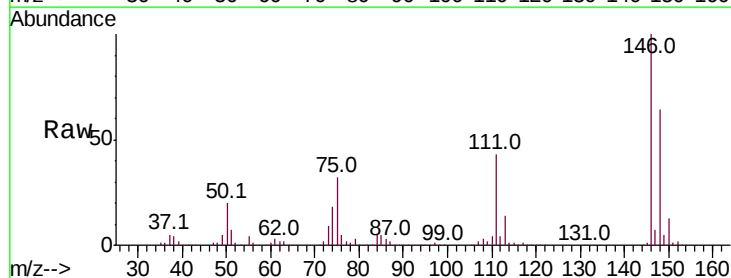
RT: 7.17 min Scan# 822

Delta R.T. -0.01 min

Lab File: BF108464.D

Acq: 24 Aug 2018 15:35

Tgt Ion:	146	Resp:	346667
Ion Ratio	Lower	Upper	
146	100		
148	63.6	50.6	75.8
111	42.9	36.0	54.0





#15

Benzyl Alcohol

Concen: 38.869 ng

RT: 7.14 min Scan# 816

Delta R.T. -0.01 min

Lab File: BF108464.D

Acq: 24 Aug 2018 15:35

Instrument :

BNA_F

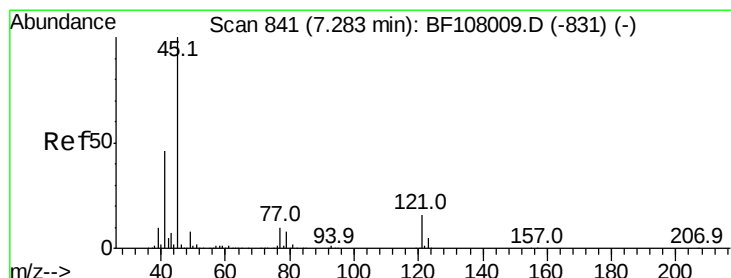
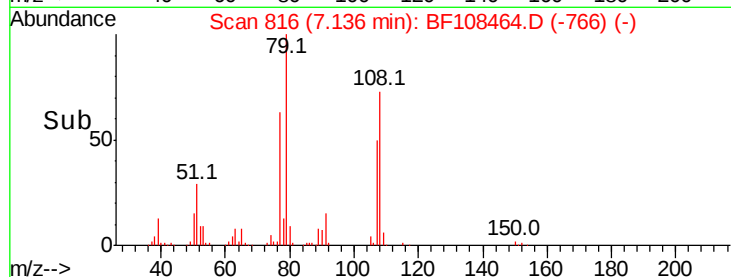
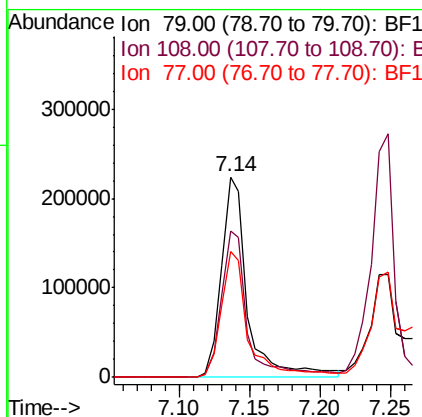
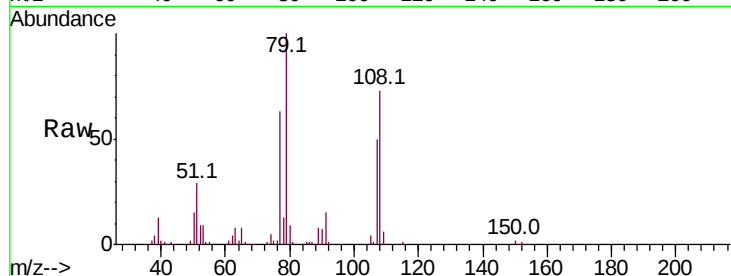
ClientSampleId :

PB112335BS

Tot Ion	Ratio	Resp	Lower	Upper
79	100			
108	73.1	65.1	97.7	
77	62.8	50.6	75.8	

Manual Integrations
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#16

2,2'-oxybis(1-Chloropropane)

Concen: 38.557 ng

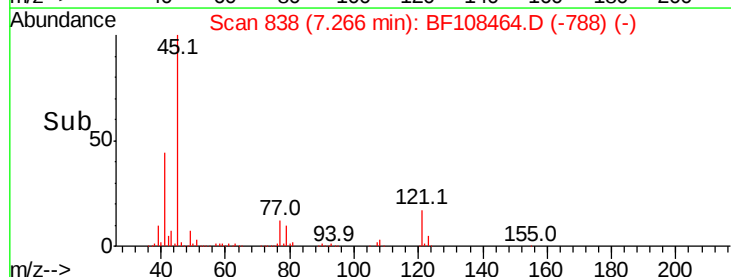
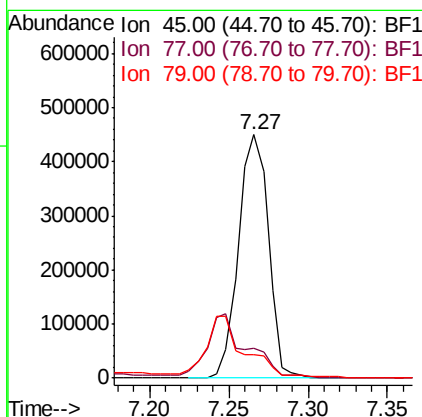
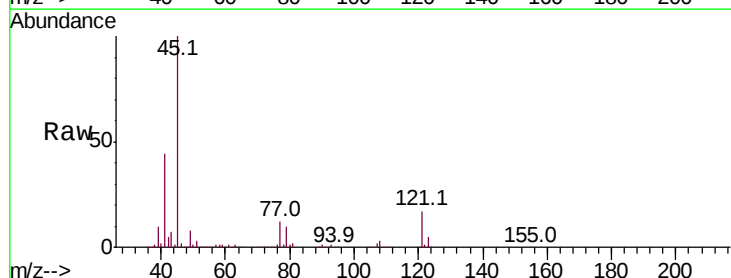
RT: 7.27 min Scan# 838

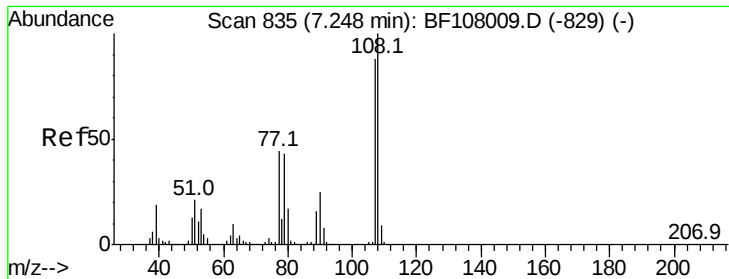
Delta R.T. -0.01 min

Lab File: BF108464.D

Acq: 24 Aug 2018 15:35

Tgt Ion	Ratio	Resp	Lower	Upper
45	100			
77	12.4	0.0	32.9	
79	9.8	0.0	29.6	





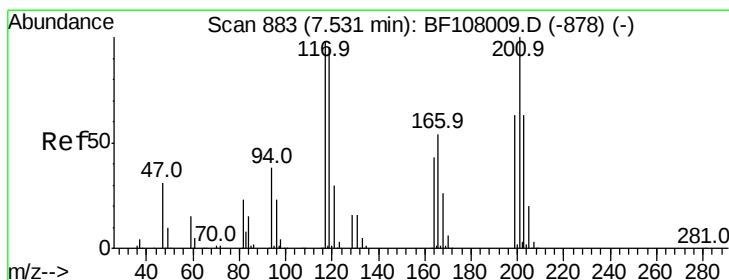
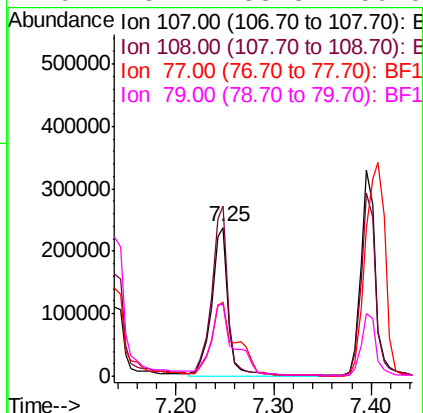
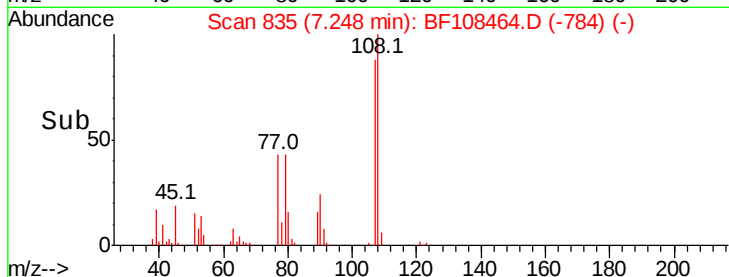
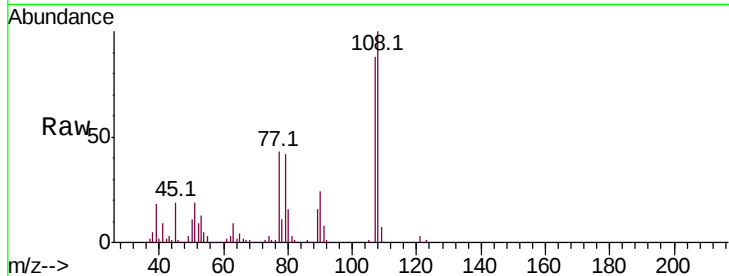
#17
2-Methylphenol
Concen: 43.886 ng
RT: 7.25 min Scan# 835
Delta R.T. -0.00 min
Lab File: BF108464.D
Acq: 24 Aug 2018 15:35

Instrument :
BNA_F
ClientSampleId :
PB112335BS

Tot Ion	Ratio	Resp	Lower	Upper
107	100	282273		
108	114.3		91.7	137.5
77	49.6		33.8	50.8
79	48.4		33.8	50.8

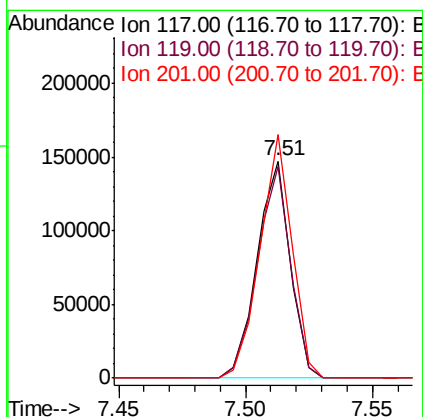
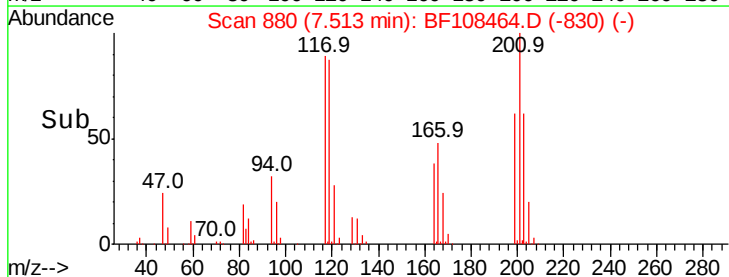
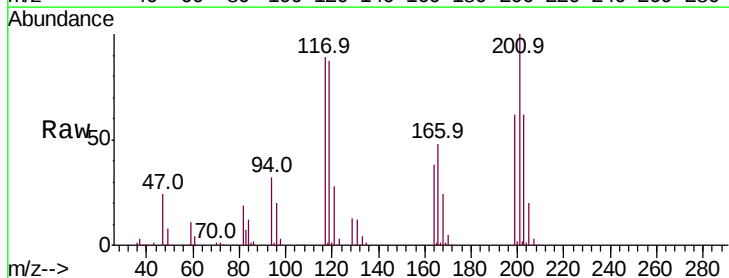
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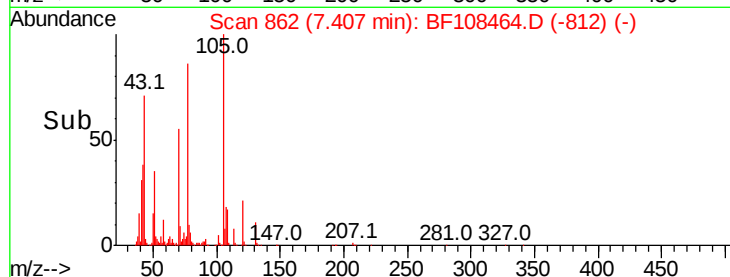
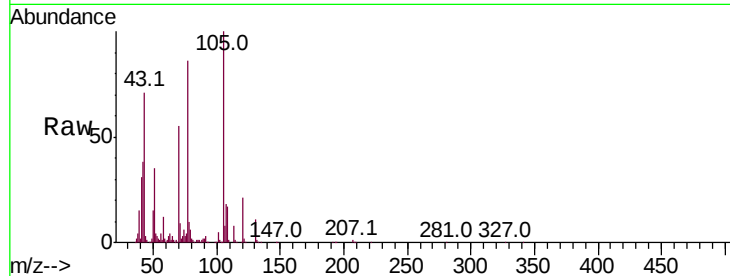
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#18
Hexachloroethane
Concen: 42.930 ng
RT: 7.51 min Scan# 880
Delta R.T. -0.01 min
Lab File: BF108464.D
Acq: 24 Aug 2018 15:35

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	133173		
119	97.6		75.8	113.8
201	112.3		75.7	113.5





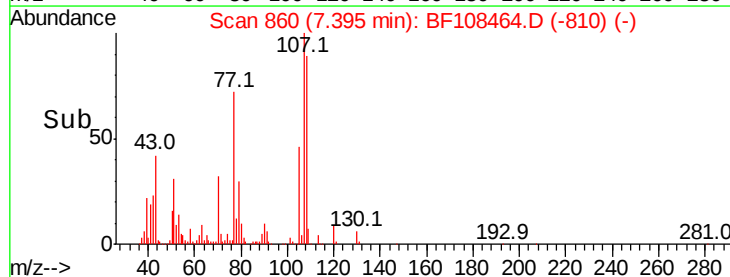
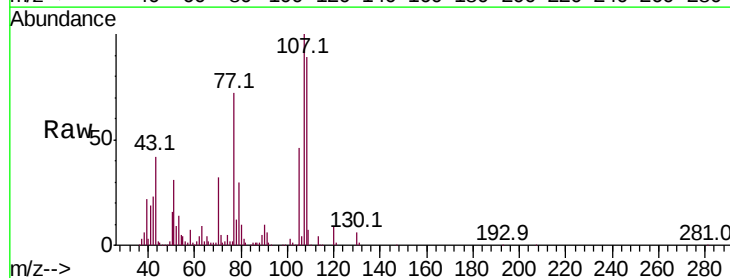
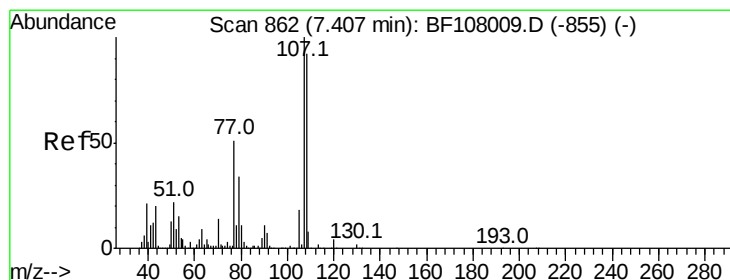
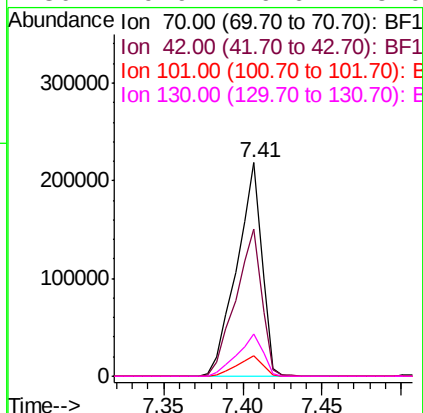
#19
n-Nitroso-di-n-propylamine
Concen: 40.115 ng
RT: 7.41 min Scan# 862
Delta R.T. -0.01 min
Lab File: BF108464.D
Acq: 24 Aug 2018 15:35

Instrument :
BNA_F
ClientSampleId :
PB112335BS

Tot Ion	Ratio	Lower	Upper
70	100		
42	69.1	47.5	71.3
101	9.6	7.4	11.2
130	19.9	16.6	25.0

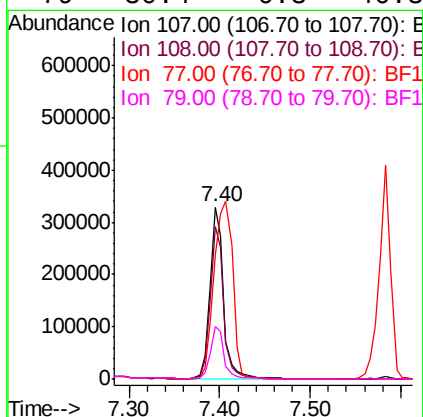
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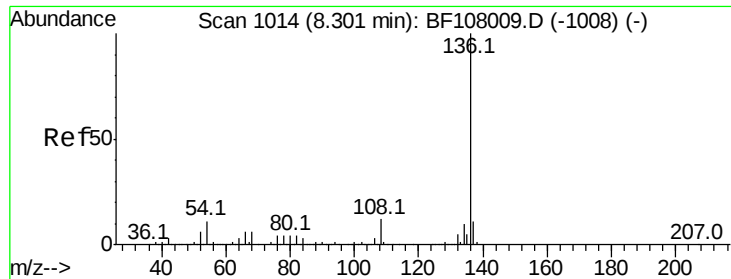
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#20
3+4-Methylphenols
Concen: 41.800 ng
RT: 7.40 min Scan# 860
Delta R.T. -0.01 min
Lab File: BF108464.D
Acq: 24 Aug 2018 15:35

Tgt Ion	Ratio	Lower	Upper
107	100		
108	89.0	68.2	108.2
77	72.2	26.7	66.7#
79	30.4	6.3	46.3





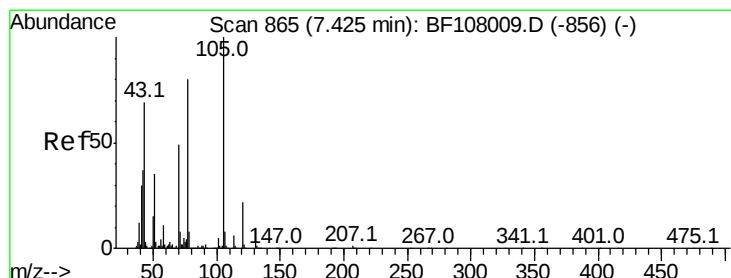
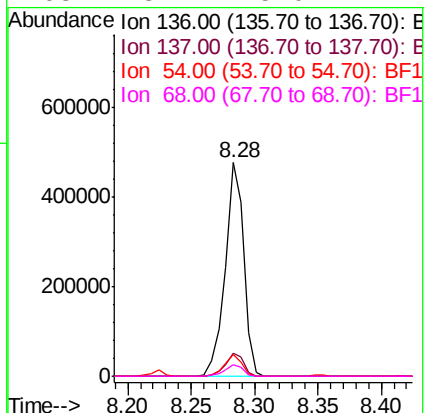
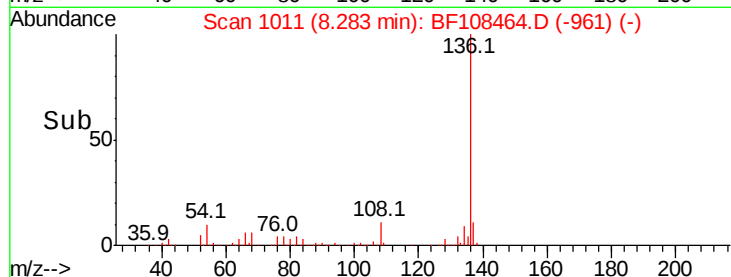
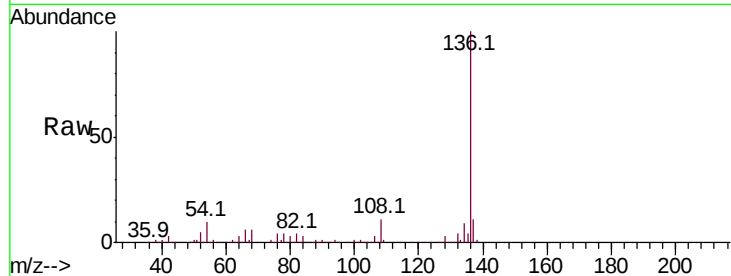
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.28 min Scan# 1011
Delta R.T. -0.01 min
Lab File: BF108464.D
Acq: 24 Aug 2018 15:35

Instrument :
BNA_F
ClientSampleId :
PB112335BS

Tot Ion	Ratio	Resp	Lower	Upper
136	100			
137	11.1	8.9	13.3	
54	10.0	6.6	9.8#	
68	5.7	5.0	7.4	

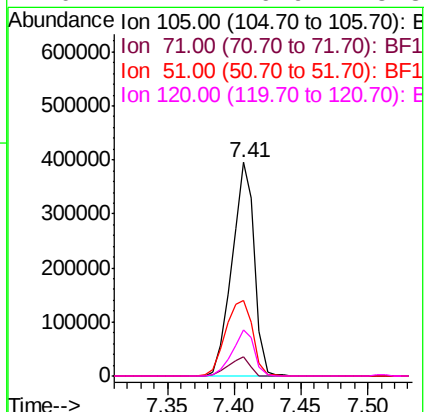
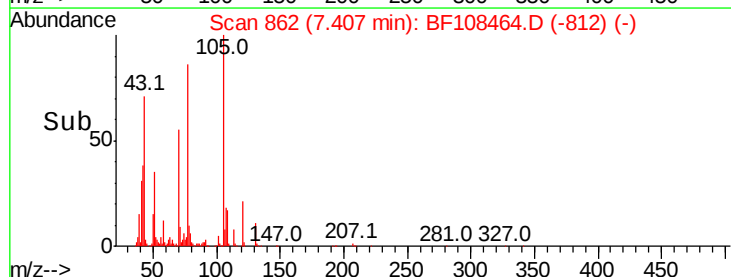
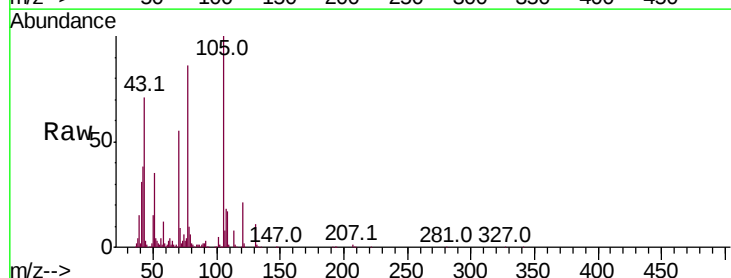
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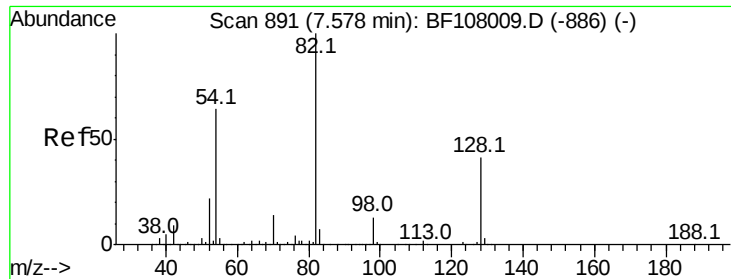
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#22
Acetophenone
Concen: 41.137 ng
RT: 7.41 min Scan# 862
Delta R.T. -0.01 min
Lab File: BF108464.D
Acq: 24 Aug 2018 15:35

Tgt Ion	Ratio	Resp	Lower	Upper
105	100			
71	9.0	4.4	6.6#	
51	35.4	22.3	33.5#	
120	21.4	16.9	25.3	





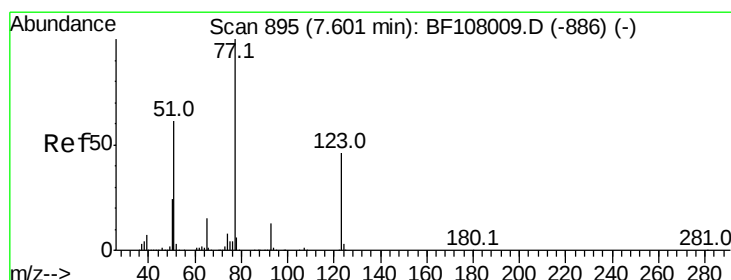
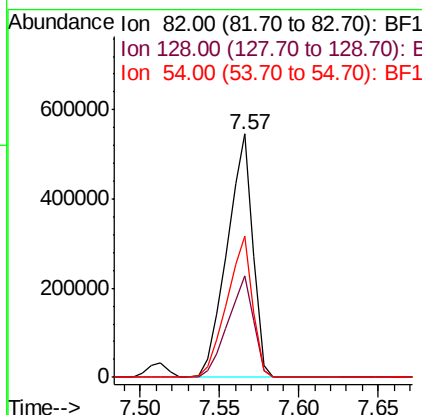
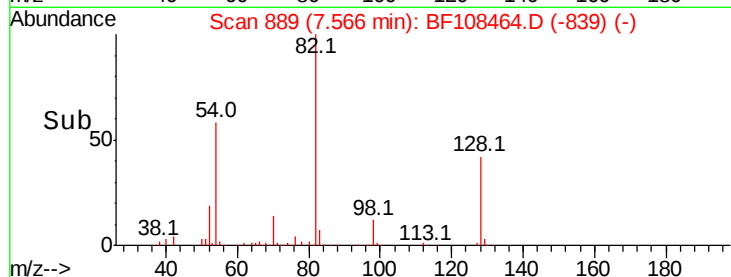
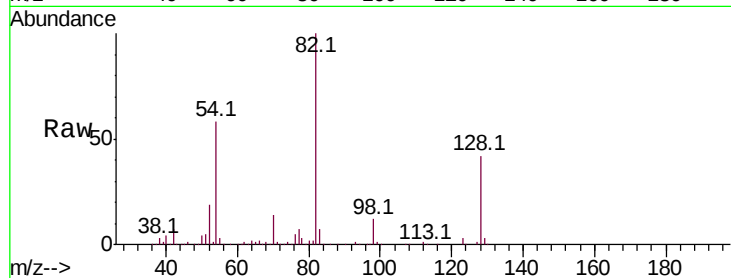
#23
 Nitrobenzene-d5
 Concen: 71.206 ng
 RT: 7.57 min Scan# 889
 Delta R.T. -0.01 min
 Lab File: BF108464.D
 Acq: 24 Aug 2018 15:35

Instrument :
 BNA_F
 ClientSampleId :
 PB112335BS

Tot Ion	Ratio	Lower	Upper
82	100		
128	41.7	36.1	54.1
54	58.2	41.4	62.2

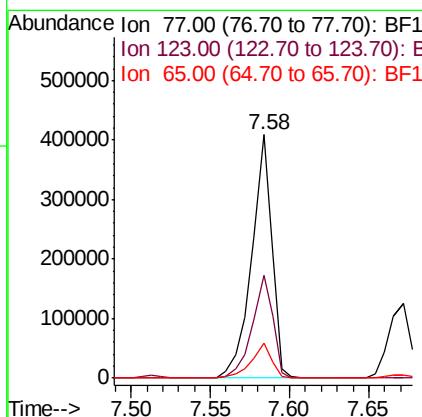
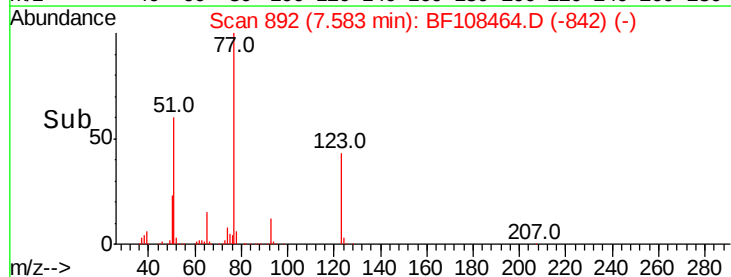
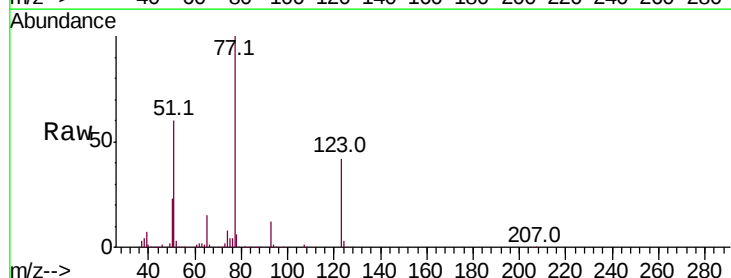
Manual Integrations
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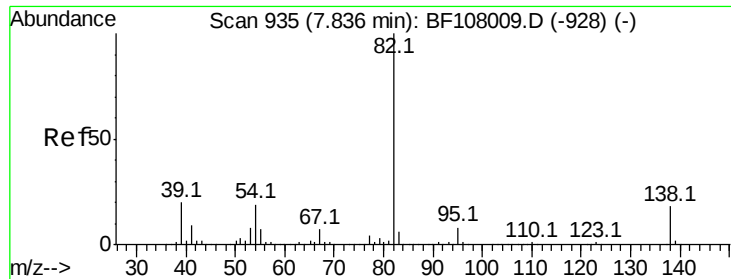
Sohil
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#24
 Nitrobenzene
 Concen: 41.460 ng
 RT: 7.58 min Scan# 892
 Delta R.T. -0.01 min
 Lab File: BF108464.D
 Acq: 24 Aug 2018 15:35

Tgt Ion	Ratio	Lower	Upper
77	100		
123	42.5	37.9	56.9
65	14.5	11.0	16.4





#25

Isophorone

Concen: 39.831 ng

RT: 7.82 min Scan# 932

Delta R.T. -0.01 min

Lab File: BF108464.D

Acq: 24 Aug 2018 15:35

Instrument :

BNA_F

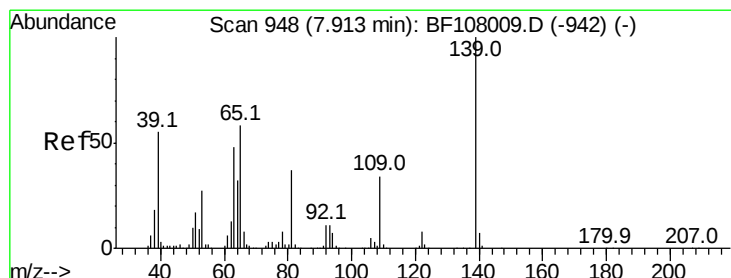
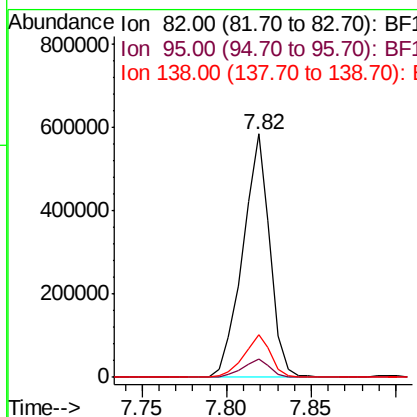
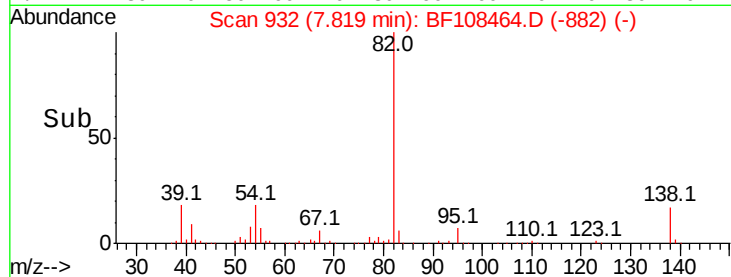
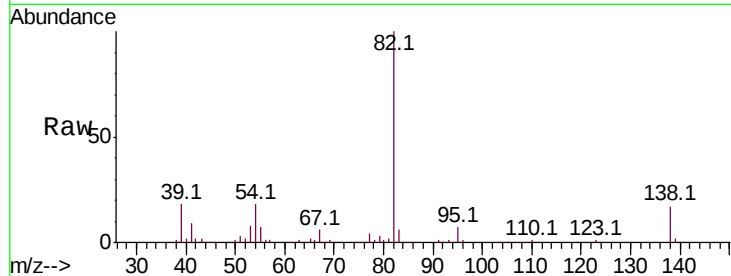
ClientSampleId :

PB112335BS

Tot Ion:	82	Resp:	654713
Ion Ratio	Lower	Upper	
82	100		
95	7.4	5.2	7.8
138	17.3	14.9	22.3

Manual Integrations
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#26

2-Nitrophenol

Concen: 49.311 ng

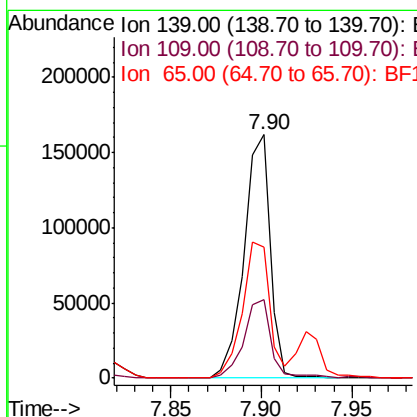
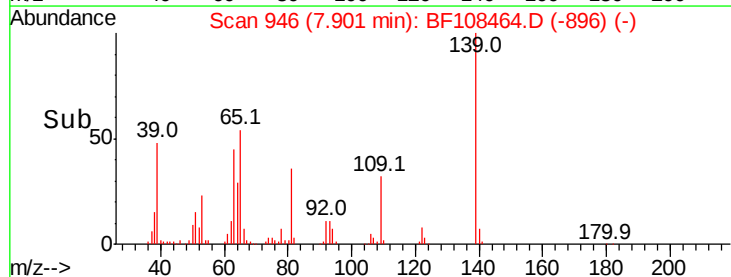
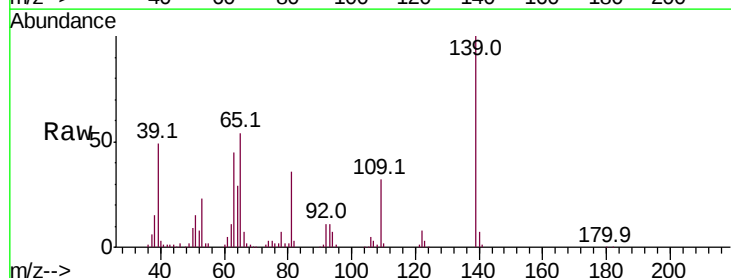
RT: 7.90 min Scan# 946

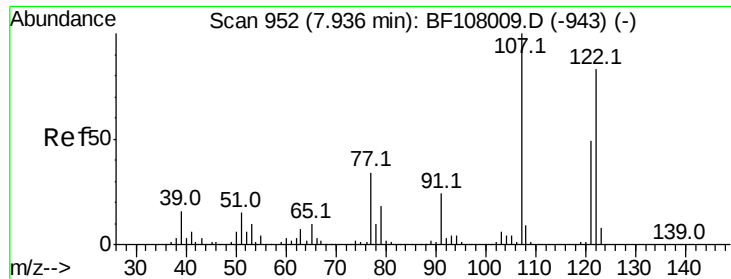
Delta R.T. -0.01 min

Lab File: BF108464.D

Acq: 24 Aug 2018 15:35

Tgt Ion:	139	Resp:	162397
Ion Ratio	Lower	Upper	
139	100		
109	32.4	22.7	34.1
65	53.8	40.5	60.7





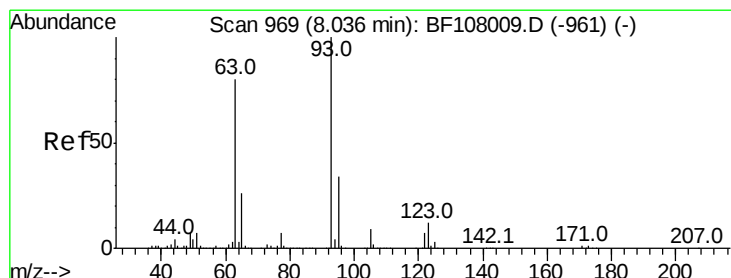
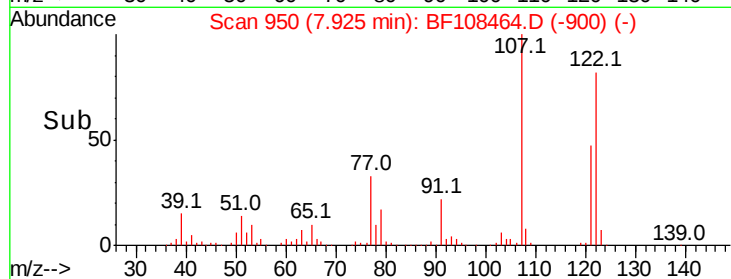
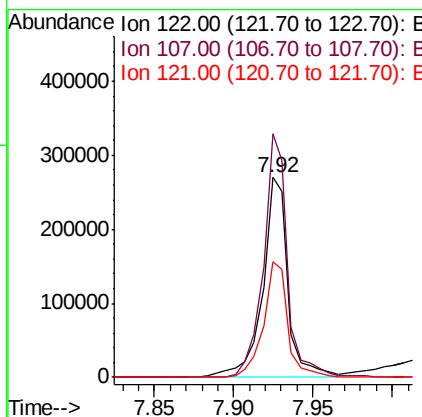
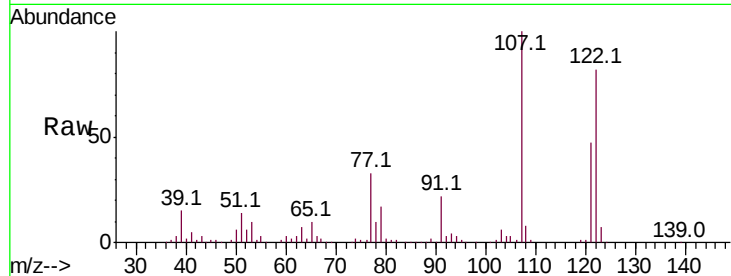
#27
2,4-Dimethylphenol
Concen: 41.378 ng
RT: 7.92 min Scan# 950
Delta R.T. -0.01 min
Lab File: BF108464.D
Acq: 24 Aug 2018 15:35

Instrument :
BNA_F
ClientSampleId :
PB112335BS

Tot Ion	Ratio	Resp	Lower	Upper
122	100	301868		
107	121.9	91.2	136.8	
121	57.8	47.2	70.8	

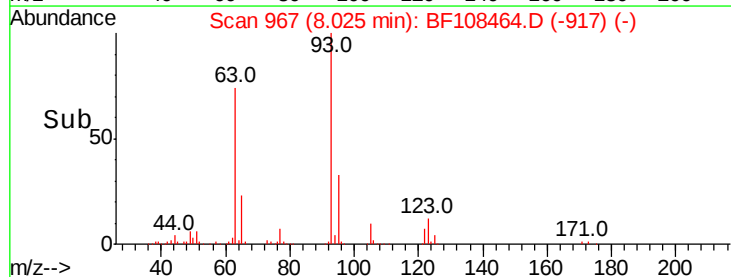
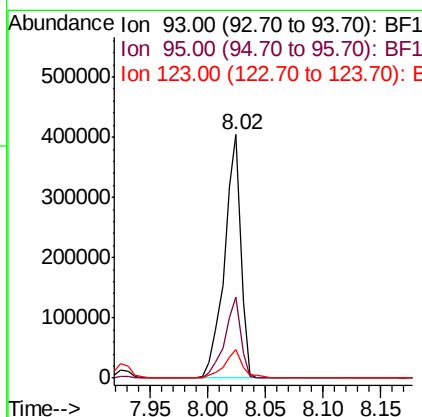
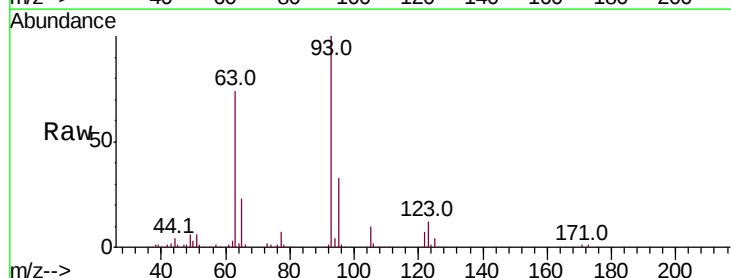
Manual Integrations
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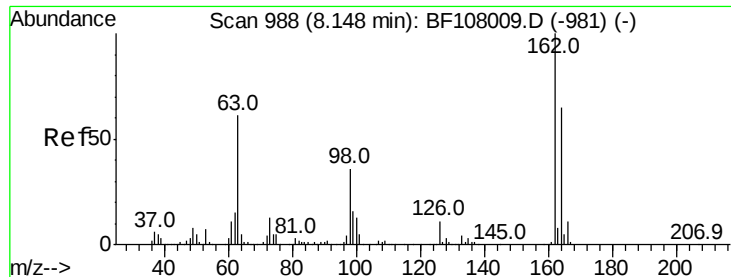
Sohil
8/27/2018 12:56:33 PM



#28
bis(2-Chloroethoxy)methane
Concen: 41.415 ng
RT: 8.02 min Scan# 967
Delta R.T. -0.01 min
Lab File: BF108464.D
Acq: 24 Aug 2018 15:35

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	397409		
95	33.3	26.3	39.5	
123	11.8	9.8	14.6	





#29

2,4-Dichlorophenol

Concen: 43.187 ng

RT: 8.14 min Scan# 987

Delta R.T. -0.00 min

Lab File: BF108464.D

Acq: 24 Aug 2018 15:35

Instrument :

BNA_F

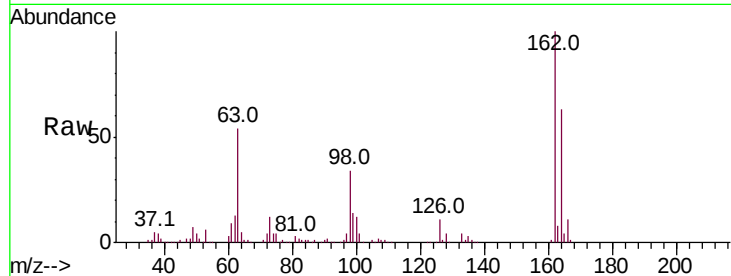
ClientSampleId :

PB112335BS

Tot Ion:	162	Resp:	289944
Ion Ratio	Lower	Upper	
162	100		
164	63.5	42.7	82.7
98	34.4	18.1	58.1

Manual Integrations
APPROVED

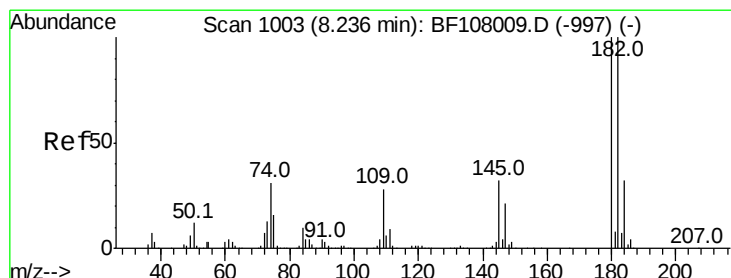
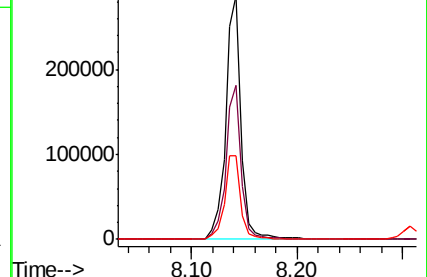
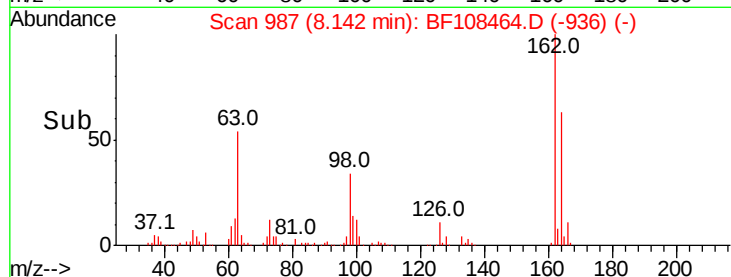
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Abundance Ion 162.00 (161.70 to 162.70): E

Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BF1



#30

1,2,4-Trichlorobenzene

Concen: 42.131 ng

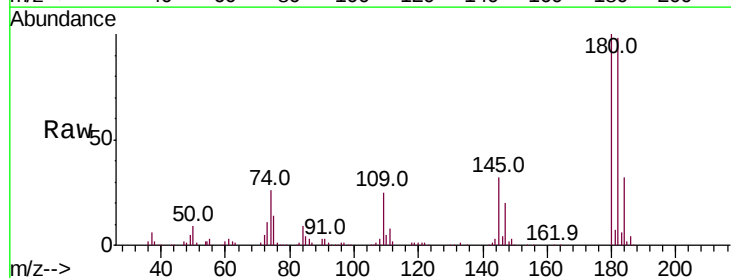
RT: 8.22 min Scan# 1001

Delta R.T. -0.01 min

Lab File: BF108464.D

Acq: 24 Aug 2018 15:35

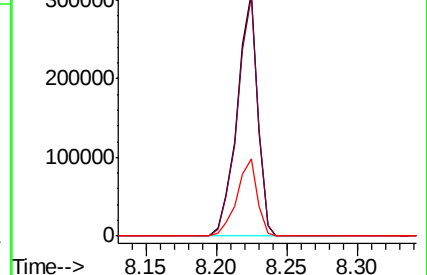
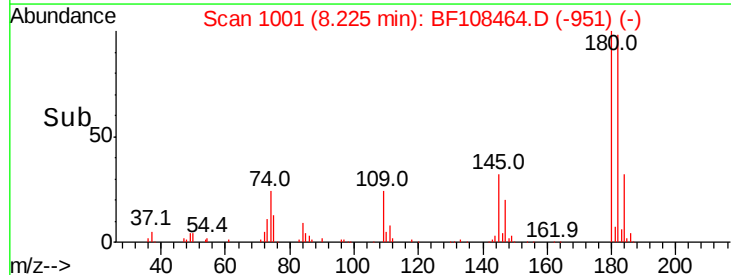
Tgt Ion:	180	Resp:	311855
Ion Ratio	Lower	Upper	
180	100		
182	98.3	76.8	115.2
145	31.7	26.5	39.7

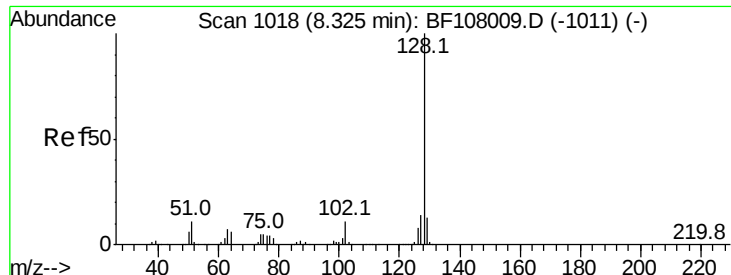


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E





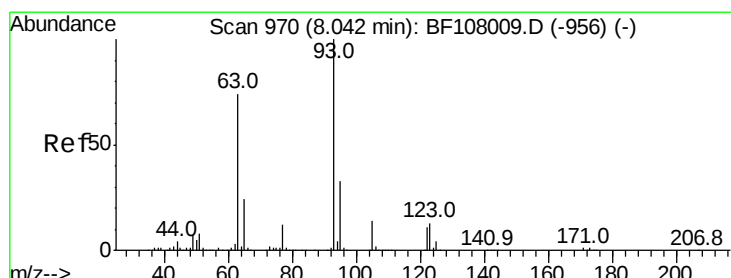
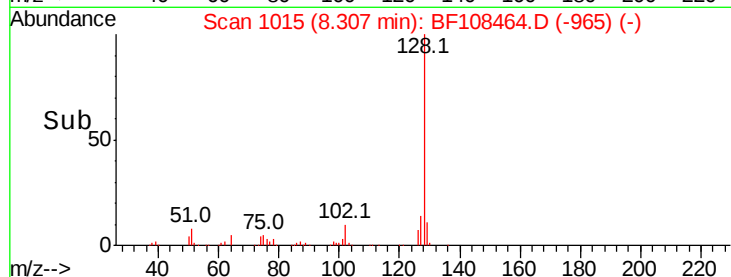
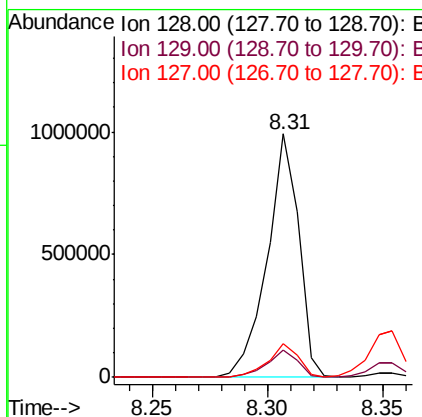
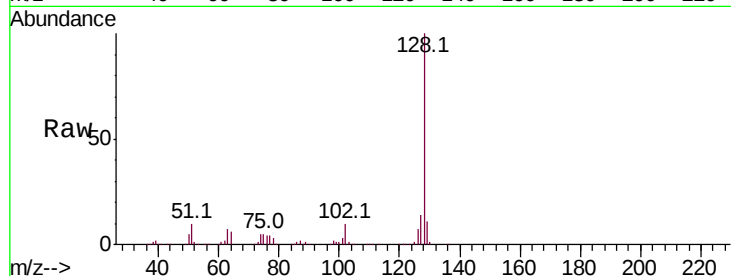
#31
Naphthalene
Concen: 42.929 ng
RT: 8.31 min Scan# 1015
Delta R.T. -0.01 min
Lab File: BF108464.D
Acq: 24 Aug 2018 15:35

Instrument :
BNA_F
ClientSampleId :
PB112335BS

Tot Ion	Ratio	Resp	Lower	Upper
128	100			
129	11.3	8.8	13.2	
127	13.6	10.9	16.3	

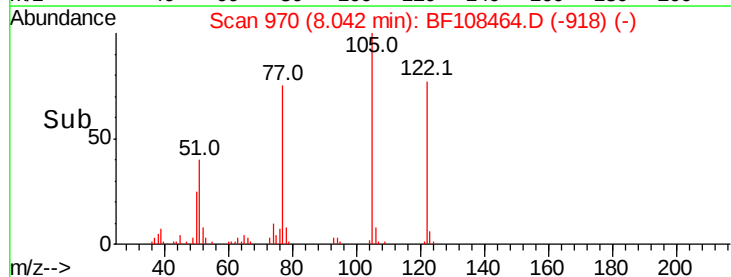
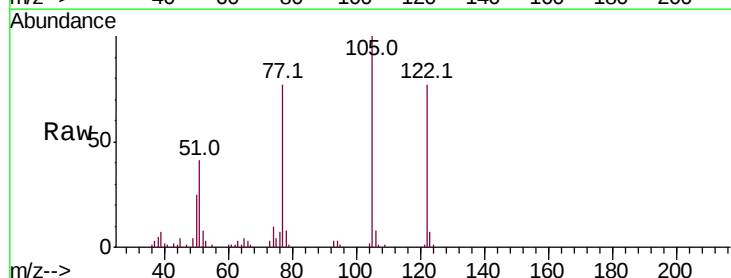
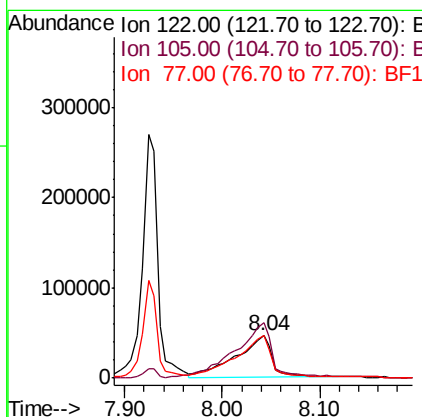
Manual Integrations
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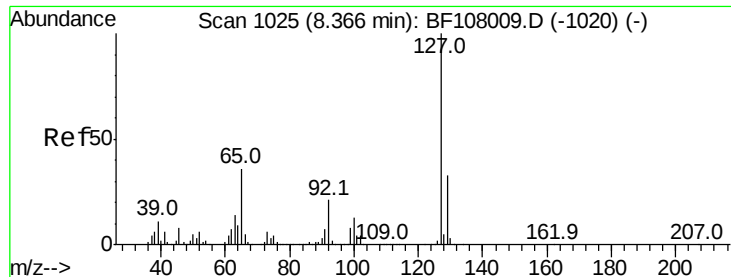
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#32
Benzoic acid
Concen: 30.681 ng
RT: 8.04 min Scan# 970
Delta R.T. 0.01 min
Lab File: BF108464.D
Acq: 24 Aug 2018 15:35

Tgt Ion	Ratio	Resp	Lower	Upper
122	100			
105	130.6	101.1	141.1	
77	100.8	70.7	110.7	





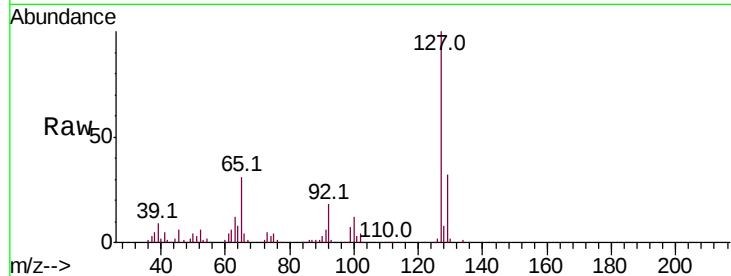
#33
4-Chloroaniline
Concen: 21.780 ng
RT: 8.35 min Scan# 1023
Delta R.T. -0.01 min
Lab File: BF108464.D
Acq: 24 Aug 2018 15:35

Instrument :
BNA_F
ClientSampleId :
PB112335BS

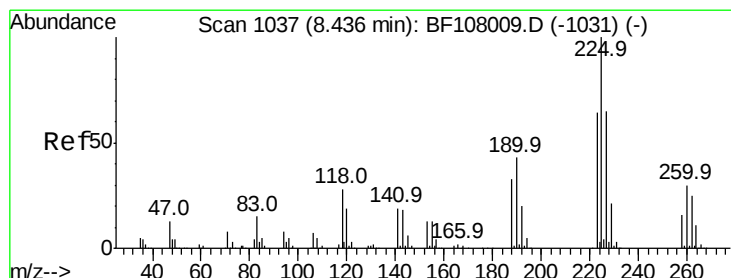
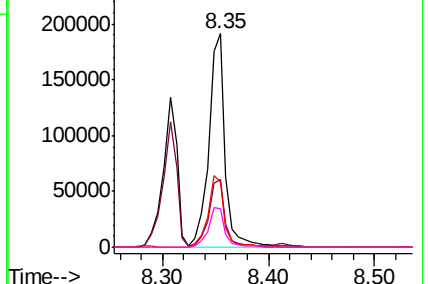
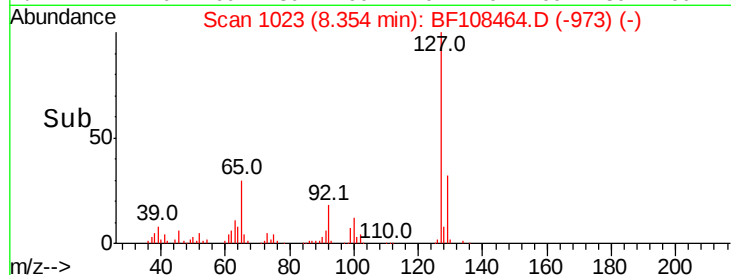
Tot Ion	Ratio	Resp	Lower	Upper
127	100			
129	32.0	25.9	38.9	
65	30.7	25.0	37.4	
92	17.8	15.2	22.8	

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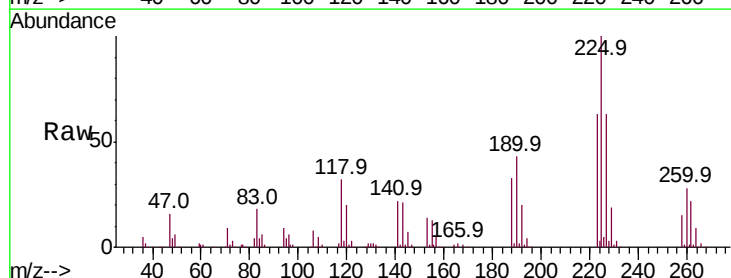


Abundance Ion 127.00 (126.70 to 127.70): E
300000
Ion 129.00 (128.70 to 129.70): E
250000
Ion 65.00 (64.70 to 65.70): BF1
200000
Ion 92.00 (91.70 to 92.70): BF1

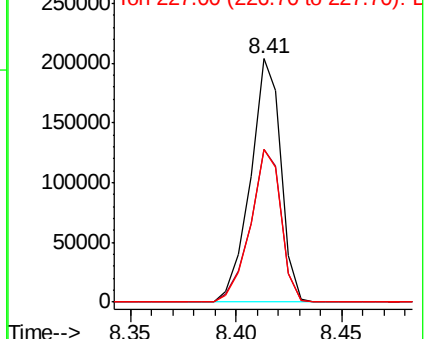
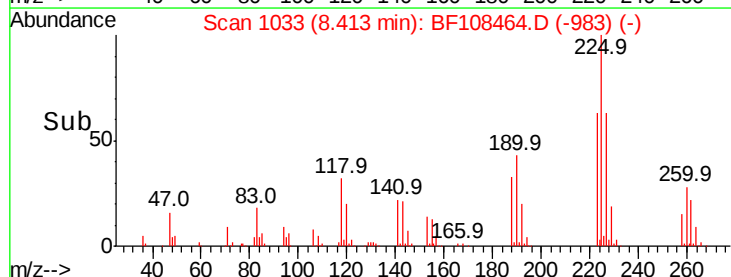


#34
Hexachlorobutadiene
Concen: 43.508 ng
RT: 8.41 min Scan# 1033
Delta R.T. -0.01 min
Lab File: BF108464.D
Acq: 24 Aug 2018 15:35

Tgt Ion	Ratio	Resp	Lower	Upper
225	100			
223	62.5	50.6	76.0	
227	62.5	51.9	77.9	



Abundance Ion 225.00 (224.70 to 225.70): E
250000
Ion 223.00 (222.70 to 223.70): E
200000
Ion 227.00 (226.70 to 227.70): E





#35

Caprolactam

Concen: 38.912 ng/ml

RT: 8.72 min Scan# 1086

Delta R.T. -0.01 min

Lab File: BF108464.D

Acq: 24 Aug 2018 15:35

Instrument :

BNA_F

ClientSampled :

PB112335BS

Tot Ion:113 Resp: 81867

Ion Ratio Lower Upper

113 100

55 218.7 163.3 203.3#

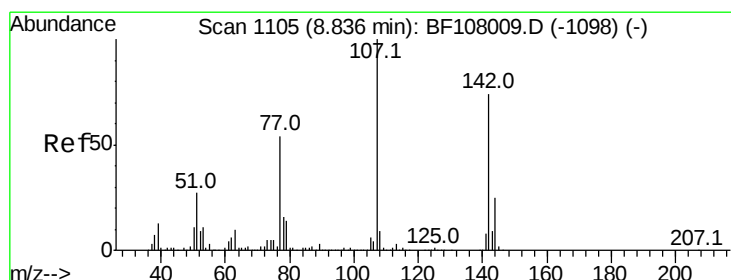
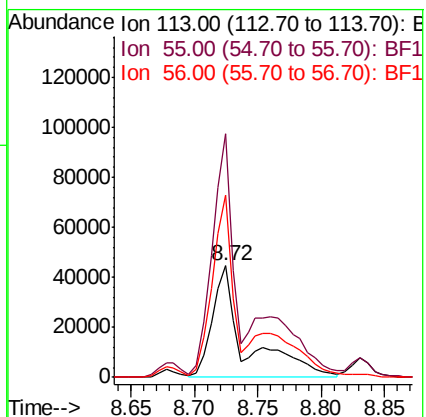
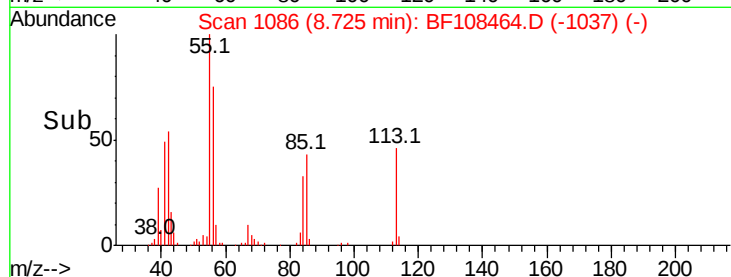
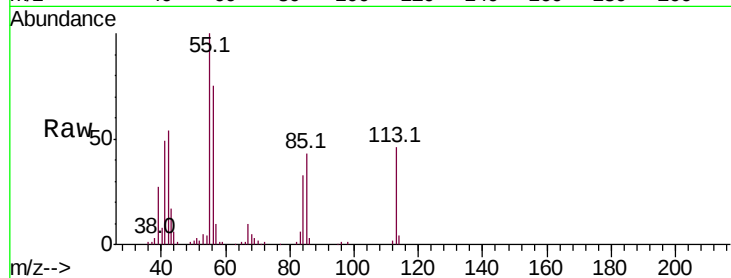
56 163.3 115.7 155.7#

Manual Integrations

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#36

4-Chloro-3-methylphenol

Concen: 41.948 ng/ml

RT: 8.83 min Scan# 1104

Delta R.T. -0.00 min

Lab File: BF108464.D

Acq: 24 Aug 2018 15:35

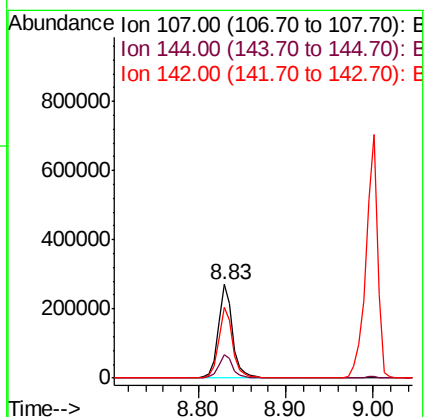
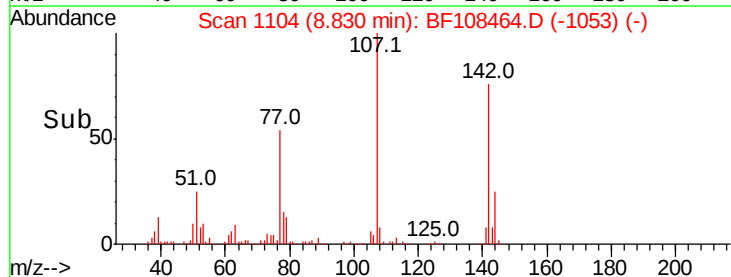
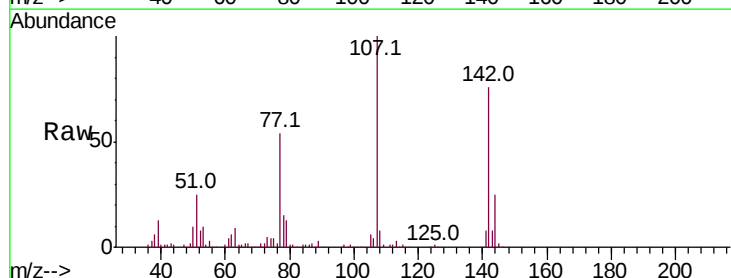
Tgt Ion:107 Resp: 303813

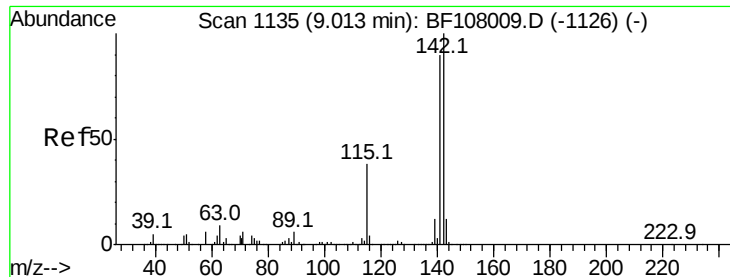
Ion Ratio Lower Upper

107 100

144 24.8 20.5 30.7

142 75.9 62.0 93.0





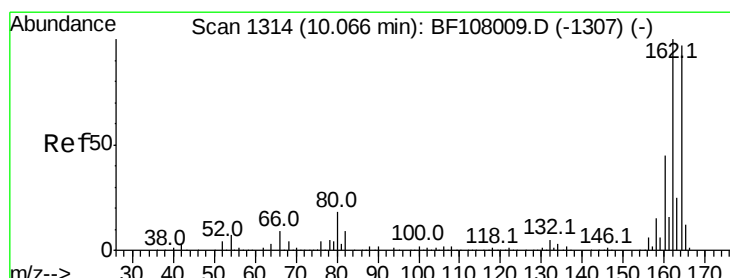
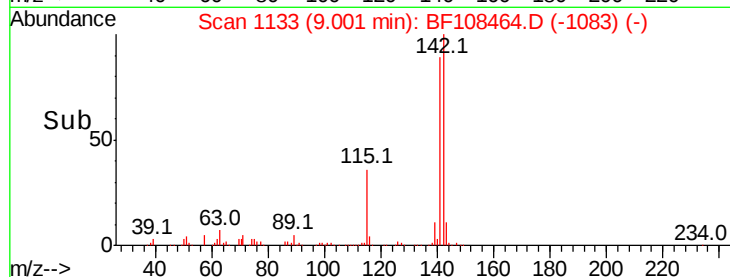
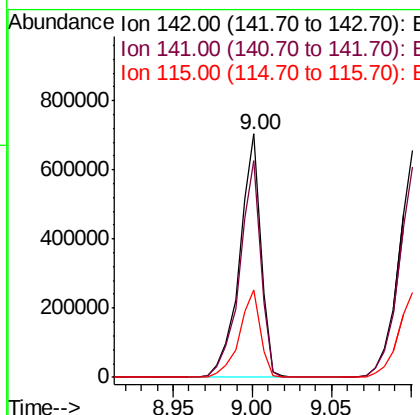
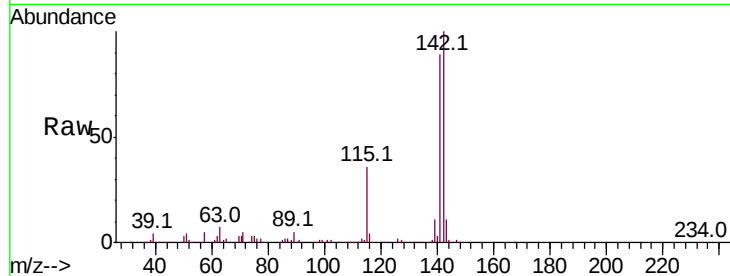
#37
2-Methylnaphthalene
Concen: 42.055 ng
RT: 9.00 min Scan# 1133
Delta R.T. -0.01 min
Lab File: BF108464.D
Acq: 24 Aug 2018 15:35

Instrument :
BNA_F
ClientSampleId :
PB112335BS

Tot Ion	Ratio	Lower	Upper
142	100		
141	89.1	70.8	106.2
115	35.8	26.1	39.1

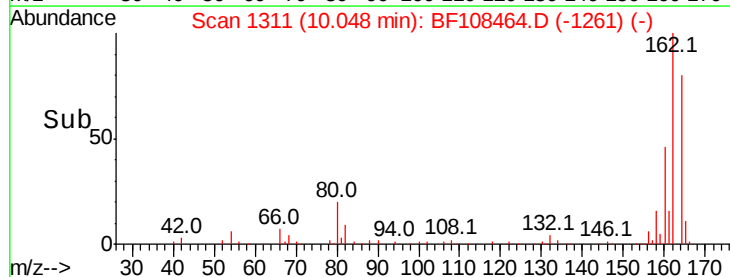
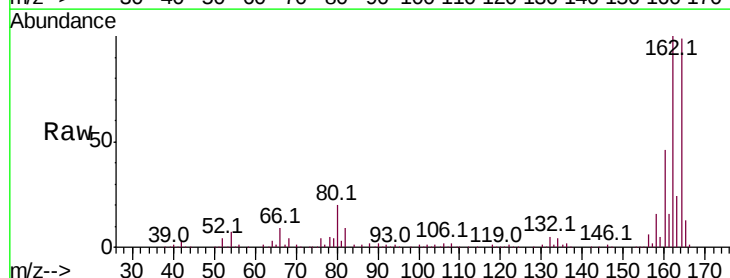
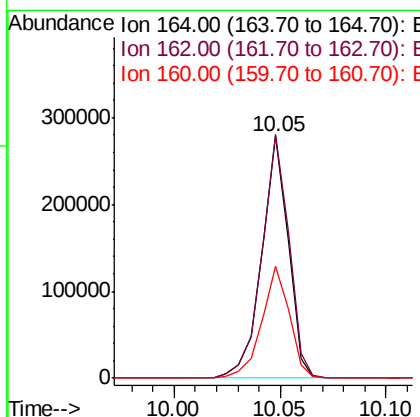
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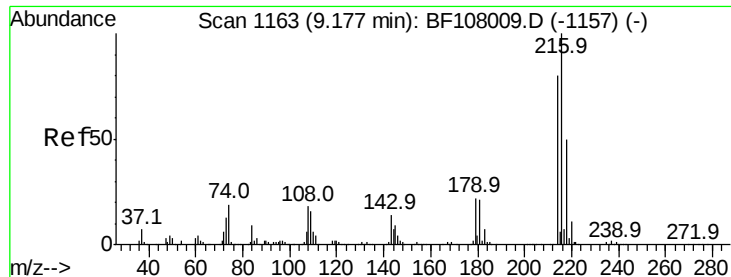
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#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.05 min Scan# 1311
Delta R.T. -0.01 min
Lab File: BF108464.D
Acq: 24 Aug 2018 15:35

Tgt Ion	Ratio	Lower	Upper
164	100		
162	100.6	86.1	129.1
160	46.2	38.3	57.5





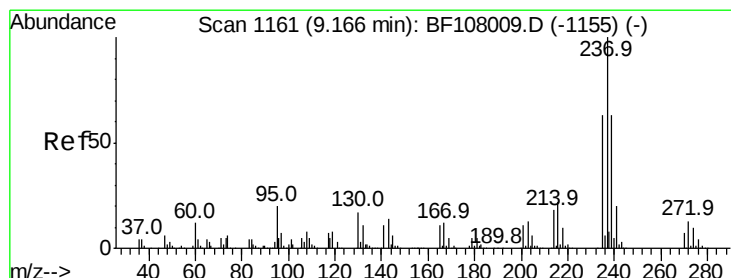
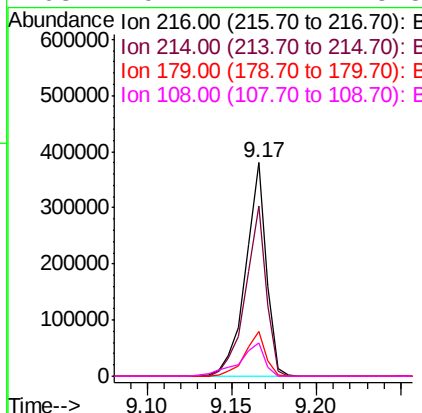
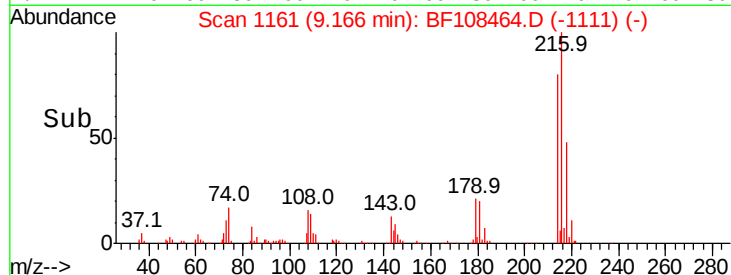
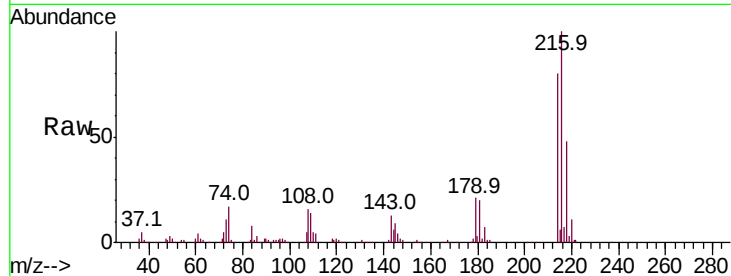
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 43.472 ng
 RT: 9.17 min Scan# 1161
 Delta R.T. -0.01 min
 Lab File: BF108464.D
 Acq: 24 Aug 2018 15:35

Instrument :
 BNA_F
 ClientSampleId :
 PB112335BS

Tot Ion	Ratio	Resp Lower	Upper
216	100		
214	80.0	63.0	94.4
179	20.9	18.1	27.1
108	19.4	17.2	25.8

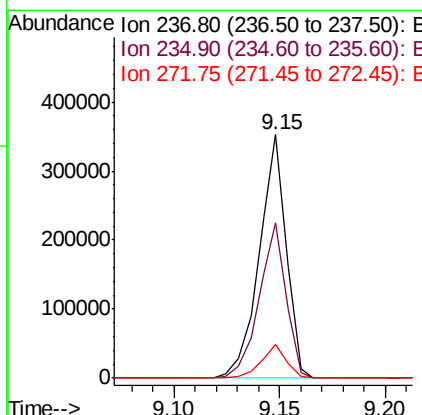
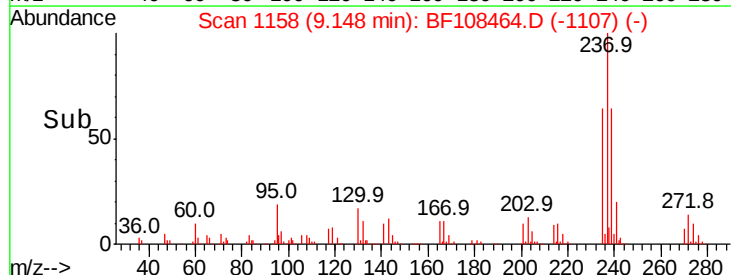
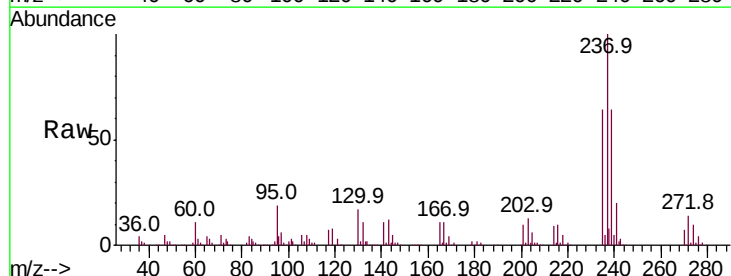
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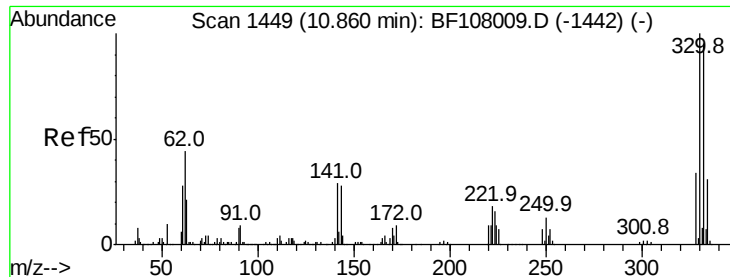
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#40
 Hexachlorocyclopentadiene
 Concen: 64.389 ng
 RT: 9.15 min Scan# 1158
 Delta R.T. -0.00 min
 Lab File: BF108464.D
 Acq: 24 Aug 2018 15:35

Tgt Ion	Ratio	Resp Lower	Upper
237	100		
235	63.9	44.8	84.8
272	13.7	0.0	33.3





#41

2,4,6-Tribromophenol

Concen: 115.607 ng

RT: 10.84 min Scan# 1446

Delta R.T. -0.01 min

Lab File: BF108464.D

Acq: 24 Aug 2018 15:35

Instrument :

BNA_F

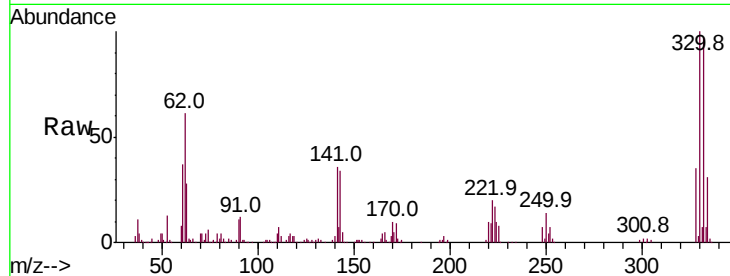
ClientSampleId :

PB112335BS

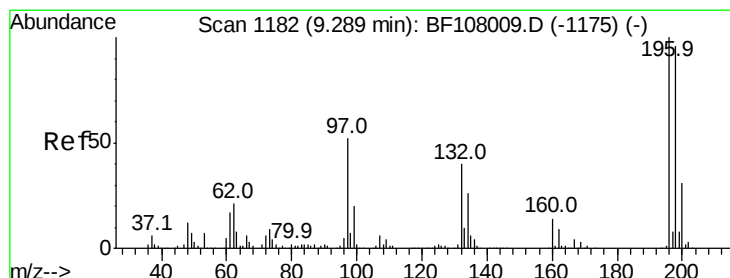
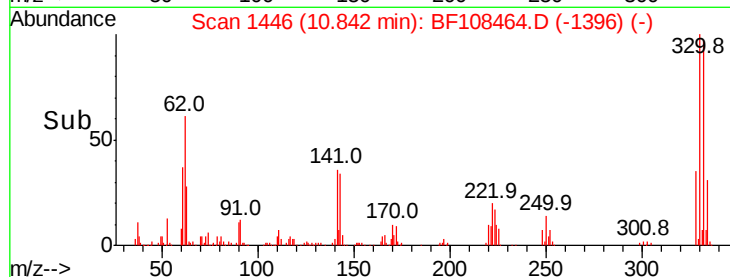
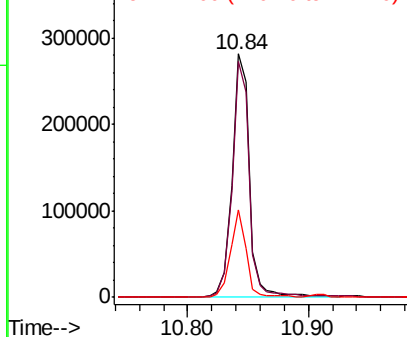
Tot Ion:	330	Resp:	282059
Ion Ratio	Lower	Upper	
330	100		
332	97.9	77.0	115.6
141	32.9	29.9	44.9

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



#42

2,4,6-Trichlorophenol

Concen: 45.708 ng

RT: 9.28 min Scan# 1180

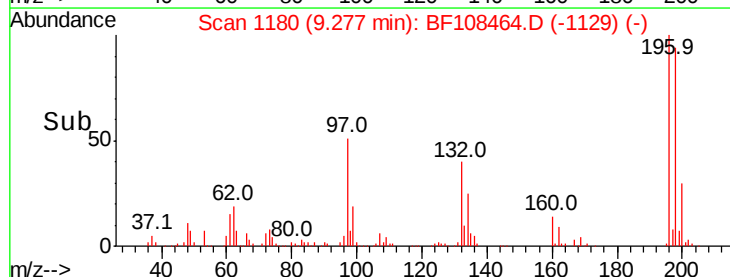
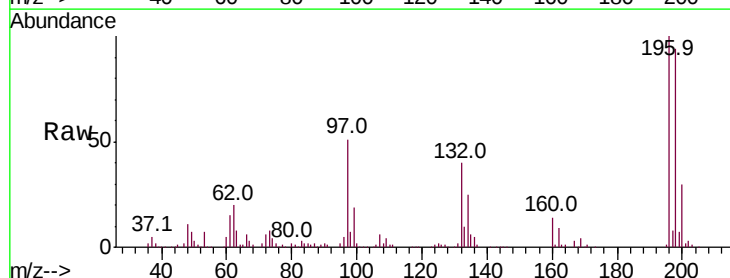
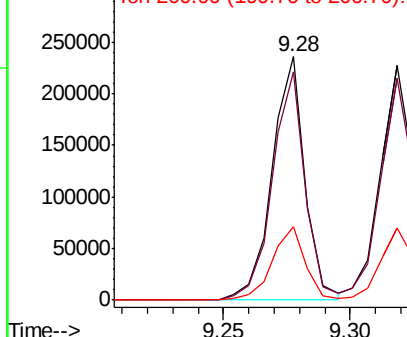
Delta R.T. -0.00 min

Lab File: BF108464.D

Acq: 24 Aug 2018 15:35

Tgt Ion:	196	Resp:	213051
Ion Ratio	Lower	Upper	
196	100		
198	93.7	75.7	113.5
200	29.9	24.5	36.7

Abundance Ion 196.00 (195.70 to 196.70): E
Ion 198.00 (197.70 to 198.70): E
Ion 200.00 (199.70 to 200.70): E





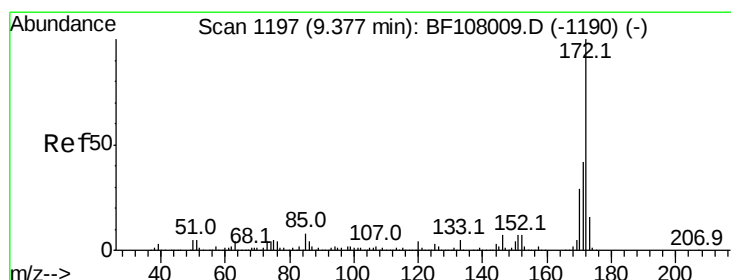
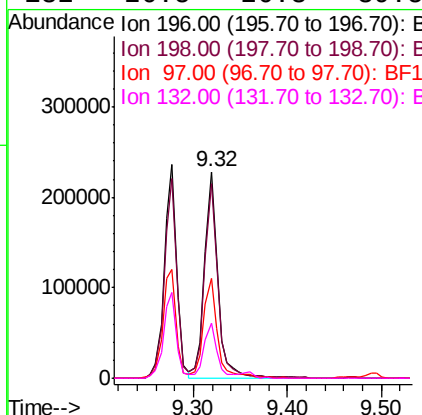
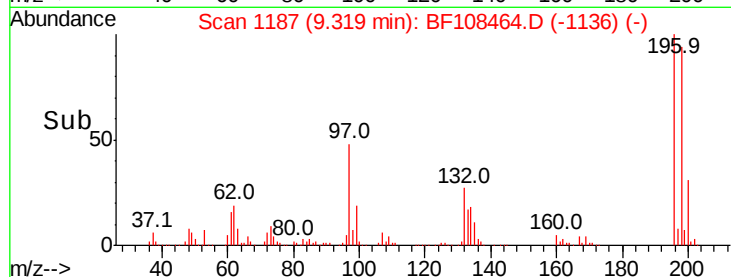
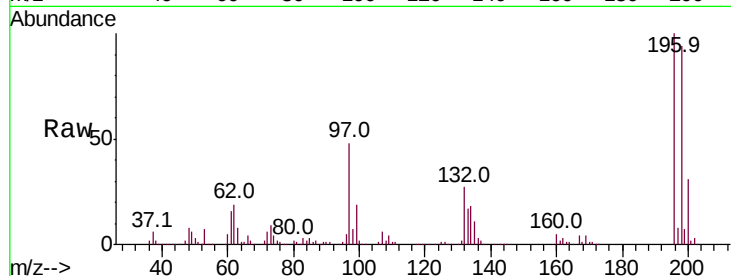
#43
 2,4,5-Trichlorophenol
 Concen: 44.589 ng
 RT: 9.32 min Scan# 1187
 Delta R.T. -0.00 min
 Lab File: BF108464.D
 Acq: 24 Aug 2018 15:35

Instrument :
 BNA_F
 ClientSampleId :
 PB112335BS

Tot Ion	Ratio	Resp	Lower	Upper
196	100	228790		
198	94.3	74.6	112.0	
97	48.2	42.9	64.3	
132	26.5	26.3	39.5	

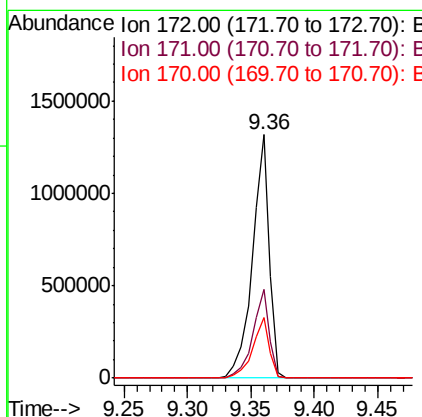
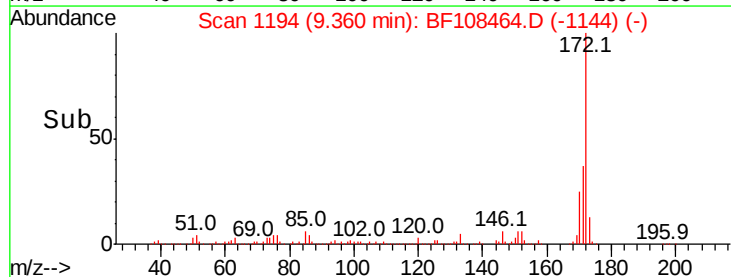
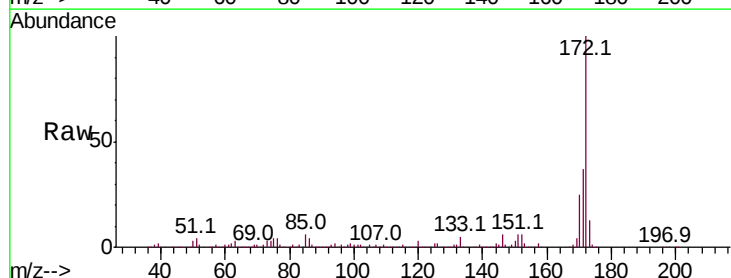
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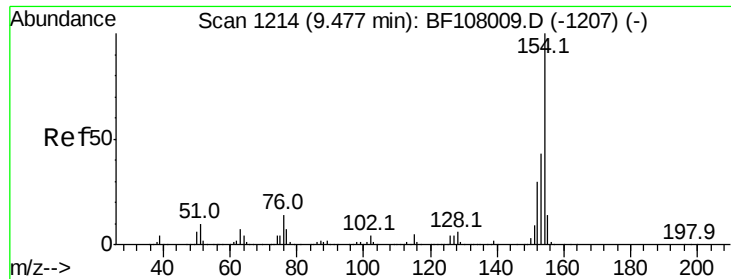
Sohil
 8/27/2018 12:56:33 PM



#44
 2-Fluorobiphenyl
 Concen: 80.083 ng
 RT: 9.36 min Scan# 1194
 Delta R.T. -0.01 min
 Lab File: BF108464.D
 Acq: 24 Aug 2018 15:35

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	1220085		
171	36.6	29.7	44.5	
170	24.7	19.6	29.4	





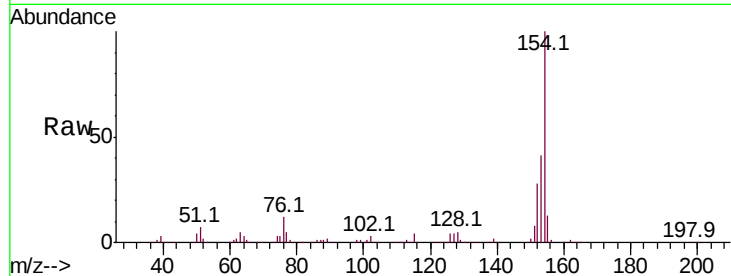
#45
 1,1'-Biphenyl
 Concen: 44.649 ng
 RT: 9.47 min Scan# 1212
 Delta R.T. -0.00 min
 Lab File: BF108464.D
 Acq: 24 Aug 2018 15:35

Instrument :
 BNA_F
 ClientSampleId :
 PB112335BS

Tot Ion	Ratio	Resp	Lower	Upper
154	100			
153	40.6	21.3	61.3	
76	11.5	0.0	34.0	

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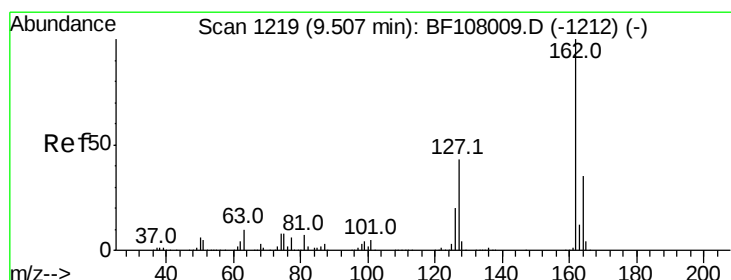
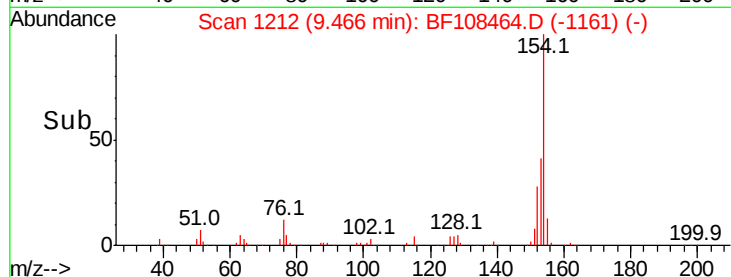
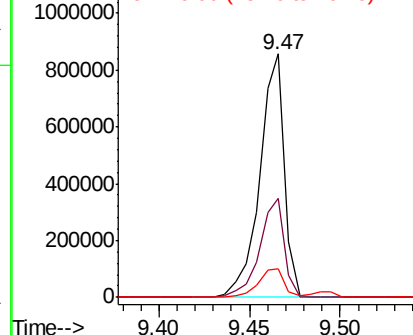


Abundance

Ion 154.00 (153.70 to 154.70): E

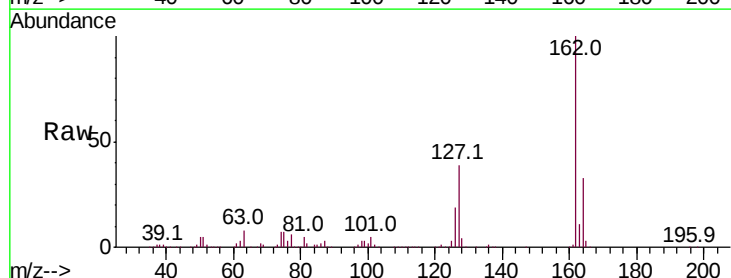
Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF1



#46
 2-Chloronaphthalene
 Concen: 43.126 ng
 RT: 9.50 min Scan# 1217
 Delta R.T. -0.00 min
 Lab File: BF108464.D
 Acq: 24 Aug 2018 15:35

Tgt Ion	Ratio	Resp	Lower	Upper
162	100			
127	39.1	33.9	50.9	
164	33.2	26.5	39.7	

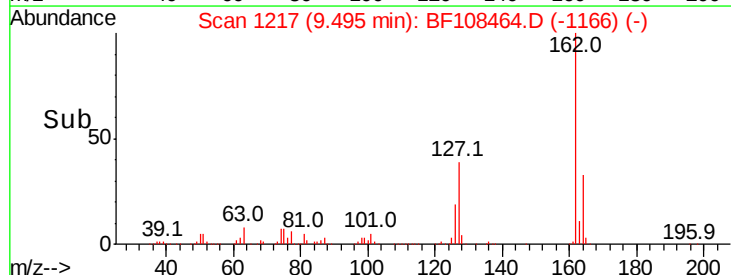
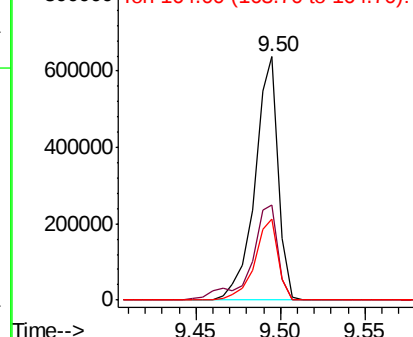


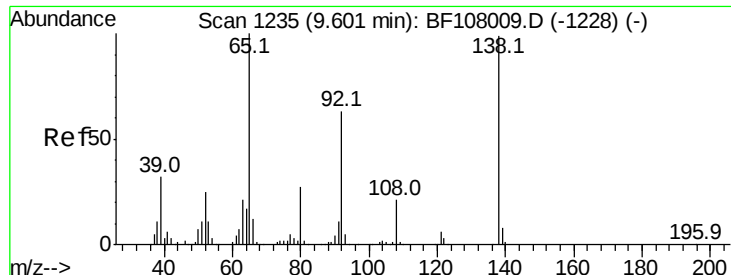
Abundance

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





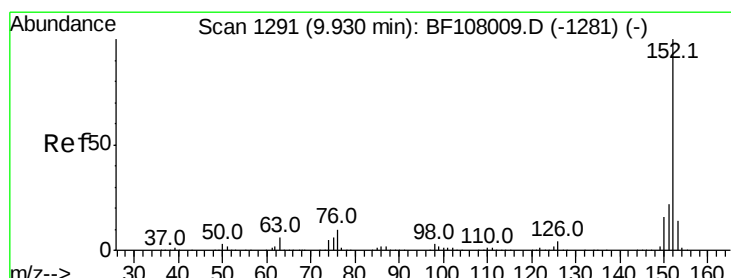
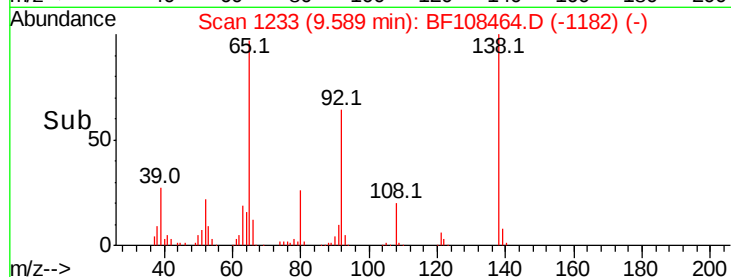
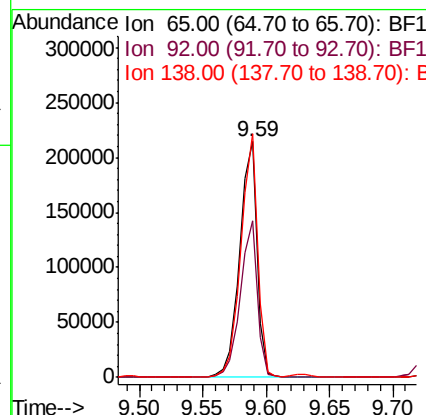
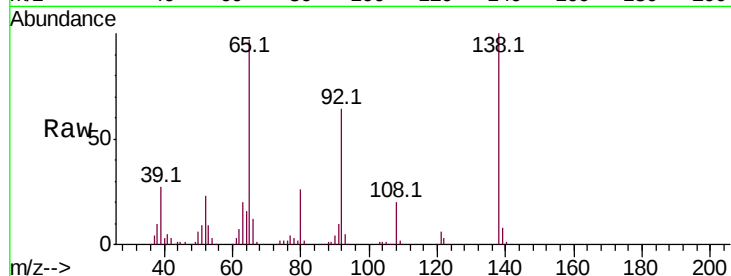
#47
2-Nitroaniline
Concen: 43.608 ng
RT: 9.59 min Scan# 1233
Delta R.T. -0.00 min
Lab File: BF108464.D
Acq: 24 Aug 2018 15:35

Instrument :
BNA_F
ClientSampleId :
PB112335BS

Tot Ion	Ratio	Lower	Upper
65	100		
92	66.5	55.8	83.6
138	103.3	91.2	136.8

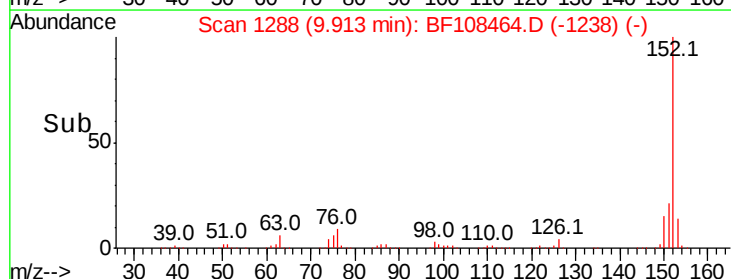
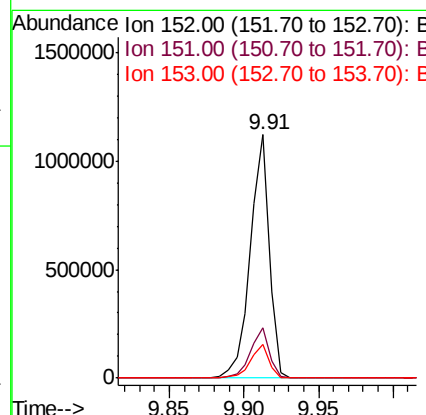
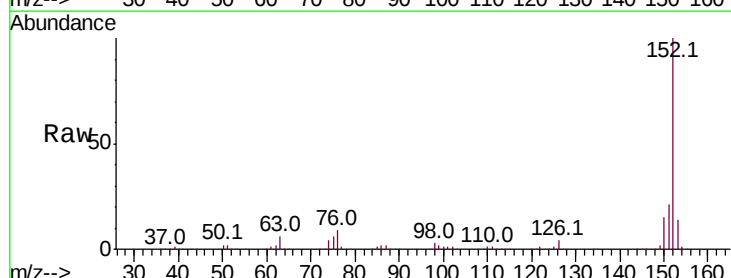
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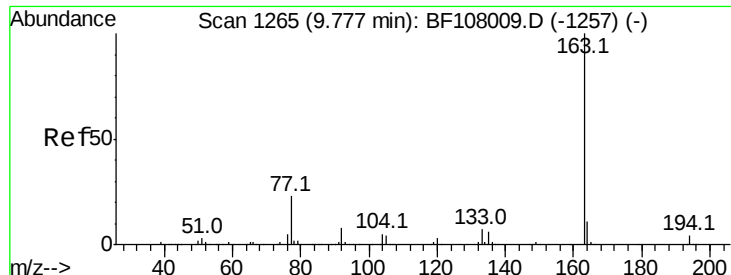
Sohil
8/27/2018 12:56:33 PM



#48
Acenaphthylene
Concen: 43.714 ng
RT: 9.91 min Scan# 1288
Delta R.T. -0.01 min
Lab File: BF108464.D
Acq: 24 Aug 2018 15:35

Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.6	16.3	24.5
153	13.8	10.7	16.1





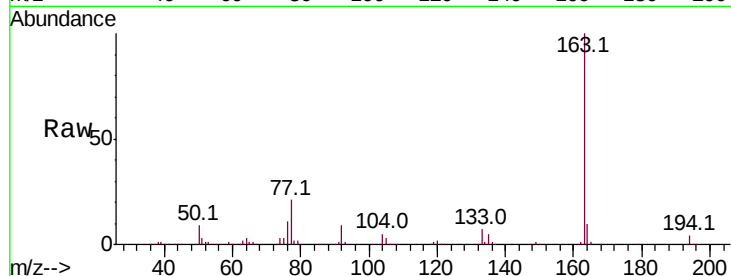
#49
Dimethylphthalate
Concen: 42.896 ng
RT: 9.76 min Scan# 1262
Delta R.T. -0.01 min
Lab File: BF108464.D
Acq: 24 Aug 2018 15:35

Instrument :
BNA_F
ClientSampled :
PB112335BS

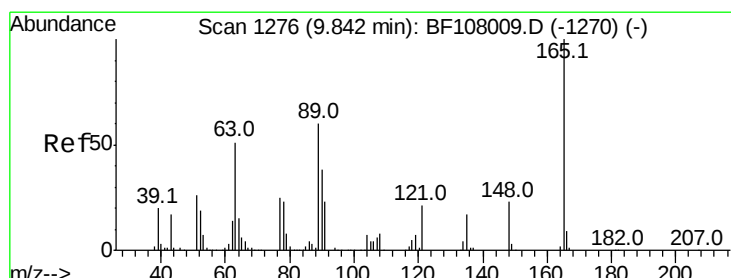
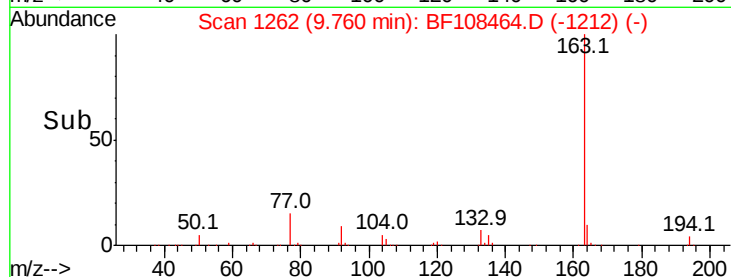
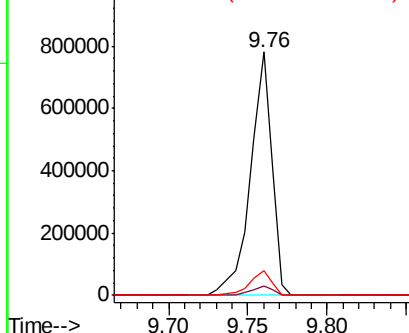
Tot Ion	Ratio	Resp	Lower	Upper
163	100			
194	4.1	2.7	4.1	
164	10.1	8.2	12.2	

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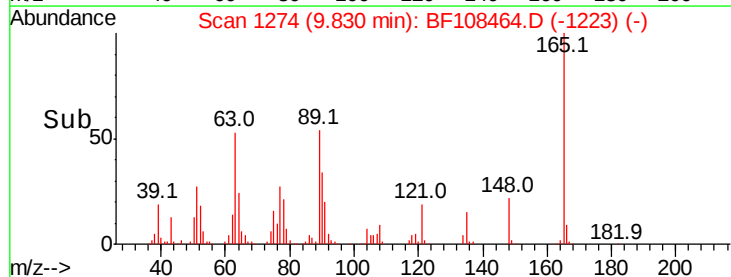
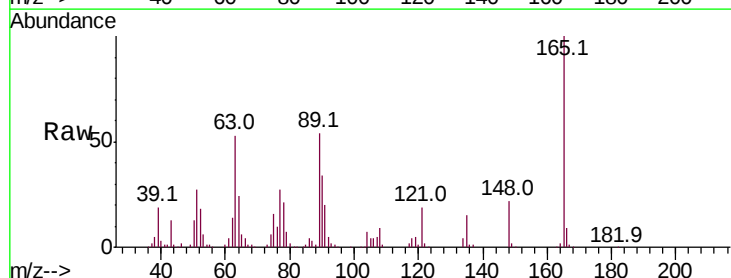
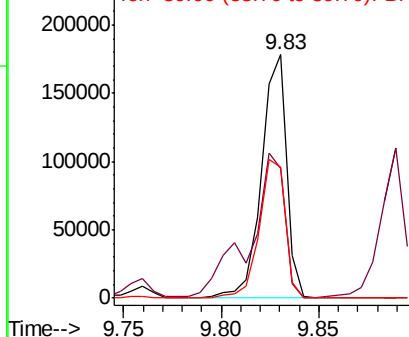
Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E



#50
2,6-Dinitrotoluene
Concen: 44.670 ng
RT: 9.83 min Scan# 1274
Delta R.T. -0.00 min
Lab File: BF108464.D
Acq: 24 Aug 2018 15:35

Tgt Ion	Ratio	Resp	Lower	Upper
165	100			
63	53.2	44.7	67.1	
89	54.0	44.0	66.0	

Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 89.00 (88.70 to 89.70): BF1





#51

Acenaphthene

Concen: 41.409 ng

RT: 10.08 min Scan# 1317

Delta R.T. -0.01 min

Lab File: BF108464.D

Acq: 24 Aug 2018 15:35

Instrument :

BNA_F

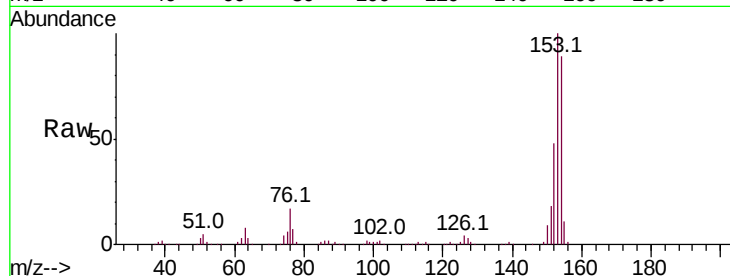
ClientSampleId :

PB112335BS

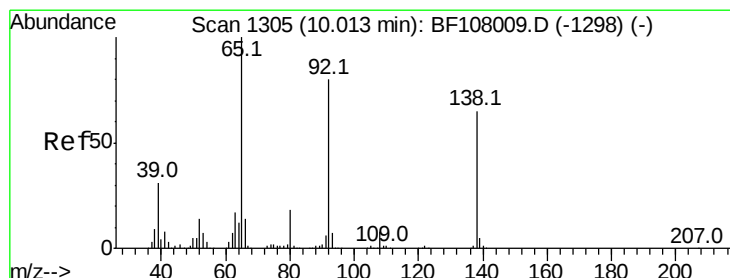
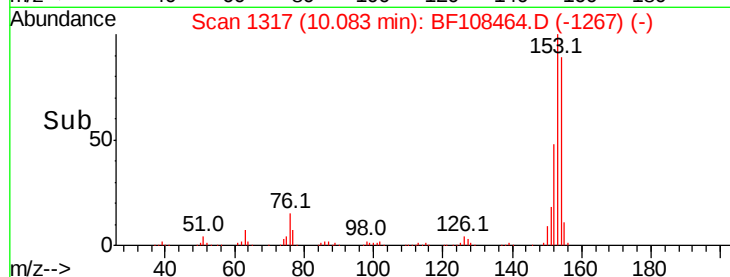
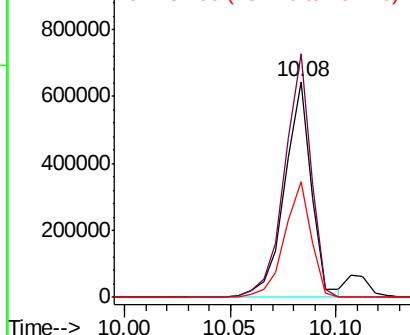
Tot Ion:	154	Resp:	571517
Ion Ratio	Lower	Upper	
154	100		
153	113.0	91.2	136.8
152	53.9	43.8	65.8

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



#52

3-Nitroaniline

Concen: 29.266 ng

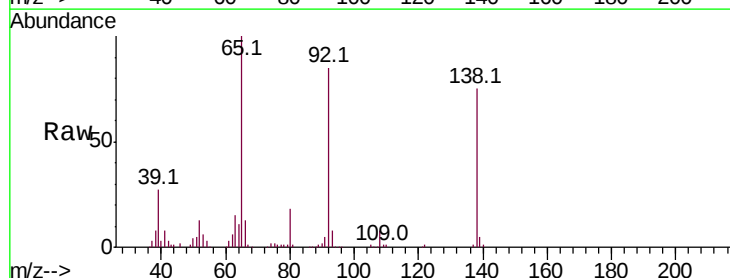
RT: 10.00 min Scan# 1303

Delta R.T. -0.01 min

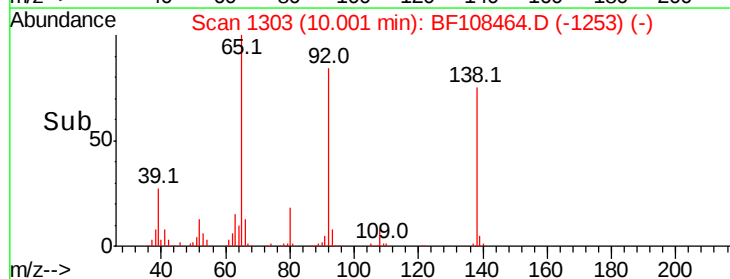
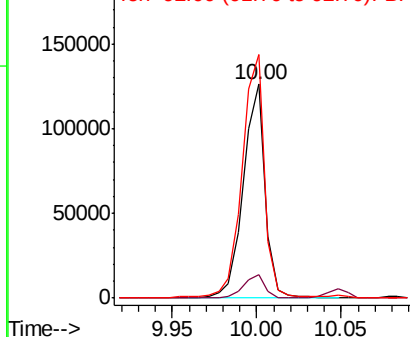
Lab File: BF108464.D

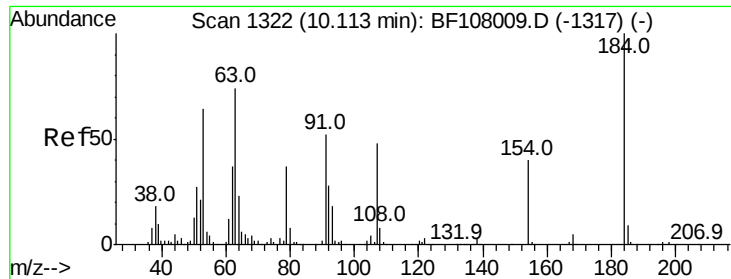
Acq: 24 Aug 2018 15:35

Tgt Ion:	138	Resp:	114147
Ion Ratio	Lower	Upper	
138	100		
108	10.8	9.4	14.0
92	113.9	89.4	134.2



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





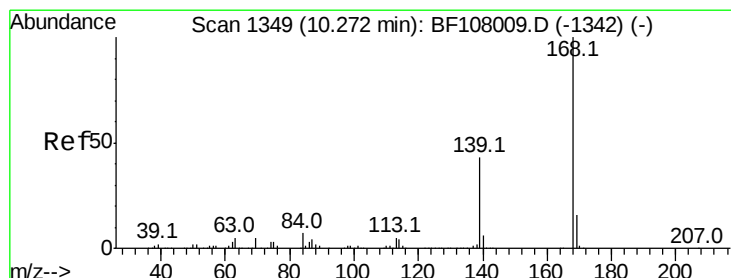
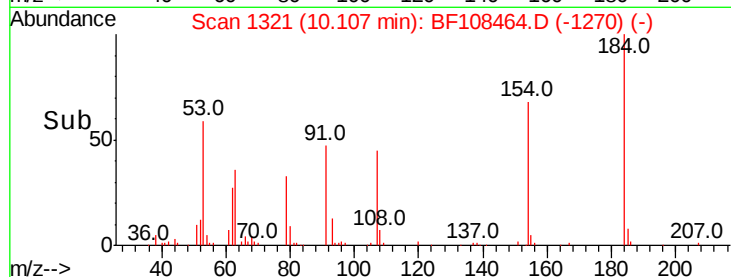
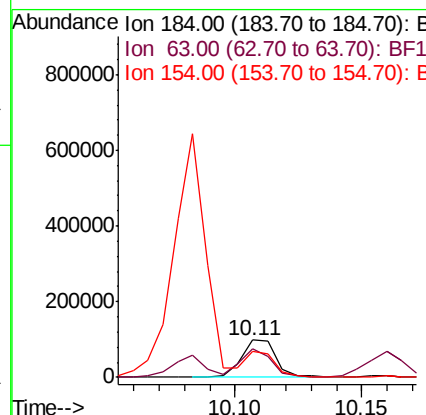
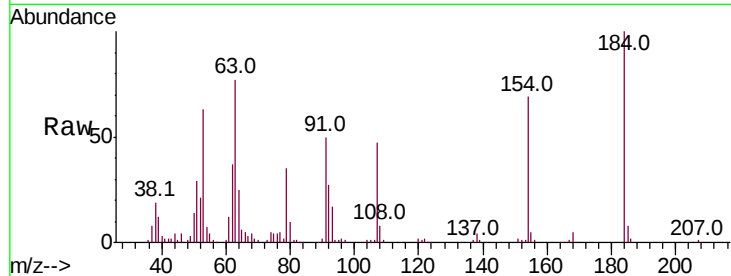
#53
 2,4-Dinitrophenol
 Concen: 72.629 ng
 RT: 10.11 min Scan# 1321
 Delta R.T. -0.00 min
 Lab File: BF108464.D
 Acq: 24 Aug 2018 15:35

Instrument :
 BNA_F
 ClientSampleId :
 PB112335BS

Tot Ion	Ratio	Lower	Upper
184	100		
63	76.7	54.2	81.2
154	68.5	184.0	276.0#

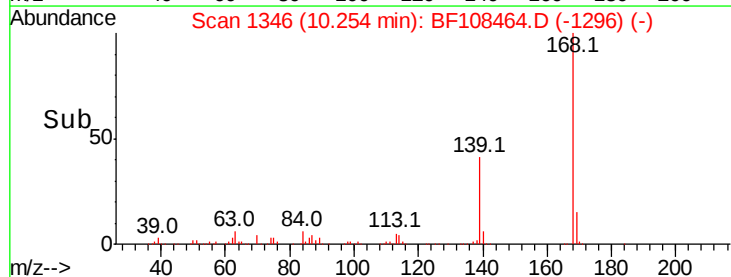
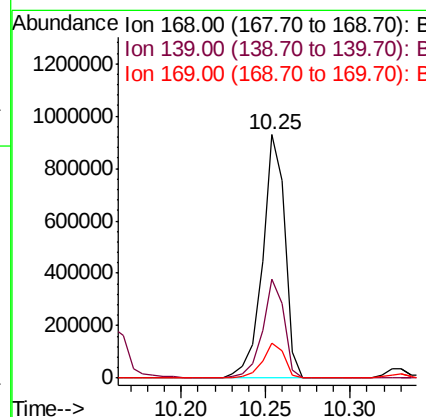
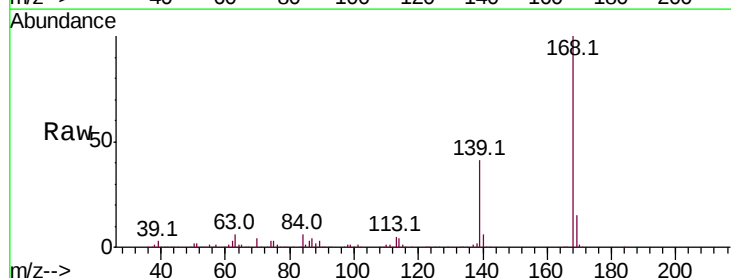
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#54
 Dibenzofuran
 Concen: 42.810 ng
 RT: 10.25 min Scan# 1346
 Delta R.T. -0.01 min
 Lab File: BF108464.D
 Acq: 24 Aug 2018 15:35

Tgt Ion	Ratio	Lower	Upper
168	100		
139	40.6	30.1	45.1
169	14.5	10.9	16.3





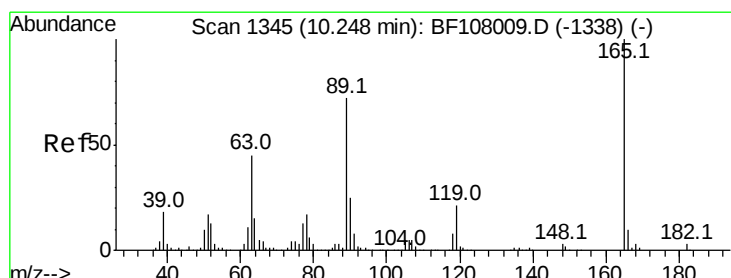
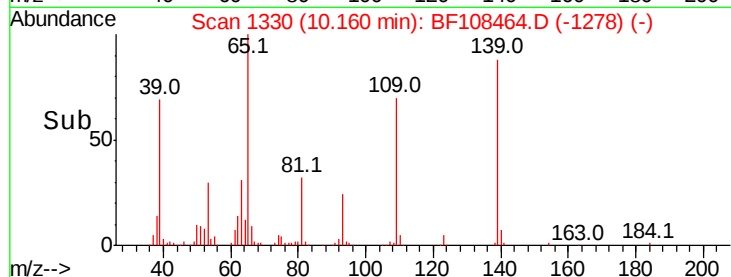
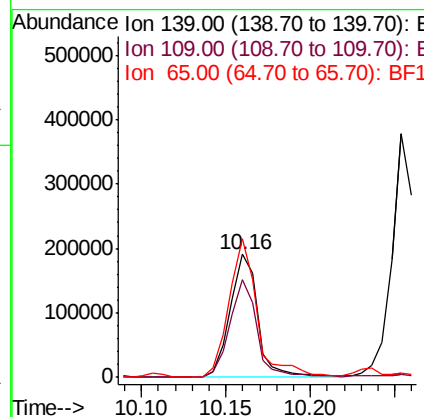
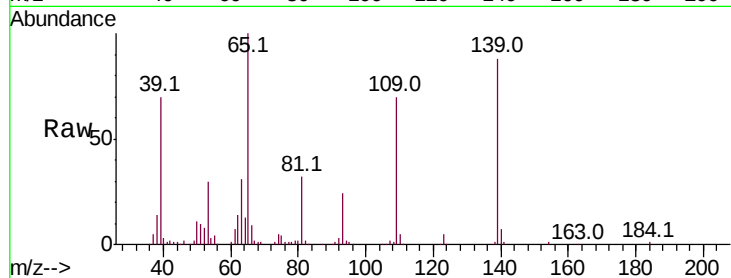
#55
4-Nitrophenol
Concen: 74.276 ng
RT: 10.16 min Scan# 1330
Delta R.T. 0.01 min
Lab File: BF108464.D
Acq: 24 Aug 2018 15:35

Instrument :
BNA_F
ClientSampled :
PB112335BS

Tot Ion	Ratio	Resp	Lower	Upper
139	100	219372		
109	79.0	48.4	88.4	
65	113.2	72.6	112.6	

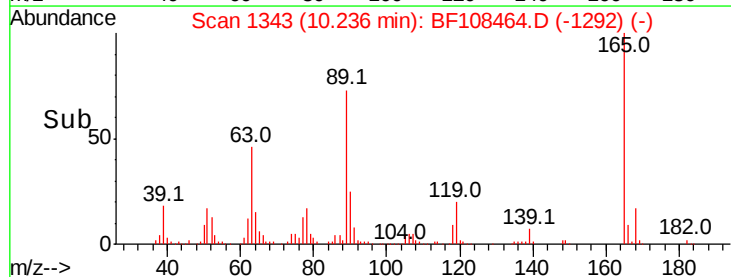
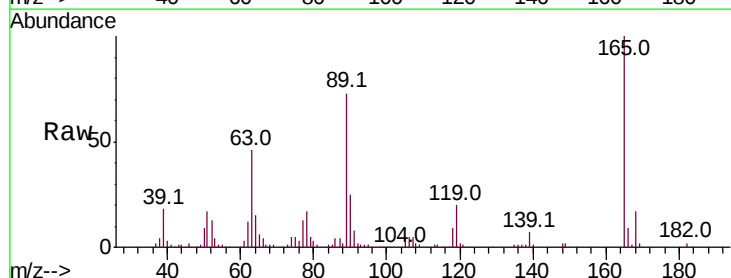
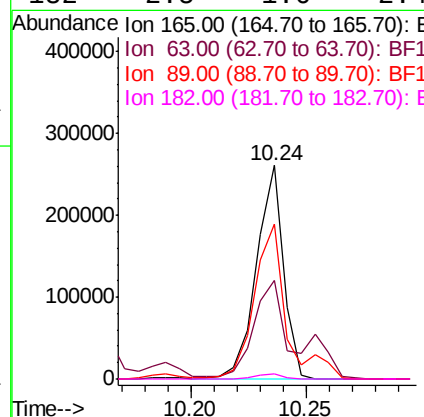
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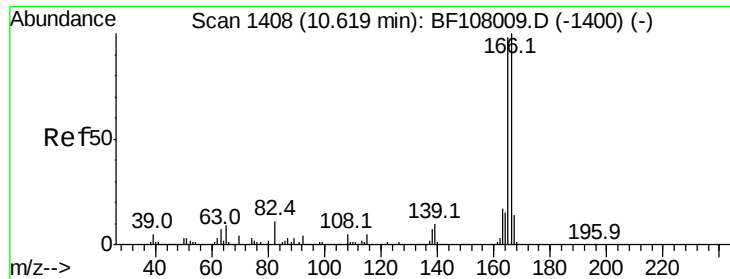
Sohil
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#56
2,4-Dinitrotoluene
Concen: 46.788 ng
RT: 10.24 min Scan# 1343
Delta R.T. -0.00 min
Lab File: BF108464.D
Acq: 24 Aug 2018 15:35

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	214689		
63	46.4	36.4	54.6	
89	72.8	57.8	86.6	
182	2.5	1.6	2.4	





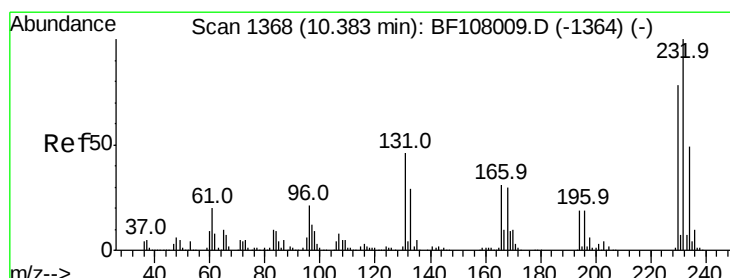
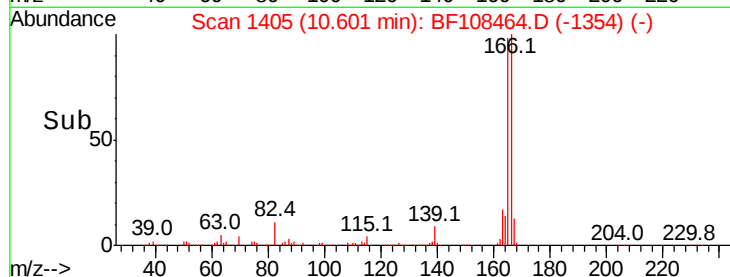
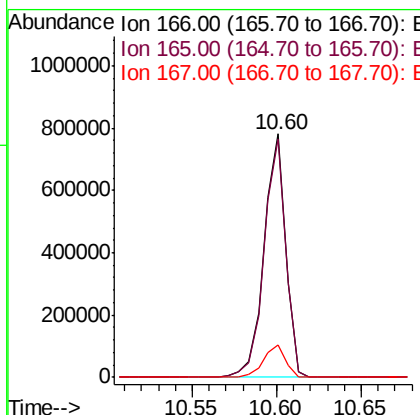
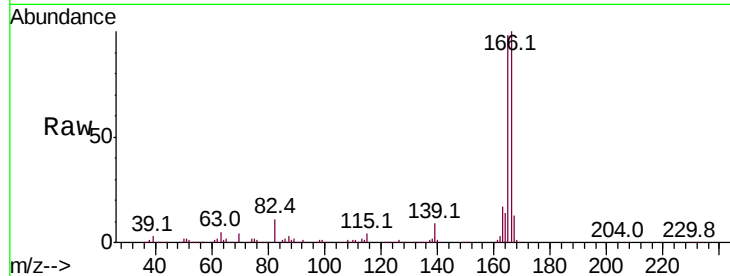
#57
 Fluorene
 Concen: 43.664 ng
 RT: 10.60 min Scan# 1405
 Delta R.T. -0.00 min
 Lab File: BF108464.D
 Acq: 24 Aug 2018 15:35

Instrument :
 BNA_F
 ClientSampleId :
 PB112335BS

Tot Ion	Ratio	Resp	Lower	Upper
166	100	691163		
165	98.2	79.8	119.8	
167	13.3	10.6	16.0	

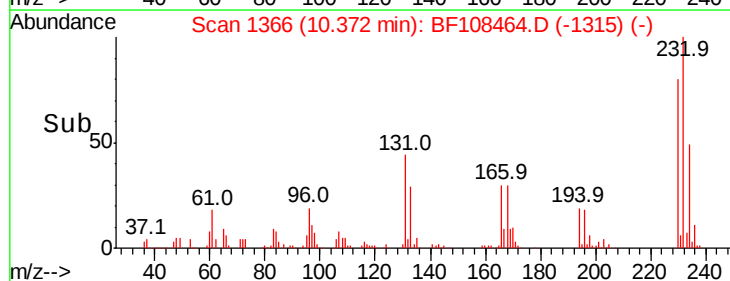
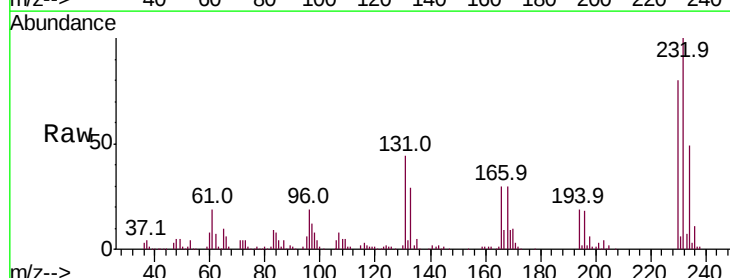
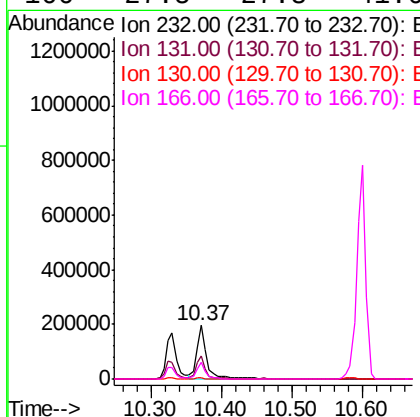
Manual Integrations
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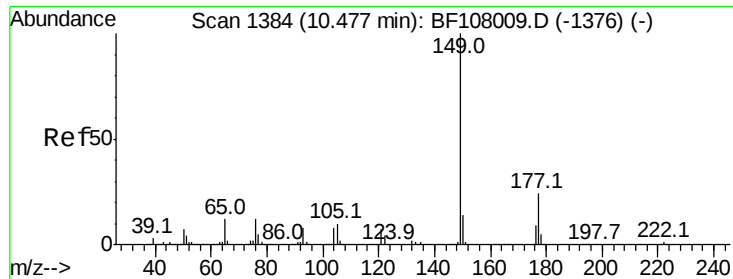
Sohil
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#58
 2,3,4,6-Tetrachlorophenol
 Concen: 46.040 ng
 RT: 10.37 min Scan# 1366
 Delta R.T. -0.00 min
 Lab File: BF108464.D
 Acq: 24 Aug 2018 15:35

Tgt Ion	Ratio	Resp	Lower	Upper
232	100	197451		
131	40.8	43.8	65.8#	
130	2.0	2.1	3.1#	
166	27.5	27.8	41.6#	





#59

Diethylphthalate

Concen: 42.817 ng

RT: 10.46 min Scan# 1381

Delta R.T. -0.00 min

Lab File: BF108464.D

Acq: 24 Aug 2018 15:35

Instrument :

BNA_F

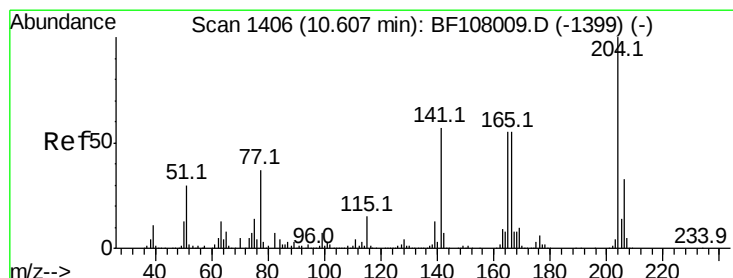
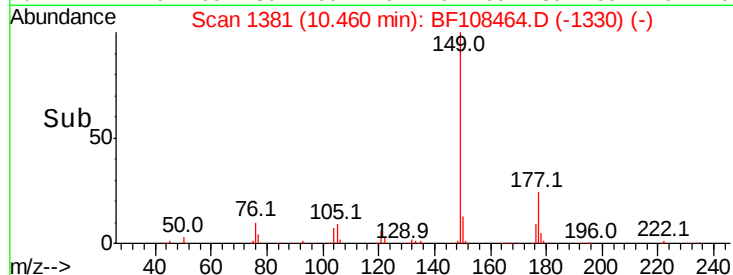
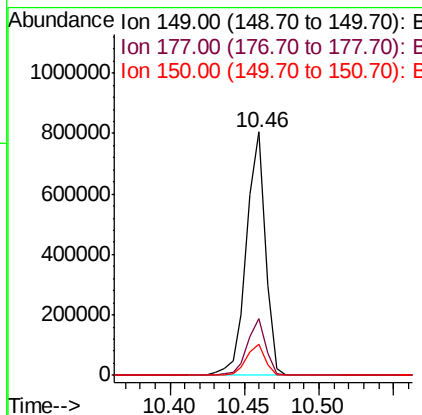
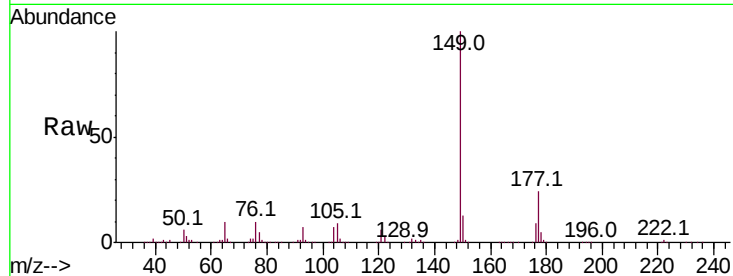
ClientSampleId :

PB112335BS

Tot Ion:	149	Resp:	706427
Ion Ratio	Lower	Upper	
149	100		
177	23.5	16.1	24.1
150	12.8	10.1	15.1

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#60

4-Chlorophenyl-phenylether

Concen: 43.380 ng

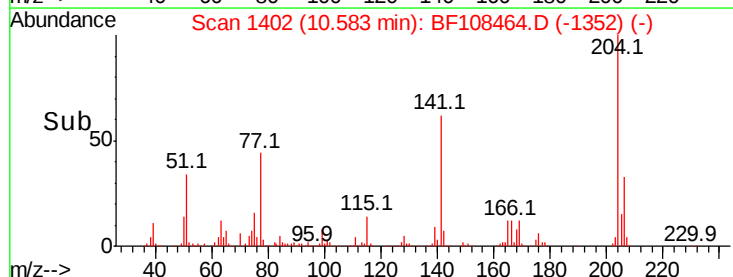
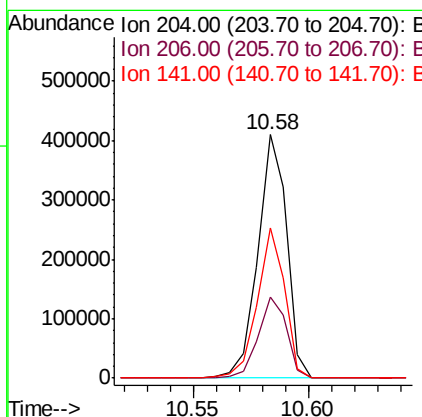
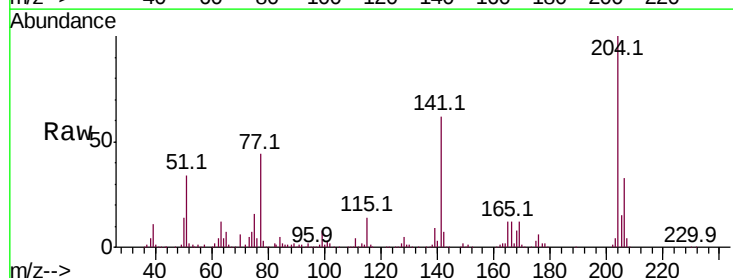
RT: 10.58 min Scan# 1402

Delta R.T. -0.01 min

Lab File: BF108464.D

Acq: 24 Aug 2018 15:35

Tgt Ion:	204	Resp:	357798
Ion Ratio	Lower	Upper	
204	100		
206	33.1	26.5	39.7
141	61.6	54.6	81.8





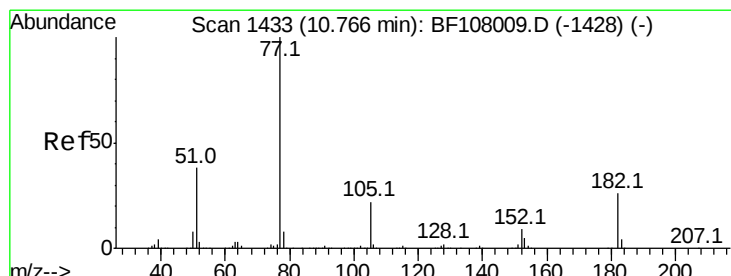
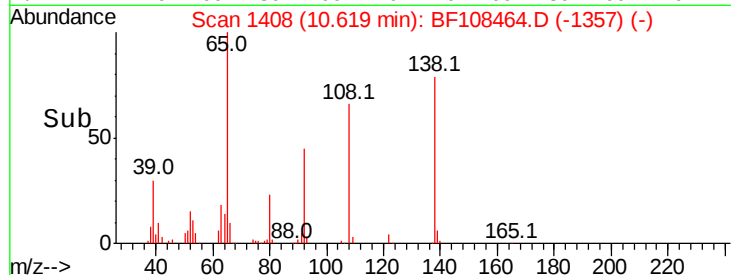
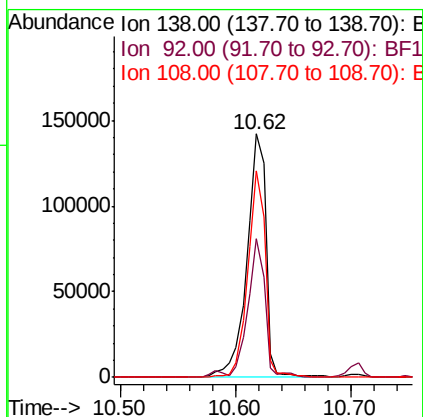
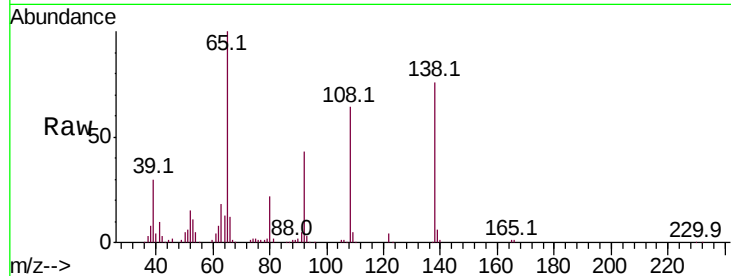
#61
4-Nitroaniline
Concen: 42.099 ng
RT: 10.62 min Scan# 1408
Delta R.T. -0.00 min
Lab File: BF108464.D
Acq: 24 Aug 2018 15:35

Instrument :
BNA_F
ClientSampleId :
PB112335BS

Tot Ion	Ratio	Lower	Upper
138	100		
92	56.8	30.2	70.2
108	84.6	52.5	92.5

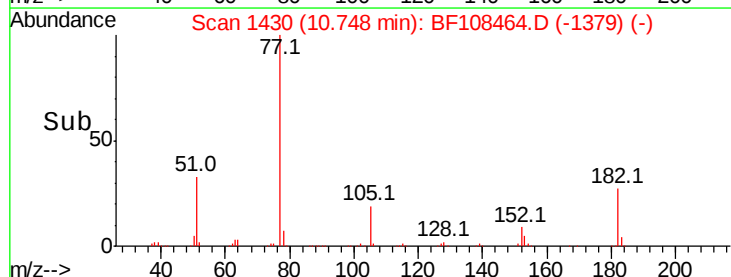
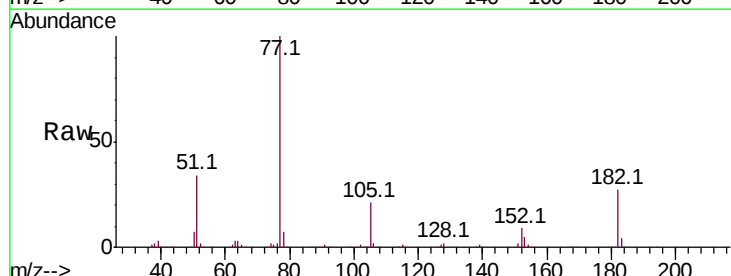
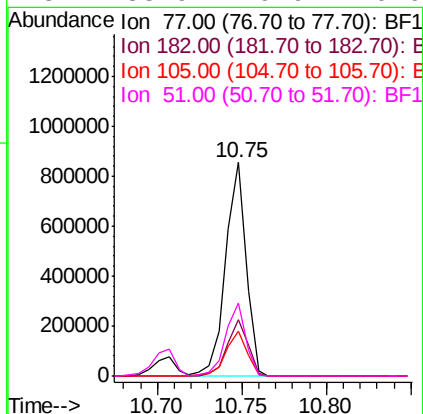
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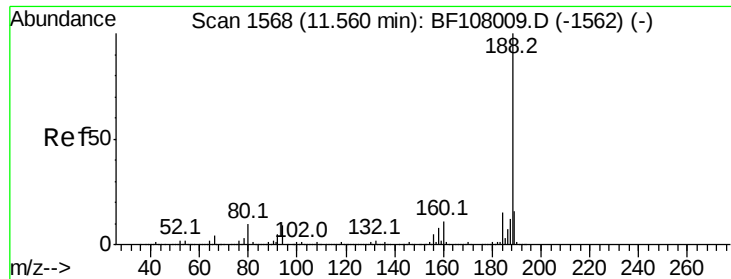
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#62
Azobenzene
Concen: 42.379 ng
RT: 10.75 min Scan# 1430
Delta R.T. -0.00 min
Lab File: BF108464.D
Acq: 24 Aug 2018 15:35

Tgt Ion	Ratio	Lower	Upper
77	100		
182	26.7	1.7	41.7
105	20.9	3.0	43.0
51	33.9	9.9	49.9





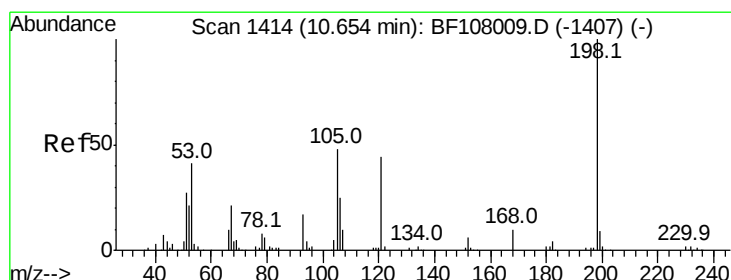
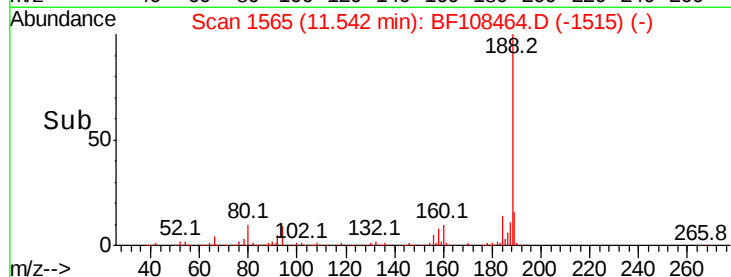
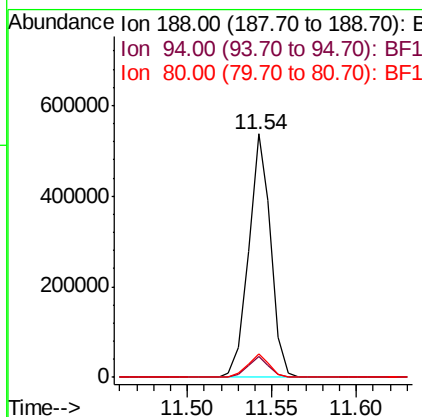
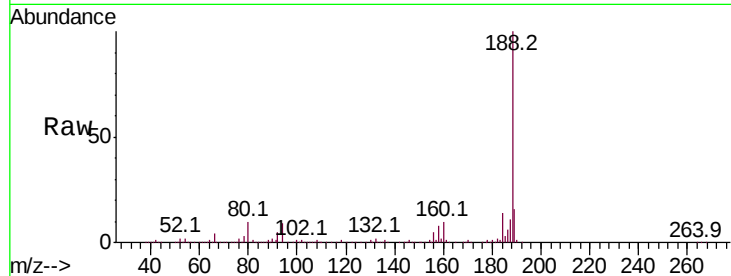
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.54 min Scan# 1565
Delta R.T. -0.01 min
Lab File: BF108464.D
Acq: 24 Aug 2018 15:35

Instrument :
BNA_F
ClientSampleId :
PB112335BS

Tot Ion	Ratio	Resp	Lower	Upper
188	100	488898		
94	8.8		8.5	12.7
80	9.8		9.2	13.8

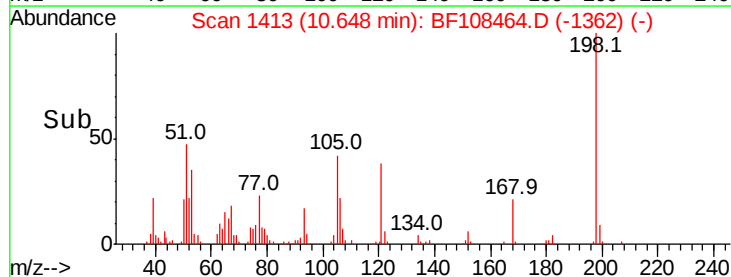
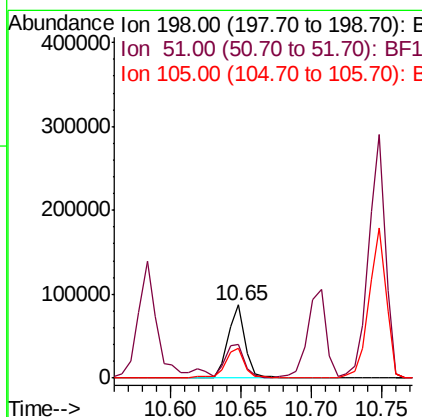
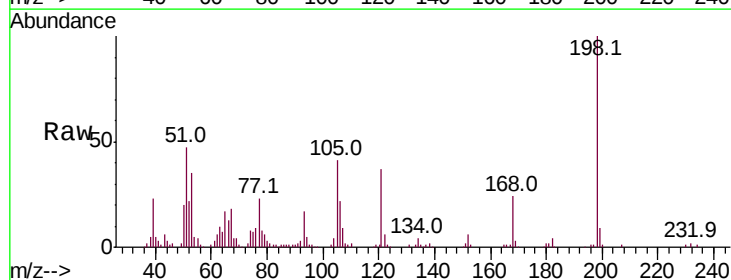
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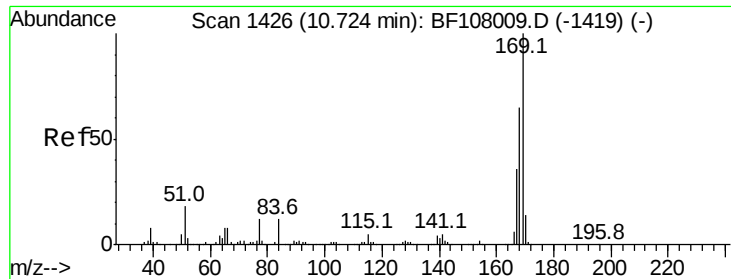
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#64
4,6-Dinitro-2-methylphenol
Concen: 40.896 ng
RT: 10.65 min Scan# 1413
Delta R.T. -0.00 min
Lab File: BF108464.D
Acq: 24 Aug 2018 15:35

Tgt Ion	Ratio	Resp	Lower	Upper
198	100	73427		
51	47.0		37.7	77.7
105	41.1		36.3	76.3





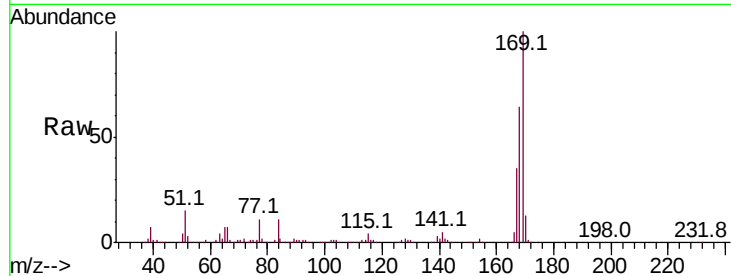
#65
 n-Nitrosodiphenylamine
 Concen: 43.250 ng
 RT: 10.71 min Scan# 1423
 Delta R.T. -0.00 min
 Lab File: BF108464.D
 Acq: 24 Aug 2018 15:35

Instrument :
 BNA_F
 ClientSampleId :
 PB112335BS

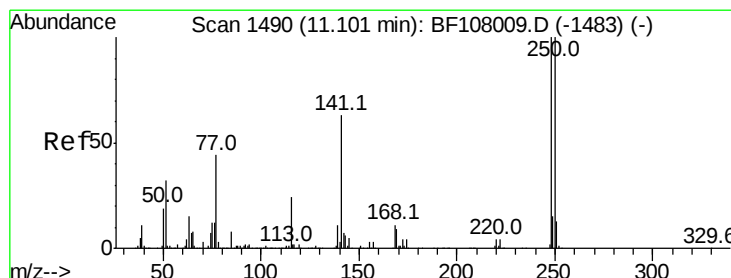
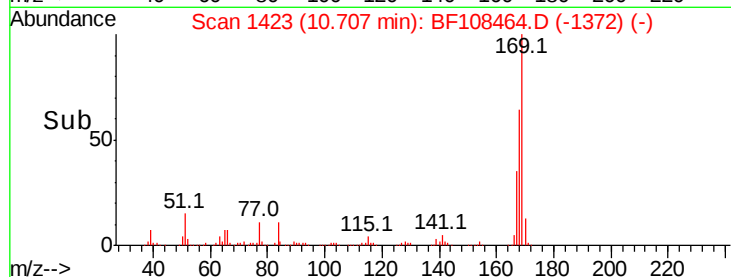
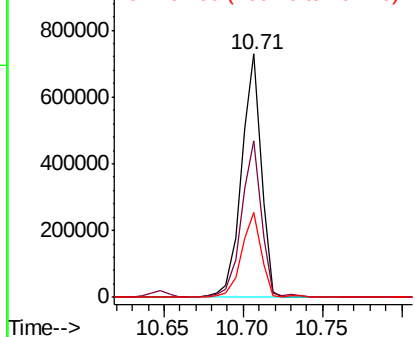
Tot Ion	Ratio	Resp	Lower	Upper
169	100	624856		
168	64.2		54.4	81.6
167	34.8		29.8	44.6

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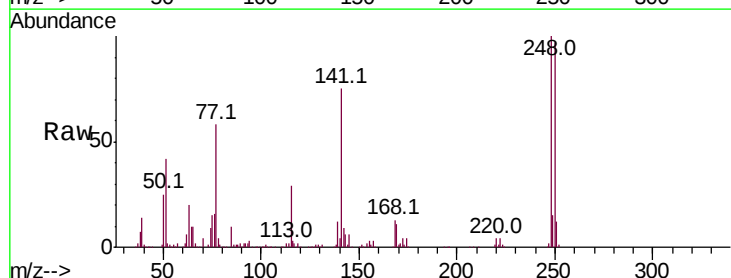


Abundance Ion 169.00 (168.70 to 169.70): E
 1000000
 Ion 168.00 (167.70 to 168.70): E
 Ion 167.00 (166.70 to 167.70): E

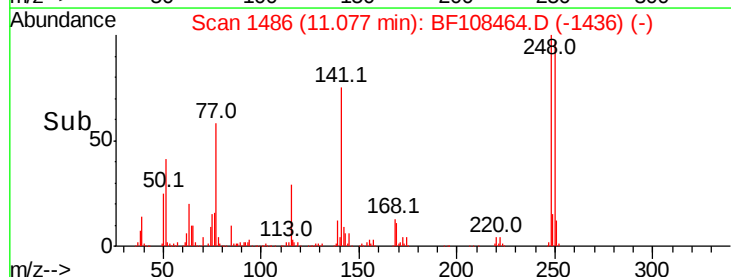
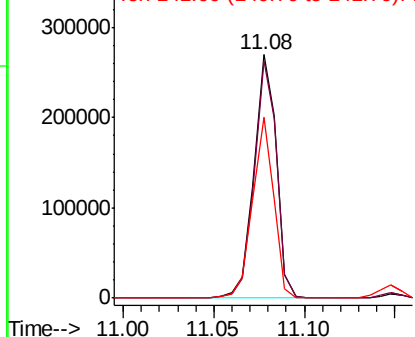


#66
 4-Bromophenyl-phenylether
 Concen: 43.313 ng
 RT: 11.08 min Scan# 1486
 Delta R.T. -0.01 min
 Lab File: BF108464.D
 Acq: 24 Aug 2018 15:35

Tgt Ion	Ratio	Resp	Lower	Upper
248	100	230124		
250	97.4		76.9	115.3
141	74.5		74.4	111.6



Abundance Ion 248.00 (247.70 to 248.70): E
 300000
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E





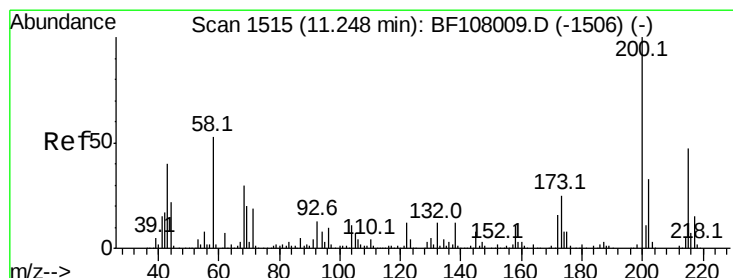
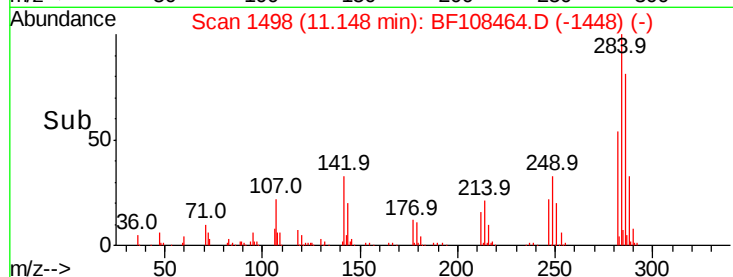
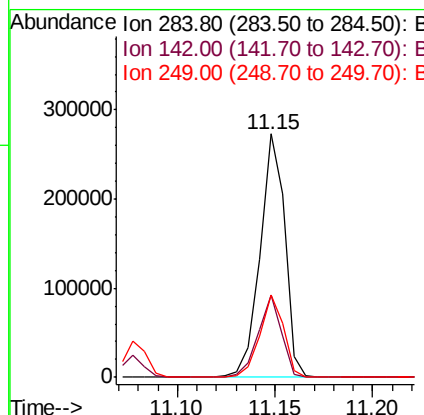
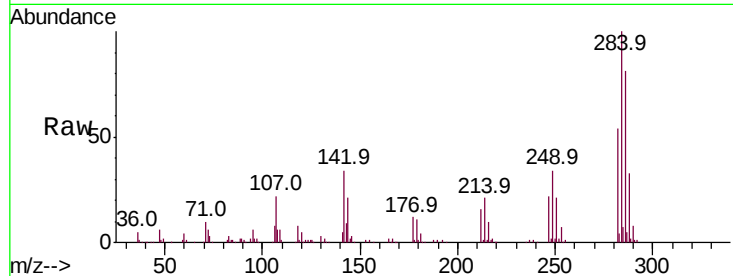
#67
Hexachlorobenzene
Concen: 42.934 ng
RT: 11.15 min Scan# 1498
Delta R.T. -0.01 min
Lab File: BF108464.D
Acq: 24 Aug 2018 15:35

Instrument :
BNA_F
ClientSampleId :
PB112335BS

Tot Ion	Ratio	Resp	Lower	Upper
284	100	240010		
142	33.6		34.6	52.0#
249	33.7		24.8	37.2

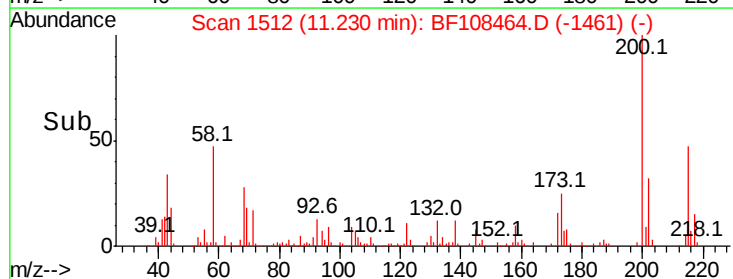
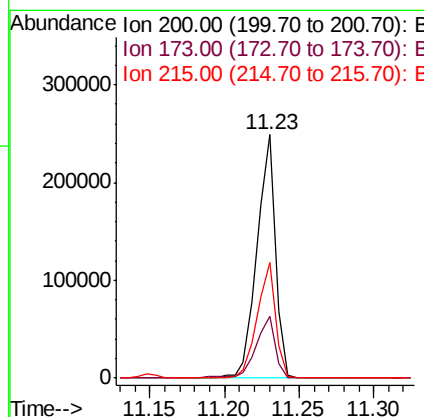
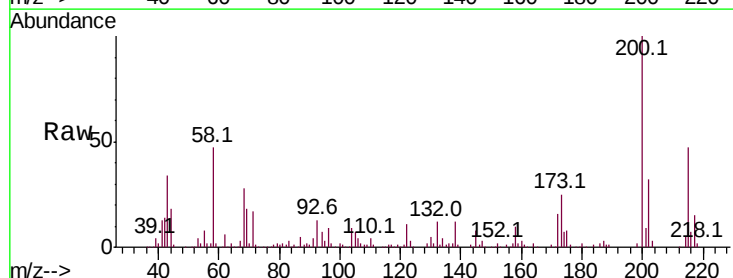
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#68
Atrazine
Concen: 43.797 ng
RT: 11.23 min Scan# 1512
Delta R.T. -0.00 min
Lab File: BF108464.D
Acq: 24 Aug 2018 15:35

Tgt Ion	Ratio	Resp	Lower	Upper
200	100	212227		
173	25.3		8.6	48.6
215	47.3		25.1	65.1





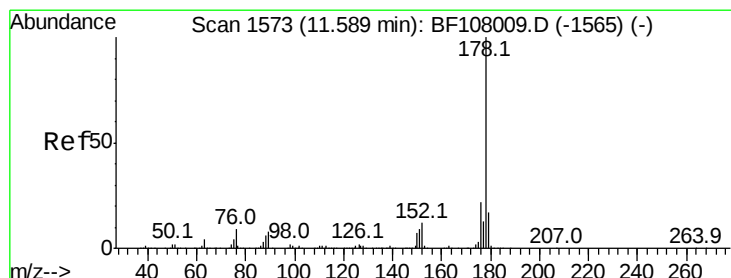
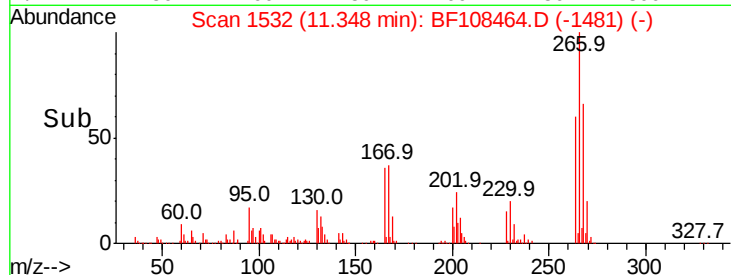
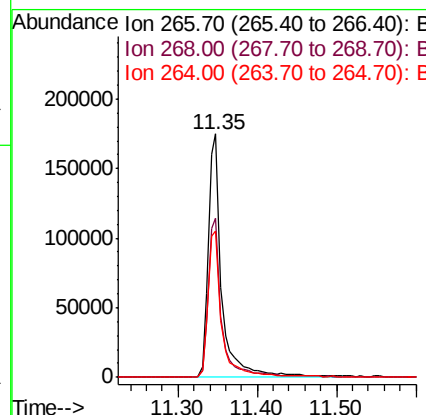
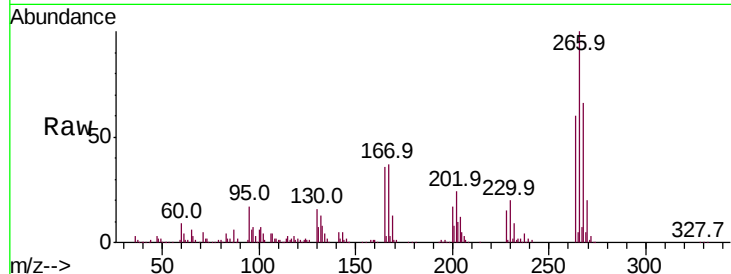
#69
 Pentachlorophenol
 Concen: 79.024 ng
 RT: 11.35 min Scan# 1532
 Delta R.T. -0.00 min
 Lab File: BF108464.D
 Acq: 24 Aug 2018 15:35

Instrument :
 BNA_F
 ClientSampleId :
 PB112335BS

Tot Ion	Ratio	Resp	Lower	Upper
266	100	211444		
268	65.5	51.1	76.7	
264	60.2	49.5	74.3	

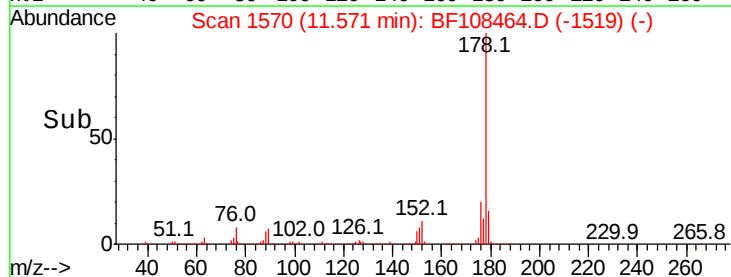
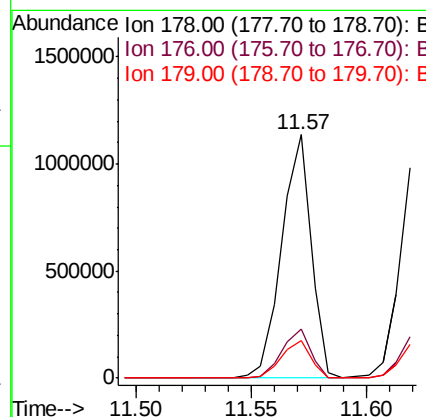
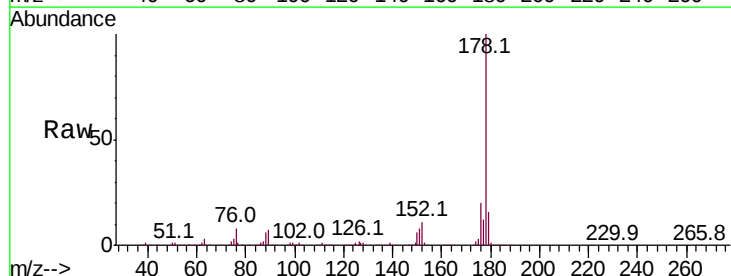
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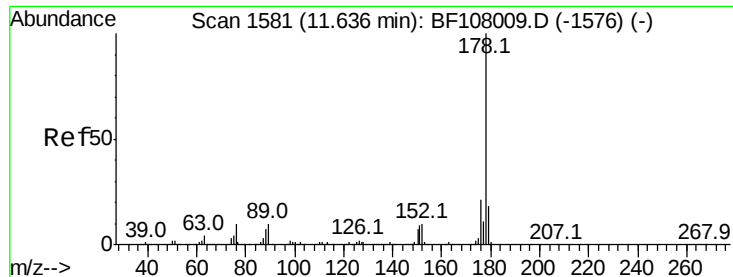
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#70
 Phenanthrene
 Concen: 43.567 ng
 RT: 11.57 min Scan# 1570
 Delta R.T. -0.00 min
 Lab File: BF108464.D
 Acq: 24 Aug 2018 15:35

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	1004629		
176	19.9	15.8	23.8	
179	15.6	13.0	19.6	





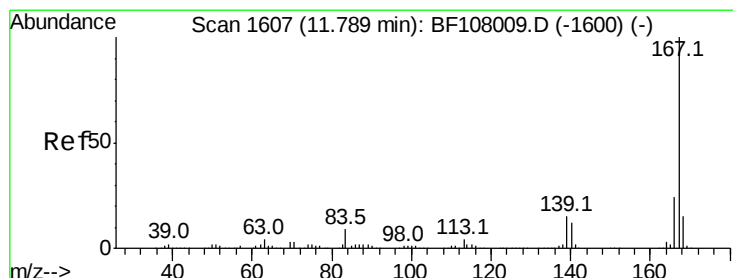
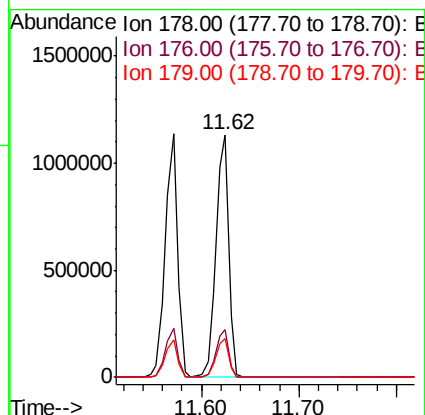
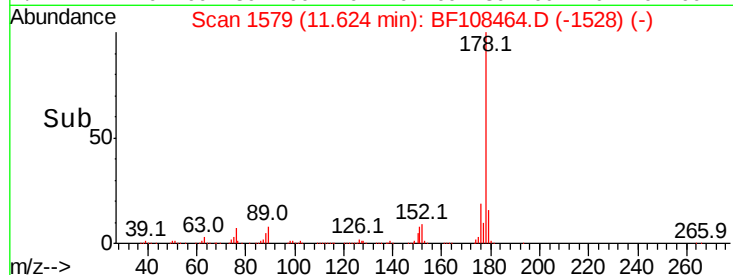
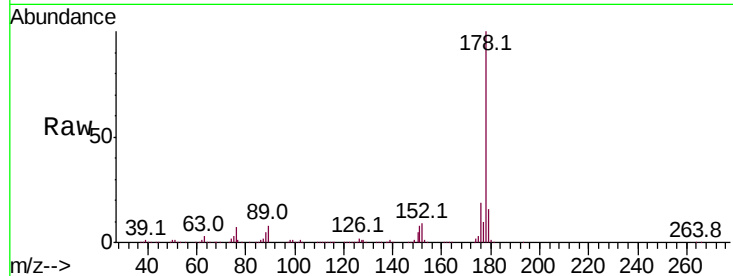
#71
 Anthracene
 Concen: 43.385 ng
 RT: 11.62 min Scan# 1579
 Delta R.T. -0.00 min
 Lab File: BF108464.D
 Acq: 24 Aug 2018 15:35

Instrument :
 BNA_F
 ClientSampleId :
 PB112335BS

Tot Ion:178	Resp: 1025370
Ion Ratio	Lower Upper
178 100	
176 19.4	15.4 23.2
179 15.8	12.6 19.0

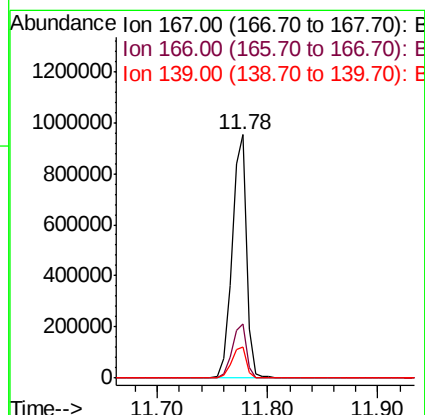
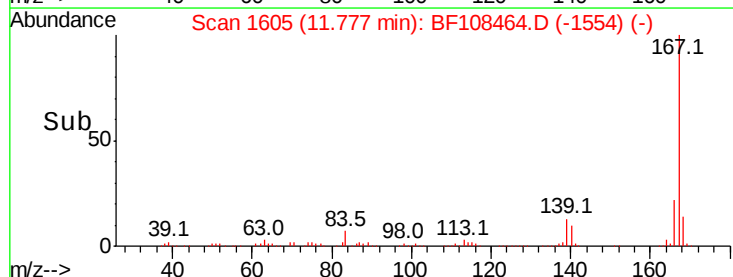
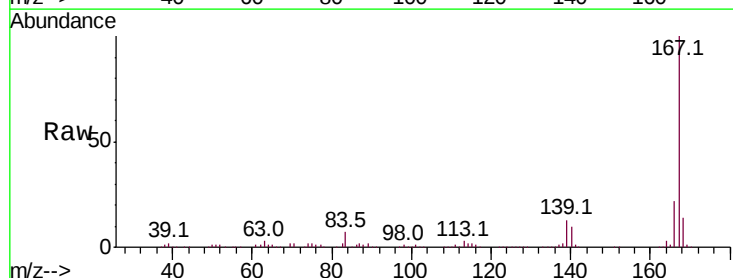
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#72
 Carbazole
 Concen: 41.577 ng
 RT: 11.78 min Scan# 1605
 Delta R.T. -0.00 min
 Lab File: BF108464.D
 Acq: 24 Aug 2018 15:35

Tgt Ion:167	Resp: 873051
Ion Ratio	Lower Upper
167 100	
166 22.5	17.6 26.4
139 13.0	10.9 16.3





#73

Di-n-butylphthalate

Concen: 46.149 ng

RT: 12.09 min Scan# 1658

Delta R.T. -0.00 min

Lab File: BF108464.D

Acq: 24 Aug 2018 15:35

Instrument :

BNA_F

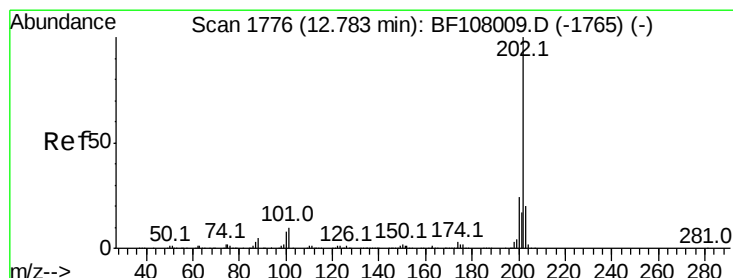
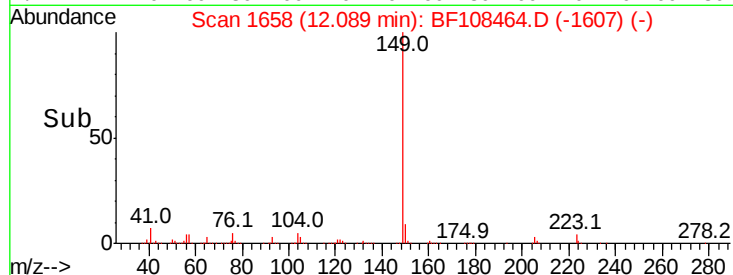
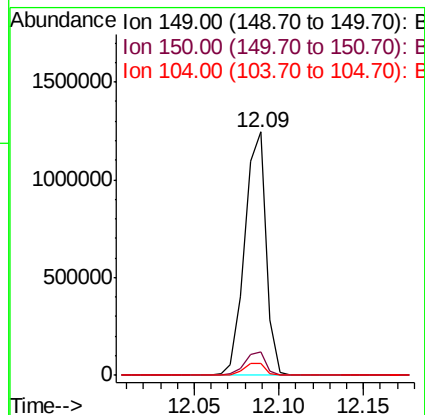
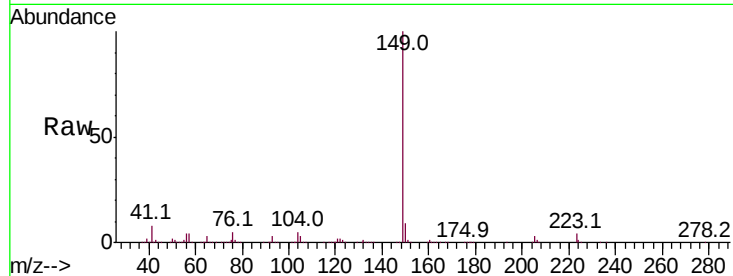
ClientSampleId :

PB112335BS

Tot Ion:	149	Resp:	1097648
Ion Ratio	Lower	Upper	
149	100		
150	9.4	7.8	11.6
104	5.1	3.8	5.8

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#74

Fluoranthene

Concen: 42.292 ng

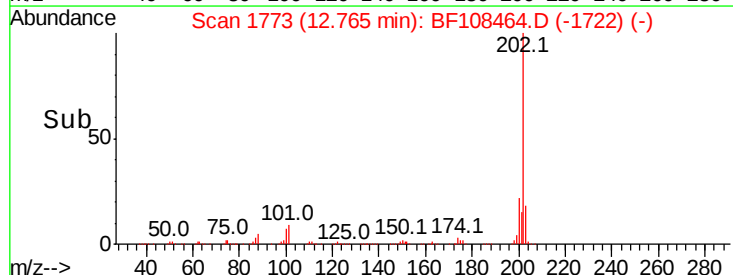
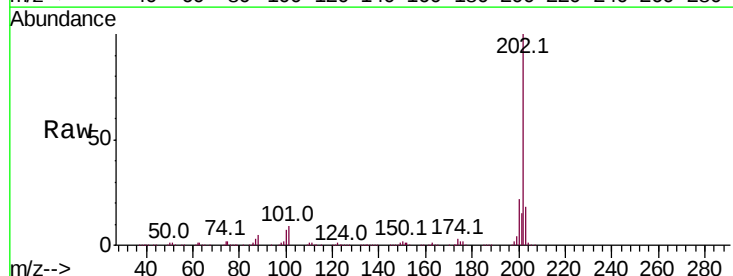
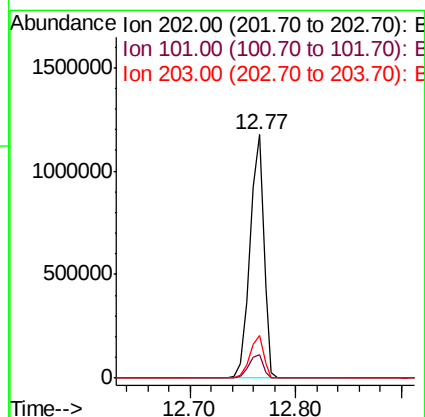
RT: 12.77 min Scan# 1773

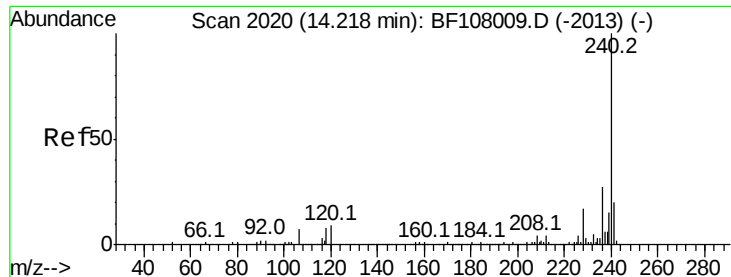
Delta R.T. -0.00 min

Lab File: BF108464.D

Acq: 24 Aug 2018 15:35

Tgt Ion:	202	Resp:	1064345
Ion Ratio	Lower	Upper	
202	100		
101	9.4	0.0	34.1
203	17.7	0.0	38.1





#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.19 min Scan# 2016

Delta R.T. -0.01 min

Lab File: BF108464.D

Acq: 24 Aug 2018 15:35

Instrument :

BNA_F

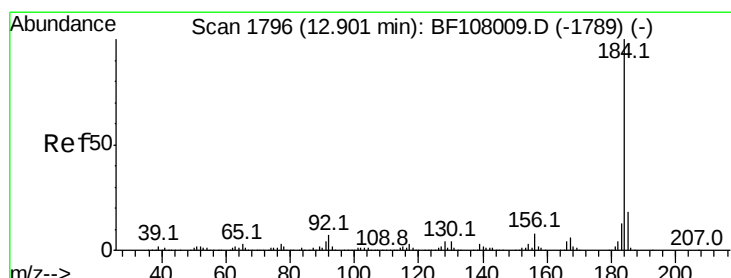
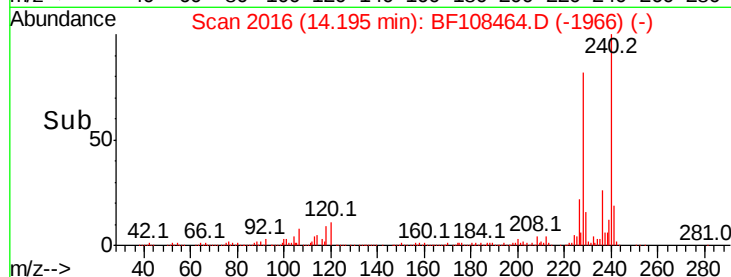
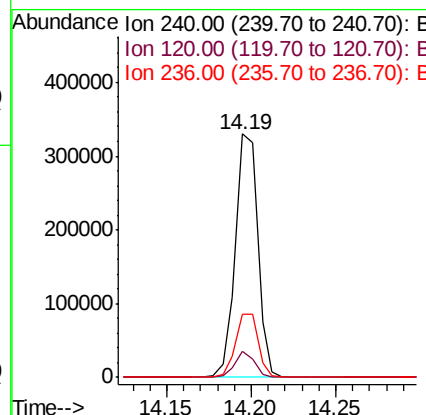
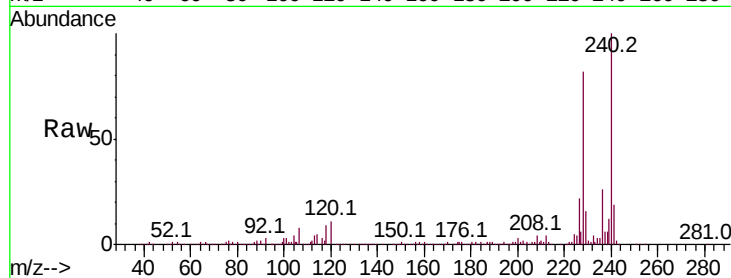
ClientSampleId :

PB112335BS

Tot Ion:	240	Resp:	304583
Ion Ratio	Lower	Upper	
240	100		
120	10.8	9.5	14.3
236	25.8	20.7	31.1

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#76

Benzidine

Concen: 42.815 ng

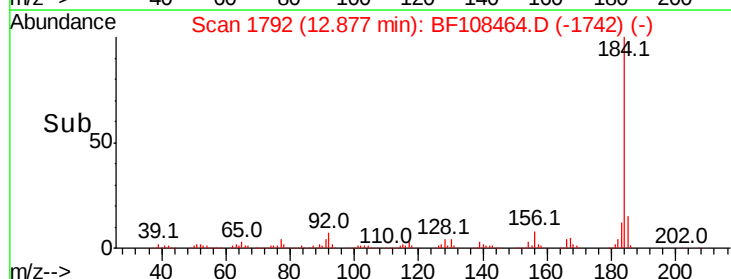
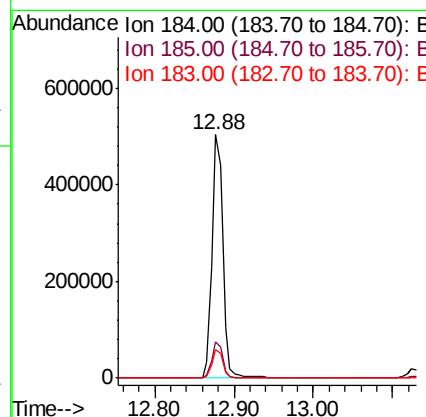
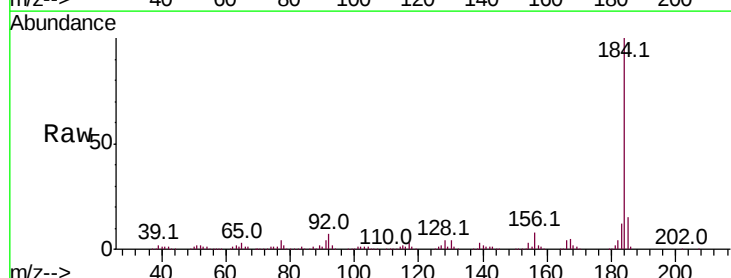
RT: 12.88 min Scan# 1792

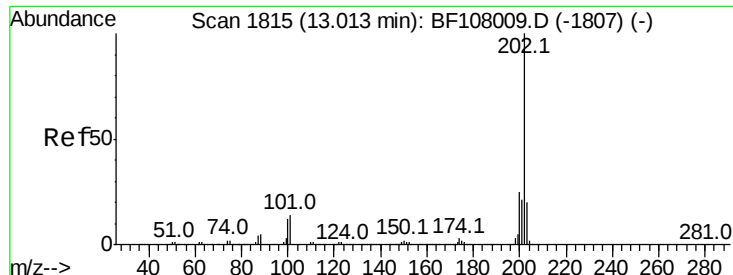
Delta R.T. -0.01 min

Lab File: BF108464.D

Acq: 24 Aug 2018 15:35

Tgt Ion:	184	Resp:	487232
Ion Ratio	Lower	Upper	
184	100		
185	15.1	12.6	18.8
183	12.0	9.3	13.9





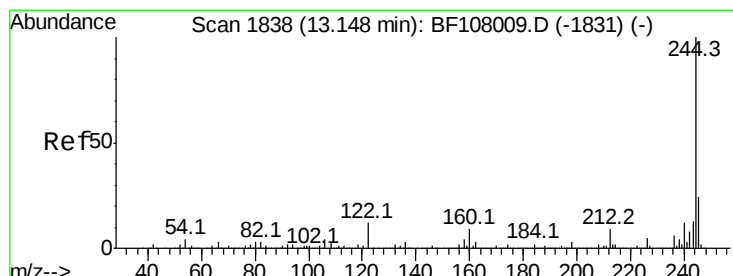
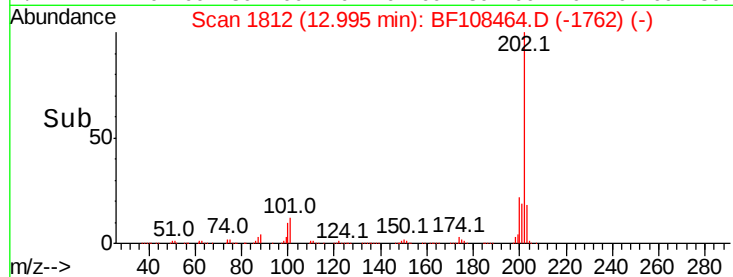
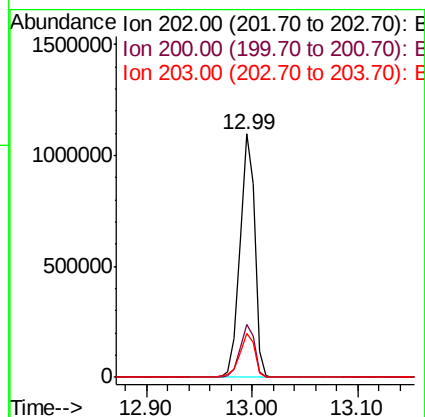
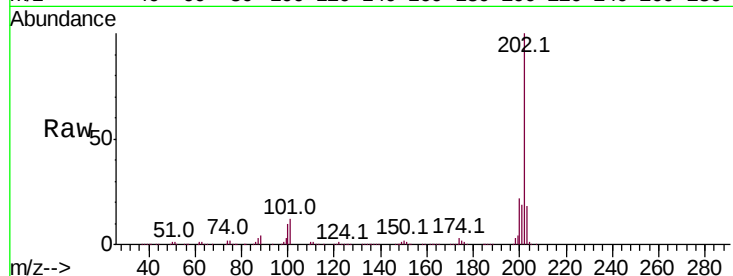
#77
Pvrene
Concen: 53.566 ng
RT: 12.99 min Scan# 1812
Delta R.T. -0.01 min
Lab File: BF108464.D
Acq: 24 Aug 2018 15:35

Instrument :
BNA_F
ClientSampled :
PB112335BS

Tot Ion	Ratio	Lower	Upper
202	100		
200	21.8	17.4	26.2
203	18.0	14.3	21.5

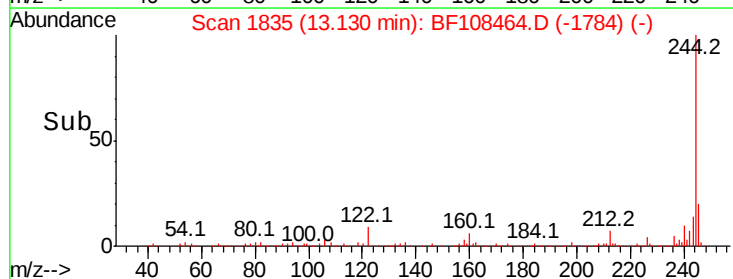
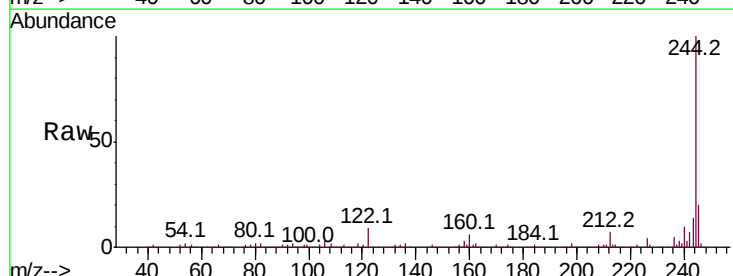
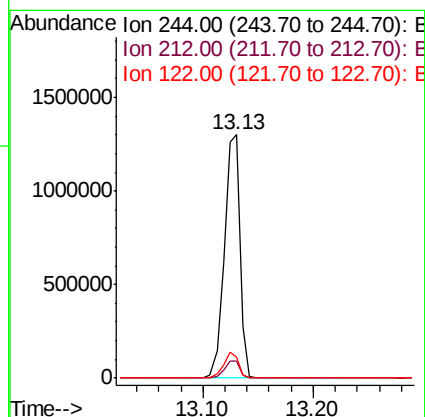
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#78
Terphenyl-d14
Concen: 107.477 ng
RT: 13.13 min Scan# 1835
Delta R.T. -0.00 min
Lab File: BF108464.D
Acq: 24 Aug 2018 15:35

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.1	5.4	8.0
122	8.6	11.0	16.4





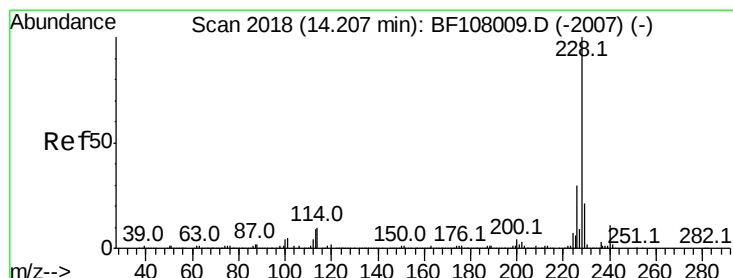
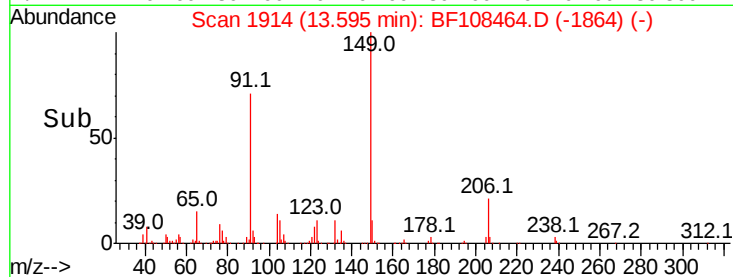
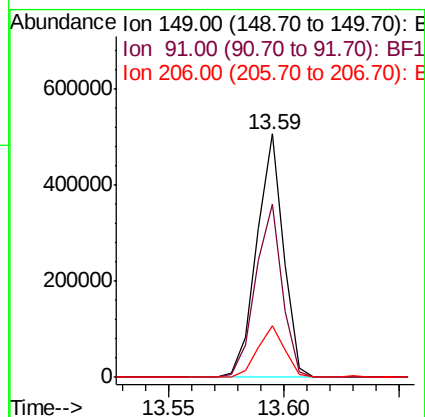
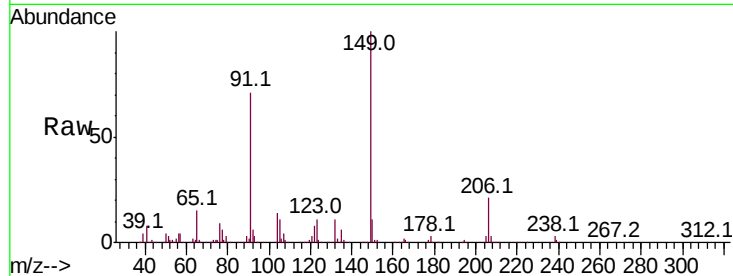
#79
Butylbenzylphthalate
Concen: 53.545 ng
RT: 13.59 min Scan# 1914
Delta R.T. -0.01 min
Lab File: BF108464.D
Acq: 24 Aug 2018 15:35

Instrument :
BNA_F
ClientSampleId :
PB112335BS

Tot Ion	Ratio	Resp	Lower	Upper
149	100	409997		
91	71.4	56.8	85.2	
206	21.0	14.1	21.1	

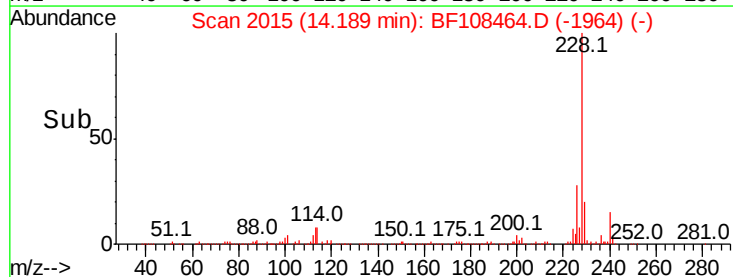
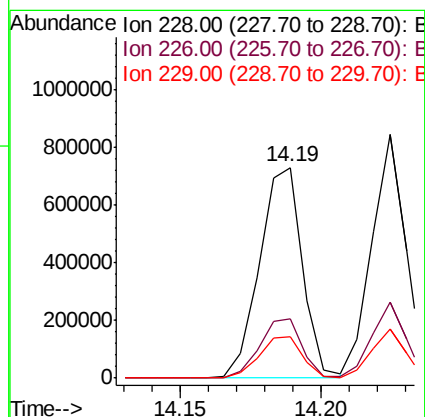
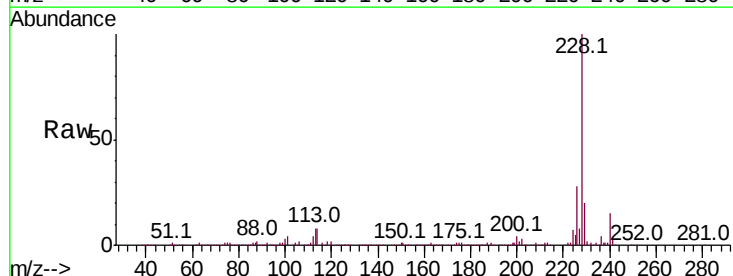
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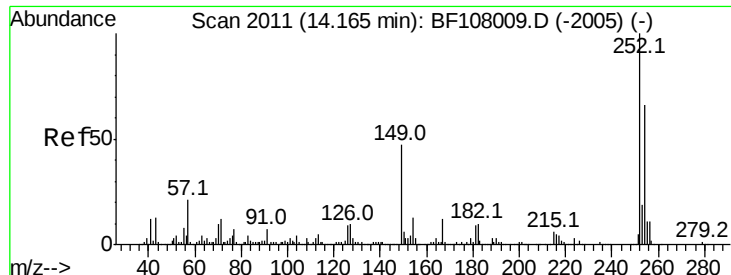
Sohil
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#80
Benzo(a)anthracene
Concen: 43.998 ng
RT: 14.19 min Scan# 2015
Delta R.T. -0.00 min
Lab File: BF108464.D
Acq: 24 Aug 2018 15:35

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	769085		
226	27.9	22.6	33.8	
229	19.7	15.8	23.6	





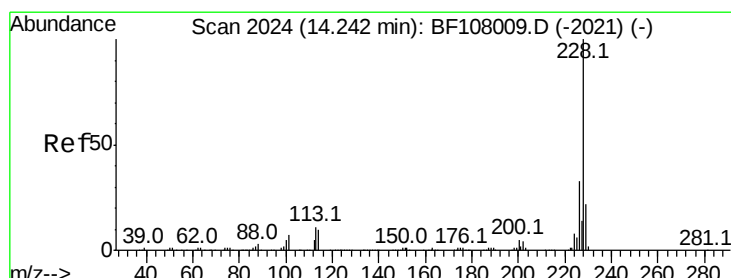
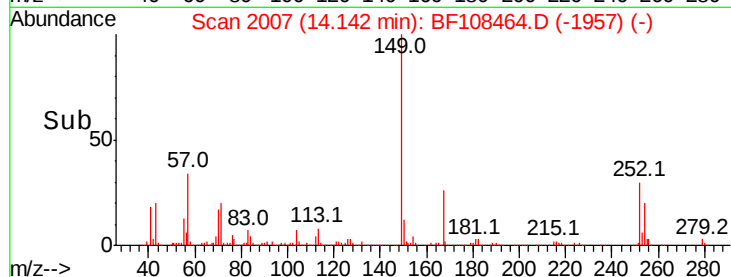
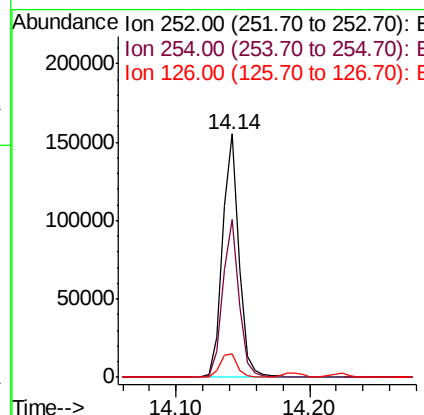
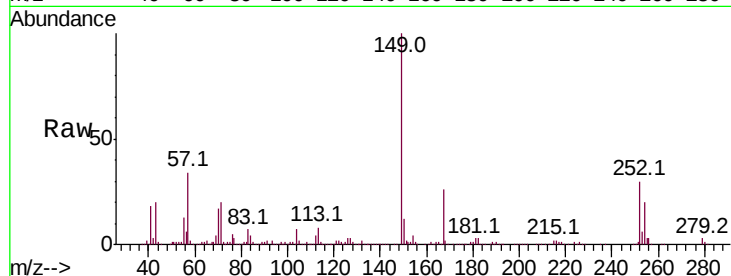
#81
 3,3'-Dichlorobenzidine
 Concen: 21.661 ng
 RT: 14.14 min Scan# 2007
 Delta R.T. -0.01 min
 Lab File: BF108464.D
 Acq: 24 Aug 2018 15:35

Instrument :
 BNA_F
 ClientSampleId :
 PB112335BS

Tot Ion	Ratio	Resp	Lower	Upper
252	100	135695		
254	64.7	50.4	75.6	
126	9.4	11.3	16.9	

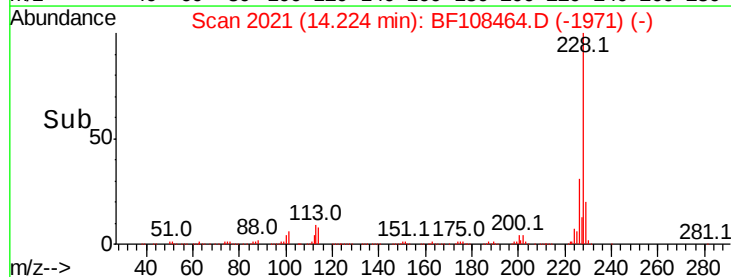
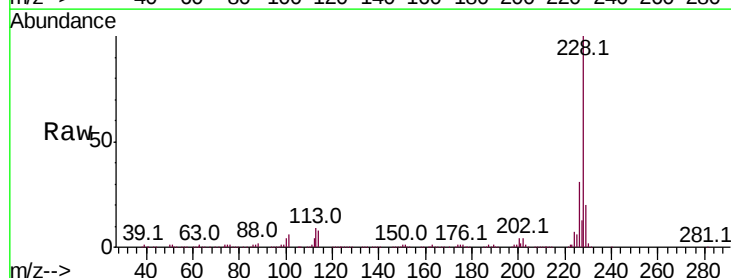
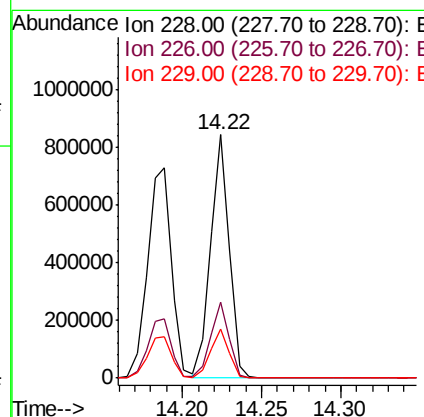
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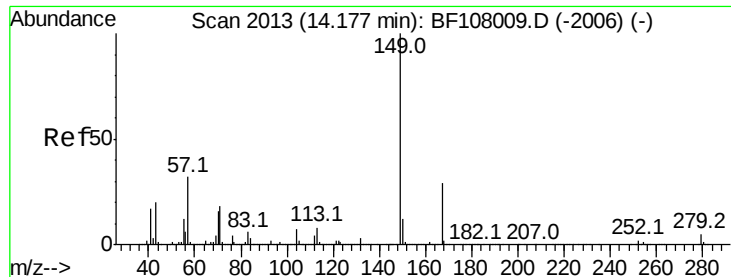
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#82
 Chrysene
 Concen: 43.653 ng
 RT: 14.22 min Scan# 2021
 Delta R.T. -0.01 min
 Lab File: BF108464.D
 Acq: 24 Aug 2018 15:35

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	699555		
226	30.9	25.0	37.6	
229	20.0	16.2	24.4	





#83

Bis(2-ethylhexyl)phthalate

Concen: 50.392 ng

RT: 14.15 min Scan# 2008

Delta R.T. -0.00 min

Lab File: BF108464.D

Acq: 24 Aug 2018 15:35

Instrument :

BNA_F

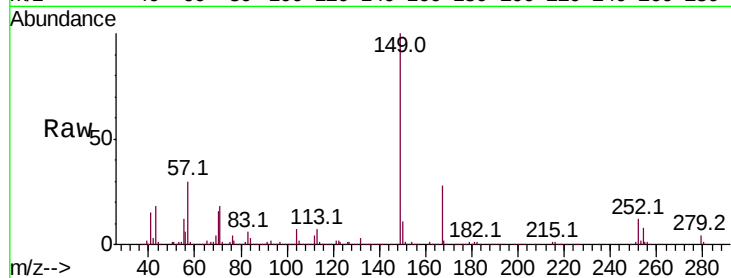
ClientSampleId :

PB112335BS

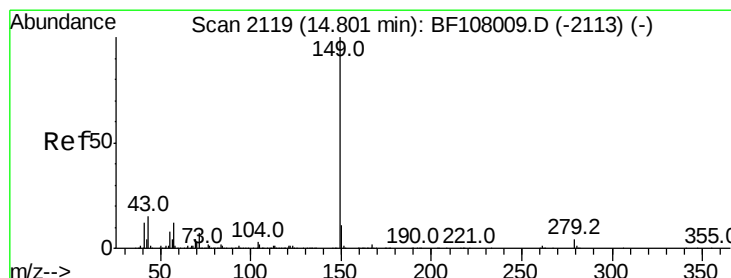
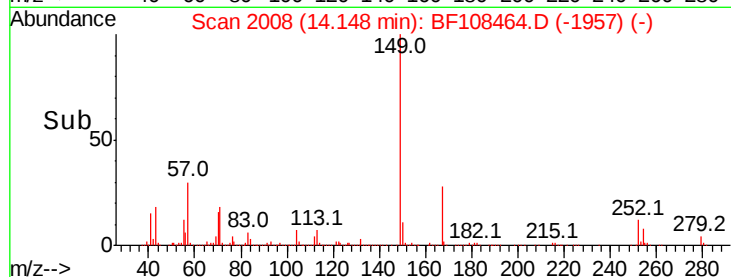
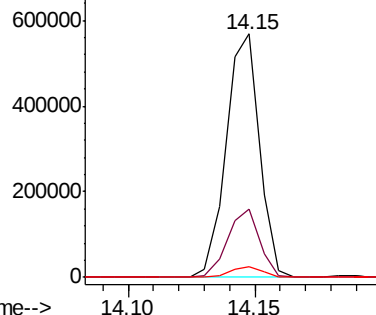
Tot Ion:	149	Resp:	522516
Ion Ratio	Lower	Upper	
149	100		
167	27.9	21.3	31.9
279	4.5	3.0	4.4#

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Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 279.00 (278.70 to 279.70): E



#84

Di-n-octyl phthalate

Concen: 46.410 ng

RT: 14.77 min Scan# 2114

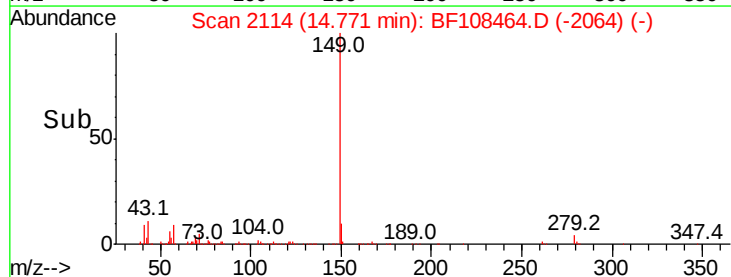
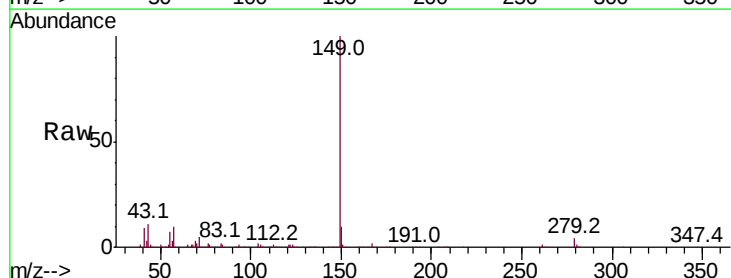
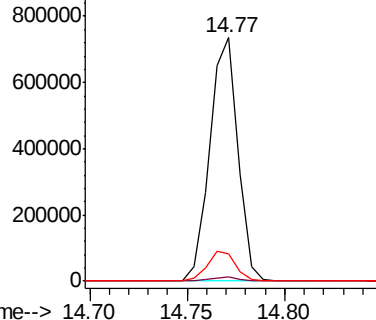
Delta R.T. -0.01 min

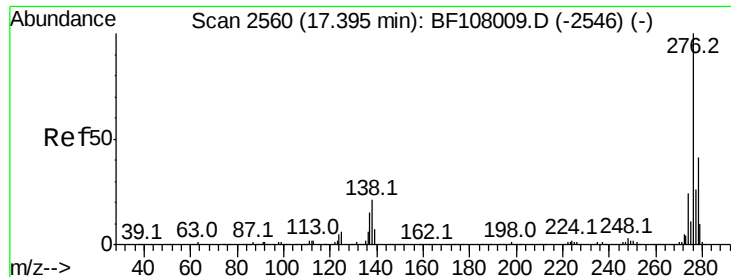
Lab File: BF108464.D

Acq: 24 Aug 2018 15:35

Tgt Ion:	149	Resp:	733919
Ion Ratio	Lower	Upper	
149	100		
167	1.5	1.2	1.8
43	12.0	8.4	12.6

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





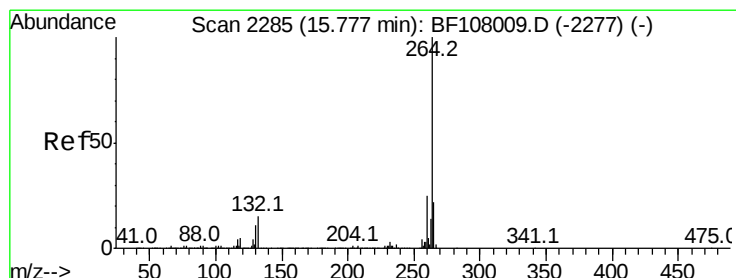
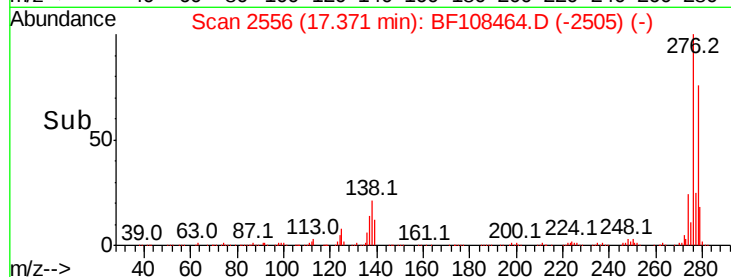
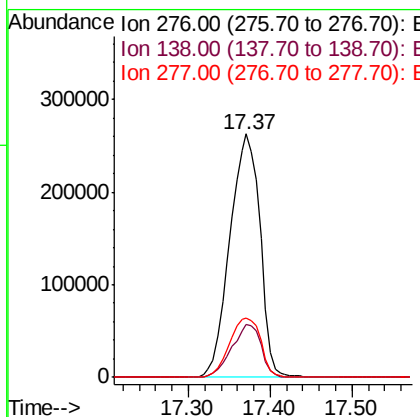
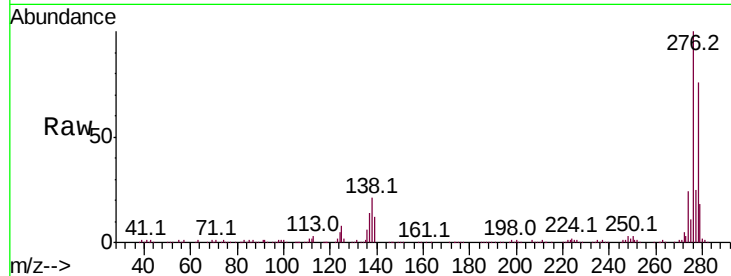
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 48.574 ng
 RT: 17.37 min Scan# 2556
 Delta R.T. -0.00 min
 Lab File: BF108464.D
 Acq: 24 Aug 2018 15:35

Instrument :
 BNA_F
 ClientSampleId :
 PB112335BS

Tot Ion	Ratio	Lower	Upper
276	100		
138	21.2	25.0	37.6#
277	25.2	20.1	30.1

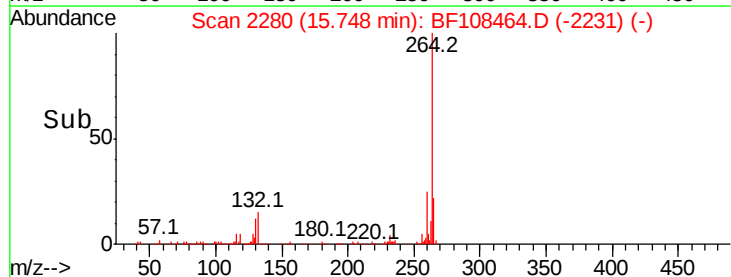
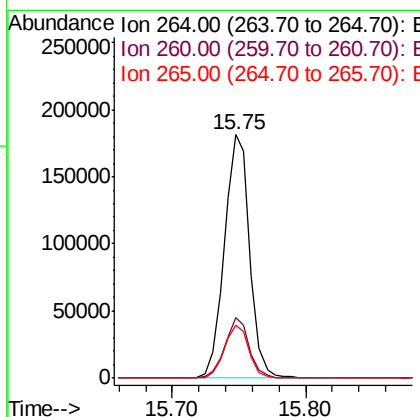
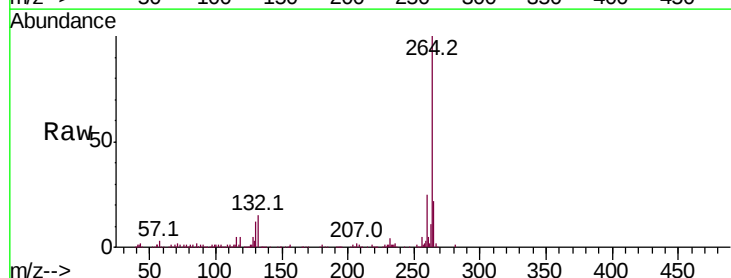
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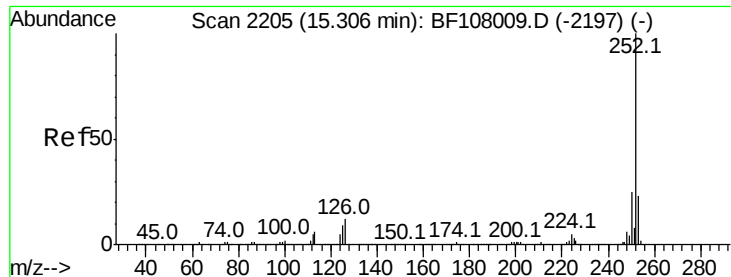
Sohil
 8/27/2018 12:56:33 PM



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.75 min Scan# 2280
 Delta R.T. -0.01 min
 Lab File: BF108464.D
 Acq: 24 Aug 2018 15:35

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.9	19.2	28.8
265	21.7	17.5	26.3





#87

Benzo(b)fluoranthene

Concen: 42.879 ng m

RT: 15.28 min Scan# 2201

Delta R.T. -0.01 min

Lab File: BF108464.D

Acq: 24 Aug 2018 15:35

Instrument :

BNA_F

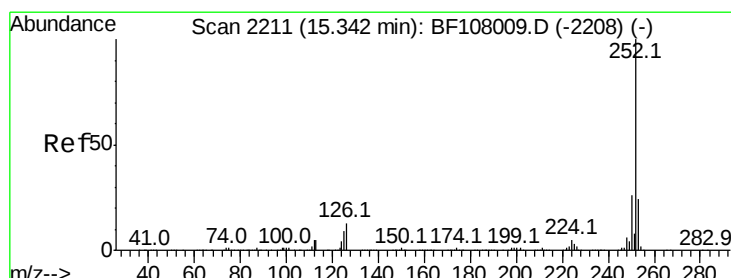
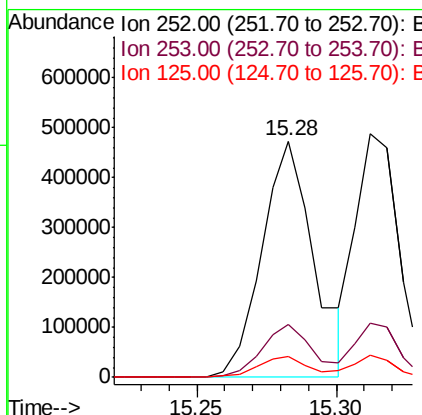
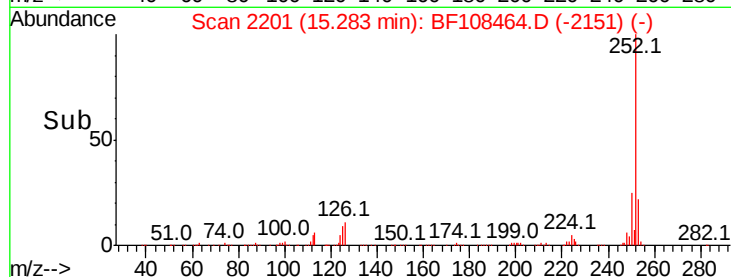
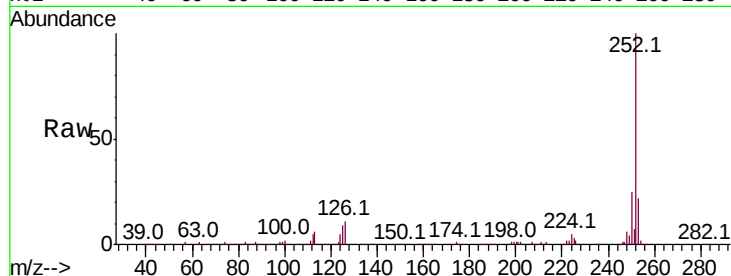
ClientSampleId :

PB112335BS

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.2	17.0	25.6
125	8.9	9.0	13.6#

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#88

Benzo(k)fluoranthene

Concen: 39.661 ng

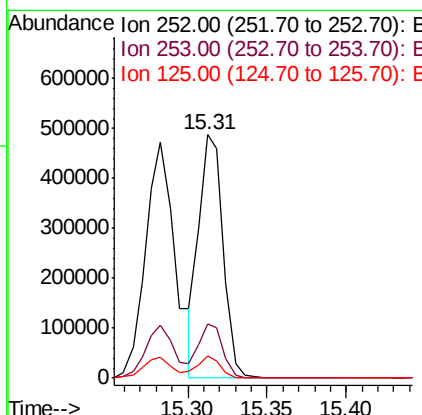
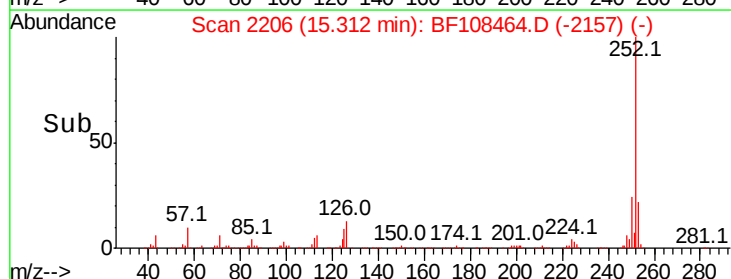
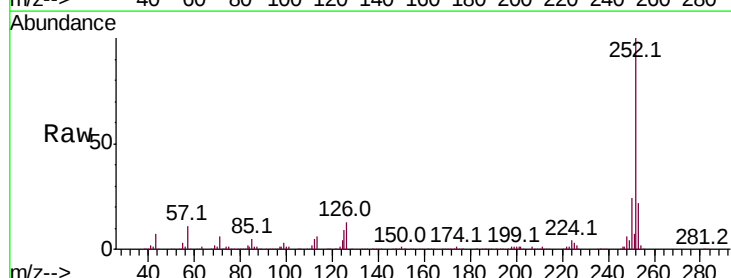
RT: 15.31 min Scan# 2206

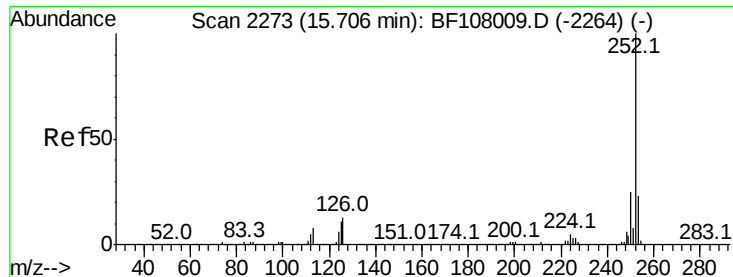
Delta R.T. -0.01 min

Lab File: BF108464.D

Acq: 24 Aug 2018 15:35

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.4	17.9	26.9
125	9.2	10.2	15.2#





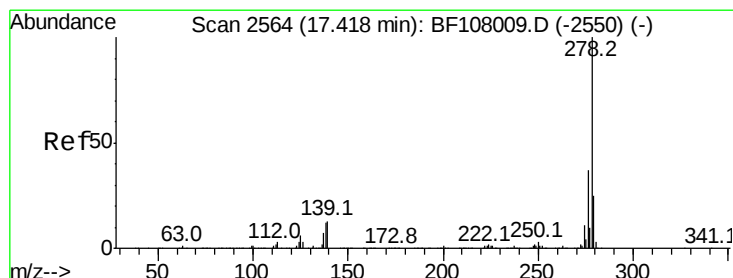
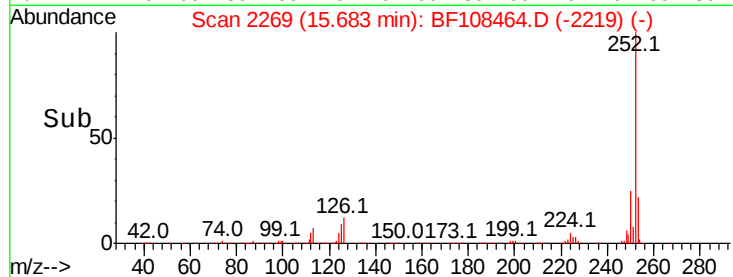
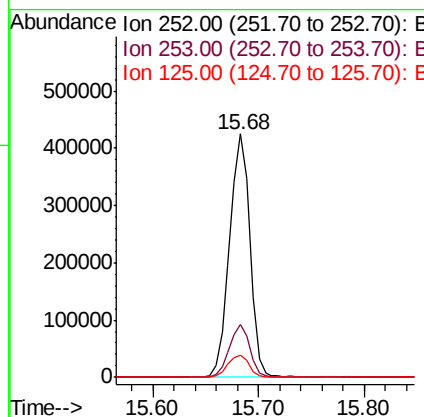
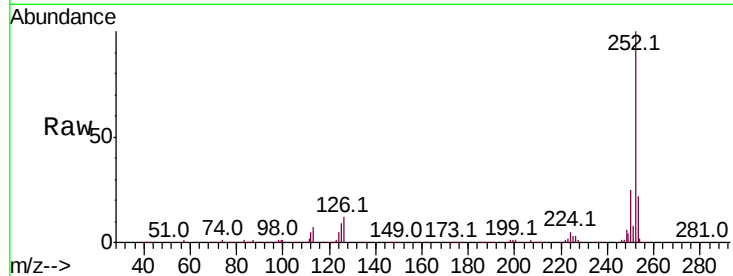
#89
Benzo(a)pyrene
Concen: 44.173 ng
RT: 15.68 min Scan# 2269
Delta R.T. -0.01 min
Lab File: BF108464.D
Acq: 24 Aug 2018 15:35

Instrument :
BNA_F
ClientSampleId :
PB112335BS

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.0	17.1	25.7
125	9.2	9.8	14.6

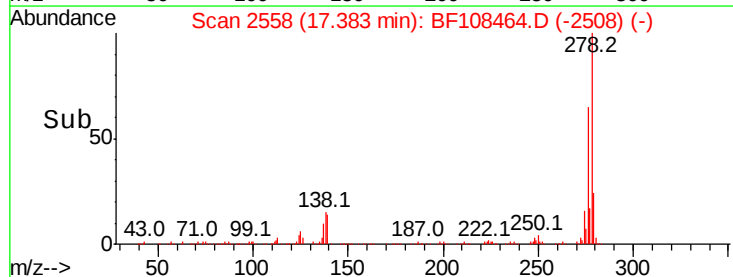
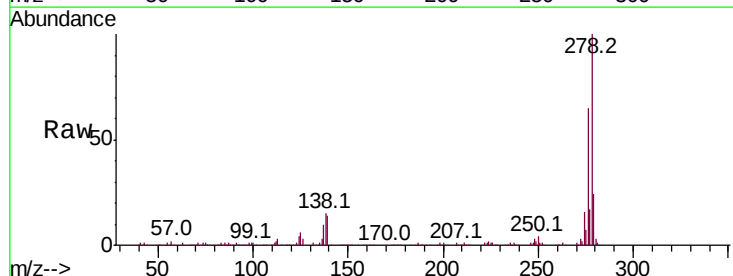
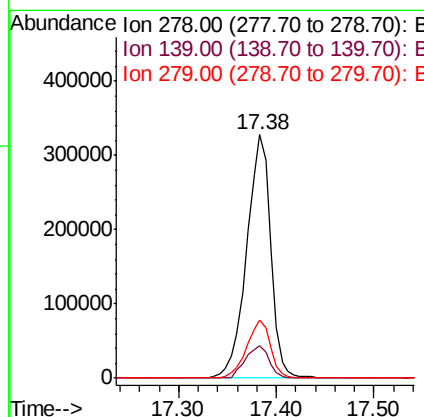
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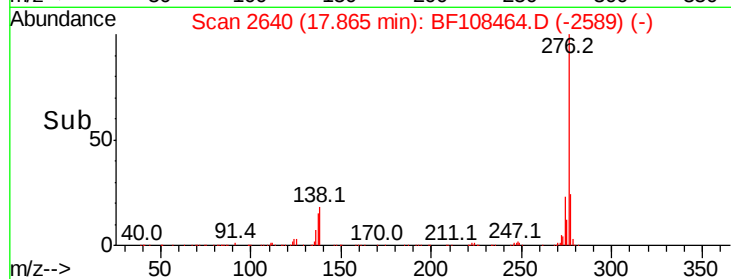
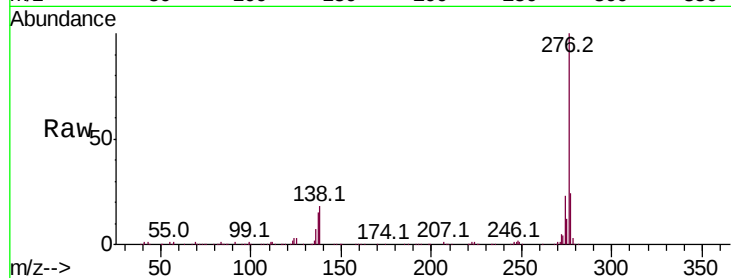
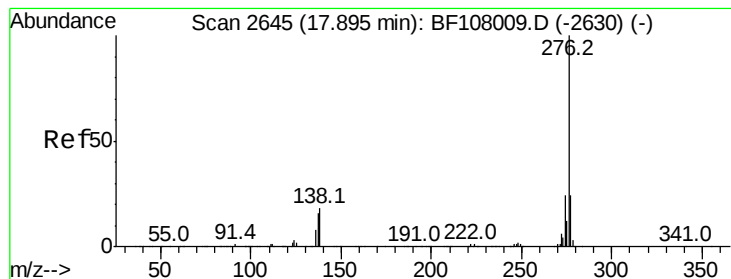
Sohil
8/27/2018 12:56:33 PM



#90
Dibenzo(a,h)anthracene
Concen: 53.321 ng
RT: 17.38 min Scan# 2558
Delta R.T. -0.01 min
Lab File: BF108464.D
Acq: 24 Aug 2018 15:35

Tgt Ion	Ratio	Lower	Upper
278	100		
139	13.6	15.9	23.9
279	23.8	19.0	28.4





#91

Benzo(a,h,i)perylene

Concen: 54.645 ng

RT: 17.87 min Scan# 2640

Delta R.T. -0.00 min

Lab File: BF108464.D

Acq: 24 Aug 2018 15:35

Instrument :

BNA_F

ClientSampleId :

PB112335BS

Tot Ion	Ratio	Resp	Lower	Upper
276	100			
277	23.7	17.9	26.9	
138	18.2	21.8	32.8	

Manual Integrations
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