

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082318\
 Data File : BF108430.D
 Acq On : 23 Aug 2018 19:37
 Operator : JU/SJ
 Sample : PB112238BS
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB112238BS

Manual Integrations
 APPROVED

Sohil
 8/24/2018 12:14:07 PM

Quant Time: Aug 24 01:47:37 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	134258	20.00	ng	0.00
21) Naphthalene-d8	8.28	136	535280	20.00	ng	0.00
38) Acenaphthene-d10	10.05	164	277292	20.00	ng	0.00
63) Phenanthrene-d10	11.54	188	548737	20.00	ng	0.00
75) Chrysene-d12	14.19	240	364050	20.00	ng	0.00
86) Perylene-d12	15.74	264	292250	20.00	ng	-0.02

System Monitoring Compounds

5) 2-Fluorophenol	5.64	112	797010	107.48	ng	0.00
7) Phenol-d6	6.62	99	1067426	108.32	ng	0.00
23) Nitrobenzene-d5	7.57	82	687669	71.69	ng	0.00
41) 2,4,6-Tribromophenol	10.84	330	320123	115.74	ng	0.00
44) 2-Fluorobiphenyl	9.36	172	1362454	78.88	ng	0.00
78) Terphenyl-d14	13.12	244	1457970	101.83	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.99	88	139803	36.689	ng	90
3) Pyridine	3.74	79	385949	39.320	ng	87
4) n-Nitrosodimethylamine	3.71	42	206541	37.395	ng	# 80
6) Aniline	6.67	93	432378	32.257	ng	98
8) 2-Chlorophenol	6.79	128	359791	43.078	ng	98
9) Benzaldehyde	6.55	77	231369	30.283	ng	96
10) Phenol	6.64	94	461084	45.234	ng	88
11) bis(2-Chloroethyl)ether	6.73	93	342191	41.524	ng	91
12) 1,3-Dichlorobenzene	6.94	146	404749	41.912	ng	99
13) 1,4-Dichlorobenzene	7.02	146	410008	42.257	ng	97
14) 1,2-Dichlorobenzene	7.17	146	383385	42.479	ng	98
15) Benzyl Alcohol	7.14	79	328155	39.556	ng	94
16) 2,2'-oxybis(1-Chloropropan	7.27	45	659596	38.853	ng	99
17) 2-Methylphenol	7.24	107	311858	43.541	ng	95
18) Hexachloroethane	7.51	117	149092	43.161	ng	90
19) n-Nitroso-di-n-propylamine	7.41	70	268781	40.334	ng	90
20) 3+4-Methylphenols	7.40	107	380582	41.465	ng	# 86
22) Acetophenone	7.41	105	518009	41.387	ng	# 93
24) Nitrobenzene	7.58	77	404828	41.734	ng	96
25) Isophorone	7.82	82	739598	40.451	ng	98
26) 2-Nitrophenol	7.90	139	178333	48.682	ng	# 86
27) 2,4-Dimethylphenol	7.92	122	340093	41.910	ng	95
28) bis(2-Chloroethoxy)methane	8.02	93	446276	41.811	ng	99
29) 2,4-Dichlorophenol	8.14	162	323644	43.338	ng	98
30) 1,2,4-Trichlorobenzene	8.22	180	346370	42.068	ng	97
31) Naphthalene	8.31	128	1041063	42.766	ng	99
32) Benzoic acid	8.04	122	147043	33.314	ng	95
33) 4-Chloroaniline	8.35	127	219747	20.714	ng	96
34) Hexachlorobutadiene	8.41	225	222905	42.765	ng	100
35) Caprolactam	8.72	113	93857m	40.106	ng	
36) 4-Chloro-3-methylphenol	8.83	107	344677	42.784	ng	97
37) 2-Methylnaphthalene	9.00	142	728205	42.280	ng	98
39) 1,2,4,5-Tetrachlorobenzene	9.17	216	371815	43.664	ng	98
40) Hexachlorocyclopentadiene	9.15	237	376620	68.474	ng	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.28	196	239690	45.360	ng	98
43) 2,4,5-Trichlorophenol	9.32	196	259016	44.528	ng	93
45) 1,1'-Biphenyl	9.46	154	899753	44.009	ng	99
46) 2-Chloronaphthalene	9.49	162	695336	43.032	ng	99
47) 2-Nitroaniline	9.59	65	231196	44.220	ng	92
48) Acenaphthylene	9.91	152	1105964	43.293	ng	99
49) Dimethylphthalate	9.76	163	819751	42.440	ng	99
50) 2,6-Dinitrotoluene	9.82	165	180096	44.565	ng	88
51) Acenaphthene	10.08	154	648078	41.420	ng	100
52) 3-Nitroaniline	10.00	138	126316	28.568	ng	98
53) 2,4-Dinitrophenol	10.11	184	120317	79.593	ng	# 22
54) Dibenzofuran	10.25	168	962828	42.474	ng	96
55) 4-Nitrophenol	10.16	139	254139	75.902	ng	83
56) 2,4-Dinitrotoluene	10.24	165	239615	46.064	ng	# 99
57) Fluorene	10.60	166	774648	43.168	ng	99
58) 2,3,4,6-Tetrachlorophenol	10.37	232	222380	45.739	ng	# 85
59) Diethylphthalate	10.46	149	798341	42.683	ng	96
60) 4-Chlorophenyl-phenylether	10.58	204	396271	42.379	ng	93
61) 4-Nitroaniline	10.62	138	184666	42.243	ng	90
62) Azobenzene	10.75	77	808750	41.869	ng	93
64) 4,6-Dinitro-2-methylphenol	10.65	198	85430	42.197	ng	77
65) n-Nitrosodiphenylamine	10.71	169	692582	42.711	ng	97
66) 4-Bromophenyl-phenylether	11.08	248	257583	43.195	ng	# 87
67) Hexachlorobenzene	11.15	284	265713	42.349	ng	# 87
68) Atrazine	11.23	200	233972	43.019	ng	95
69) Pentachlorophenol	11.34	266	242996	80.913	ng	97
70) Phenanthrene	11.57	178	1124915	43.463	ng	99
71) Anthracene	11.62	178	1156558	43.599	ng	100
72) Carbazole	11.77	167	980206	41.589	ng	100
73) Di-n-butylphthalate	12.08	149	1210111	45.329	ng	99
74) Fluoranthene	12.76	202	1195913	42.338	ng	96
76) Benzidine	12.88	184	520193	38.244	ng	99
77) Pyrene	12.99	202	1186903	51.497	ng	99
79) Butylbenzylphthalate	13.59	149	462982	50.588	ng	# 96
80) Benzo(a)anthracene	14.18	228	906404	43.384	ng	99
81) 3,3'-Dichlorobenzidine	14.14	252	151882	20.285	ng	# 97
82) Chrysene	14.22	228	823706	43.004	ng	99
83) Bis(2-ethylhexyl)phthalate	14.14	149	588042	47.447	ng	99
84) Di-n-octyl phthalate	14.77	149	825519	43.675	ng	97
85) Indeno(1,2,3-cd)pyrene	17.36	276	789954	47.598	ng	# 91
87) Benzo(b)fluoranthene	15.28	252	720690	41.269	ng	# 97
88) Benzo(k)fluoranthene	15.31	252	652640	40.656	ng	# 96
89) Benzo(a)pyrene	15.68	252	662142	42.343	ng	97
90) Dibenzo(a,h)anthracene	17.38	278	662663	51.215	ng	# 92
91) Benzo(g,h,i)perylene	17.85	276	669049	52.513	ng	# 90

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

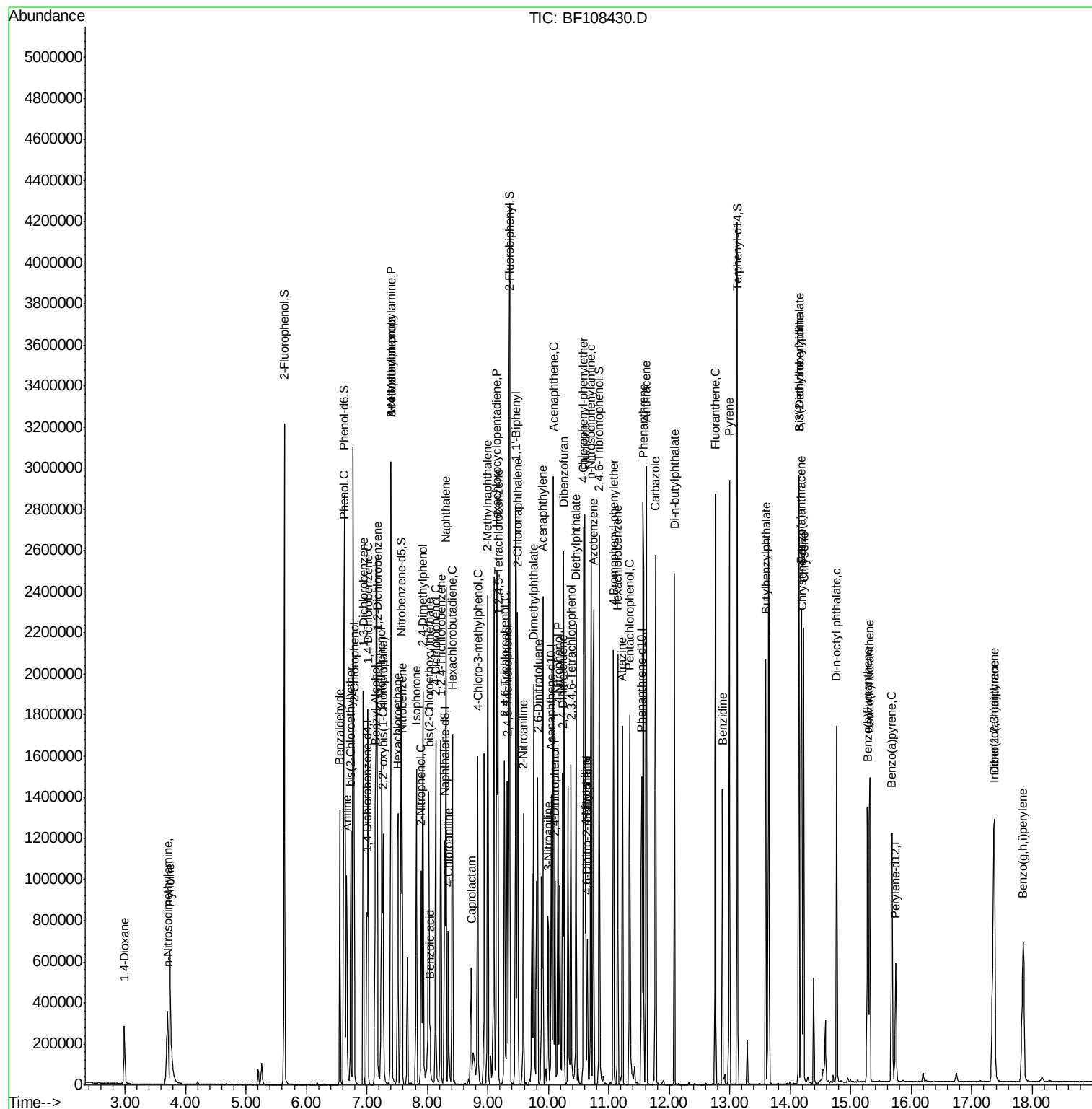
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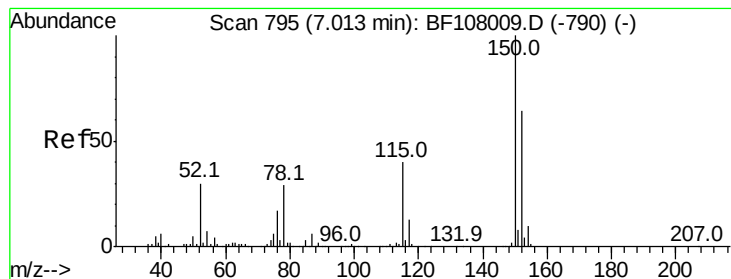
Instrument :
BNA_F
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#1

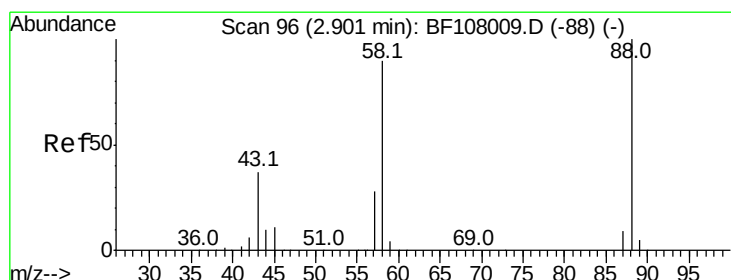
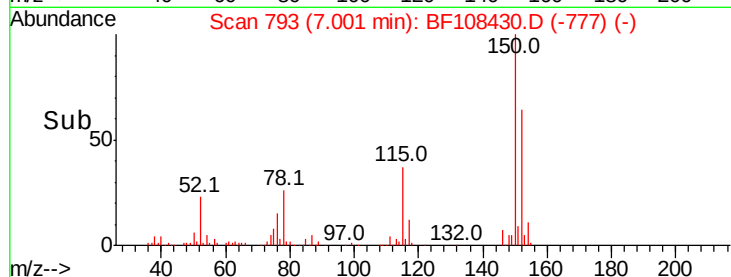
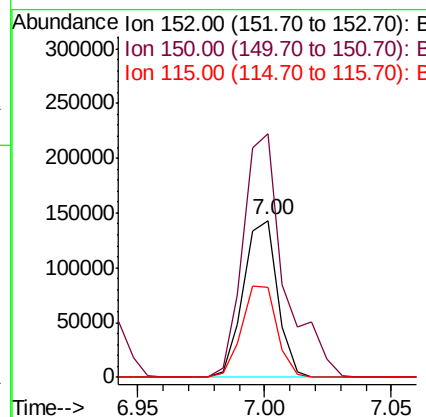
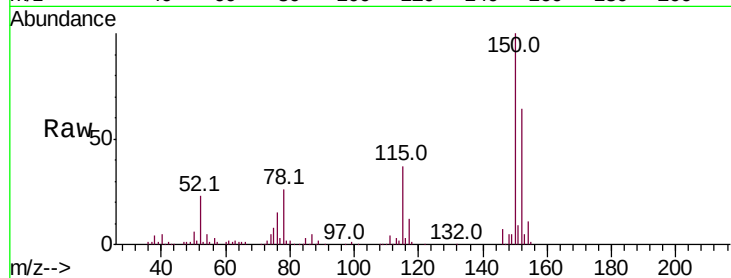
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.00 min Scan# 793
Delta R.T. -0.01 min
Lab File: BF108430.D
Acq: 23 Aug 2018 19:37

Instrument :
BNA_F
ClientSampleId :
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Tot Ion	Ratio	Lower	Upper
152	100		
150	155.2	124.6	186.8
115	57.1	50.1	75.1

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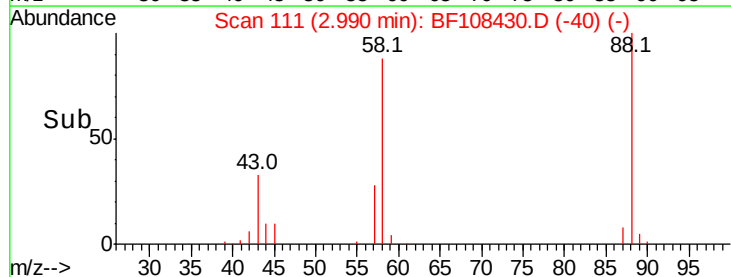
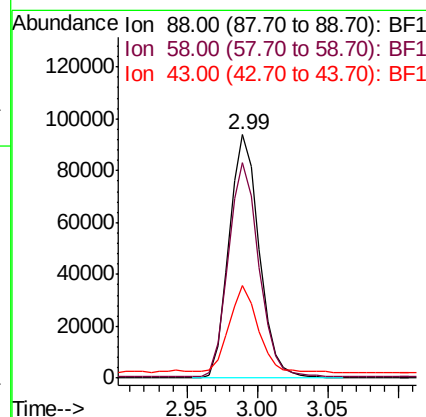
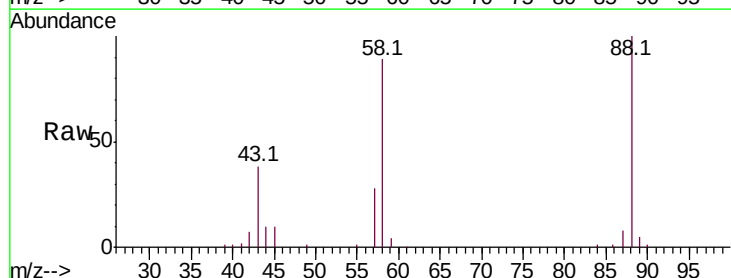
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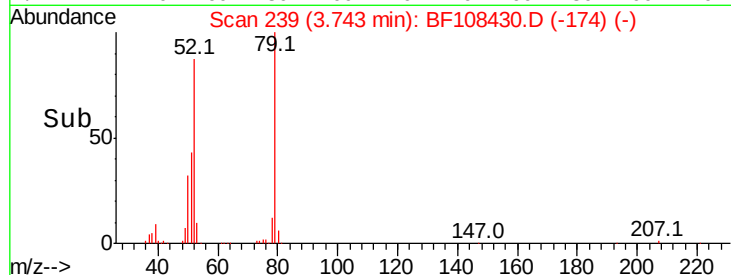
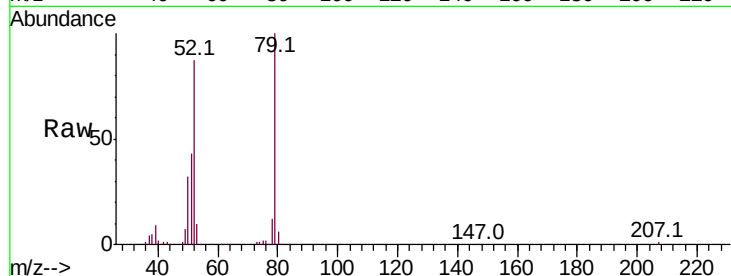
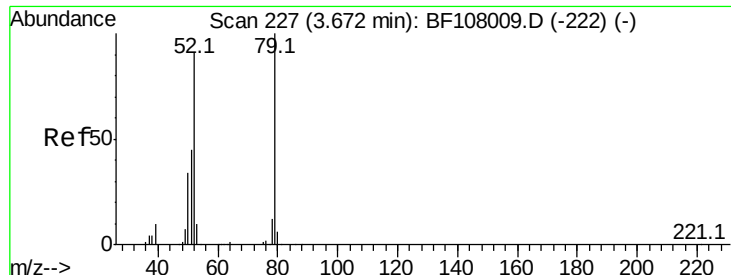


#2

1,4-Dioxane
Concen: 36.689 ng
RT: 2.99 min Scan# 111
Delta R.T. 0.12 min
Lab File: BF108430.D
Acq: 23 Aug 2018 19:37

Tgt Ion	Ratio	Lower	Upper
88	100		
58	88.0	62.6	93.8
43	34.4	24.6	37.0





#3

Pvridine

Concen: 39.320 ng

RT: 3.74 min Scan# 239

Delta R.T. 0.08 min

Lab File: BF108430.D

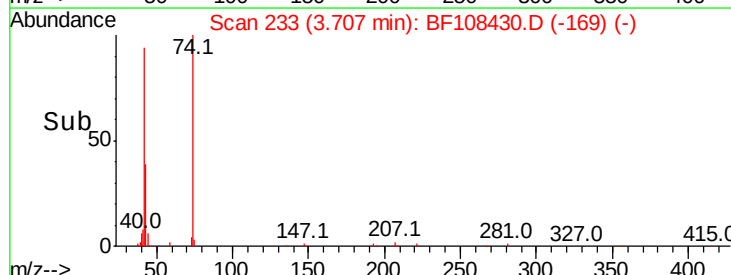
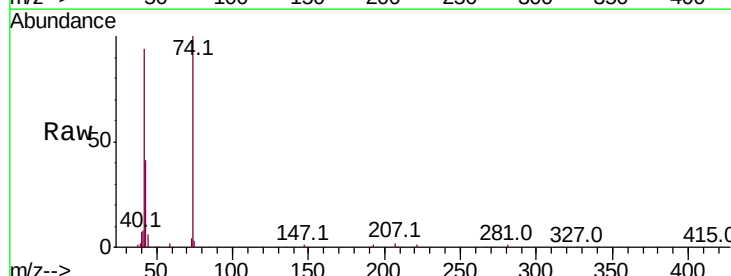
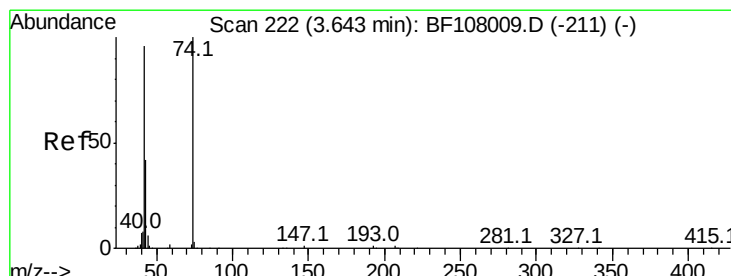
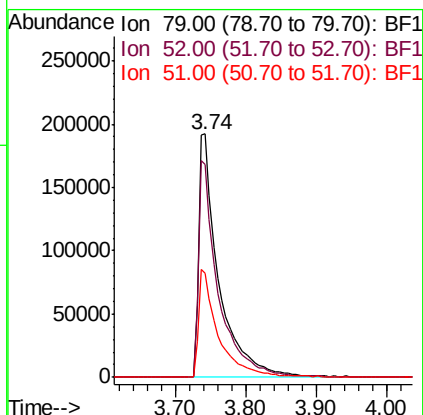
Acq: 23 Aug 2018 19:37

Tot Ion	Ion	Ratio	Resp	Lower	Upper
79	100				
52	87.3	59.8		89.6	
51	42.5	29.8		44.8	

Instrument :
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#4

n-Nitrosodimethylamine

Concen: 37.395 ng

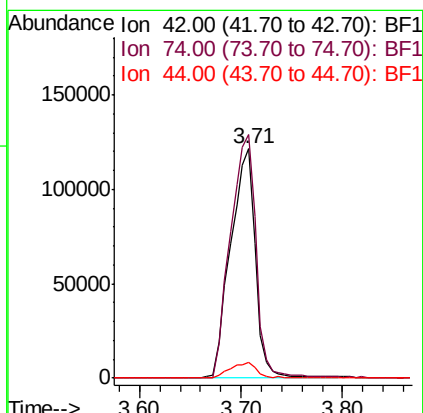
RT: 3.71 min Scan# 233

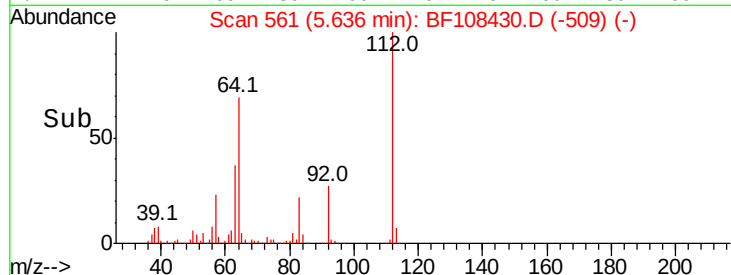
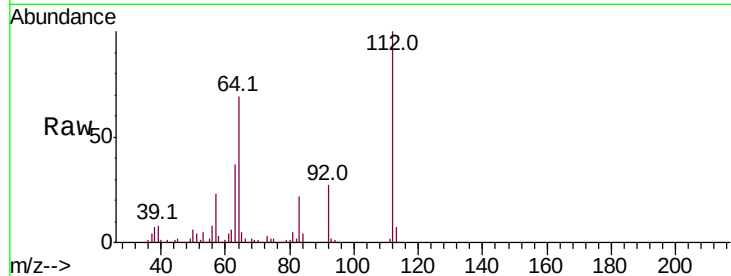
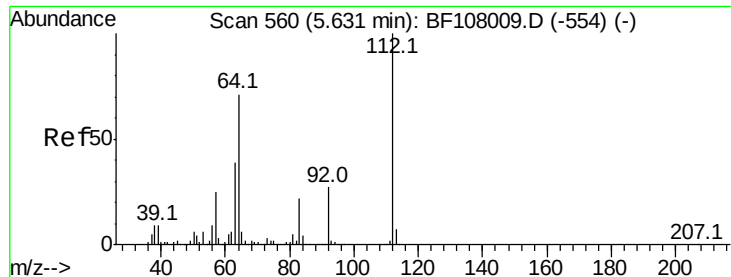
Delta R.T. 0.08 min

Lab File: BF108430.D

Acq: 23 Aug 2018 19:37

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
42	100				
74	106.1	104.9		157.3	
44	6.8	6.9		10.3#	





#5

2-Fluorophenol

Concen: 107.476 ng

RT: 5.64 min Scan# 561

Delta R.T. 0.01 min

Lab File: BF108430.D

Acq: 23 Aug 2018 19:37

Instrument :

BNA_F

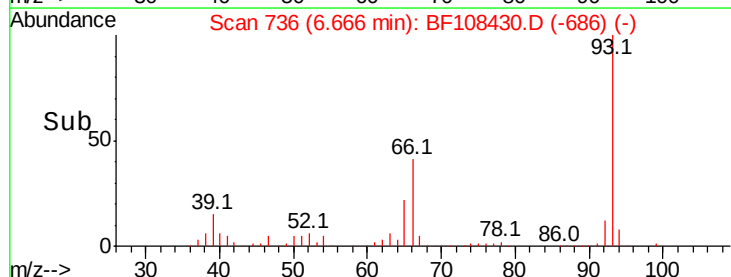
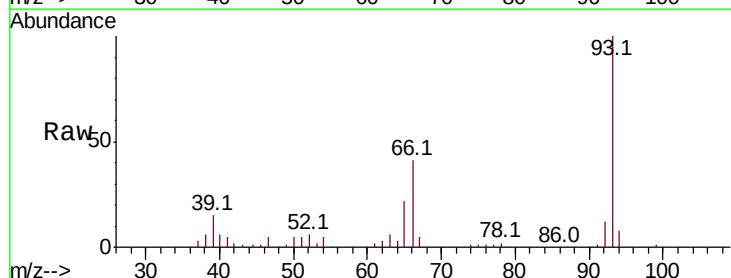
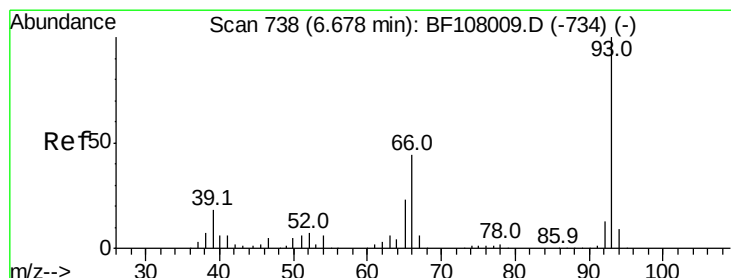
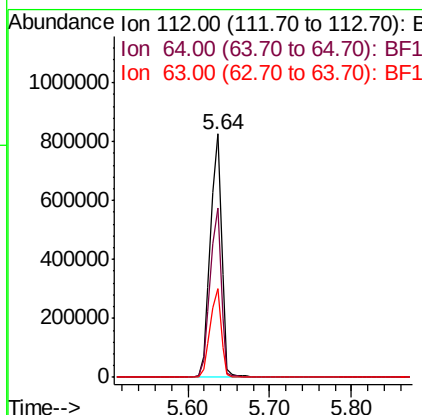
ClientSampleId :

PB112238BS

Tot Ion:	112	Resp:	797010
Ion Ratio	Lower	Upper	
112	100		
64	69.3	47.9	71.9
63	36.5	23.7	35.5#

Manual Integrations
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#6

Aniline

Concen: 32.257 ng

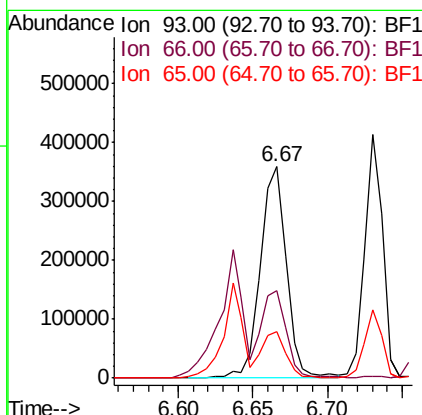
RT: 6.67 min Scan# 736

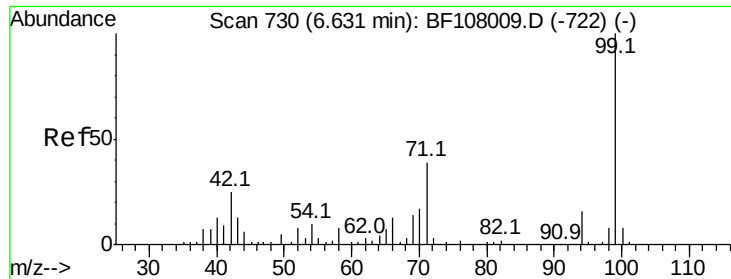
Delta R.T. -0.01 min

Lab File: BF108430.D

Acq: 23 Aug 2018 19:37

Tgt Ion:	93	Resp:	432378
Ion Ratio	Lower	Upper	
93	100		
66	41.3	32.2	48.2
65	22.3	16.4	24.6





#7

Phenol-d6

Concen: 108.319 ng

RT: 6.62 min Scan# 729

Delta R.T. -0.01 min

Lab File: BF108430.D

Acq: 23 Aug 2018 19:37

Instrument :

BNA_F

ClientSampleId :

PB112238BS

Tot Ion: 99 Resp: 1067426

Ion Ratio Lower Upper

99 100

42 22.5 14.5 21.7#

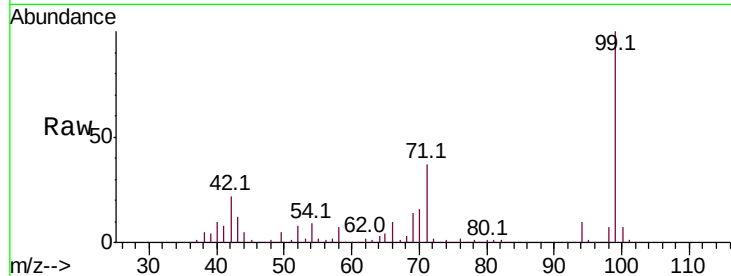
71 37.2 25.4 38.0

Manual Integrations

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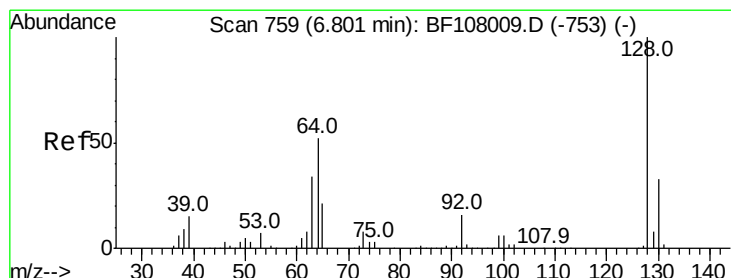
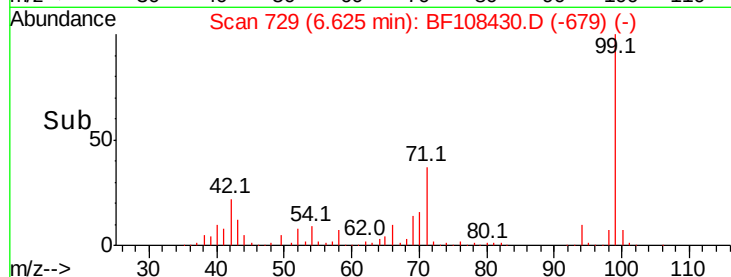
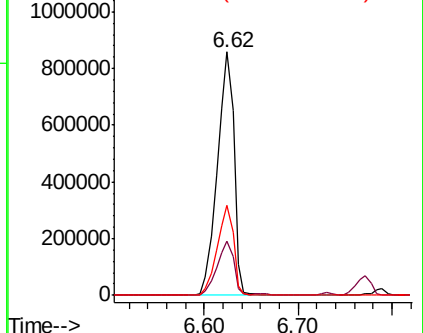
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Abundance Ion 99.00 (98.70 to 99.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 71.00 (70.70 to 71.70): BF1



#8

2-Chlorophenol

Concen: 43.078 ng

RT: 6.79 min Scan# 757

Delta R.T. -0.01 min

Lab File: BF108430.D

Acq: 23 Aug 2018 19:37

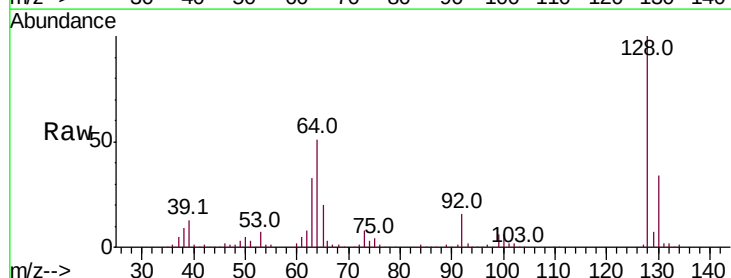
Tgt Ion:128 Resp: 359791

Ion Ratio Lower Upper

128 100

130 34.0 13.0 53.0

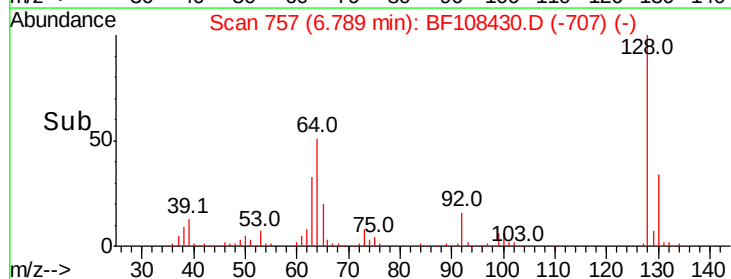
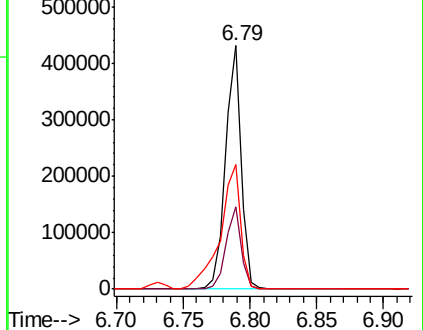
64 51.2 29.4 69.4

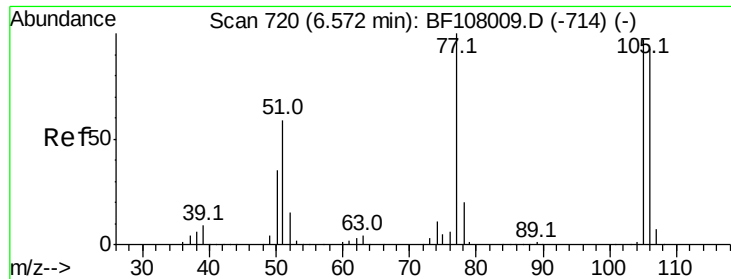


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF1





#9

Benzaldehyde

Concen: 30.283 ng

RT: 6.55 min Scan# 717

Delta R.T. -0.01 min

Lab File: BF108430.D

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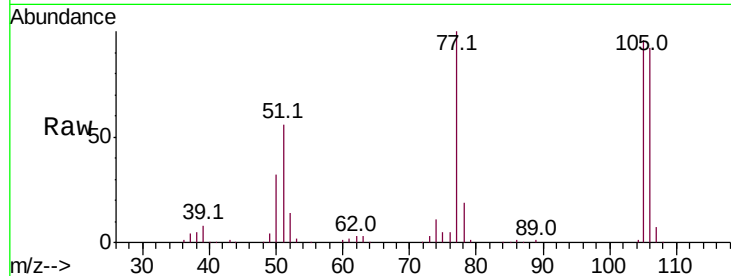
ClientSampleID :

PB112238BS

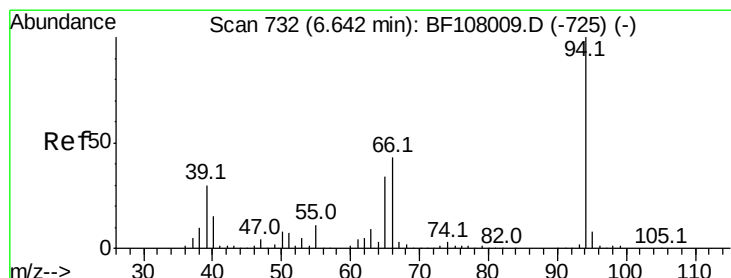
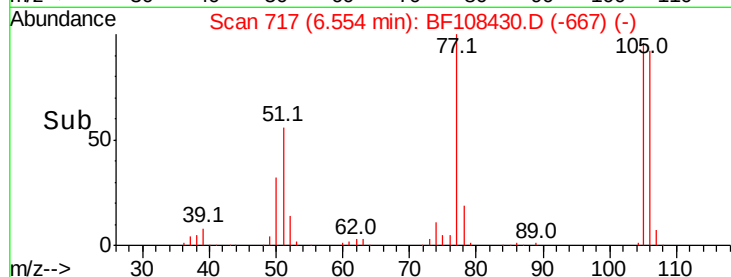
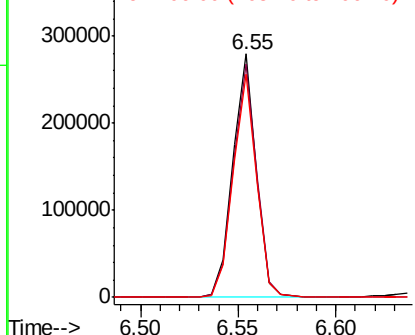
Tot Ion:	77	Resp:	231369
Ion Ratio	Lower	Upper	
77	100		
105	96.0	81.1	121.1
106	91.8	74.5	114.5

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



#10

Phenol

Concen: 45.234 ng

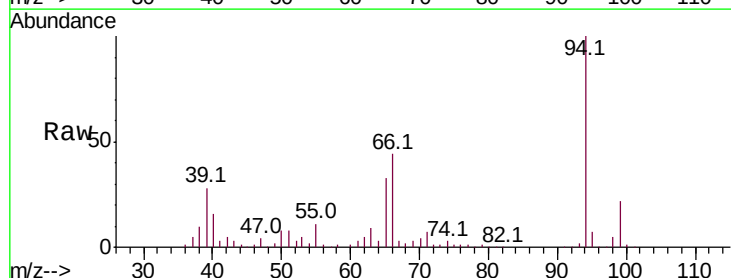
RT: 6.64 min Scan# 731

Delta R.T. -0.01 min

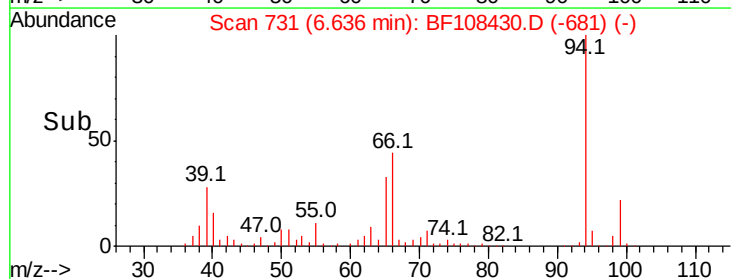
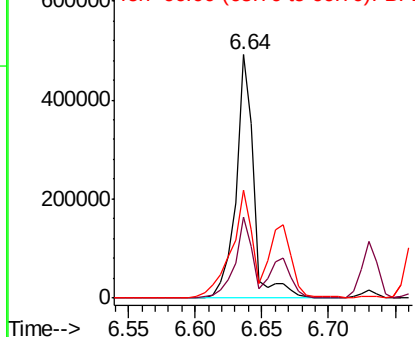
Lab File: BF108430.D

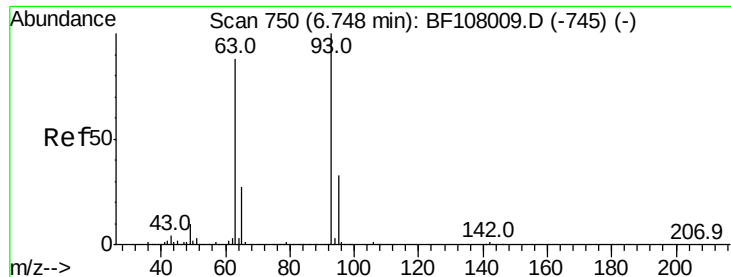
Acq: 23 Aug 2018 19:37

Tgt Ion:	94	Resp:	461084
Ion Ratio	Lower	Upper	
94	100		
65	33.1	7.9	47.9
66	44.3	16.2	56.2



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





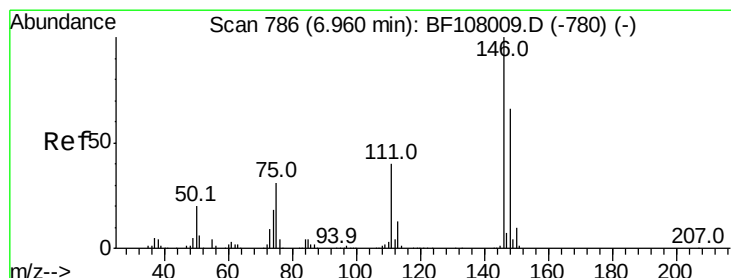
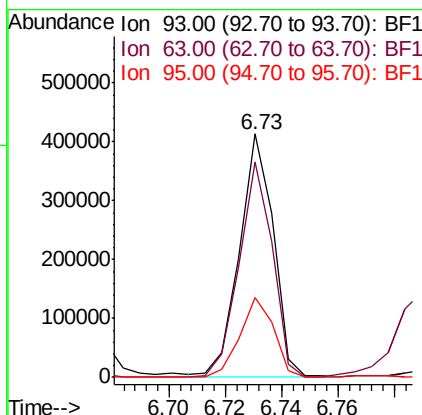
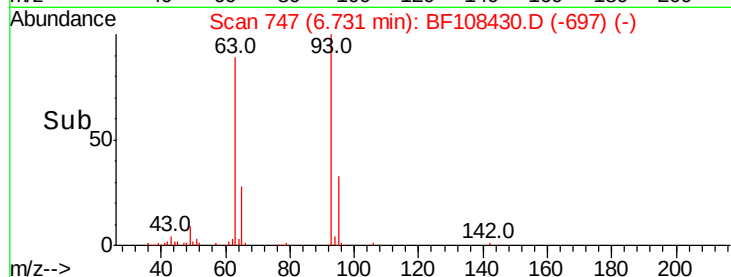
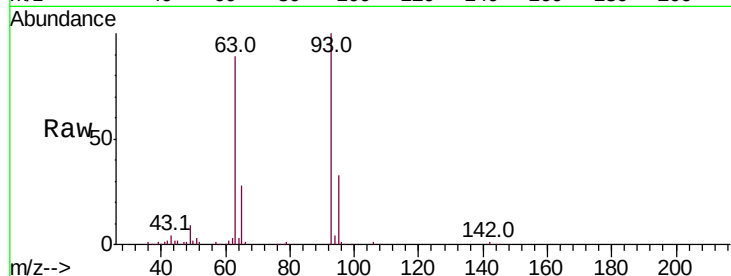
#11
bis(2-Chloroethyl)ether
Concen: 41.524 ng
RT: 6.73 min Scan# 747
Delta R.T. -0.01 min
Lab File: BF108430.D
Acq: 23 Aug 2018 19:37

Instrument :
BNA_F
ClientSampleId :
PB112238BS

Tot Ion	Ratio	Lower	Upper
93	100		
63	88.7	58.6	98.6
95	32.8	11.8	51.8

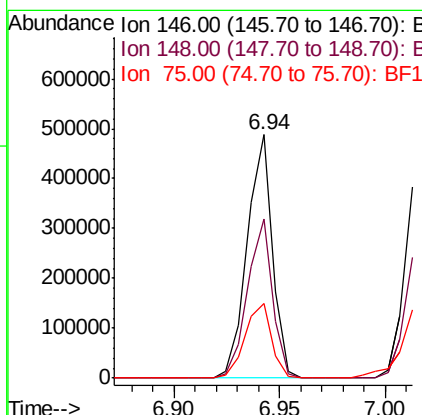
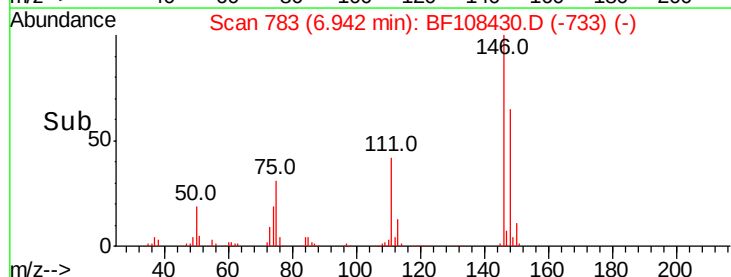
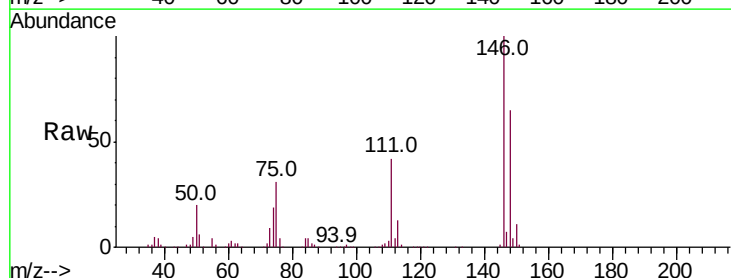
Manual Integrations
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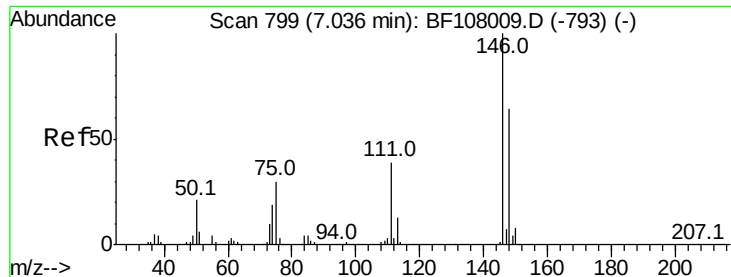
Sohil
8/24/2018 12:14:07 PM



#12
1,3-Dichlorobenzene
Concen: 41.912 ng
RT: 6.94 min Scan# 783
Delta R.T. -0.01 min
Lab File: BF108430.D
Acq: 23 Aug 2018 19:37

Tgt Ion	Ratio	Lower	Upper
146	100		
148	65.2	51.8	77.8
75	30.9	24.2	36.4





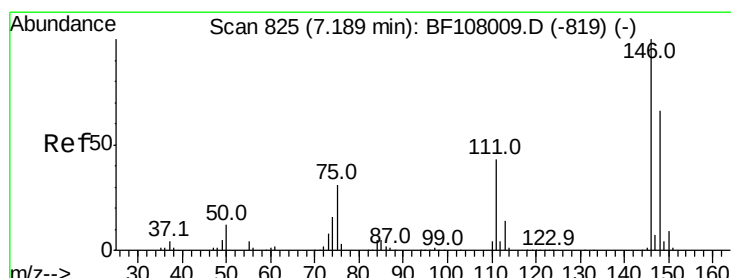
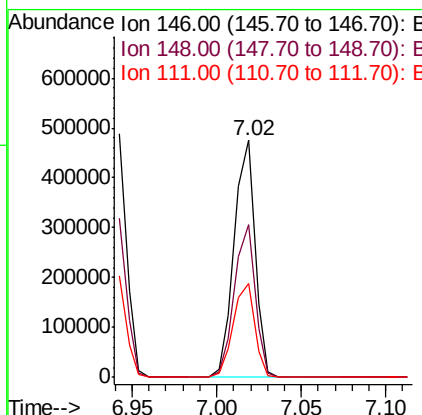
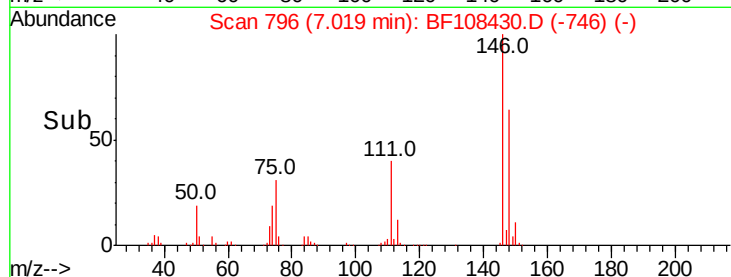
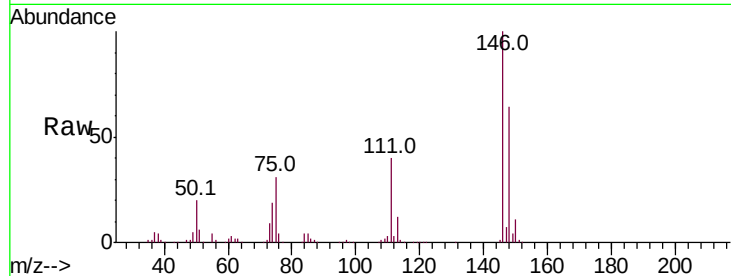
#13
1,4-Dichlorobenzene
Concen: 42.257 ng
RT: 7.02 min Scan# 796
Delta R.T. -0.01 min
Lab File: BF108430.D
Acq: 23 Aug 2018 19:37

Instrument :
BNA_F
ClientSampleId :
PB112238BS

Tot Ion	Ratio	Lower	Upper
146	100		
148	64.4	50.8	76.2
111	39.6	34.2	51.2

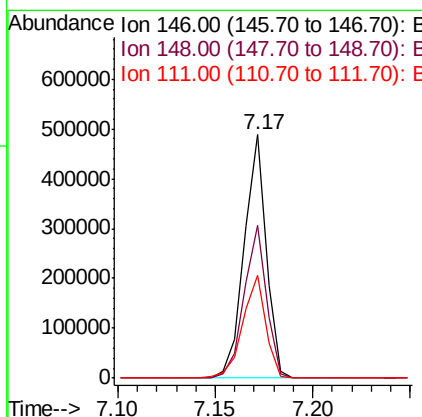
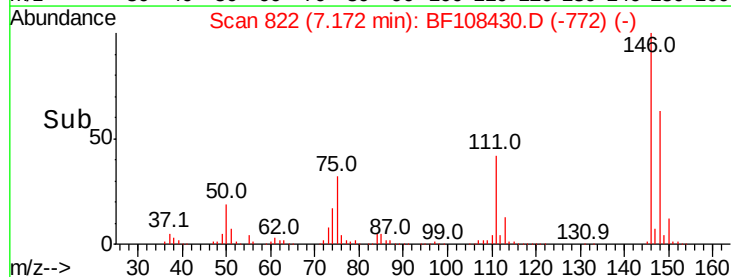
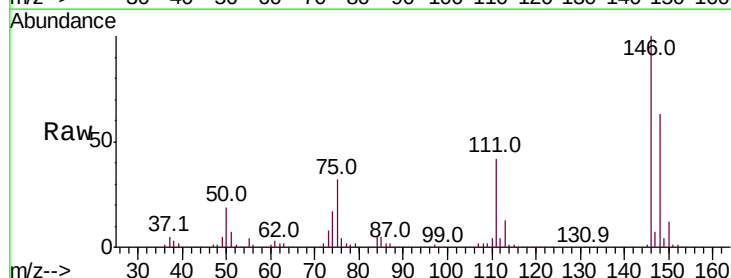
Manual Integrations
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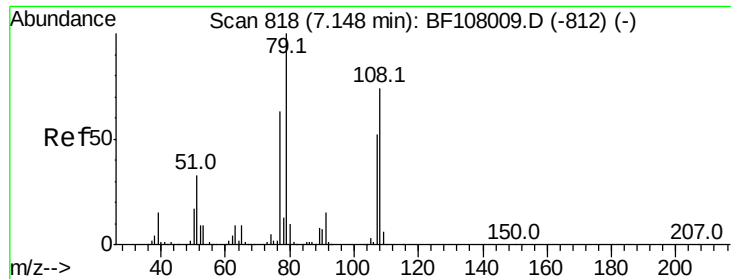
Sohil
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#14
1,2-Dichlorobenzene
Concen: 42.479 ng
RT: 7.17 min Scan# 822
Delta R.T. -0.01 min
Lab File: BF108430.D
Acq: 23 Aug 2018 19:37

Tgt Ion	Ratio	Lower	Upper
146	100		
148	62.9	50.6	75.8
111	42.5	36.0	54.0





#15

Benzyl Alcohol

Concen: 39.556 ng

RT: 7.14 min Scan# 816

Delta R.T. -0.01 min

Lab File: BF108430.D

Acq: 23 Aug 2018 19:37

Instrument :

BNA_F

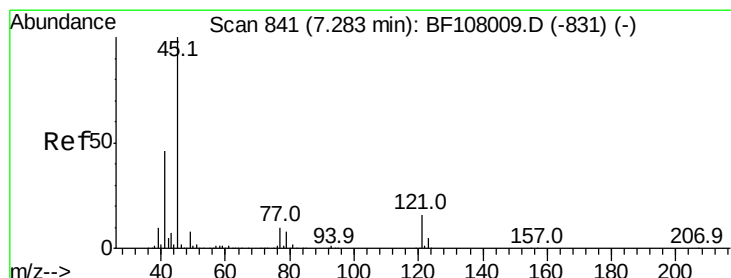
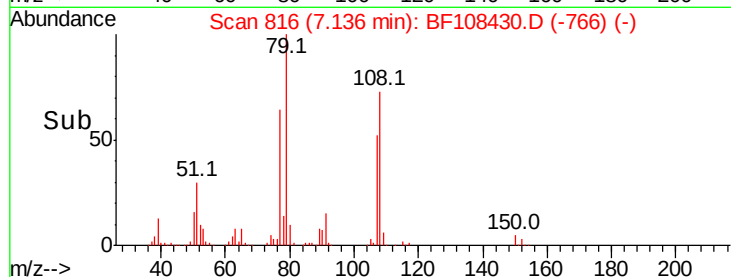
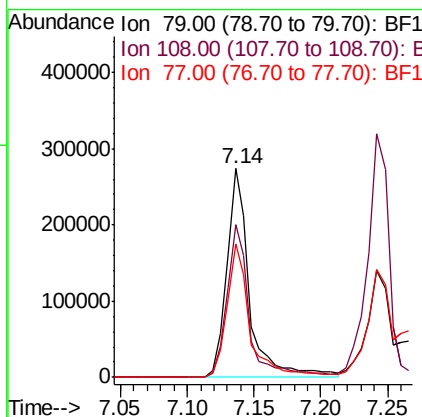
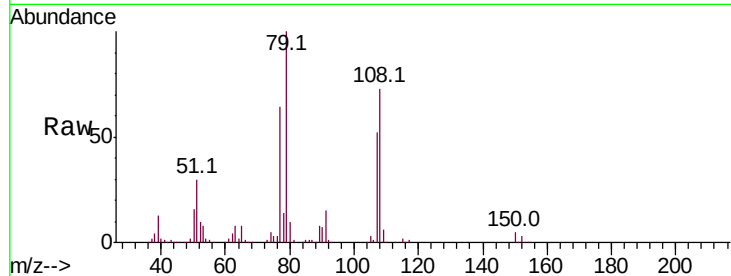
ClientSampleId :

PB112238BS

Tot Ion	Ratio	Lower	Upper
79	100		
108	73.1	65.1	97.7
77	64.0	50.6	75.8

Manual Integrations
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#16

2,2'-oxybis(1-chloropropane)

Concen: 38.853 ng

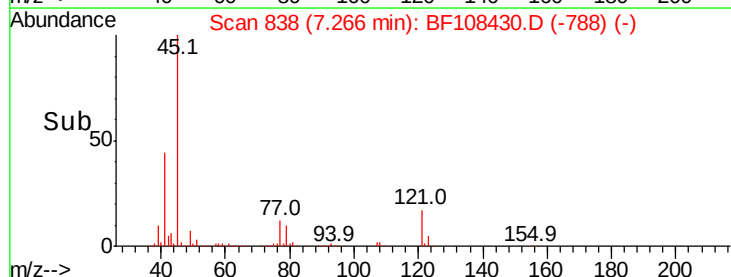
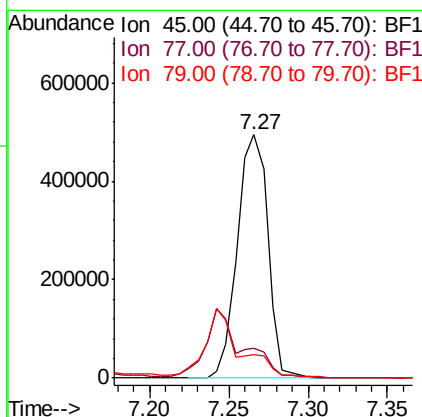
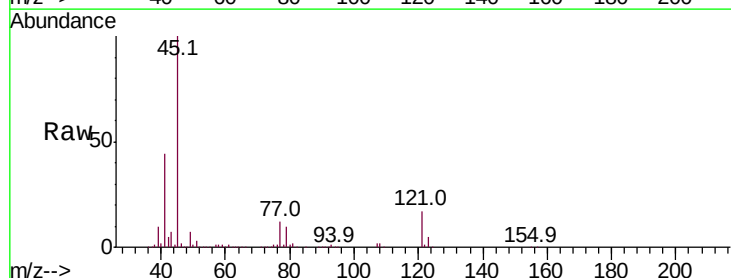
RT: 7.27 min Scan# 838

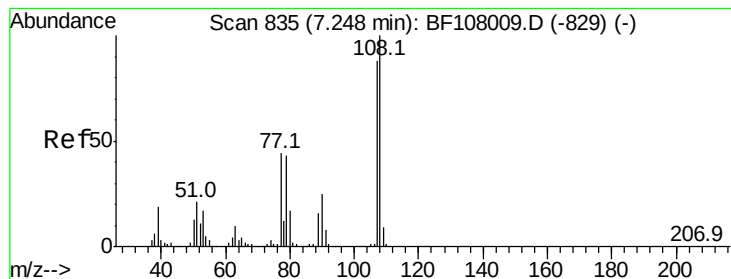
Delta R.T. -0.01 min

Lab File: BF108430.D

Acq: 23 Aug 2018 19:37

Tgt Ion	Ratio	Lower	Upper
45	100		
77	12.5	0.0	32.9
79	9.8	0.0	29.6





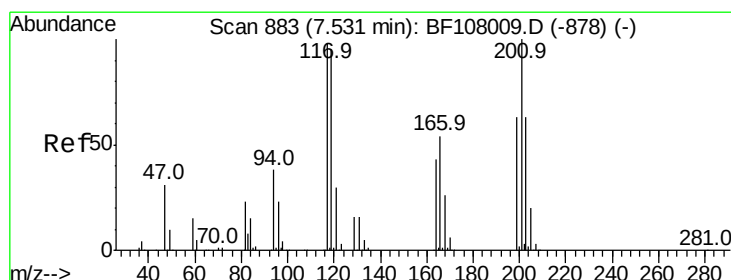
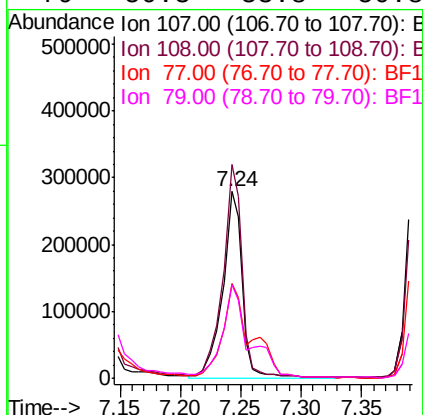
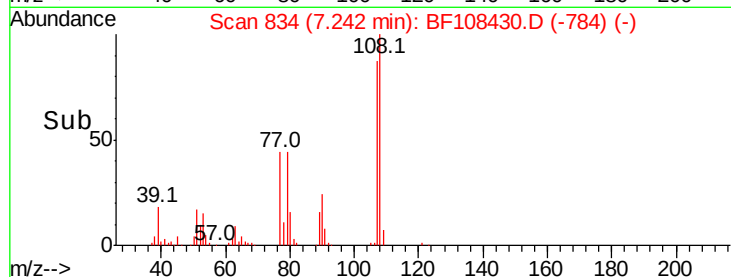
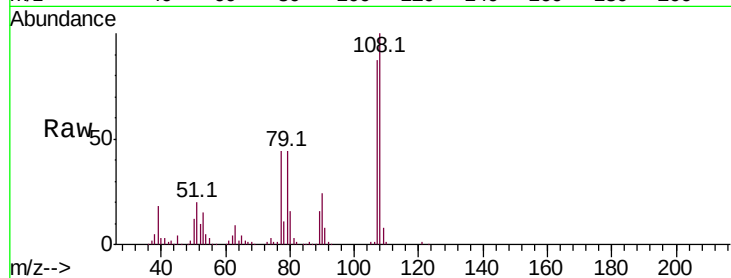
#17
2-Methylphenol
Concen: 43.541 ng
RT: 7.24 min Scan# 834
Delta R.T. -0.01 min
Lab File: BF108430.D
Acq: 23 Aug 2018 19:37

Instrument :
BNA_F
ClientSampleID :
PB112238BS

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	114.6	91.7	137.5	
77	50.5	33.8	50.8	
79	50.3	33.8	50.8	

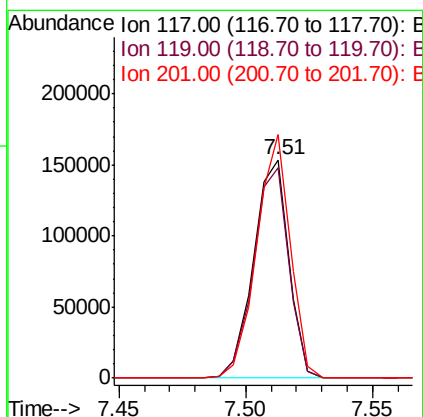
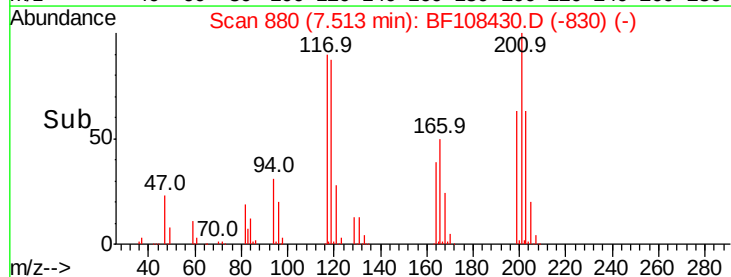
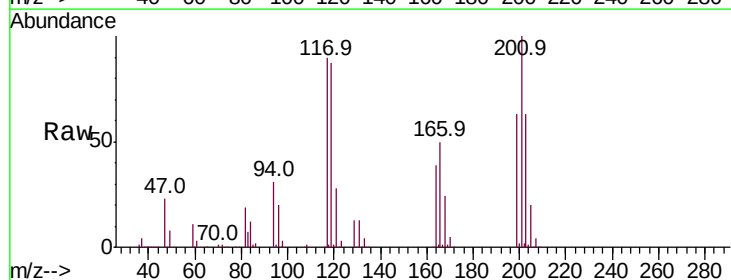
Manual Integrations
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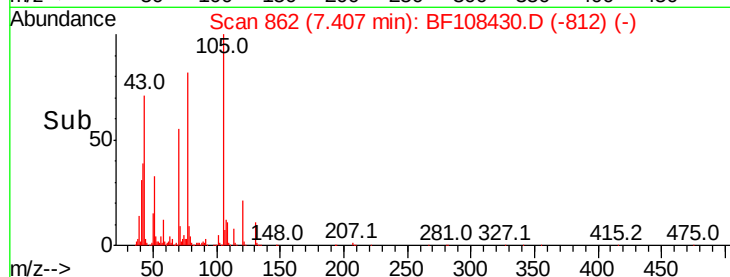
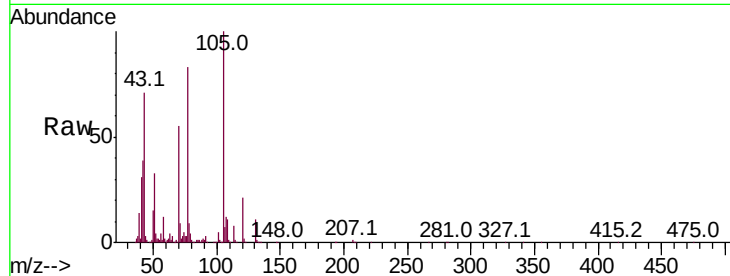
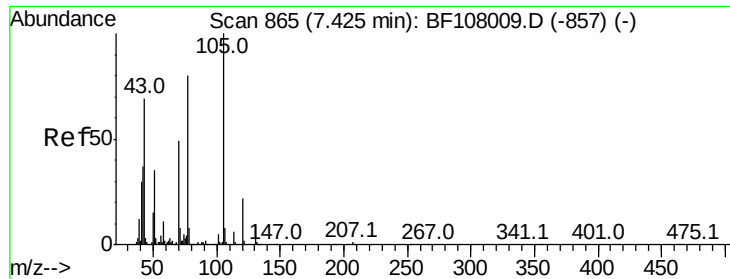
Sohil
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#18
Hexachloroethane
Concen: 43.161 ng
RT: 7.51 min Scan# 880
Delta R.T. -0.01 min
Lab File: BF108430.D
Acq: 23 Aug 2018 19:37

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	96.6	75.8	113.8	
201	111.6	75.7	113.5	





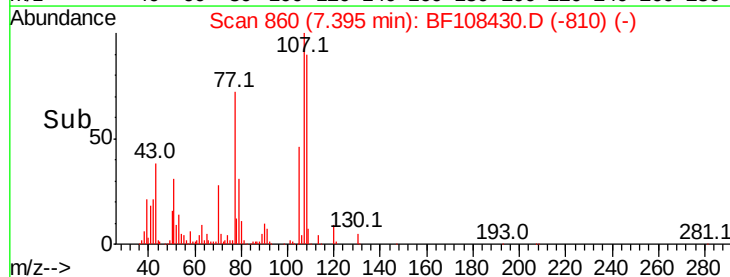
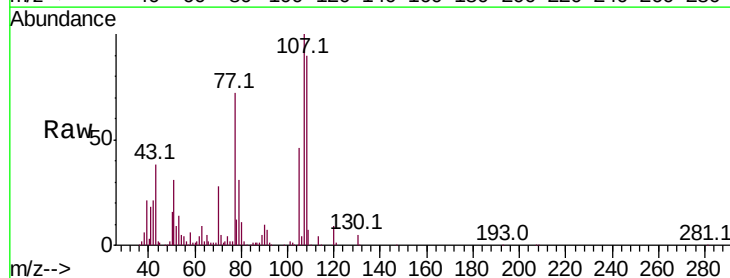
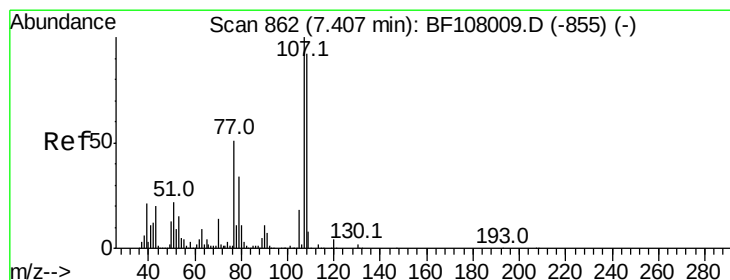
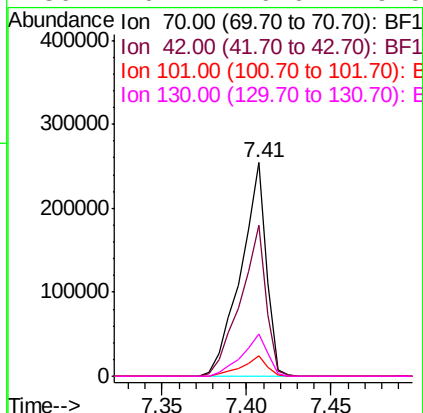
#19
n-Nitroso-di-n-propylamine
Concen: 40.334 ng
RT: 7.41 min Scan# 862
Delta R.T. -0.01 min
Lab File: BF108430.D
Acq: 23 Aug 2018 19:37

Instrument :
BNA_F
ClientSampleId :
PB112238BS

Manual Integrations
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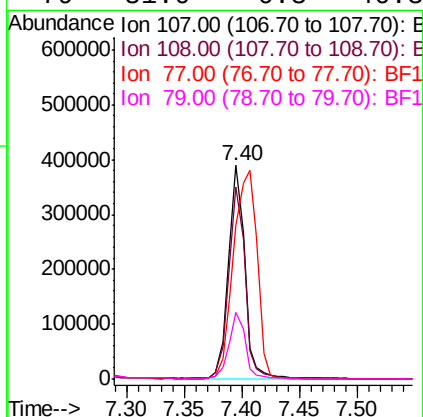
Sohil
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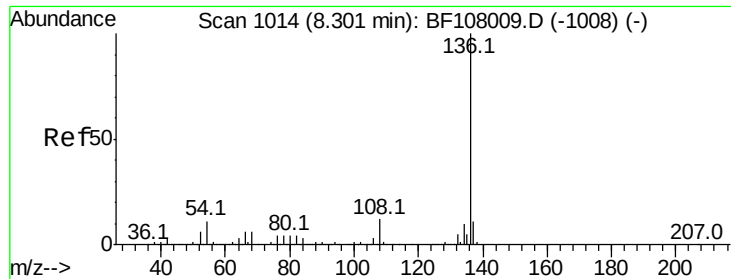
Tot Ion	Ratio	Lower	Upper
70	100		
42	70.7	47.5	71.3
101	9.8	7.4	11.2
130	20.1	16.6	25.0



#20
3+4-Methylphenols
Concen: 41.465 ng
RT: 7.40 min Scan# 860
Delta R.T. -0.01 min
Lab File: BF108430.D
Acq: 23 Aug 2018 19:37

Tgt Ion	Ratio	Lower	Upper
107	100		
108	90.2	68.2	108.2
77	71.8	26.7	66.7#
79	31.0	6.3	46.3





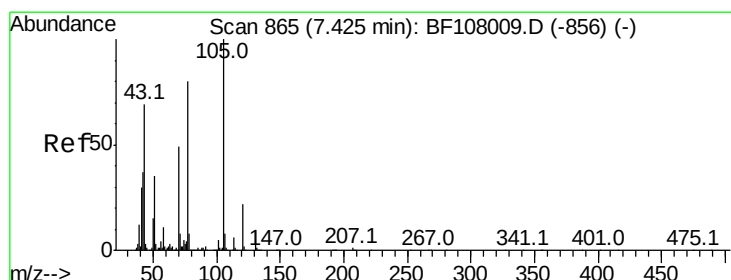
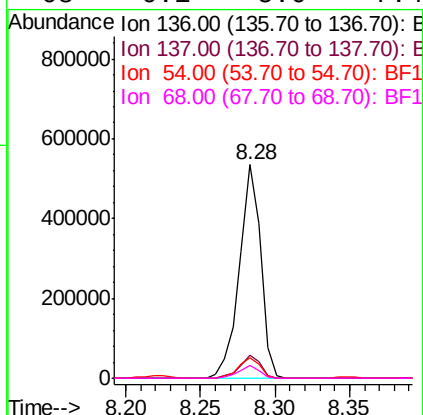
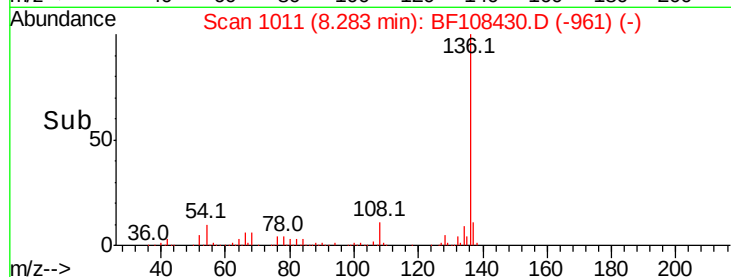
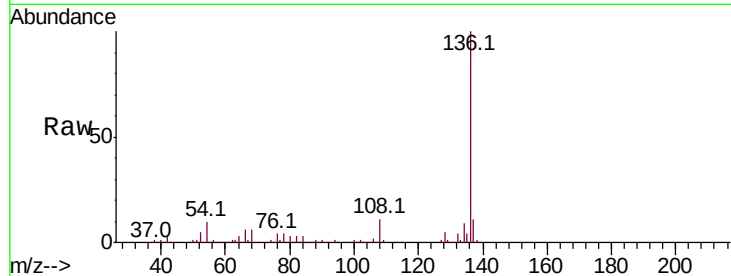
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.28 min Scan# 1011
Delta R.T. -0.01 min
Lab File: BF108430.D
Acq: 23 Aug 2018 19:37

Instrument :
BNA_F
ClientSampleId :
PB112238BS

Tot Ion	Ratio	Resp	Lower	Upper
136	100			
137	10.9	8.9	13.3	
54	9.9	6.6	9.8#	
68	6.1	5.0	7.4	

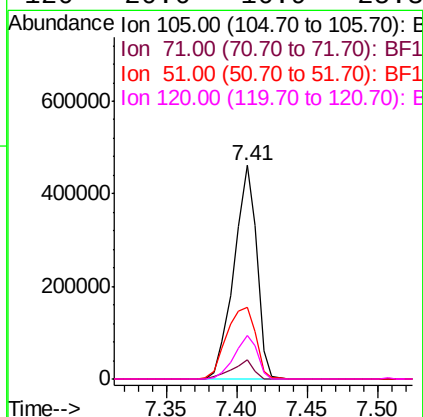
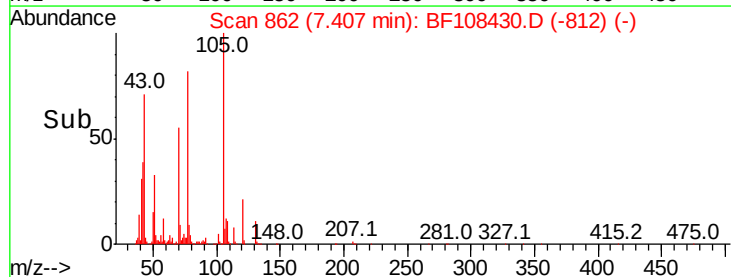
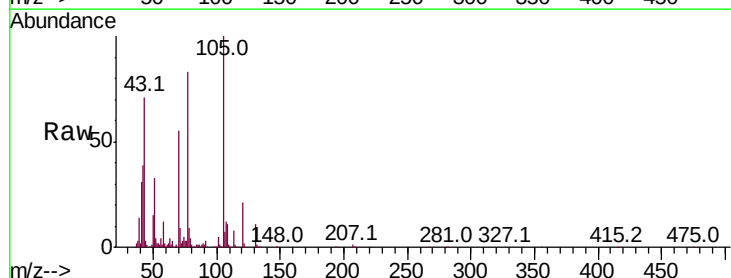
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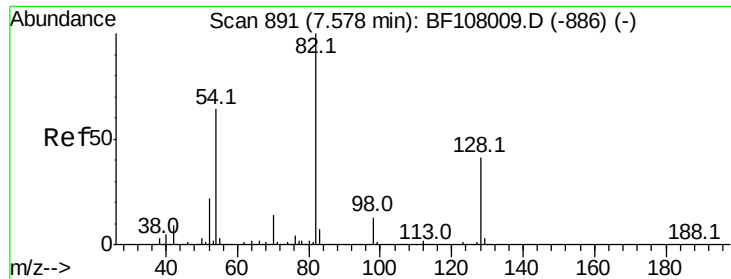
Sohil
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#22
Acetophenone
Concen: 41.387 ng
RT: 7.41 min Scan# 862
Delta R.T. -0.01 min
Lab File: BF108430.D
Acq: 23 Aug 2018 19:37

Tgt Ion	Ratio	Resp	Lower	Upper
105	100			
71	8.8	4.4	6.6#	
51	33.5	22.3	33.5#	
120	20.6	16.9	25.3	





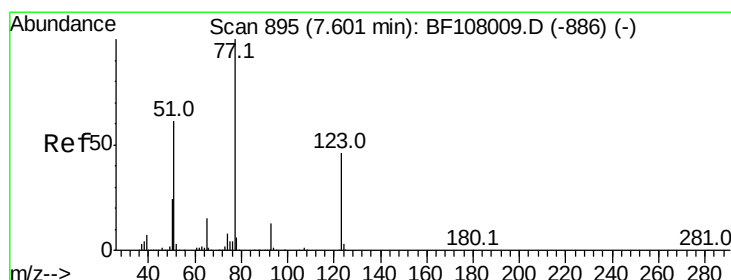
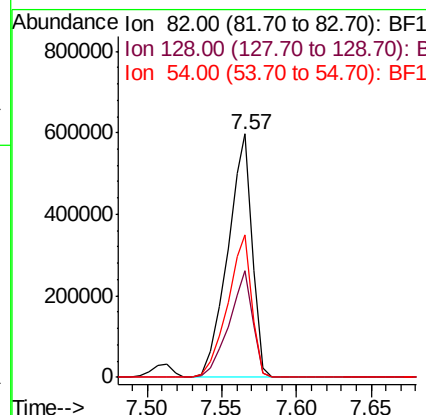
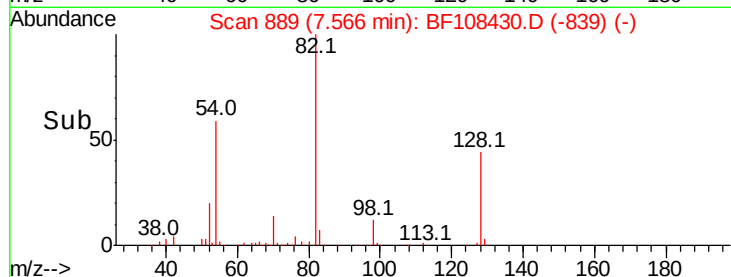
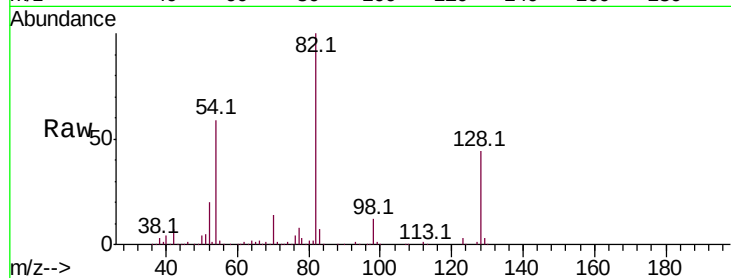
#23
Nitrobenzene-d5
Concen: 71.688 ng
RT: 7.57 min Scan# 889
Delta R.T. -0.01 min
Lab File: BF108430.D
Acq: 23 Aug 2018 19:37

Instrument :
BNA_F
ClientSampleId :
PB112238BS

Tot Ion	Ratio	Resp	Lower	Upper
82	100			
128	43.7	36.1	54.1	
54	58.7	41.4	62.2	

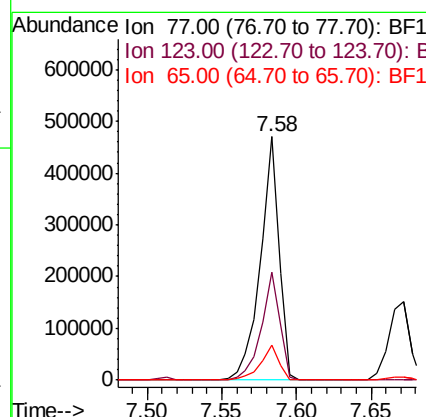
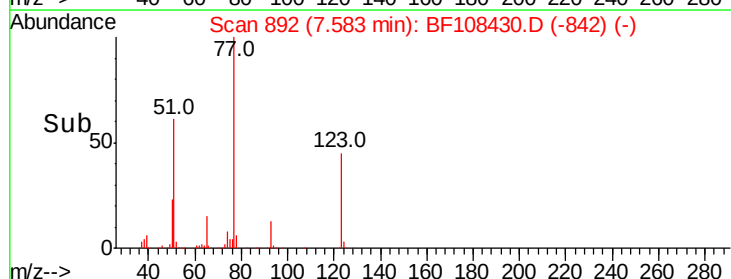
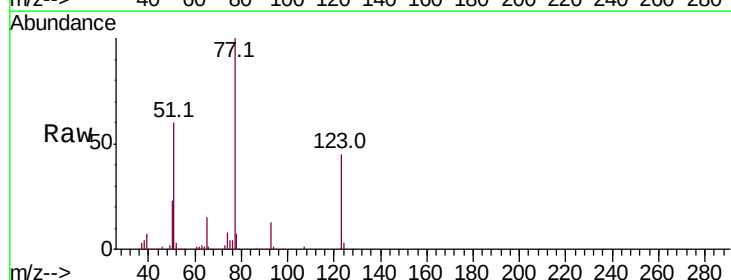
Manual Integrations
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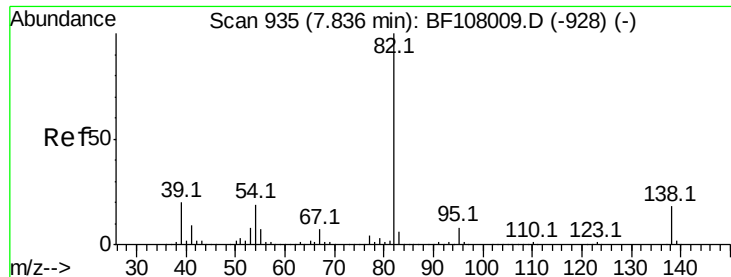
Sohil
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#24
Nitrobenzene
Concen: 41.734 ng
RT: 7.58 min Scan# 892
Delta R.T. -0.01 min
Lab File: BF108430.D
Acq: 23 Aug 2018 19:37

Tgt Ion	Ratio	Resp	Lower	Upper
77	100			
123	44.6	37.9	56.9	
65	14.6	11.0	16.4	





#25

Isophorone

Concen: 40.451 ng

RT: 7.82 min Scan# 932

Delta R.T. -0.01 min

Lab File: BF108430.D

Acq: 23 Aug 2018 19:37

Instrument :

BNA_F

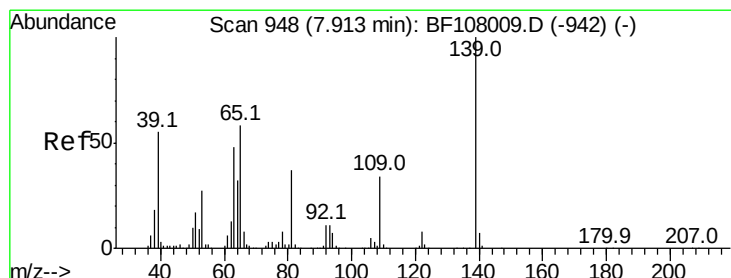
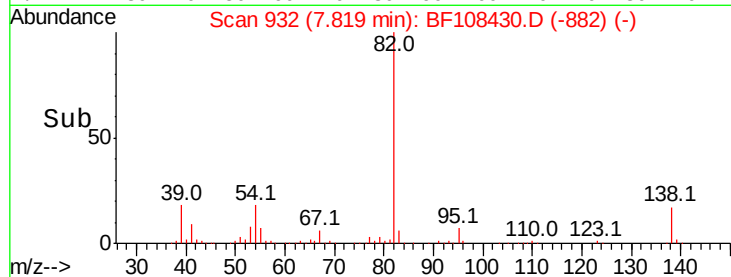
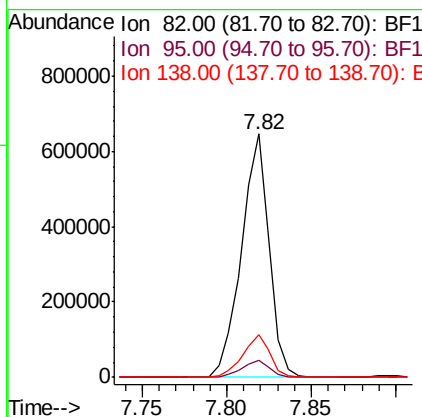
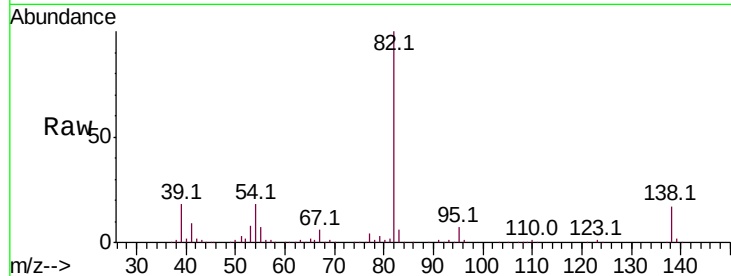
ClientSampleId :

PB112238BS

Tot Ion:	82	Resp:	739598
Ion Ratio	Lower	Upper	
82	100		
95	7.1	5.2	7.8
138	17.4	14.9	22.3

Manual Integrations
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#26

2-Nitrophenol

Concen: 48.682 ng

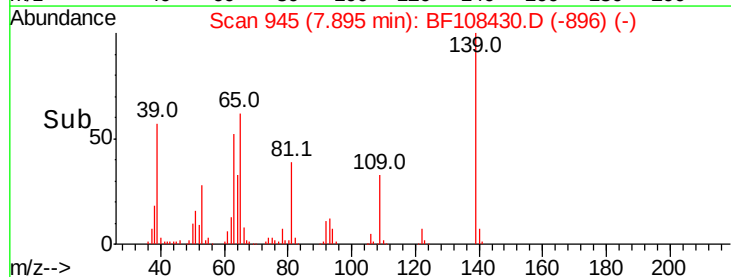
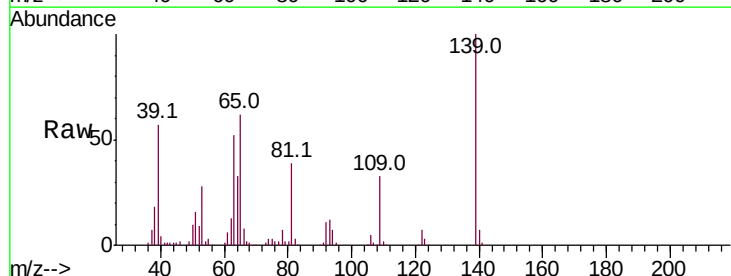
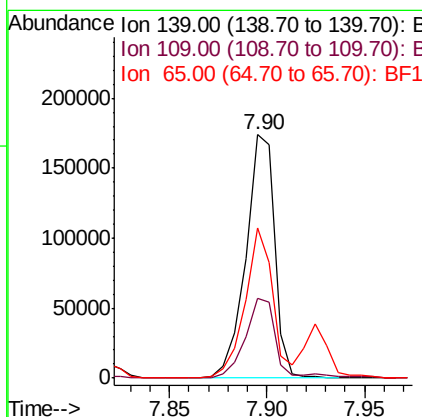
RT: 7.90 min Scan# 945

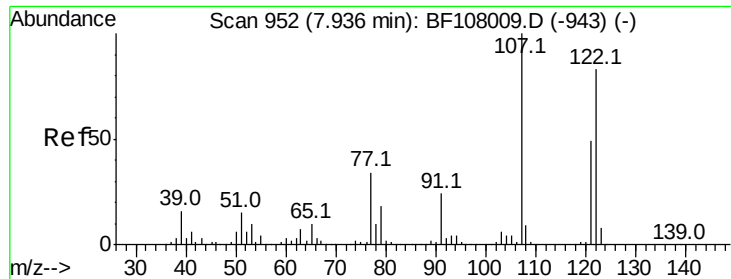
Delta R.T. -0.01 min

Lab File: BF108430.D

Acq: 23 Aug 2018 19:37

Tgt Ion:	139	Resp:	178333
Ion Ratio	Lower	Upper	
139	100		
109	33.0	22.7	34.1
65	61.9	40.5	60.7#





#27

2,4-Dimethylphenol

Concen: 41.910 ng

RT: 7.92 min Scan# 950

Delta R.T. -0.01 min

Lab File: BF108430.D

Acq: 23 Aug 2018 19:37

Instrument :

BNA_F

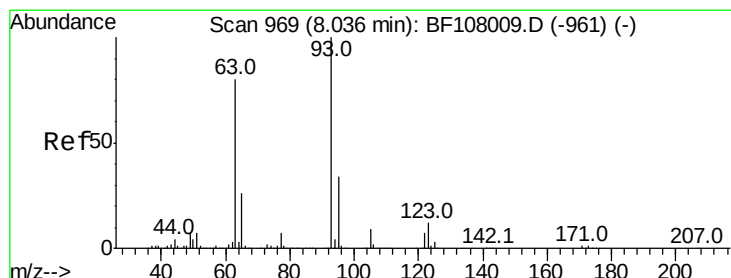
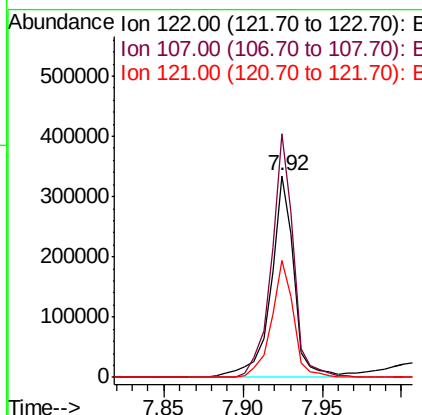
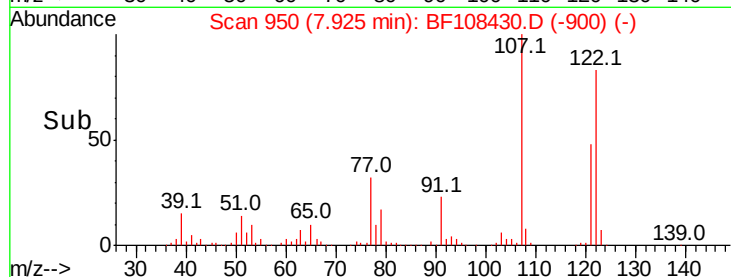
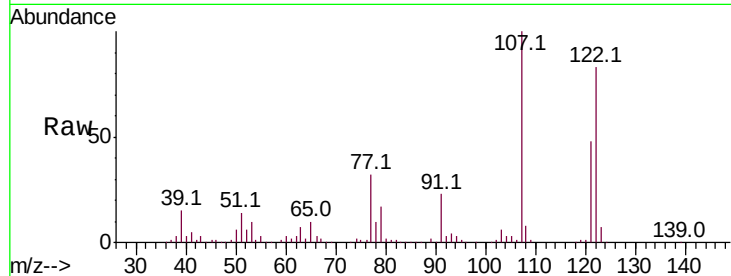
ClientSampled :

PB112238BS

Tot Ion:	122	Resp:	340093
Ion Ratio	Lower	Upper	
122	100		
107	120.9	91.2	136.8
121	57.8	47.2	70.8

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#28

bis(2-Chloroethoxy)methane

Concen: 41.811 ng

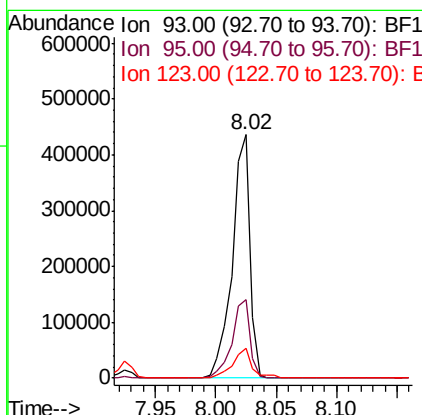
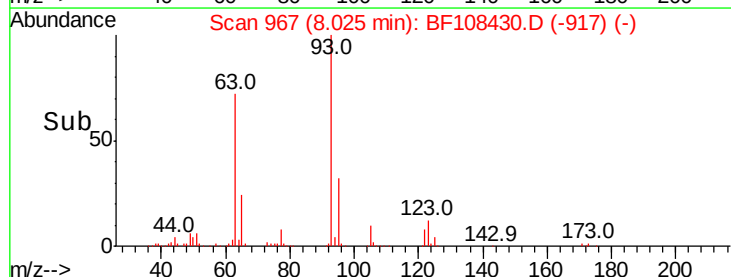
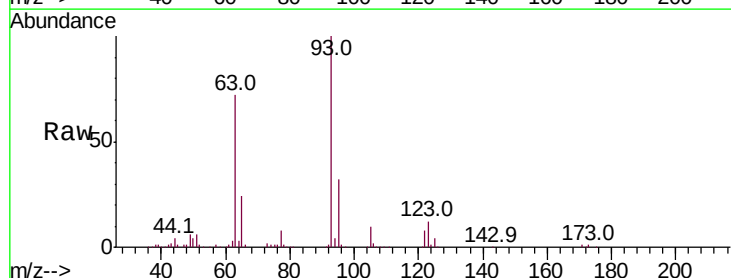
RT: 8.02 min Scan# 967

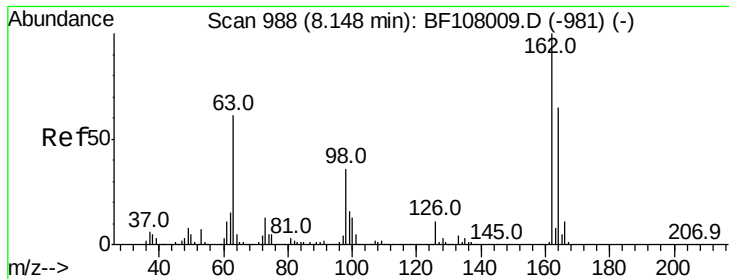
Delta R.T. -0.01 min

Lab File: BF108430.D

Acq: 23 Aug 2018 19:37

Tgt Ion:	93	Resp:	446276
Ion Ratio	Lower	Upper	
93	100		
95	32.3	26.3	39.5
123	12.2	9.8	14.6





#29

2,4-Dichlorophenol

Concen: 43.338 ng

RT: 8.14 min Scan# 986

Delta R.T. -0.01 min

Lab File: BF108430.D

Acq: 23 Aug 2018 19:37

Instrument :

BNA_F

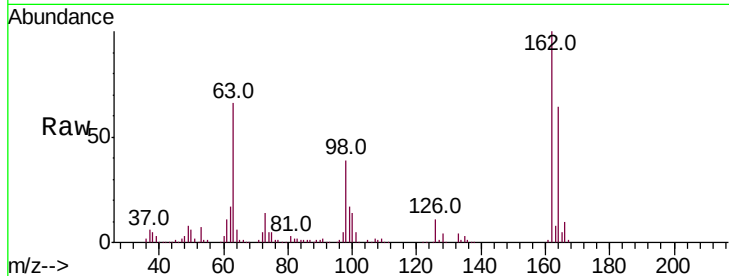
ClientSampleId :

PB112238BS

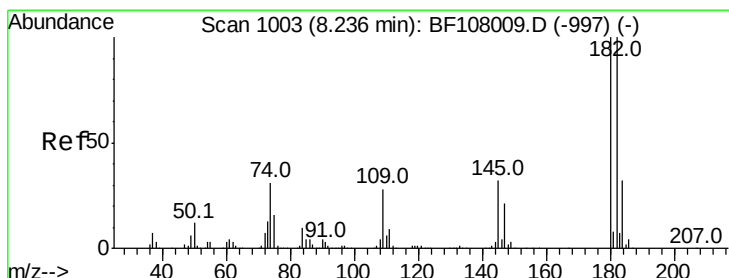
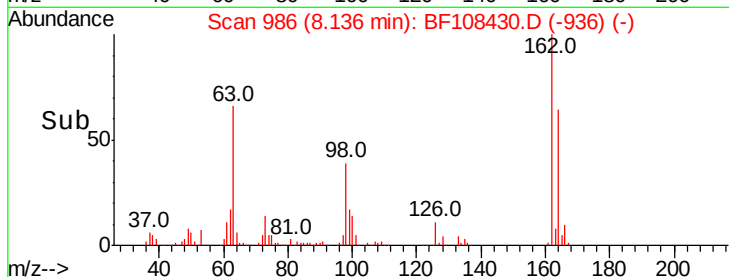
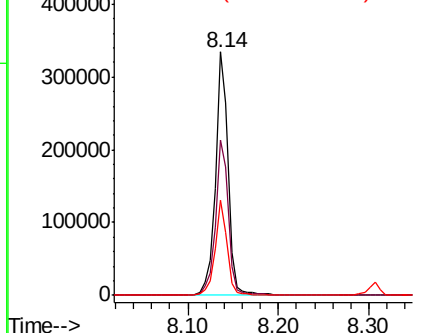
Tot Ion:	162	Resp:	323644
Ion Ratio	Lower	Upper	
162	100		
164	63.8	42.7	82.7
98	39.1	18.1	58.1

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



#30

1,2,4-Trichlorobenzene

Concen: 42.068 ng

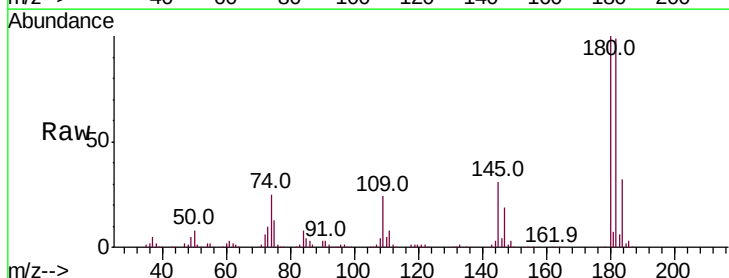
RT: 8.22 min Scan# 1001

Delta R.T. -0.01 min

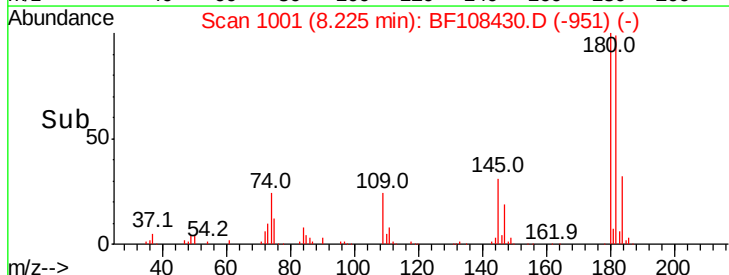
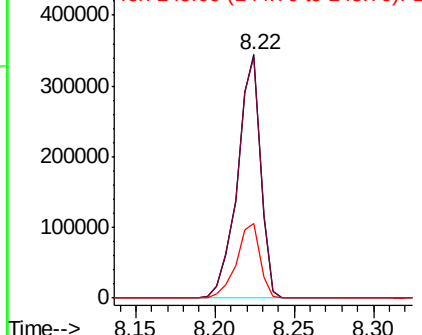
Lab File: BF108430.D

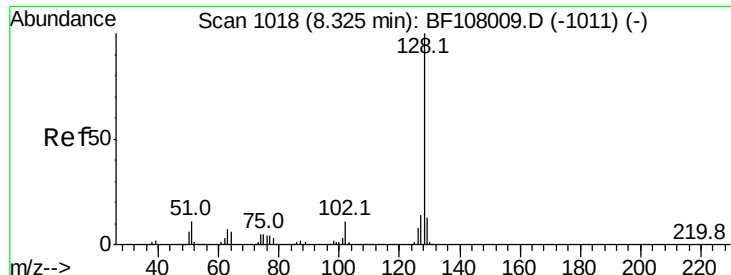
Acq: 23 Aug 2018 19:37

Tgt Ion:	180	Resp:	346370
Ion Ratio	Lower	Upper	
180	100		
182	99.3	76.8	115.2
145	30.9	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





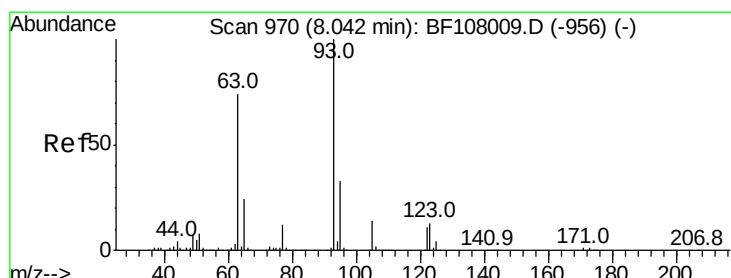
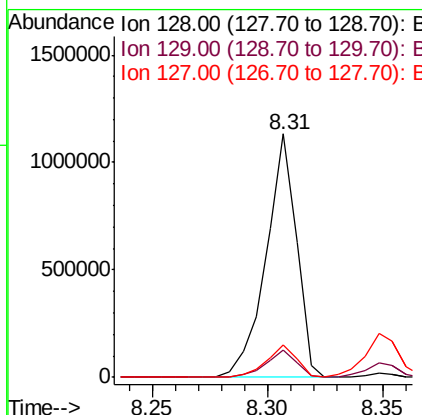
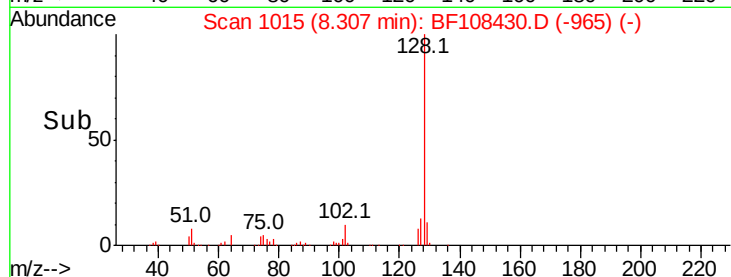
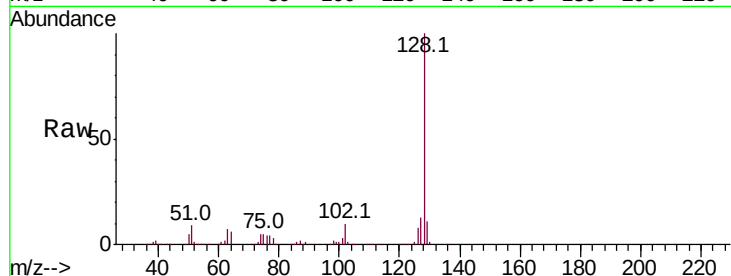
#31
Naphthalene
Concen: 42.766 ng
RT: 8.31 min Scan# 1015
Delta R.T. -0.01 min
Lab File: BF108430.D
Acq: 23 Aug 2018 19:37

Instrument :
BNA_F
ClientSampleId :
PB112238BS

Tot Ion	Ratio	Lower	Upper
128	100		
129	11.4	8.8	13.2
127	13.5	10.9	16.3

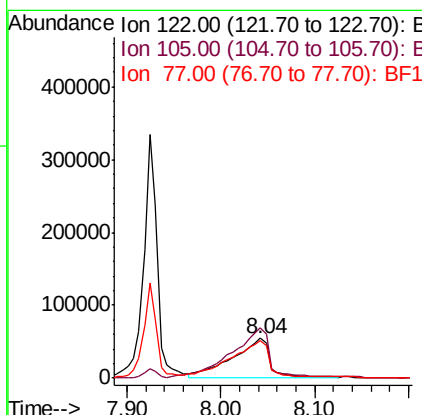
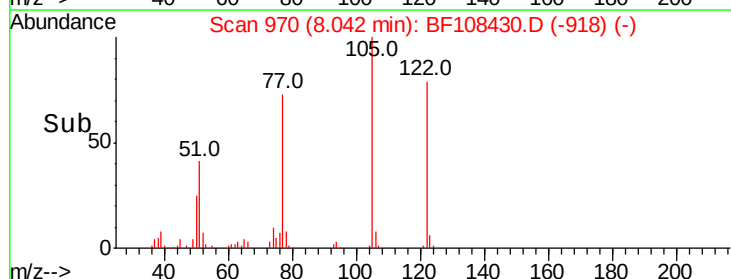
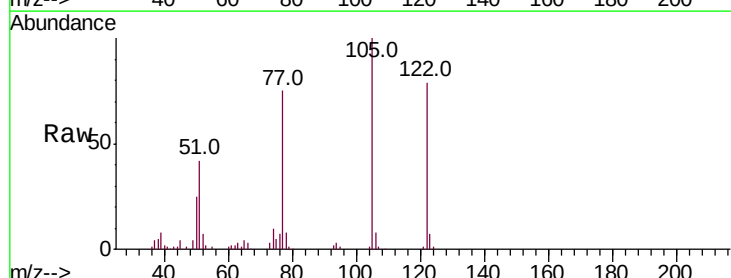
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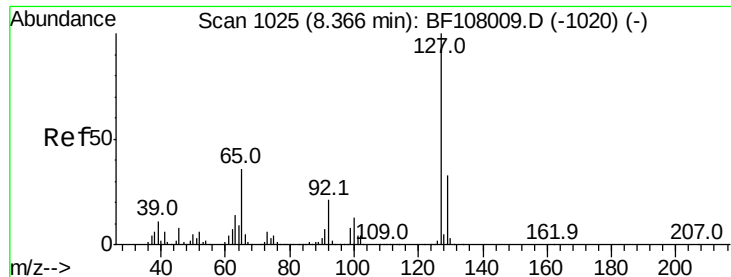
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#32
Benzoic acid
Concen: 33.314 ng
RT: 8.04 min Scan# 970
Delta R.T. 0.01 min
Lab File: BF108430.D
Acq: 23 Aug 2018 19:37

Tgt Ion	Ratio	Lower	Upper
122	100		
105	127.2	101.1	141.1
77	95.6	70.7	110.7





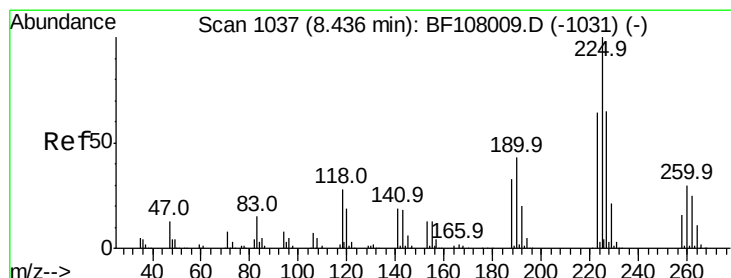
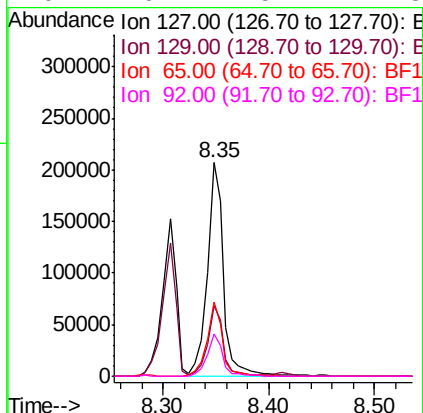
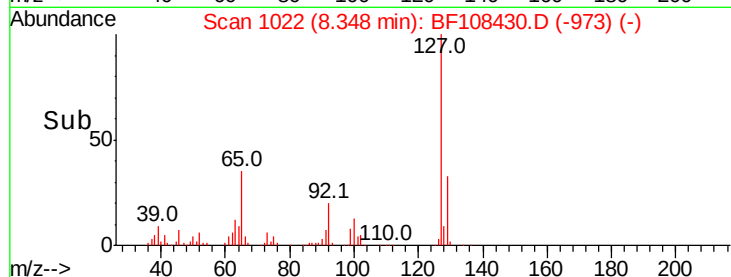
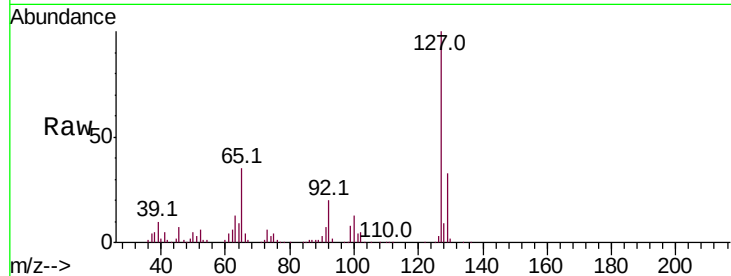
#33
4-Chloroaniline
Concen: 20.714 ng
RT: 8.35 min Scan# 1022
Delta R.T. -0.01 min
Lab File: BF108430.D
Acq: 23 Aug 2018 19:37

Instrument :
BNA_F
ClientSampleId :
PB112238BS

Tot Ion	Ratio	Resp	Lower	Upper
127	100			
129	33.2	25.9	38.9	
65	34.8	25.0	37.4	
92	20.1	15.2	22.8	

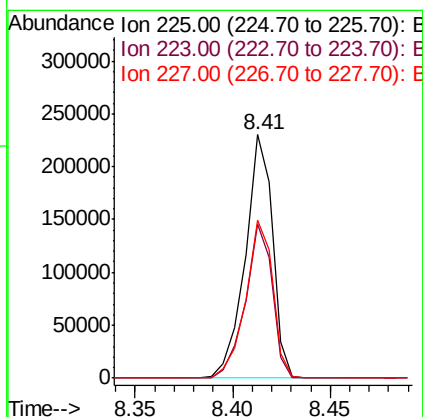
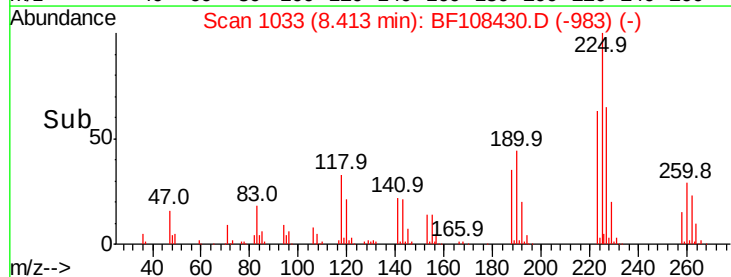
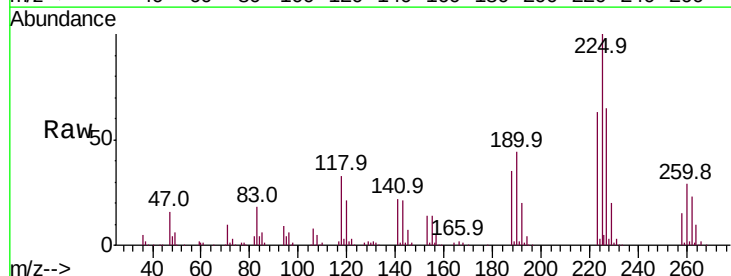
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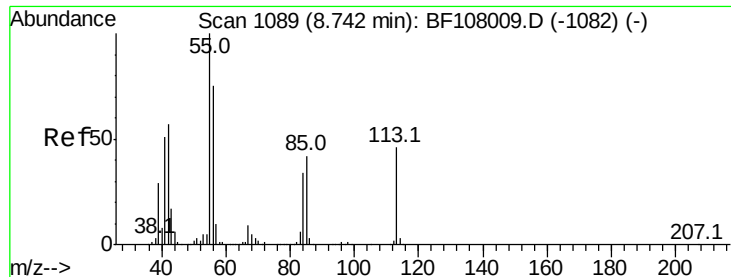
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#34
Hexachlorobutadiene
Concen: 42.765 ng
RT: 8.41 min Scan# 1033
Delta R.T. -0.01 min
Lab File: BF108430.D
Acq: 23 Aug 2018 19:37

Tgt Ion	Ratio	Resp	Lower	Upper
225	100			
223	63.5	50.6	76.0	
227	64.6	51.9	77.9	





#35

Caprolactam

Concen: 40.106 ng/ml

RT: 8.72 min Scan# 1086

Delta R.T. -0.01 min

Lab File: BF108430.D

Acq: 23 Aug 2018 19:37

Instrument :

BNA_F

ClientSampleID :

PB112238BS

Tot Ion:113 Resp: 93857

Ion Ratio Lower Upper

113 100

55 212.6 163.3 203.3#

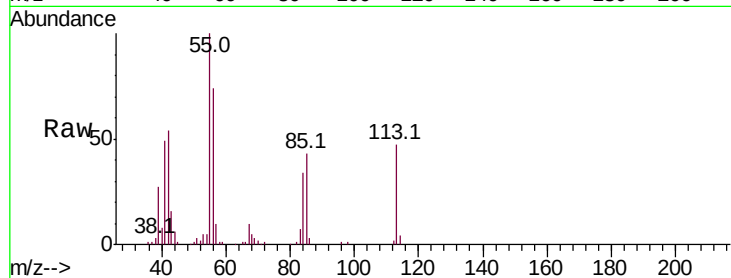
56 157.3 115.7 155.7#

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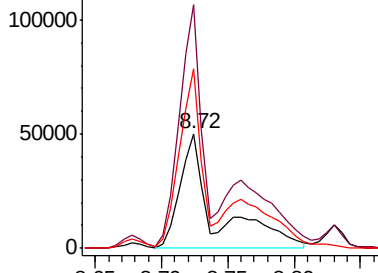
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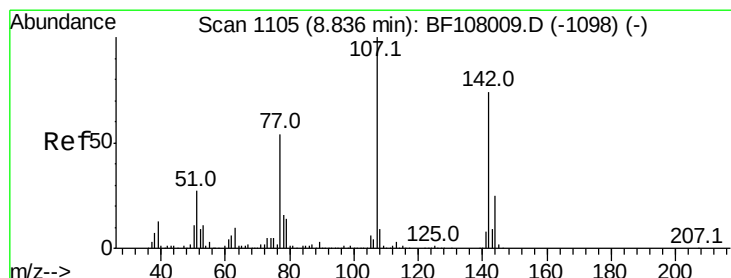
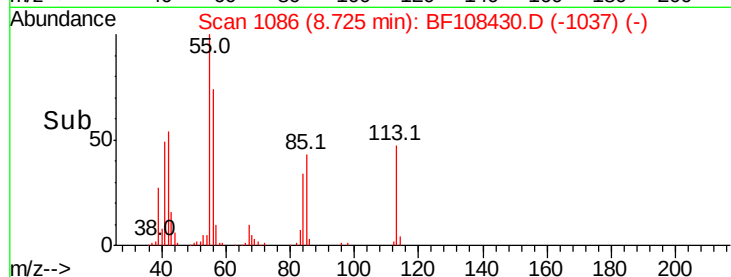
Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF1

Ion 56.00 (55.70 to 56.70): BF1



Time-->



#36

4-Chloro-3-methylphenol

Concen: 42.784 ng/ml

RT: 8.83 min Scan# 1104

Delta R.T. -0.00 min

Lab File: BF108430.D

Acq: 23 Aug 2018 19:37

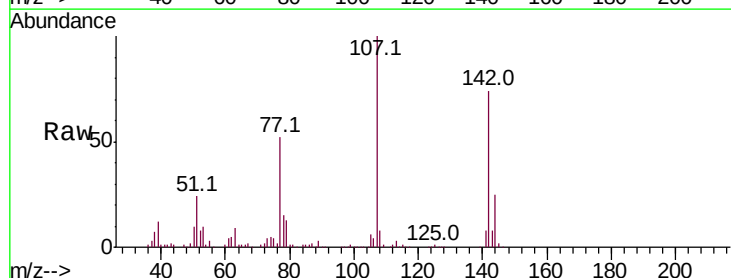
Tgt Ion:107 Resp: 344677

Ion Ratio Lower Upper

107 100

144 24.5 20.5 30.7

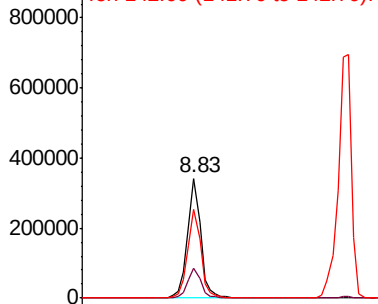
142 74.4 62.0 93.0



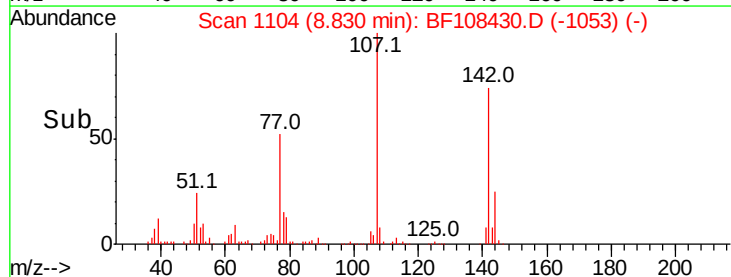
Abundance Ion 107.00 (106.70 to 107.70): E

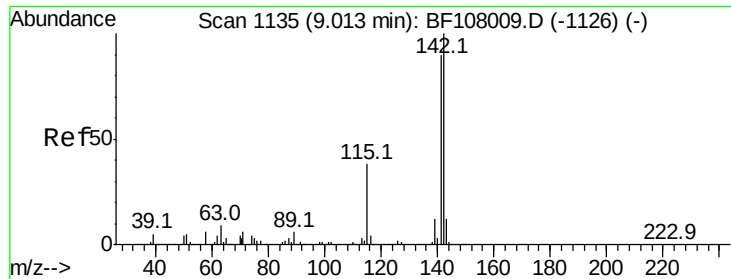
Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E



Time-->





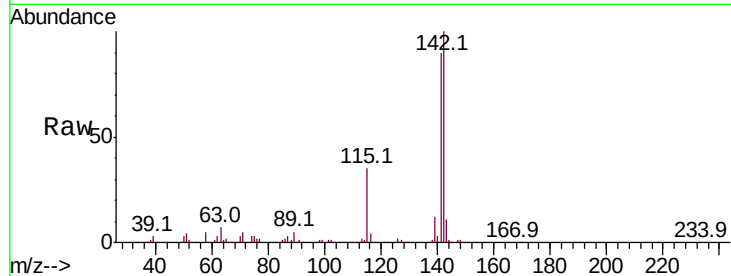
#37
2-Methylnaphthalene
Concen: 42.280 ng
RT: 9.00 min Scan# 1133
Delta R.T. -0.01 min
Lab File: BF108430.D
Acq: 23 Aug 2018 19:37

Instrument :
BNA_F
ClientSampleId :
PB112238BS

Tot Ion	Ratio	Lower	Upper
142	100		
141	89.9	70.8	106.2
115	35.5	26.1	39.1

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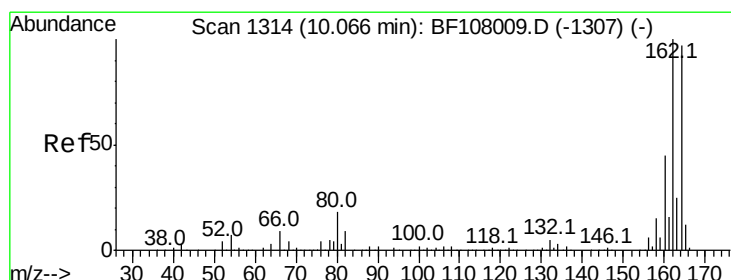
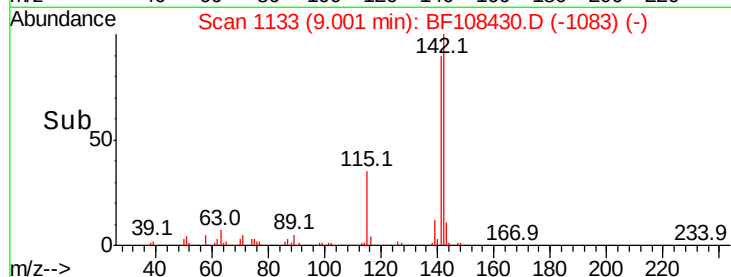
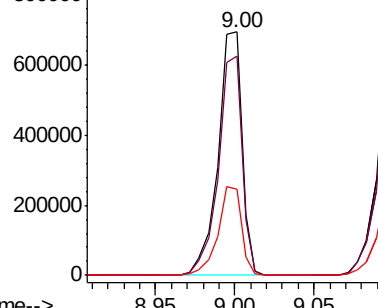


Abundance

Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.05 min Scan# 1311
Delta R.T. -0.01 min
Lab File: BF108430.D
Acq: 23 Aug 2018 19:37

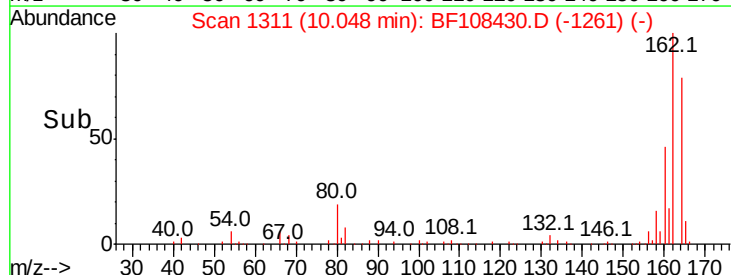
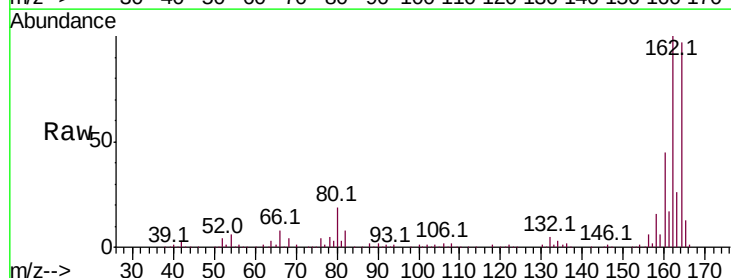
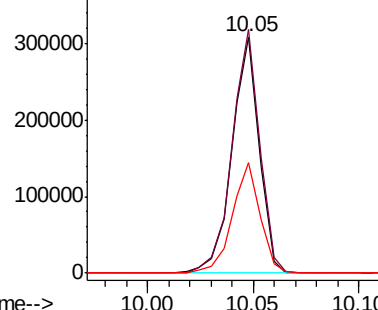
Tgt Ion	Ratio	Lower	Upper
164	100		
162	102.9	86.1	129.1
160	46.7	38.3	57.5

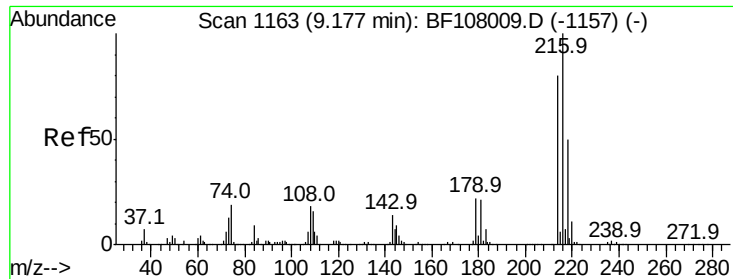
Abundance

Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E





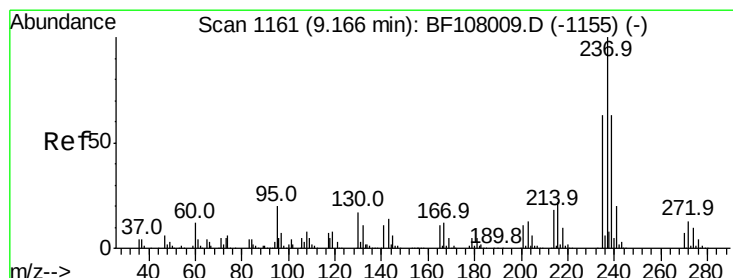
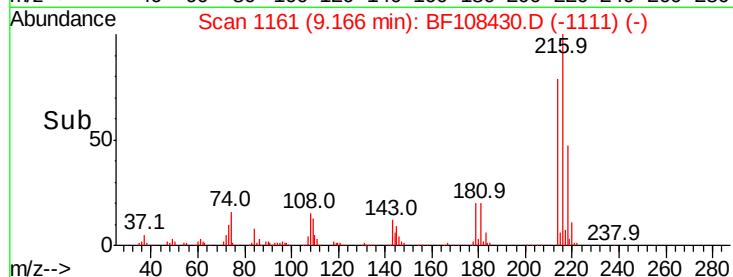
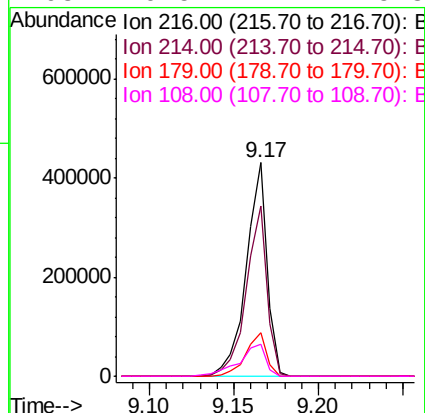
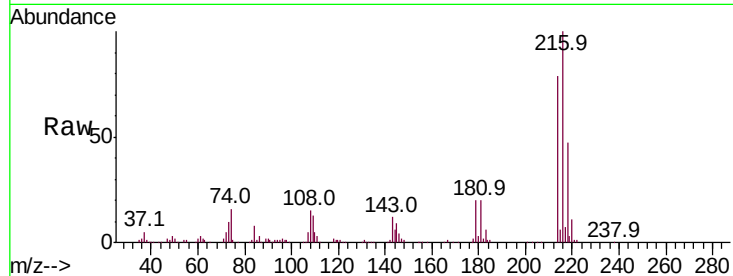
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 43.664 ng
 RT: 9.17 min Scan# 1161
 Delta R.T. -0.01 min
 Lab File: BF108430.D
 Acq: 23 Aug 2018 19:37

Instrument :
 BNA_F
 ClientSampleId :
 PB112238BS

Tot Ion	Ratio	Resp Lower	Upper
216	100		
214	79.4	63.0	94.4
179	20.3	18.1	27.1
108	19.5	17.2	25.8

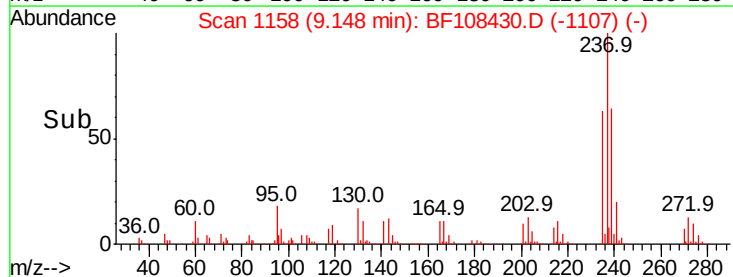
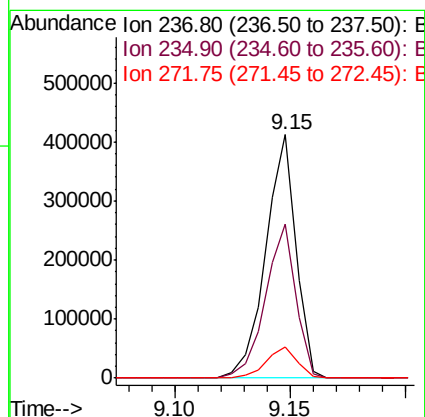
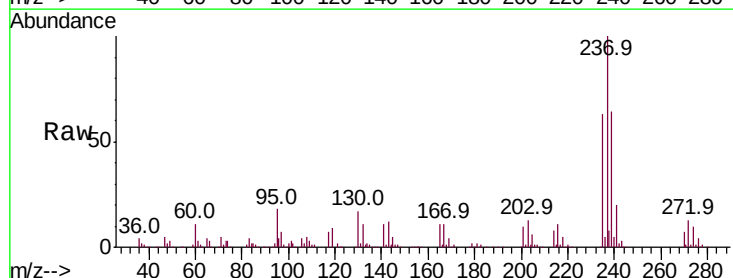
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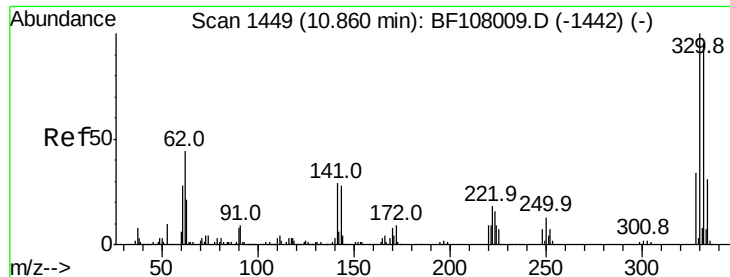
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#40
 Hexachlorocyclopentadiene
 Concen: 68.474 ng
 RT: 9.15 min Scan# 1158
 Delta R.T. -0.00 min
 Lab File: BF108430.D
 Acq: 23 Aug 2018 19:37

Tgt Ion	Ratio	Resp Lower	Upper
237	100		
235	63.0	44.8	84.8
272	13.0	0.0	33.3





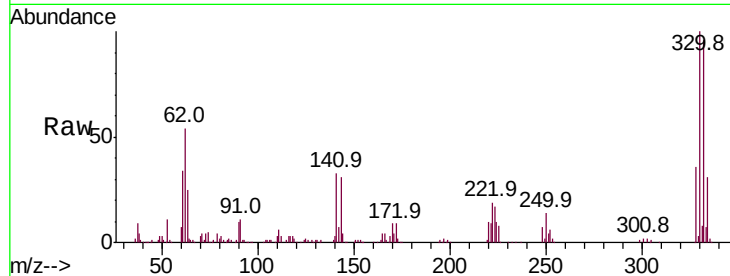
#41
 2,4,6-Tribromophenol
 Concen: 115.738 ng
 RT: 10.84 min Scan# 1446
 Delta R.T. -0.01 min
 Lab File: BF108430.D
 Acq: 23 Aug 2018 19:37

Instrument :
 BNA_F
 ClientSampleId :
 PB112238BS

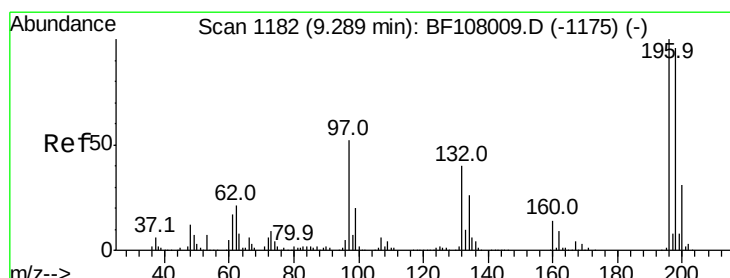
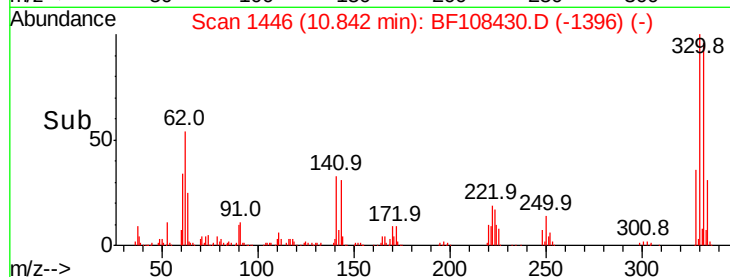
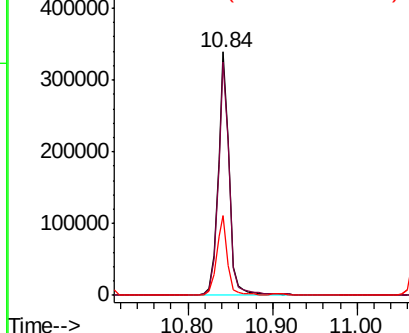
Tot Ion	Ratio	Resp	Lower	Upper
330	100			
332	95.9	77.0	115.6	
141	32.3	29.9	44.9	

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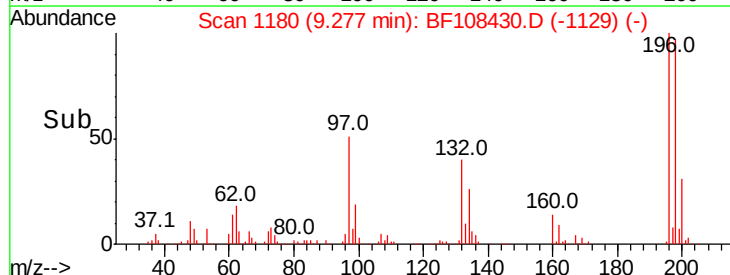
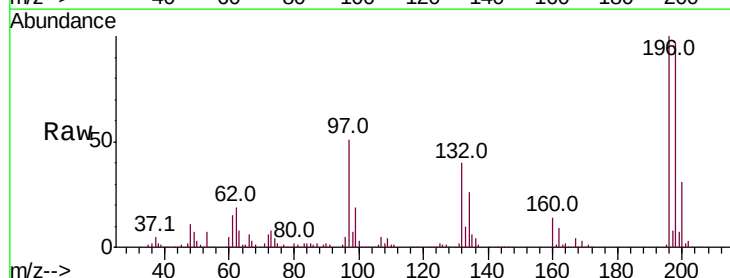
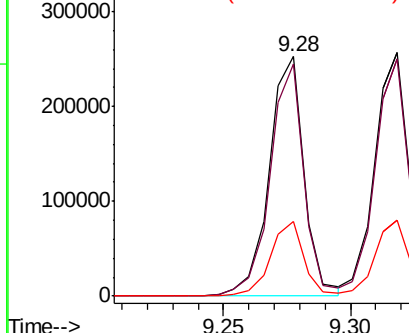
Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

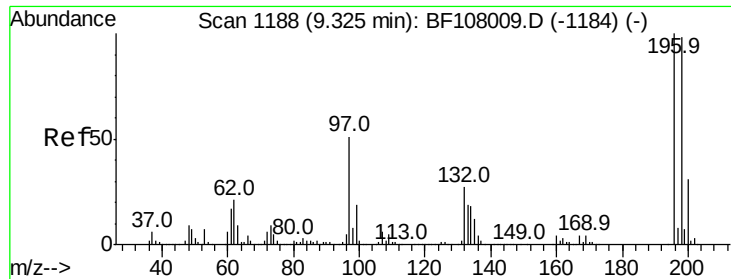


#42
 2,4,6-Trichlorophenol
 Concen: 45.360 ng
 RT: 9.28 min Scan# 1180
 Delta R.T. -0.00 min
 Lab File: BF108430.D
 Acq: 23 Aug 2018 19:37

Tgt Ion	Ratio	Resp	Lower	Upper
196	100			
198	97.0	75.7	113.5	
200	31.2	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





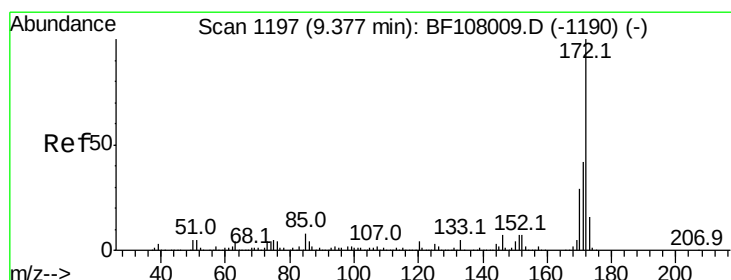
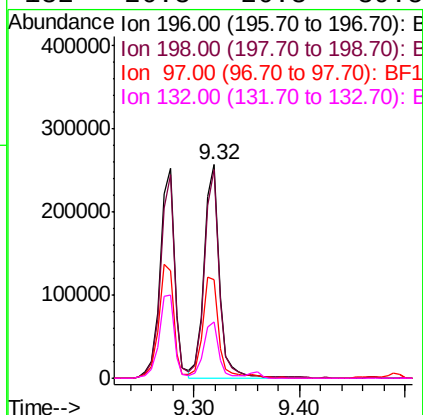
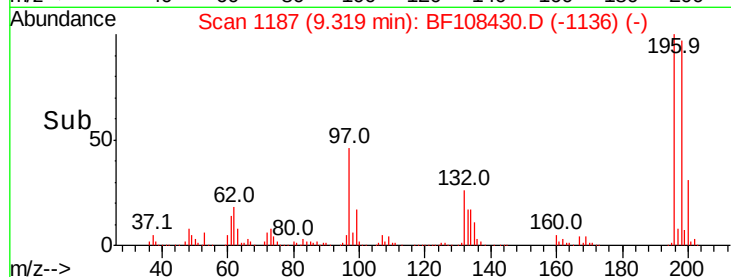
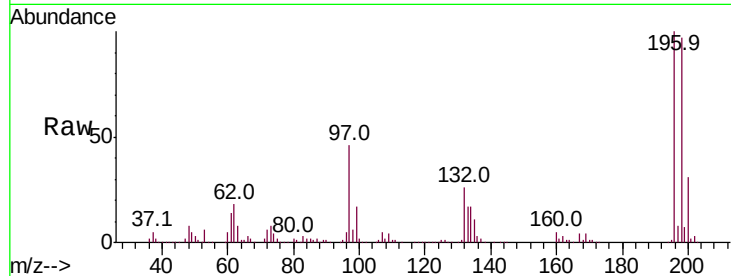
#43
 2,4,5-Trichlorophenol
 Concen: 44.528 ng
 RT: 9.32 min Scan# 1187
 Delta R.T. -0.00 min
 Lab File: BF108430.D
 Acq: 23 Aug 2018 19:37

Instrument :
 BNA_F
 ClientSampleId :
 PB112238BS

Tot Ion	Ratio	Resp	Lower	Upper
196	100	259016		
198	97.4		74.6	112.0
97	46.3		42.9	64.3
132	26.3		26.3	39.5

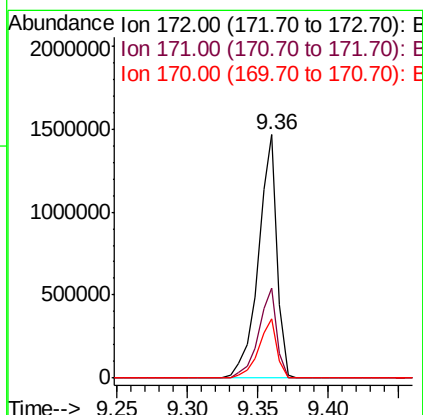
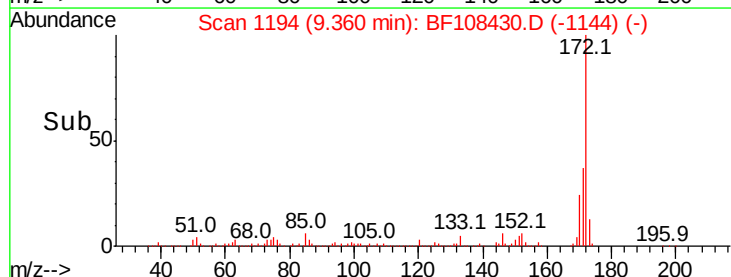
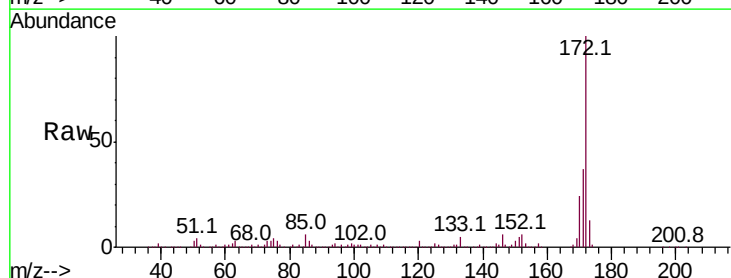
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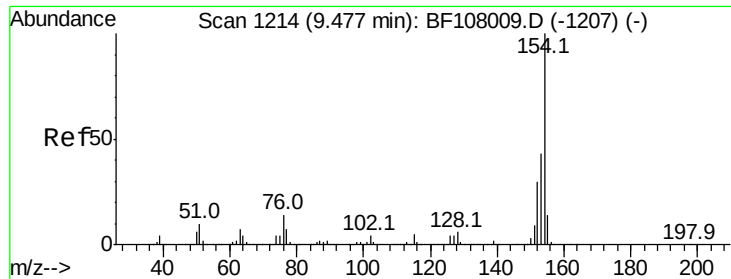
Sohil
 8/24/2018 12:14:07 PM



#44
 2-Fluorobiphenyl
 Concen: 78.884 ng
 RT: 9.36 min Scan# 1194
 Delta R.T. -0.01 min
 Lab File: BF108430.D
 Acq: 23 Aug 2018 19:37

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	1362454		
171	36.8		29.7	44.5
170	24.5		19.6	29.4





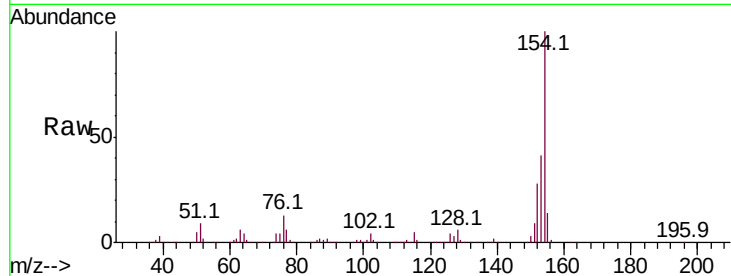
#45
1,1'-Biphenyl
Concen: 44.009 ng
RT: 9.46 min Scan# 1211
Delta R.T. -0.01 min
Lab File: BF108430.D
Acq: 23 Aug 2018 19:37

Instrument :
BNA_F
ClientSampleId :
PB112238BS

Tot Ion	Ratio	Resp	Lower	Upper
154	100			
153	40.8	21.3	61.3	
76	13.4	0.0	34.0	

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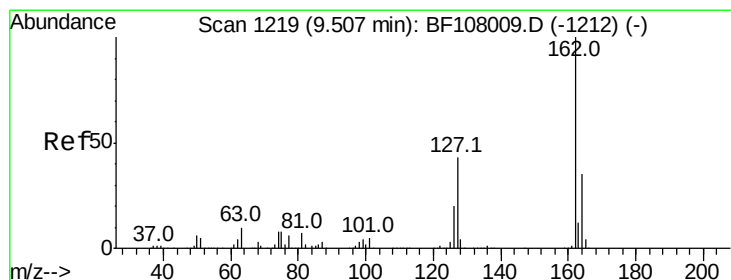
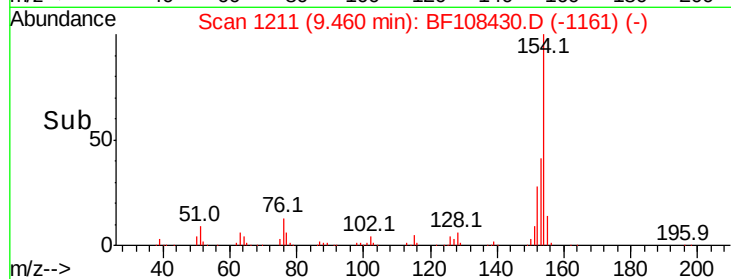
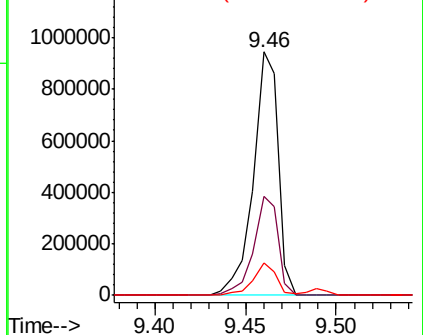


Abundance

Ion 154.00 (153.70 to 154.70): E

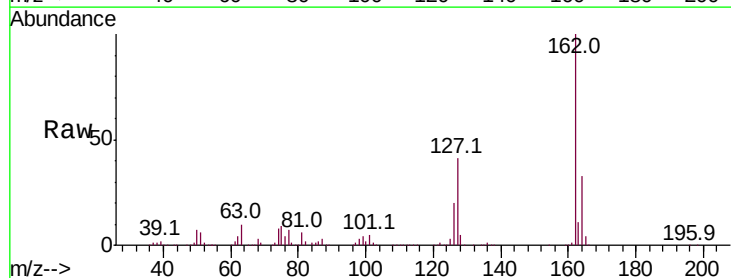
Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF1



#46
2-Chloronaphthalene
Concen: 43.032 ng
RT: 9.49 min Scan# 1216
Delta R.T. -0.01 min
Lab File: BF108430.D
Acq: 23 Aug 2018 19:37

Tgt Ion	Ratio	Resp	Lower	Upper
162	100			
127	41.1	33.9	50.9	
164	33.4	26.5	39.7	

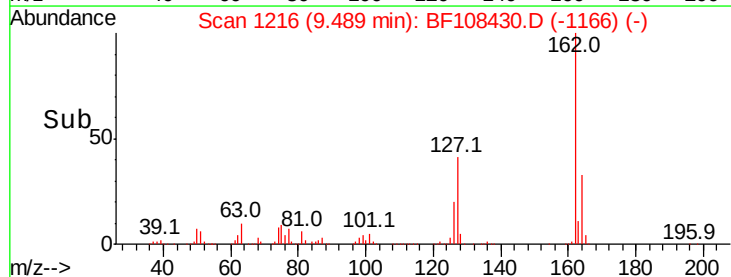
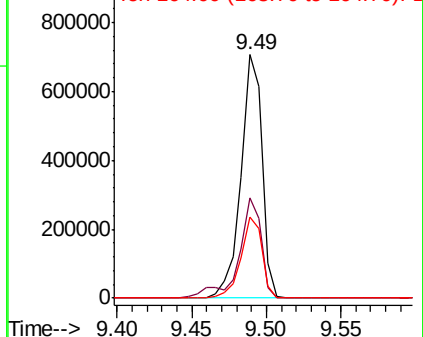


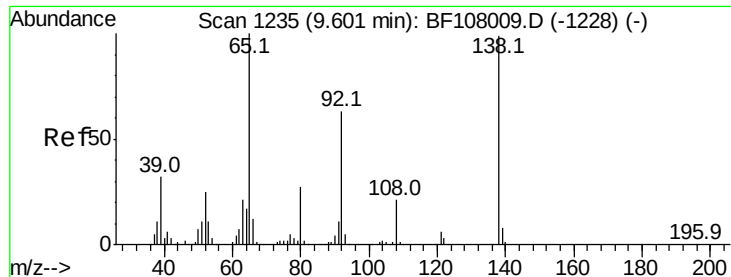
Abundance

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: 44.220 ng

RT: 9.59 min Scan# 1233

Delta R.T. -0.00 min

Lab File: BF108430.D

Acq: 23 Aug 2018 19:37

Instrument :

BNA_F

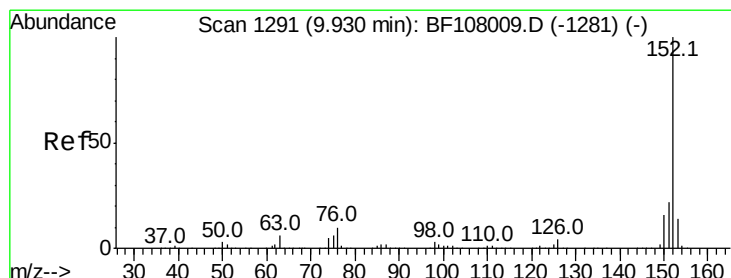
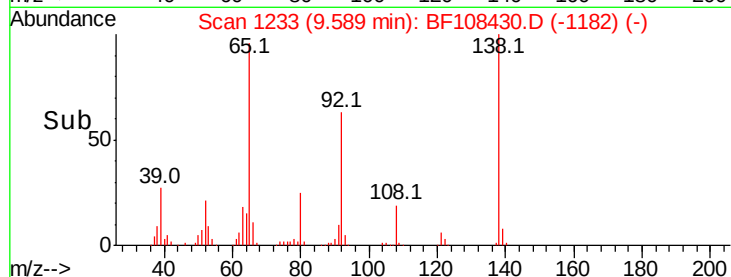
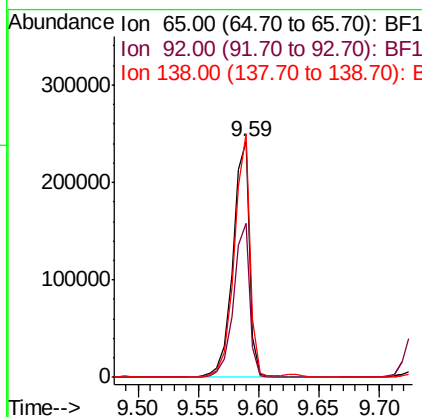
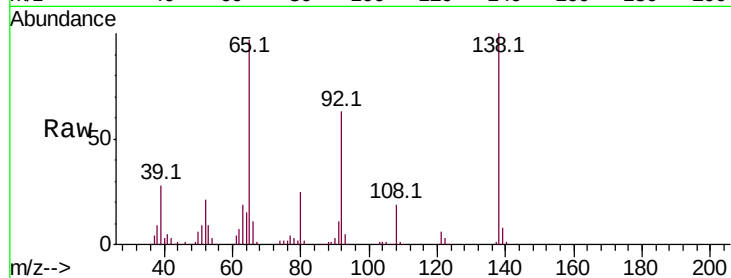
ClientSampleId :

PB112238BS

Tot Ion	Ratio	Lower	Upper
65	100		
92	65.4	55.8	83.6
138	103.4	91.2	136.8

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#48

Acenaphthylene

Concen: 43.293 ng

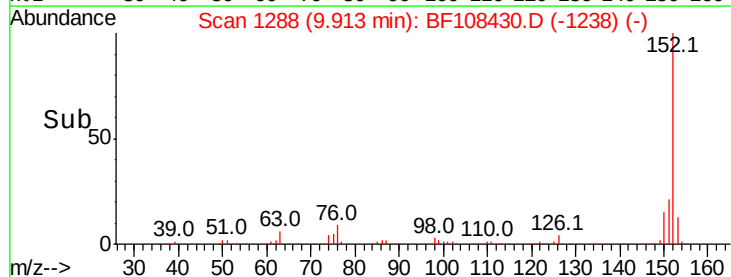
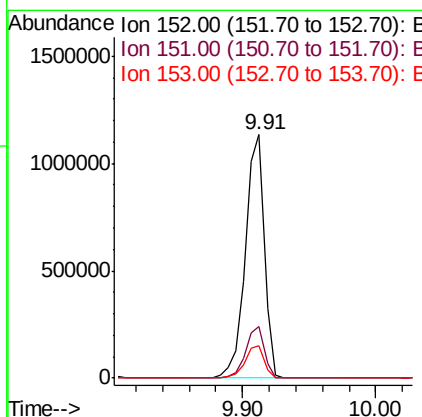
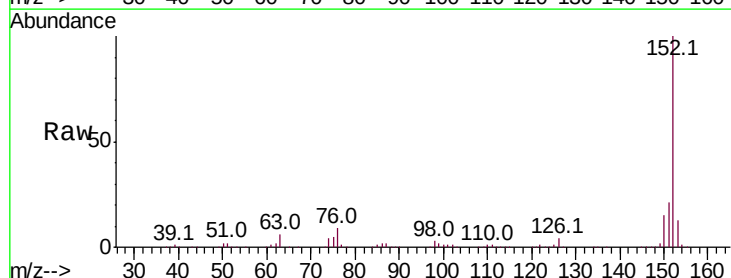
RT: 9.91 min Scan# 1288

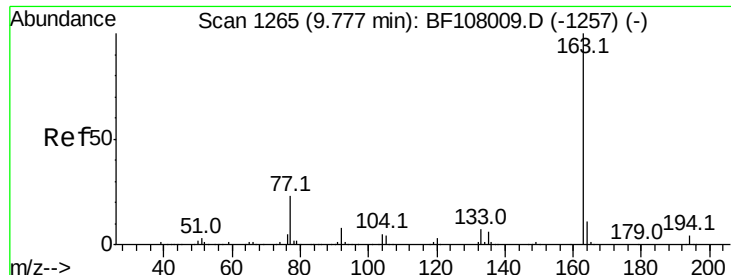
Delta R.T. -0.01 min

Lab File: BF108430.D

Acq: 23 Aug 2018 19:37

Tgt Ion	Ratio	Lower	Upper
152	100		
151	21.0	16.3	24.5
153	13.3	10.7	16.1





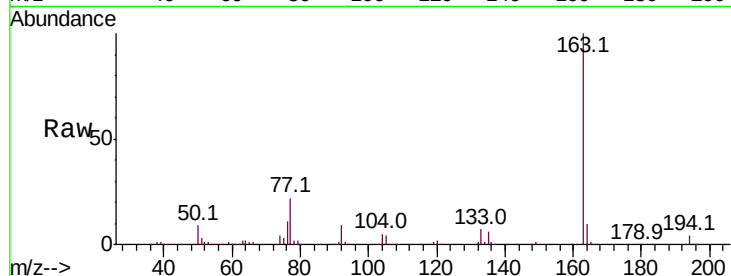
#49
Dimethylphthalate
Concen: 42.440 ng
RT: 9.76 min Scan# 1262
Delta R.T. -0.01 min
Lab File: BF108430.D
Acq: 23 Aug 2018 19:37

Instrument :
BNA_F
ClientSampleId :
PB112238BS

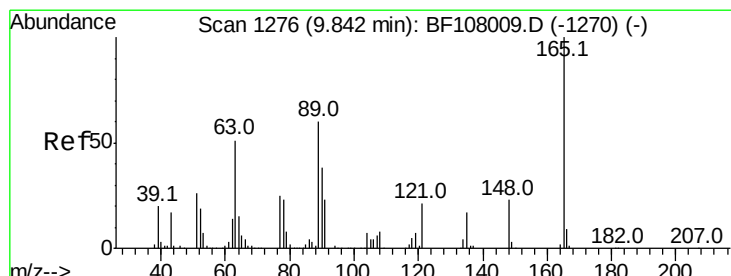
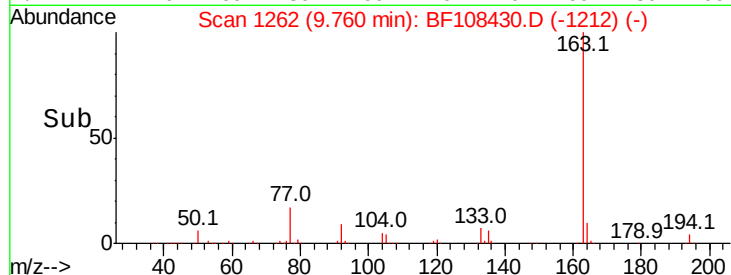
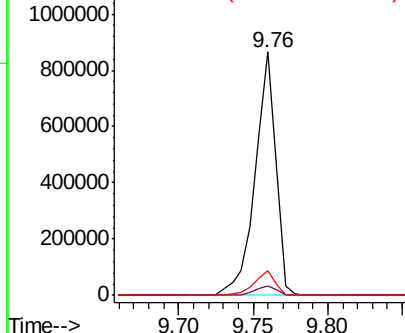
Tot Ion:	163	Resp:	819751
Ion Ratio	Lower	Upper	
163	100		
194	4.0	2.7	4.1
164	10.3	8.2	12.2

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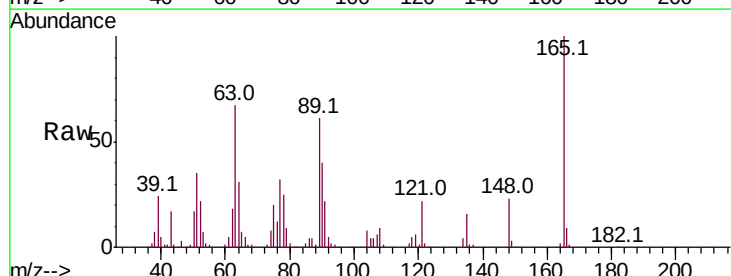


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

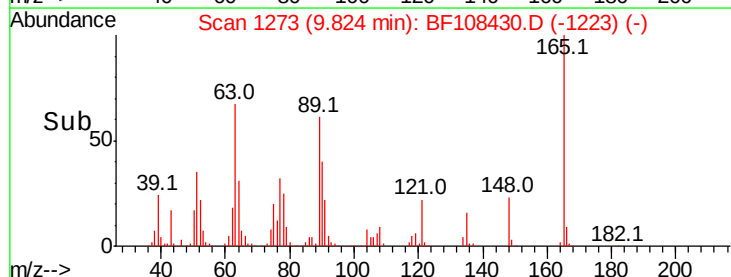
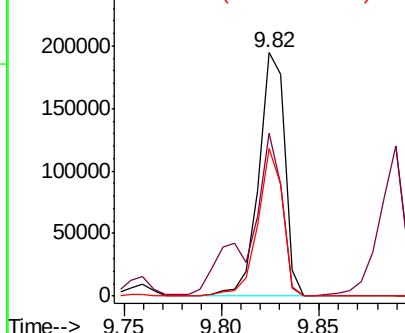


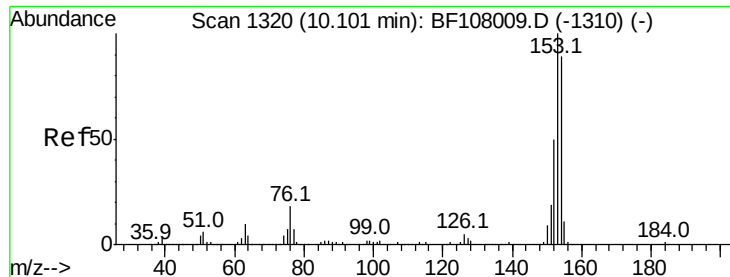
#50
2,6-Dinitrotoluene
Concen: 44.565 ng
RT: 9.82 min Scan# 1273
Delta R.T. -0.01 min
Lab File: BF108430.D
Acq: 23 Aug 2018 19:37

Tgt Ion:	165	Resp:	180096
Ion Ratio	Lower	Upper	
165	100		
63	67.0	44.7	67.1
89	60.9	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: 41.420 ng

RT: 10.08 min Scan# 1317

Delta R.T. -0.01 min

Lab File: BF108430.D

Acq: 23 Aug 2018 19:37

Instrument :

BNA_F

ClientSampleId :

PB112238BS

Tot Ion:154 Resp: 648078

Ion Ratio Lower Upper

154 100

153 114.0 91.2 136.8

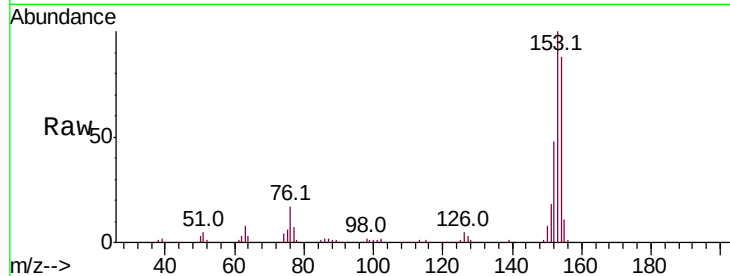
152 55.0 43.8 65.8

Manual Integrations

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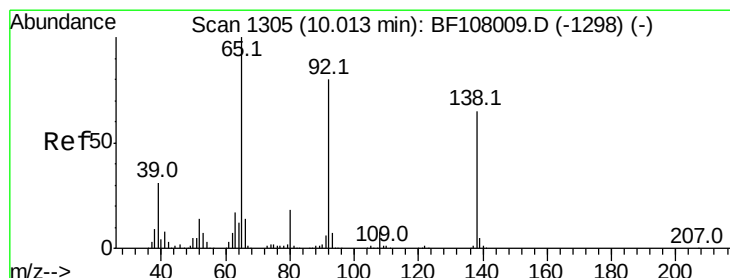
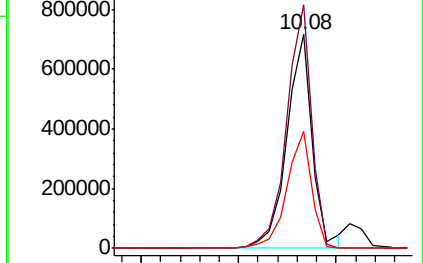
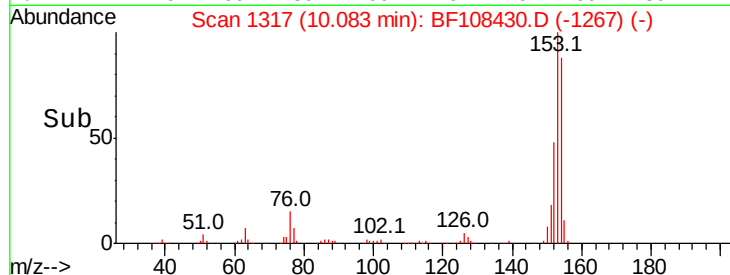
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Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 28.568 ng

RT: 10.00 min Scan# 1303

Delta R.T. -0.01 min

Lab File: BF108430.D

Acq: 23 Aug 2018 19:37

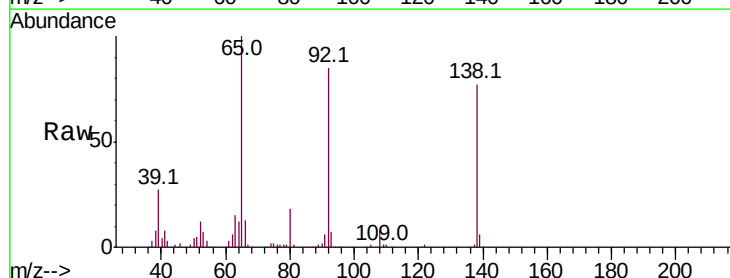
Tgt Ion:138 Resp: 126316

Ion Ratio Lower Upper

138 100

108 10.1 9.4 14.0

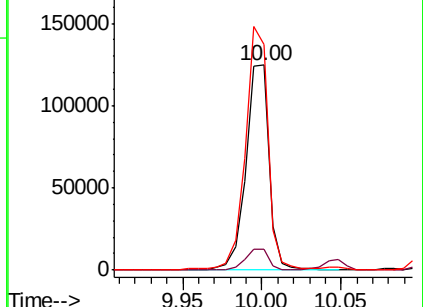
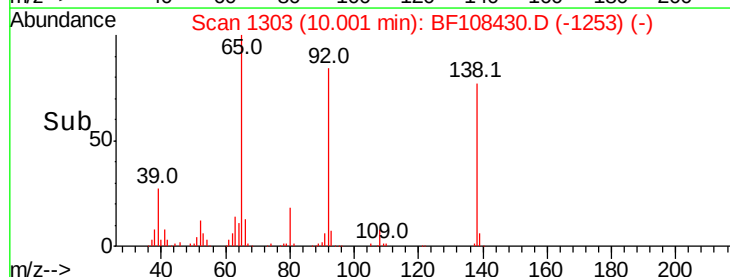
92 110.3 89.4 134.2

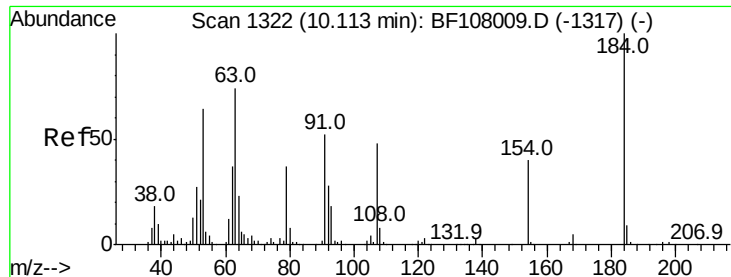


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF1





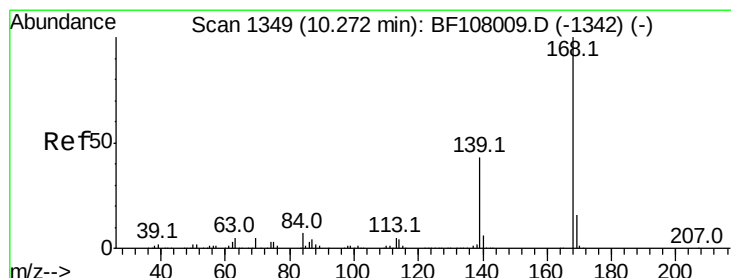
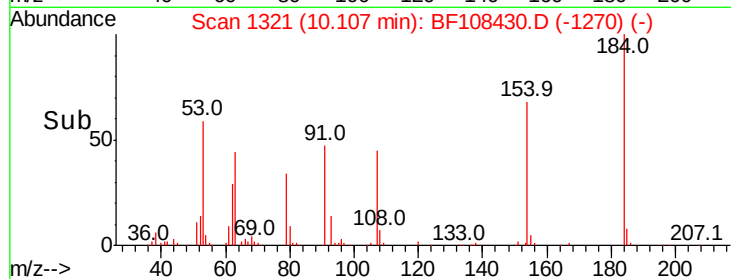
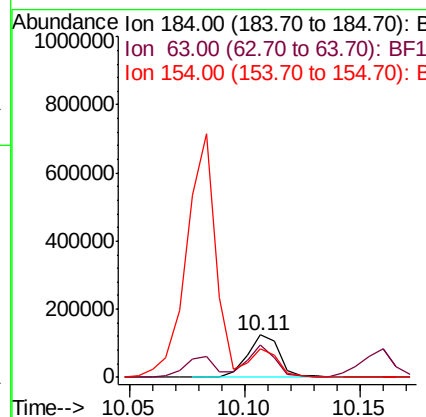
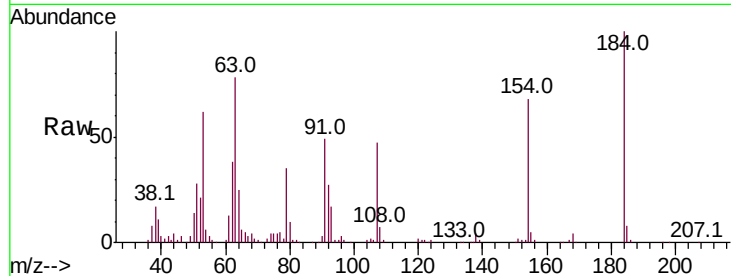
#53
2,4-Dinitrophenol
Concen: 79.593 ng
RT: 10.11 min Scan# 1321
Delta R.T. -0.00 min
Lab File: BF108430.D
Acq: 23 Aug 2018 19:37

Instrument :
BNA_F
ClientSampleId :
PB112238BS

Tot Ion	Ratio	Resp	Lower	Upper
184	100			
63	77.6	54.2	81.2	
154	68.4	184.0	276.0	

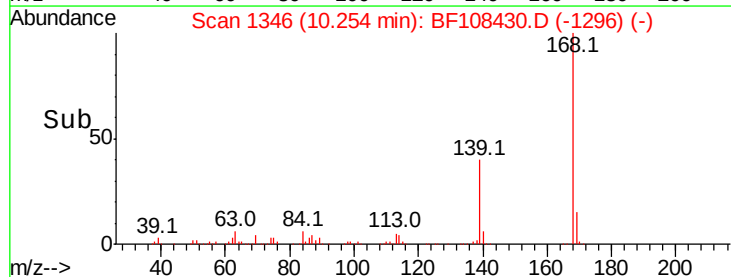
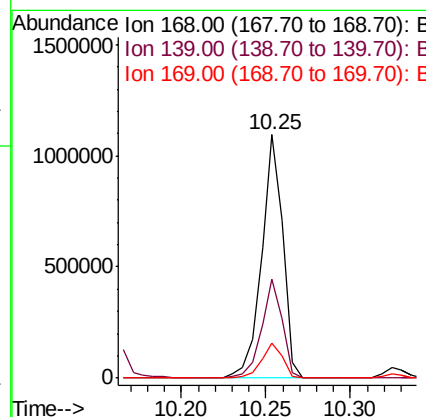
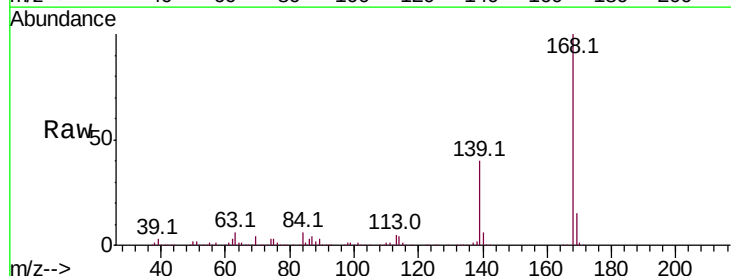
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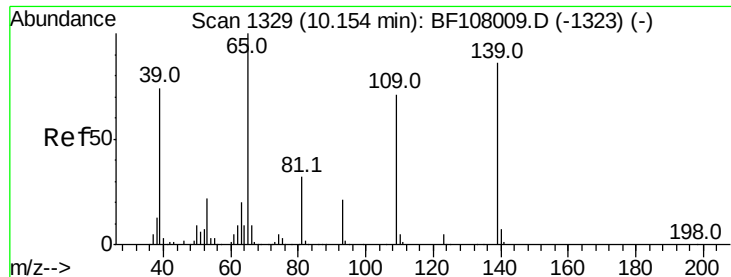
Sohil
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#54
Dibenzofuran
Concen: 42.474 ng
RT: 10.25 min Scan# 1346
Delta R.T. -0.01 min
Lab File: BF108430.D
Acq: 23 Aug 2018 19:37

Tgt Ion	Ratio	Resp	Lower	Upper
168	100			
139	40.5	30.1	45.1	
169	14.6	10.9	16.3	





#55

4-Nitrophenol

Concen: 75.902 ng

RT: 10.16 min Scan# 1330

Delta R.T. 0.01 min

Lab File: BF108430.D

Acq: 23 Aug 2018 19:37

Instrument :

BNA_F

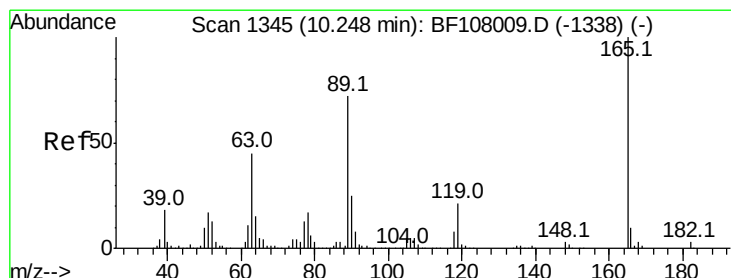
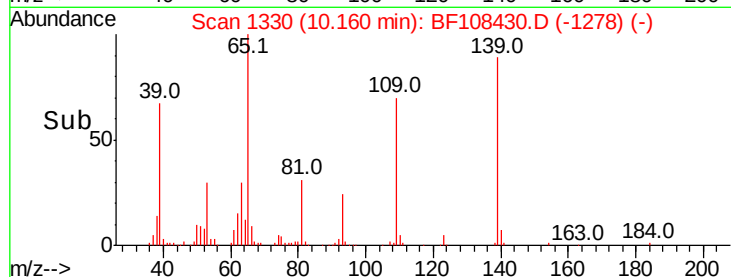
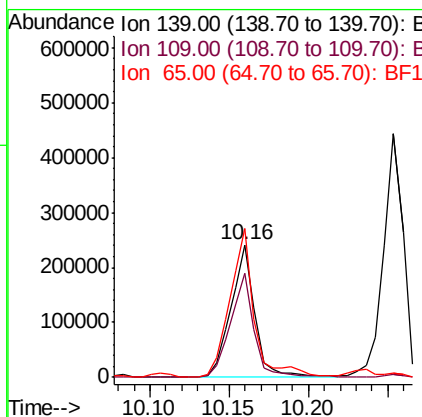
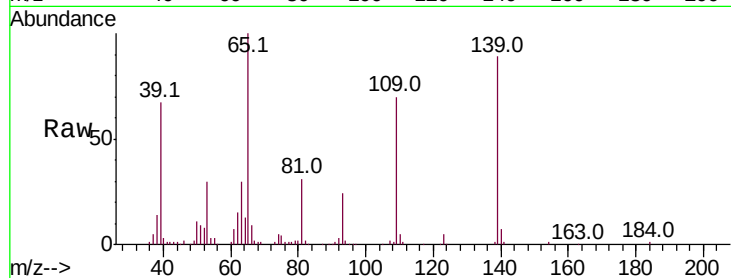
ClientSampleId :

PB112238BS

Tot Ion:	139	Resp:	254139
Ion Ratio	Lower	Upper	
139	100		
109	78.4	48.4	88.4
65	112.1	72.6	112.6

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#56

2,4-Dinitrotoluene

Concen: 46.064 ng

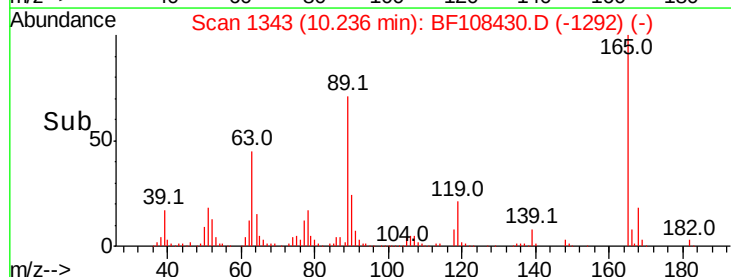
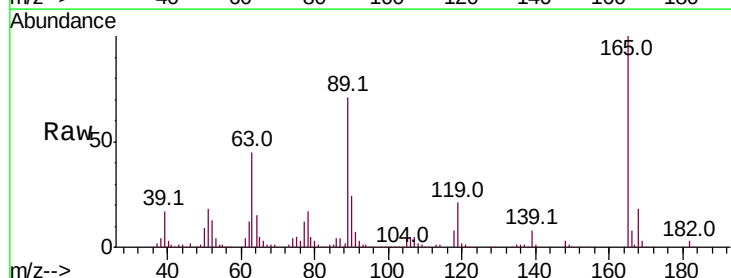
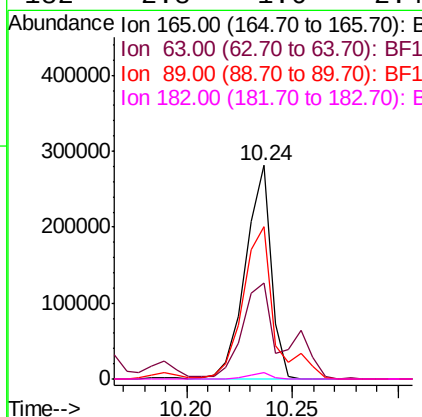
RT: 10.24 min Scan# 1343

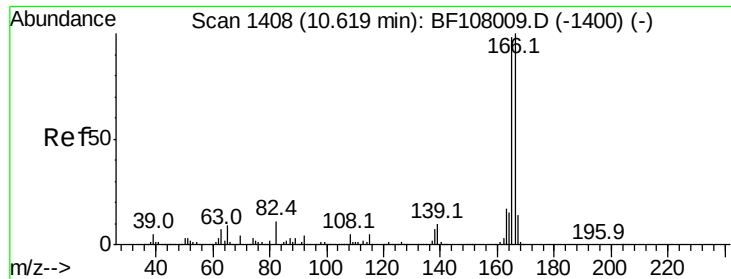
Delta R.T. -0.00 min

Lab File: BF108430.D

Acq: 23 Aug 2018 19:37

Tgt Ion:	165	Resp:	239615
Ion Ratio	Lower	Upper	
165	100		
63	45.2	36.4	54.6
89	71.2	57.8	86.6
182	2.8	1.6	2.4#





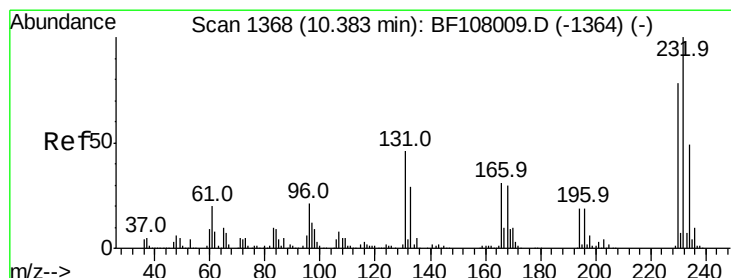
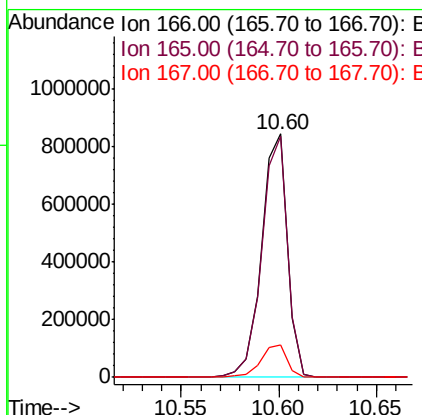
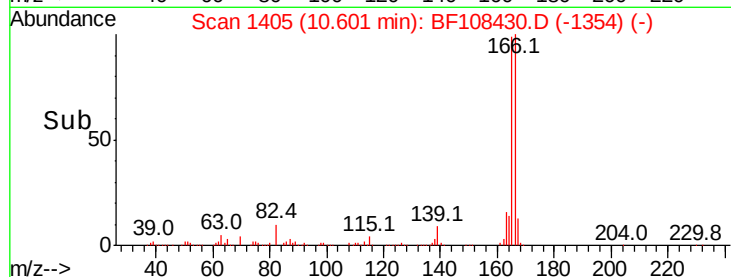
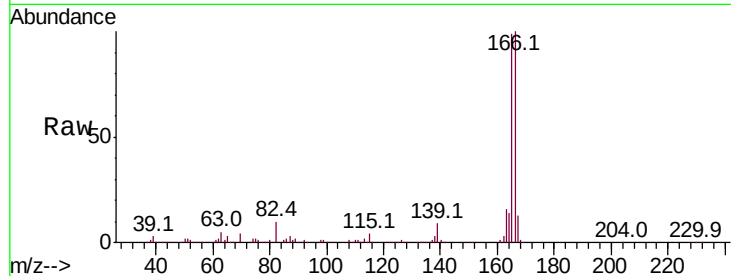
#57
 Fluorene
 Concen: 43.168 ng
 RT: 10.60 min Scan# 1405
 Delta R.T. -0.00 min
 Lab File: BF108430.D
 Acq: 23 Aug 2018 19:37

Instrument :
 BNA_F
 ClientSampleID :
 PB112238BS

Tot Ion	Ratio	Lower	Upper
166	100		
165	98.8	79.8	119.8
167	13.2	10.6	16.0

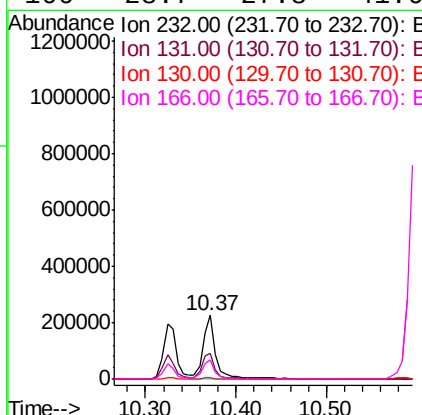
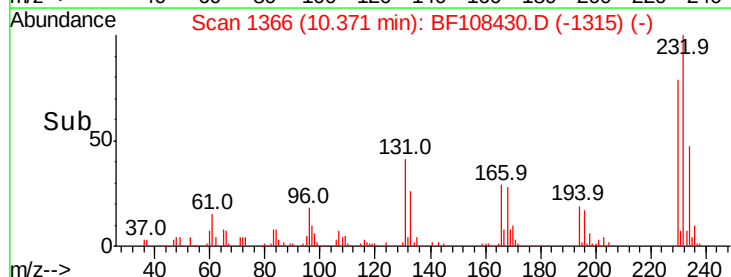
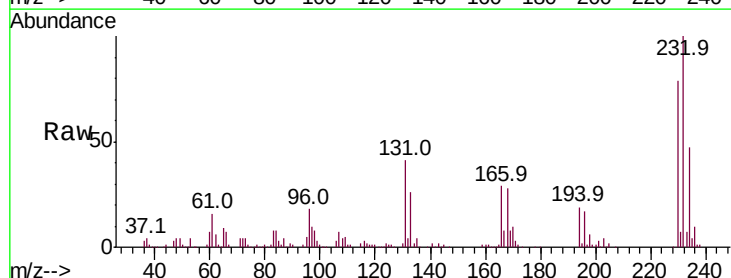
Manual Integrations
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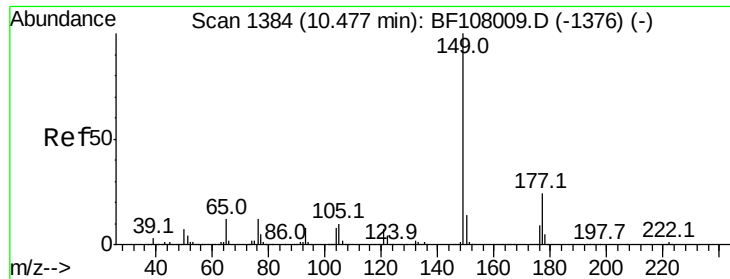
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#58
 2,3,4,6-Tetrachlorophenol
 Concen: 45.739 ng
 RT: 10.37 min Scan# 1366
 Delta R.T. -0.00 min
 Lab File: BF108430.D
 Acq: 23 Aug 2018 19:37

Tgt Ion	Ratio	Lower	Upper
232	100		
231	41.4	43.8	65.8#
130	2.1	2.1	3.1
166	28.7	27.8	41.6





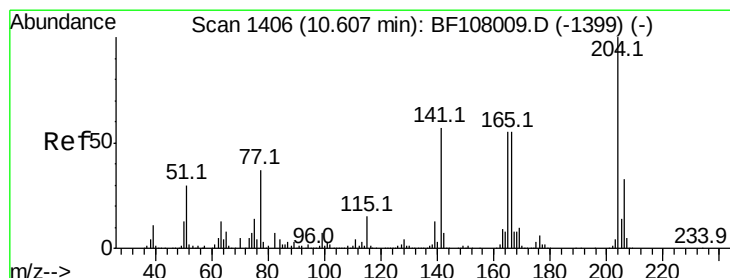
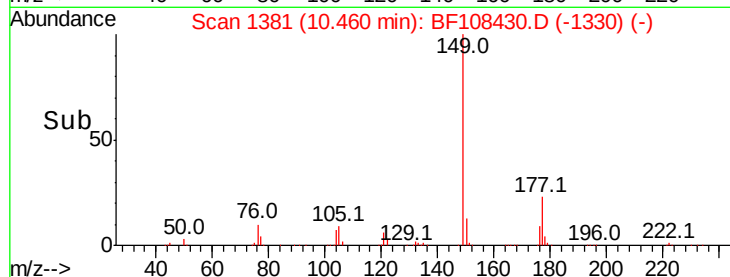
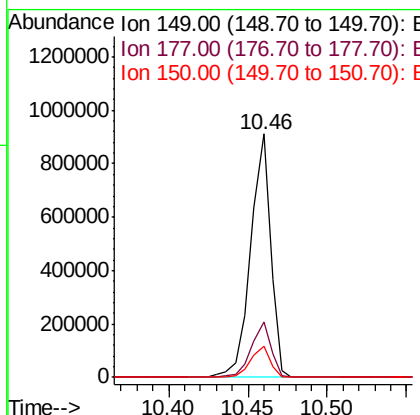
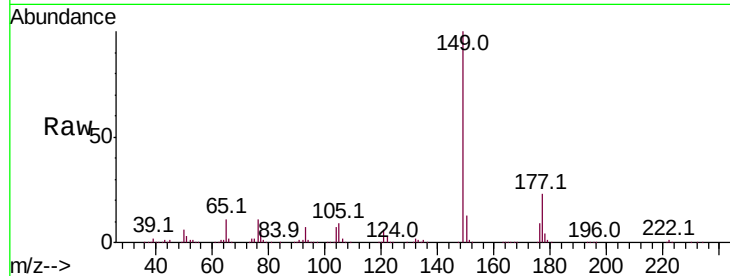
#59
Diethylphthalate
Concen: 42.683 ng
RT: 10.46 min Scan# 1381
Delta R.T. -0.00 min
Lab File: BF108430.D
Acq: 23 Aug 2018 19:37

Instrument :
BNA_F
ClientSampleId :
PB112238BS

Tot Ion	Ratio	Resp	Lower	Upper
149	100	798341		
177	22.9	16.1	24.1	
150	12.8	10.1	15.1	

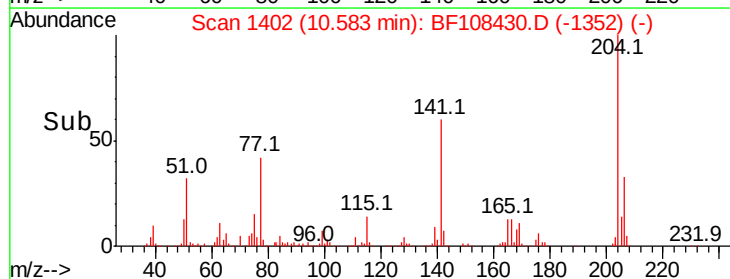
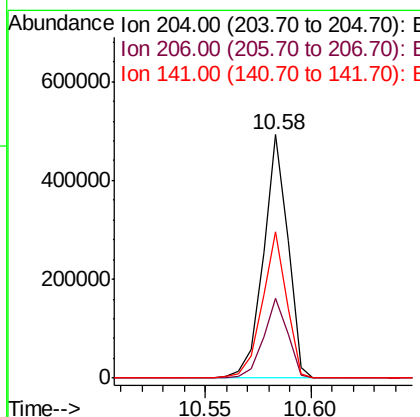
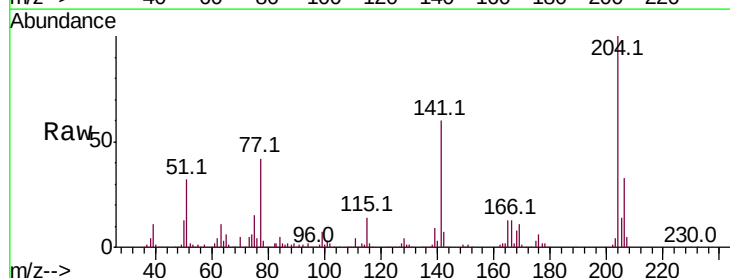
Manual Integrations
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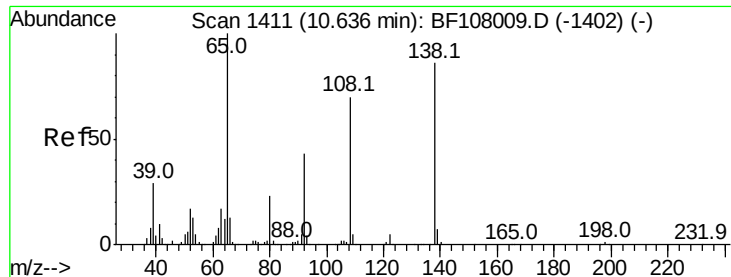
Sohil
8/24/2018 12:14:07 PM



#60
4-Chlorophenyl-phenylether
Concen: 42.379 ng
RT: 10.58 min Scan# 1402
Delta R.T. -0.01 min
Lab File: BF108430.D
Acq: 23 Aug 2018 19:37

Tgt Ion	Ratio	Resp	Lower	Upper
204	100	396271		
206	32.9	26.5	39.7	
141	60.0	54.6	81.8	





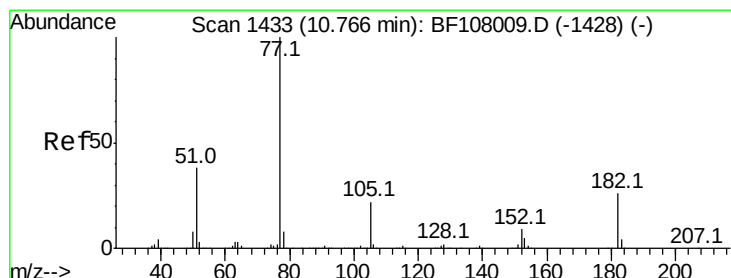
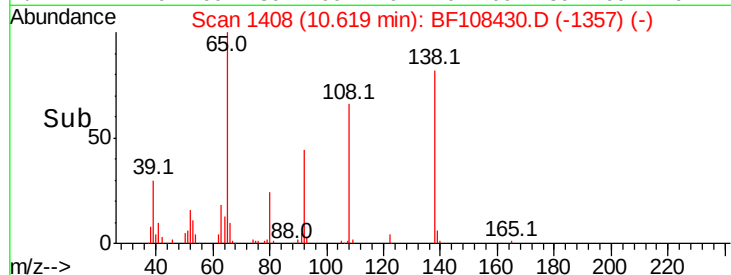
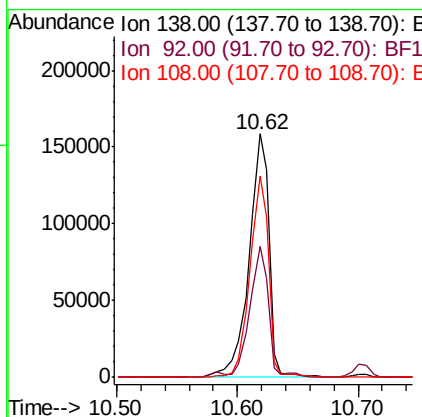
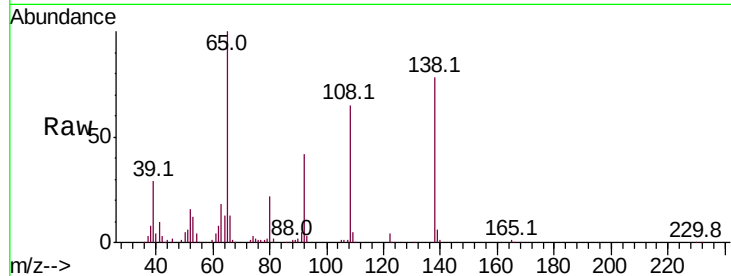
#61
4-Nitroaniline
Concen: 42.243 ng
RT: 10.62 min Scan# 1408
Delta R.T. -0.00 min
Lab File: BF108430.D
Acq: 23 Aug 2018 19:37

Instrument :
BNA_F
ClientSampleId :
PB112238BS

Tot Ion	Ratio	Lower	Upper
138	100		
92	53.9	30.2	70.2
108	82.9	52.5	92.5

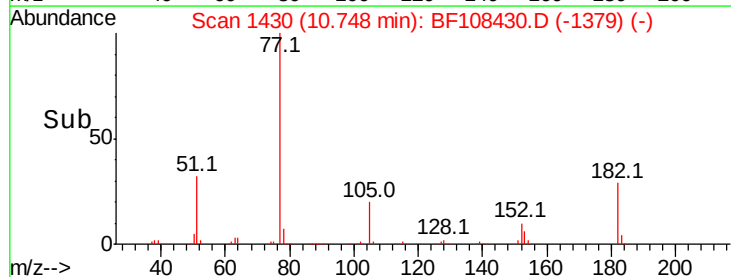
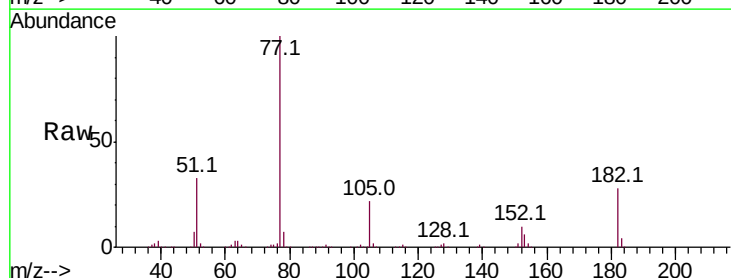
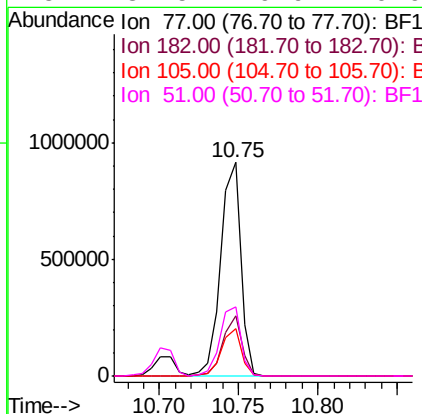
Manual Integrations
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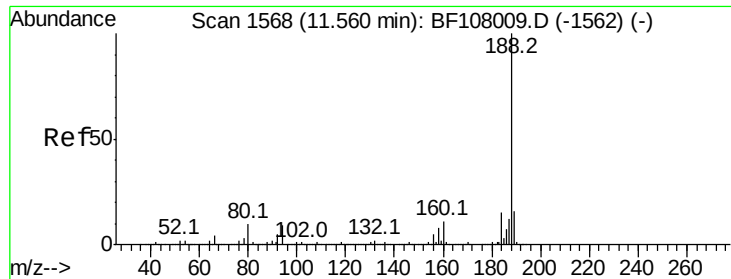
Sohil
8/24/2018 12:14:07 PM



#62
Azobenzene
Concen: 41.869 ng
RT: 10.75 min Scan# 1430
Delta R.T. -0.00 min
Lab File: BF108430.D
Acq: 23 Aug 2018 19:37

Tgt Ion	Ratio	Lower	Upper
77	100		
182	28.3	1.7	41.7
105	22.2	3.0	43.0
51	32.5	9.9	49.9





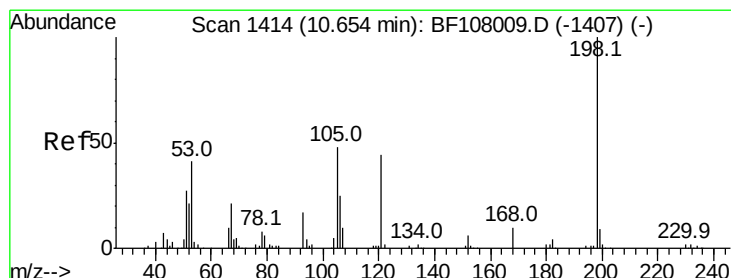
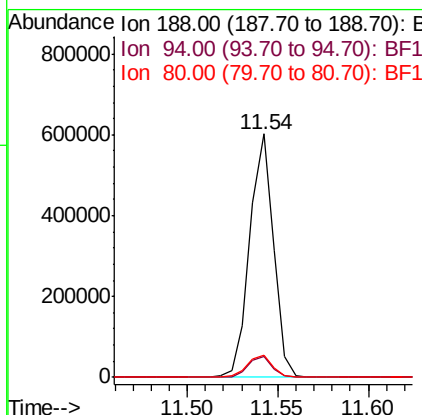
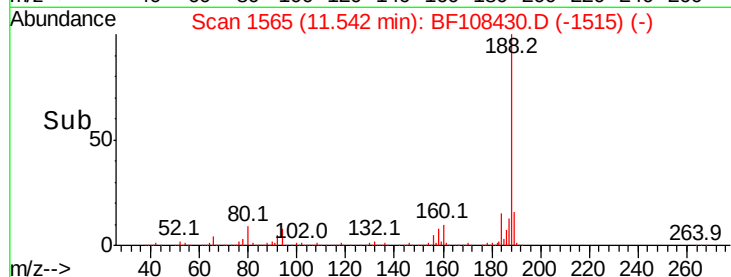
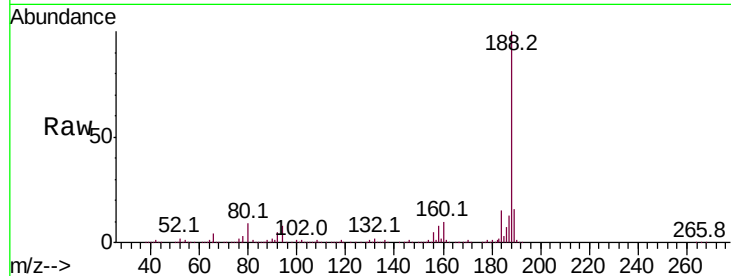
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.54 min Scan# 1565
Delta R.T. -0.01 min
Lab File: BF108430.D
Acq: 23 Aug 2018 19:37

Instrument :
BNA_F
ClientSampleId :
PB112238BS

Tot Ion	Ratio	Resp	Lower	Upper
188	100	548737		
94	8.3		8.5	12.7#
80	9.3		9.2	13.8

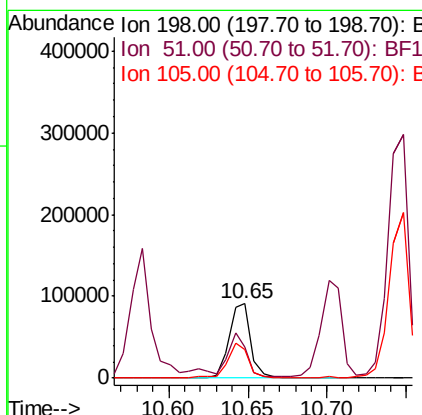
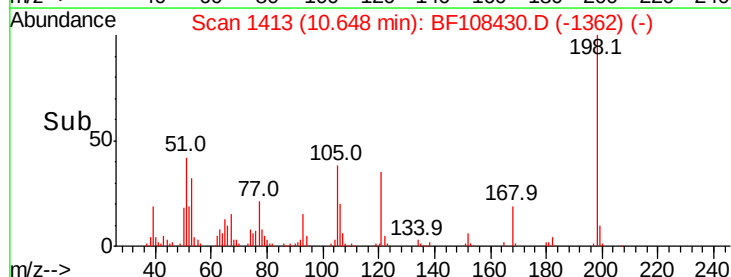
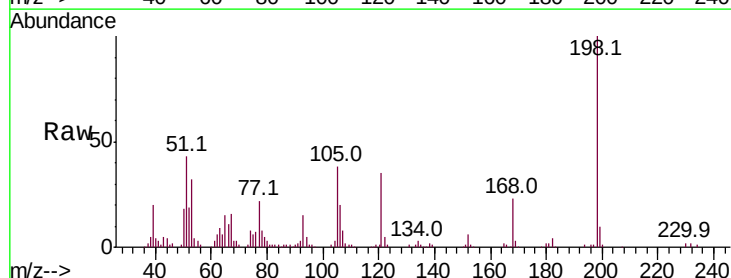
Manual Integrations
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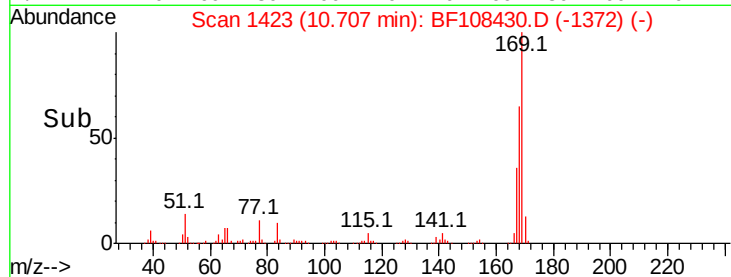
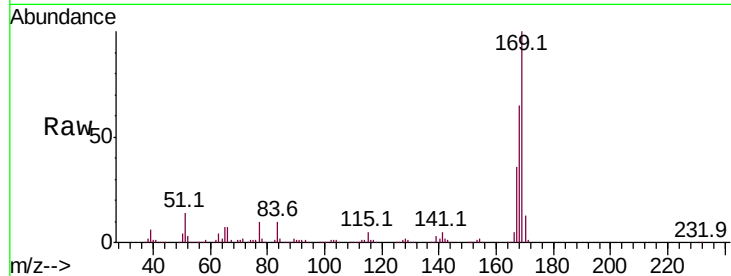
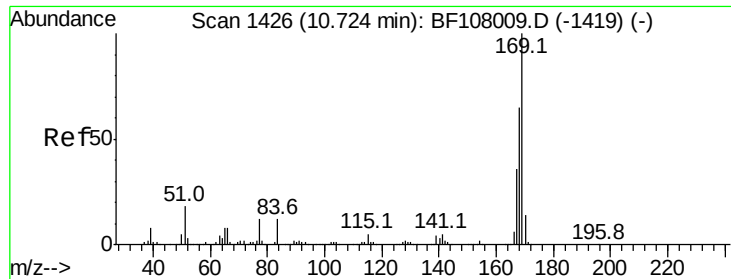
Sohil
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#64
4,6-Dinitro-2-methylphenol
Concen: 42.197 ng
RT: 10.65 min Scan# 1413
Delta R.T. -0.00 min
Lab File: BF108430.D
Acq: 23 Aug 2018 19:37

Tgt Ion	Ratio	Resp	Lower	Upper
198	100	85430		
51	42.6		37.7	77.7
105	38.2		36.3	76.3





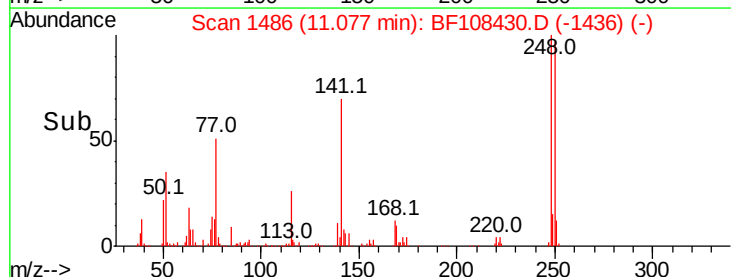
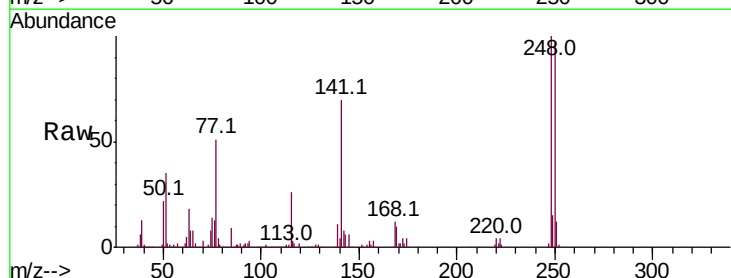
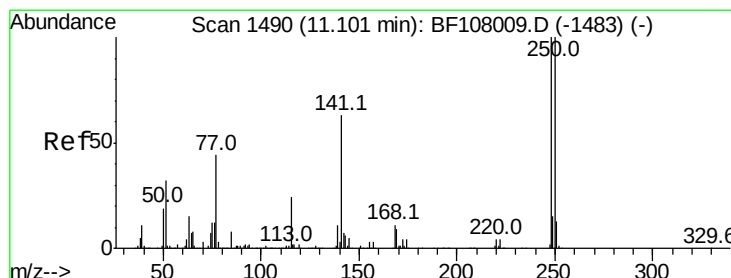
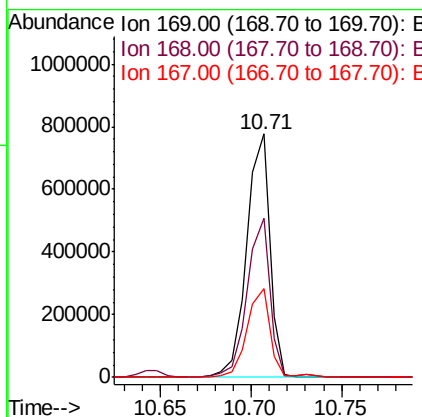
#65
n-Nitrosodiphenylamine
Concen: 42.711 ng
RT: 10.71 min Scan# 1423
Delta R.T. -0.00 min
Lab File: BF108430.D
Acq: 23 Aug 2018 19:37

Instrument :
BNA_F
ClientSampled :
PB112238BS

Tot Ion	Ratio	Resp	Lower	Upper
169	100	692582		
168	65.4	54.4	81.6	
167	36.2	29.8	44.6	

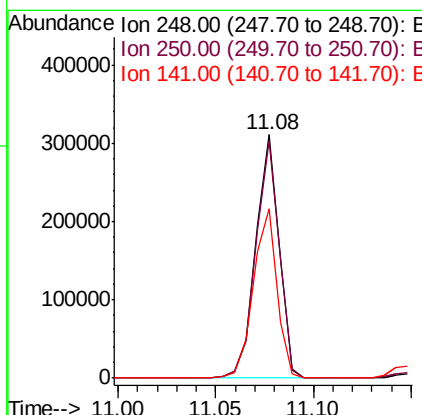
Manual Integrations
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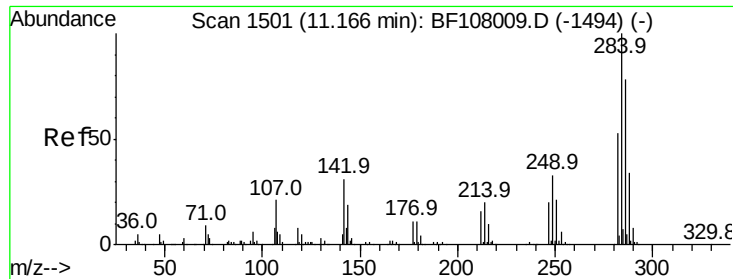
Sohil
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#66
4-Bromophenyl-phenylether
Concen: 43.195 ng
RT: 11.08 min Scan# 1486
Delta R.T. -0.01 min
Lab File: BF108430.D
Acq: 23 Aug 2018 19:37

Tgt Ion	Ratio	Resp	Lower	Upper
248	100	257583		
250	97.5	76.9	115.3	
141	69.8	74.4	111.6	





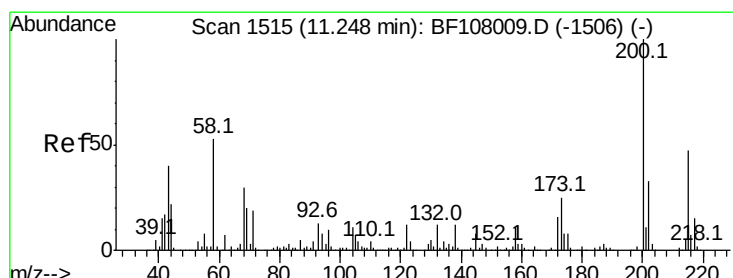
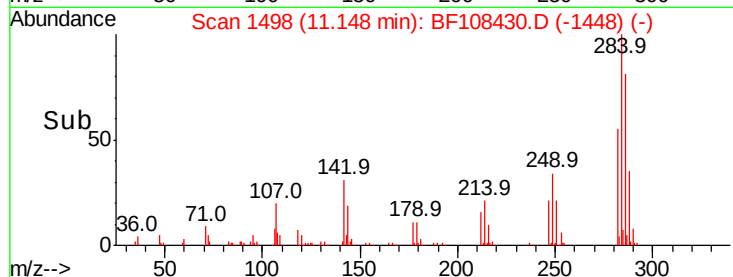
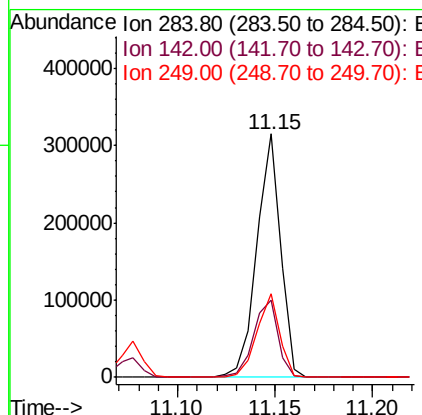
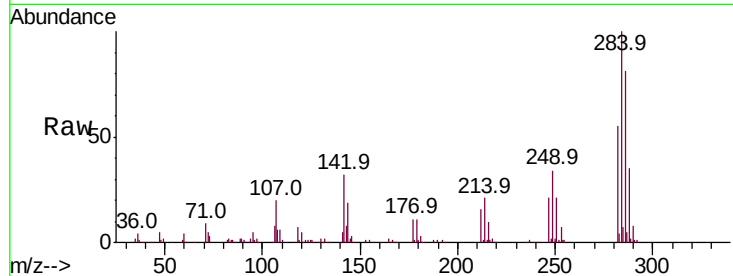
#67
Hexachlorobenzene
Concen: 42.349 ng
RT: 11.15 min Scan# 1498
Delta R.T. -0.01 min
Lab File: BF108430.D
Acq: 23 Aug 2018 19:37

Instrument :
BNA_F
ClientSampleId :
PB112238BS

Tot Ion	Ratio	Resp	Lower	Upper
284	100	265713		
142	31.6	34.6	52.0	
249	34.4	24.8	37.2	

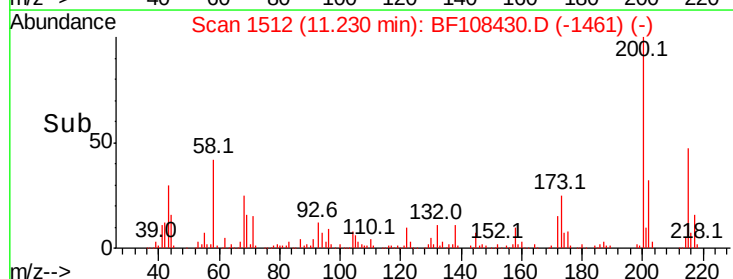
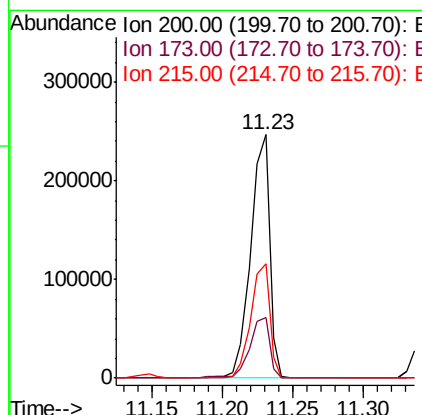
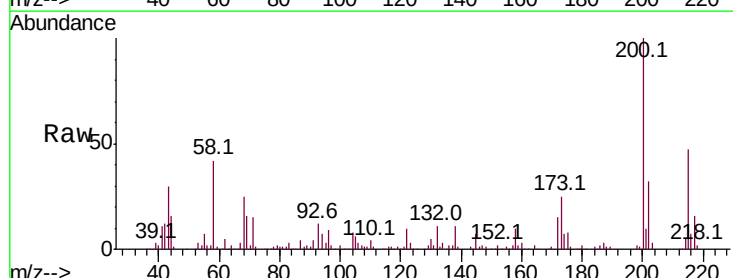
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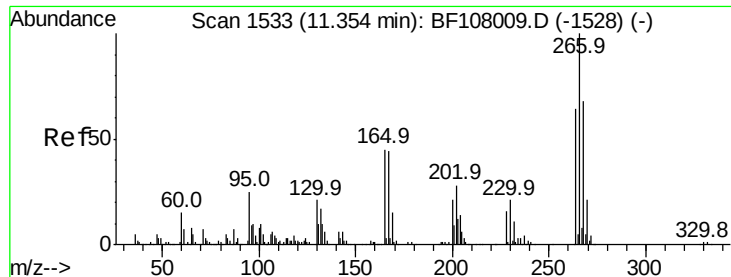
Sohil
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#68
Atrazine
Concen: 43.019 ng
RT: 11.23 min Scan# 1512
Delta R.T. -0.00 min
Lab File: BF108430.D
Acq: 23 Aug 2018 19:37

Tgt Ion	Ratio	Resp	Lower	Upper
200	100	233972		
173	24.8	8.6	48.6	
215	47.1	25.1	65.1	





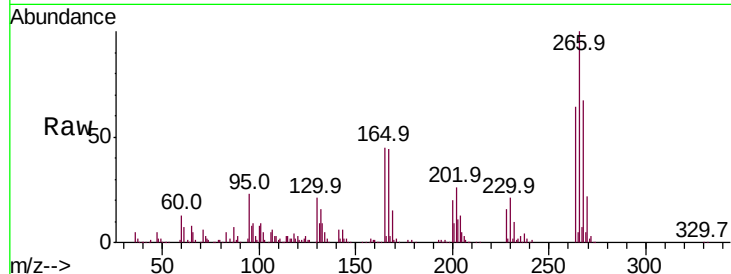
#69
 Pentachlorophenol
 Concen: 80.913 ng
 RT: 11.34 min Scan# 1531
 Delta R.T. -0.01 min
 Lab File: BF108430.D
 Acq: 23 Aug 2018 19:37

Instrument :
 BNA_F
 ClientSampleID :
 PB112238BS

Tot Ion	Ratio	Resp	Lower	Upper
266	100	242996		
268	67.2	51.1	76.7	
264	63.6	49.5	74.3	

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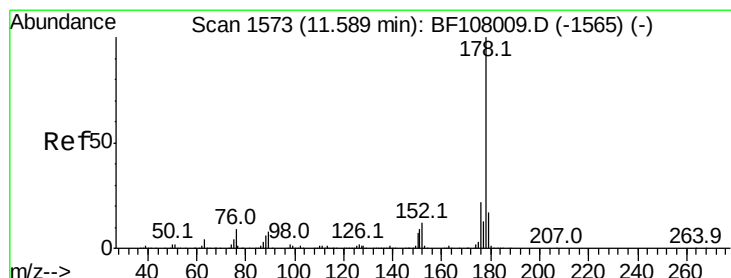
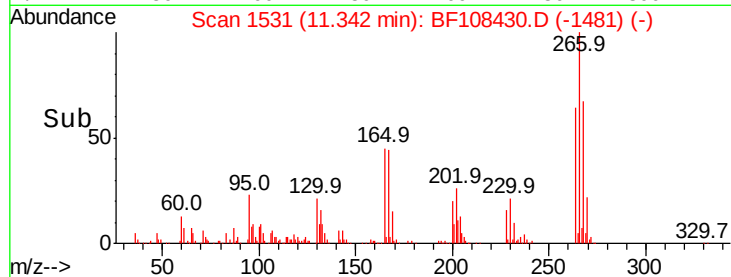
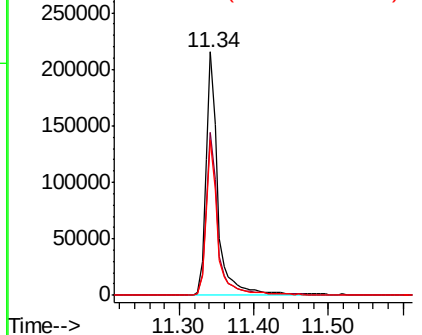


Abundance

Ion 265.70 (265.40 to 266.40): E

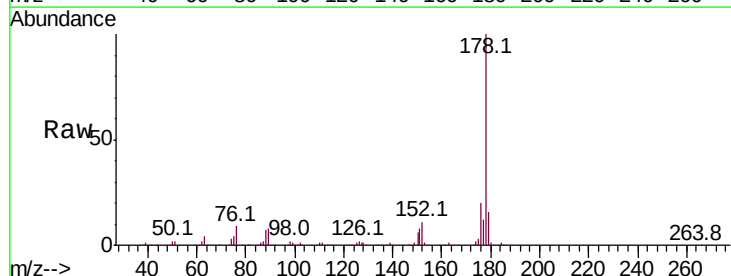
Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E



#70
 Phenanthrene
 Concen: 43.463 ng
 RT: 11.57 min Scan# 1569
 Delta R.T. -0.01 min
 Lab File: BF108430.D
 Acq: 23 Aug 2018 19:37

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	1124915		
176	19.8	15.8	23.8	
179	15.9	13.0	19.6	

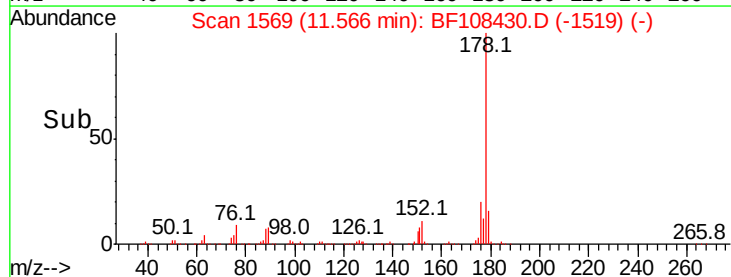
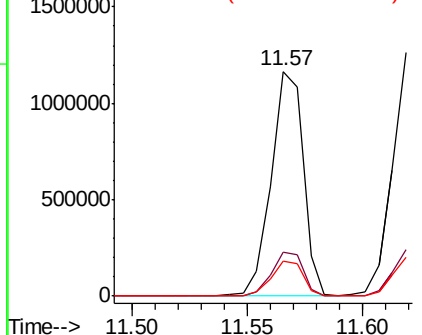


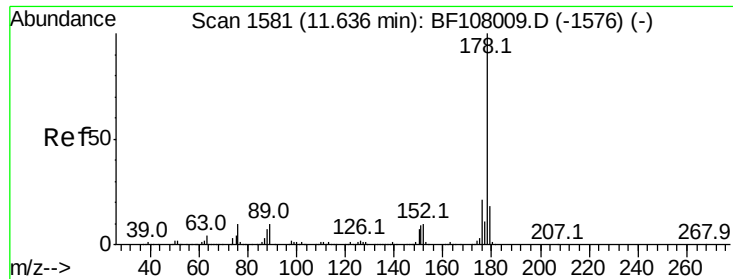
Abundance

Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





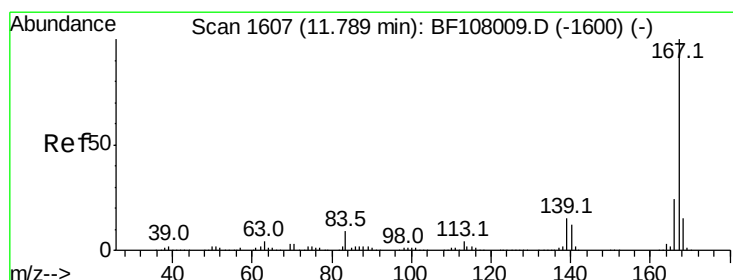
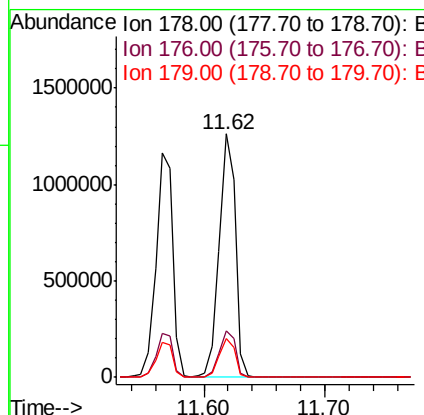
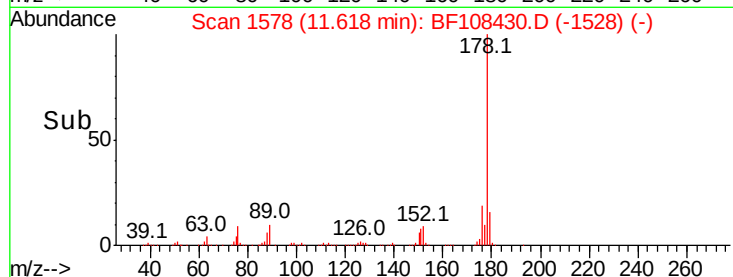
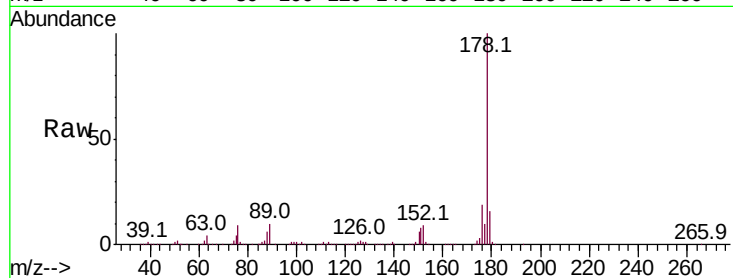
#71
 Anthracene
 Concen: 43.599 ng
 RT: 11.62 min Scan# 1578
 Delta R.T. -0.01 min
 Lab File: BF108430.D
 Acq: 23 Aug 2018 19:37

Instrument :
 BNA_F
 ClientSampleId :
 PB112238BS

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.3	15.4	23.2
179	16.1	12.6	19.0

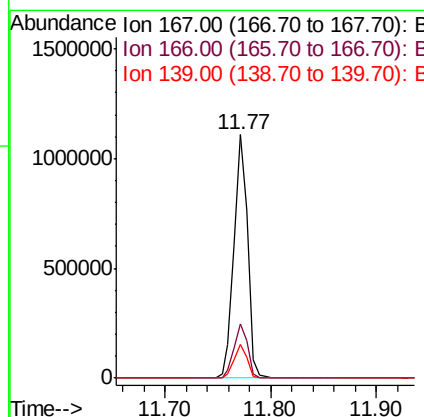
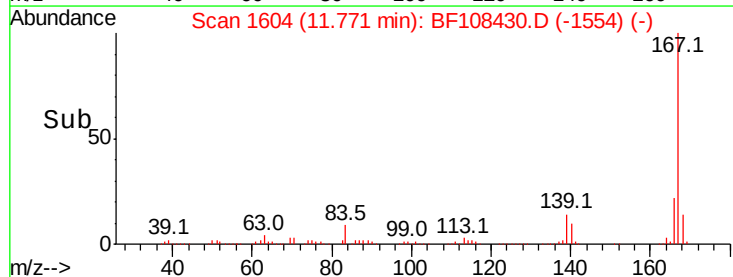
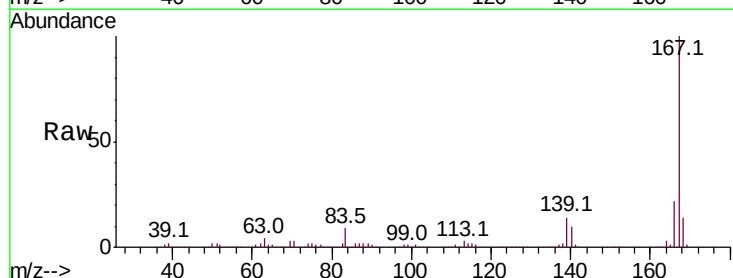
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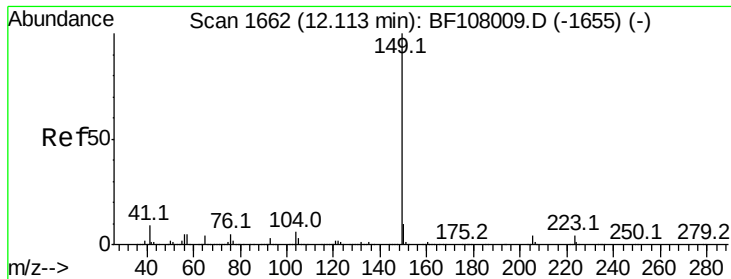
Sohil
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#72
 Carbazole
 Concen: 41.589 ng
 RT: 11.77 min Scan# 1604
 Delta R.T. -0.01 min
 Lab File: BF108430.D
 Acq: 23 Aug 2018 19:37

Tgt Ion	Ratio	Lower	Upper
167	100		
166	22.3	17.6	26.4
139	13.6	10.9	16.3





#73

Di-n-butylphthalate

Concen: 45.329 ng

RT: 12.08 min Scan# 1657

Delta R.T. -0.01 min

Lab File: BF108430.D

Acq: 23 Aug 2018 19:37

Instrument :

BNA_F

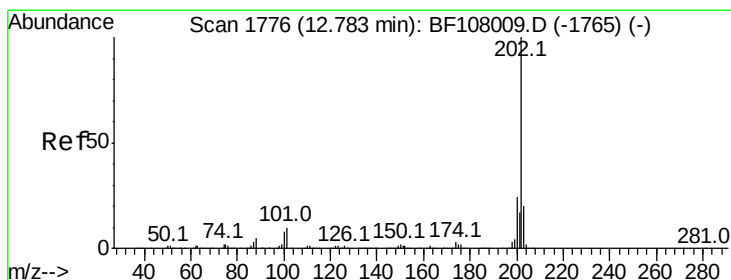
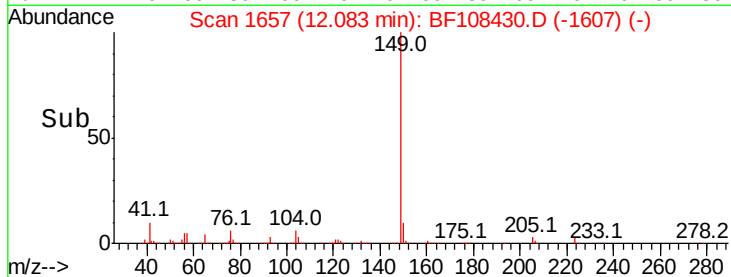
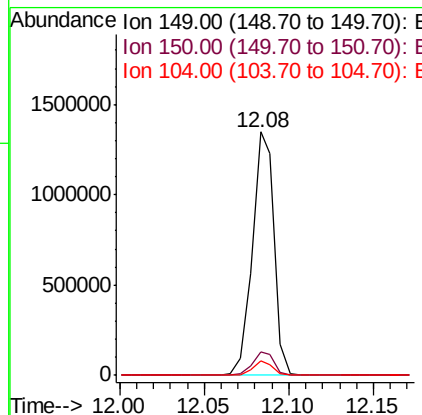
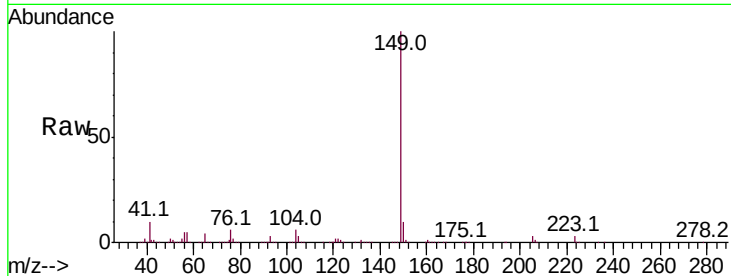
ClientSampleId :

PB112238BS

Tot Ion:	149	Resp:	1210111
Ion	Ratio	Lower	Upper
149	100		
150	9.5	7.8	11.6
104	5.7	3.8	5.8

Manual Integrations
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#74

Fluoranthene

Concen: 42.338 ng

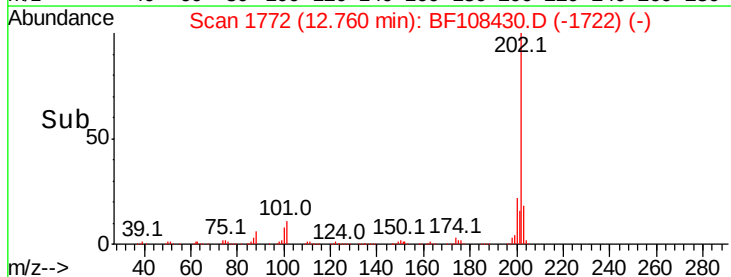
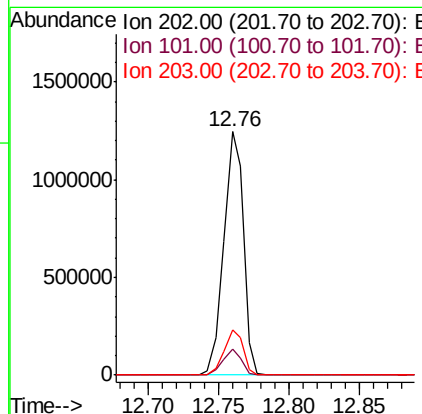
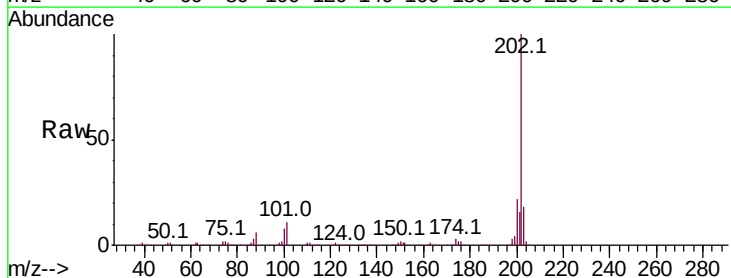
RT: 12.76 min Scan# 1772

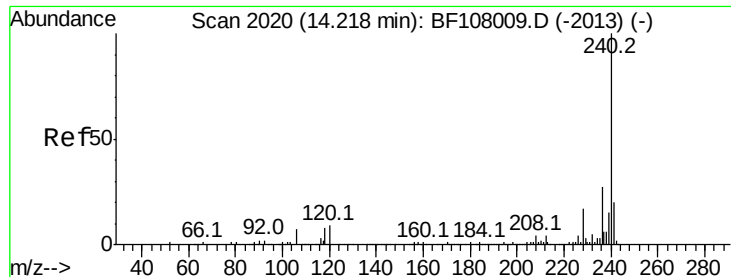
Delta R.T. -0.01 min

Lab File: BF108430.D

Acq: 23 Aug 2018 19:37

Tgt Ion:	202	Resp:	1195913
Ion	Ratio	Lower	Upper
202	100		
101	10.9	0.0	34.1
203	18.3	0.0	38.1





#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.19 min Scan# 2016

Delta R.T. -0.01 min

Lab File: BF108430.D

Acq: 23 Aug 2018 19:37

Instrument :

BNA_F

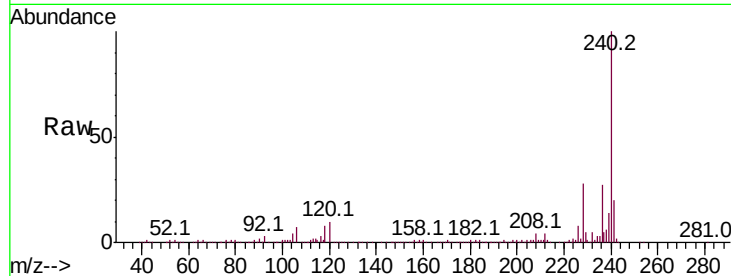
ClientSampleId :

PB112238BS

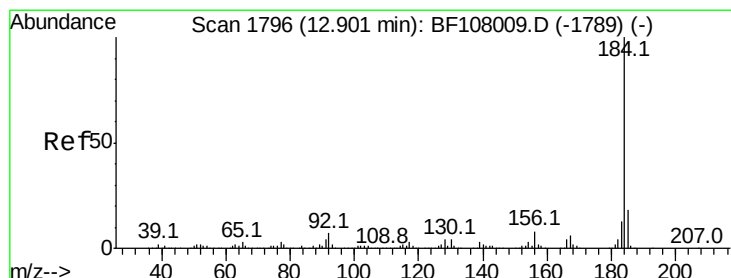
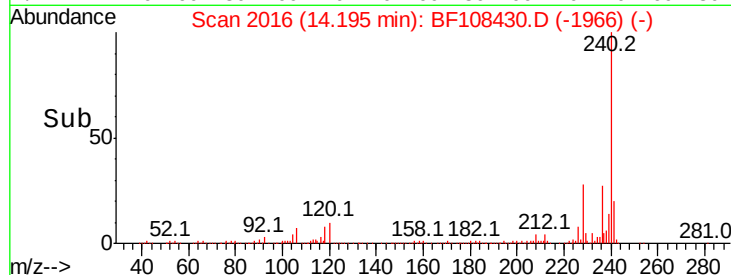
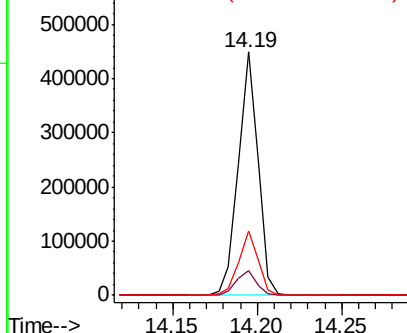
Tot Ion:	240	Resp:	364050
Ion Ratio	Lower	Upper	
240	100		
120	9.9	9.5	14.3
236	26.6	20.7	31.1

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Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 38.244 ng

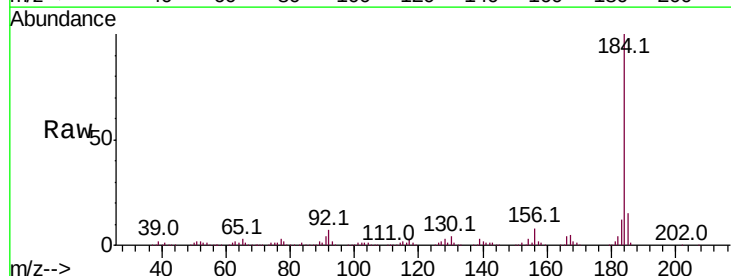
RT: 12.88 min Scan# 1792

Delta R.T. -0.01 min

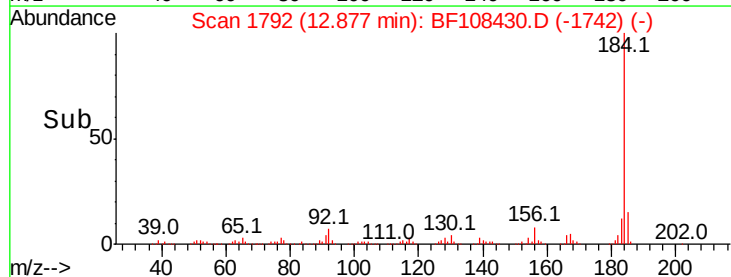
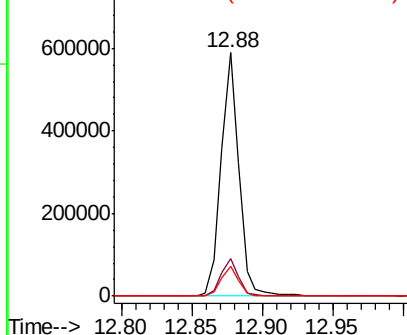
Lab File: BF108430.D

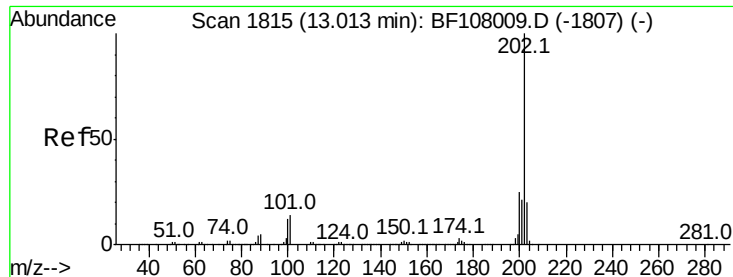
Acq: 23 Aug 2018 19:37

Tgt Ion:	184	Resp:	520193
Ion Ratio	Lower	Upper	
184	100		
185	15.3	12.6	18.8
183	12.1	9.3	13.9



Abundance Ion 184.00 (183.70 to 184.70): E
Ion 185.00 (184.70 to 185.70): E
Ion 183.00 (182.70 to 183.70): E





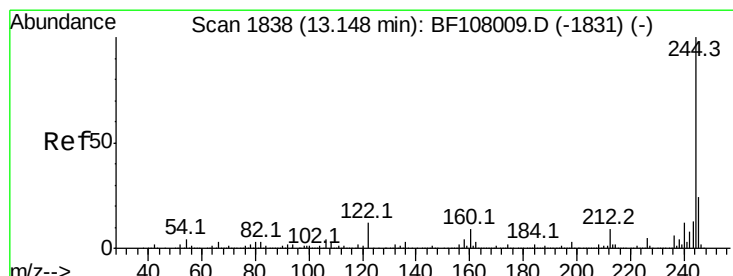
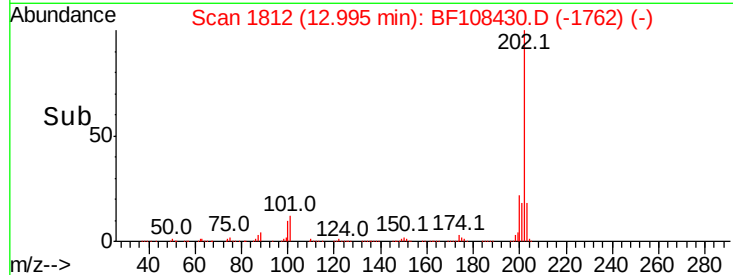
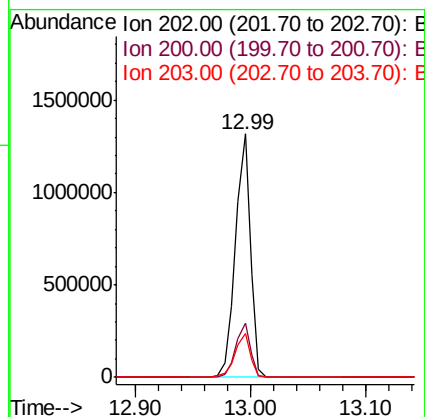
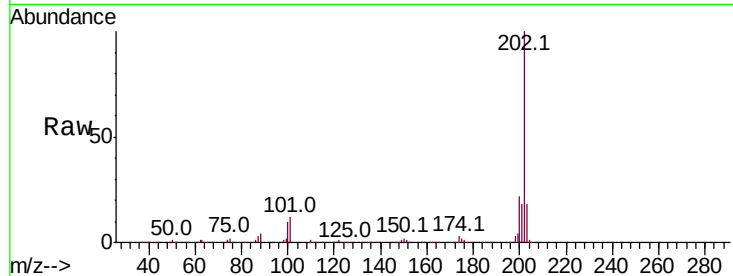
#77
Pvrene
Concen: 51.497 ng
RT: 12.99 min Scan# 1812
Delta R.T. -0.01 min
Lab File: BF108430.D
Acq: 23 Aug 2018 19:37

Instrument :
BNA_F
ClientSampleId :
PB112238BS

Tot Ion	Ratio	Lower	Upper
202	100		
200	22.2	17.4	26.2
203	17.8	14.3	21.5

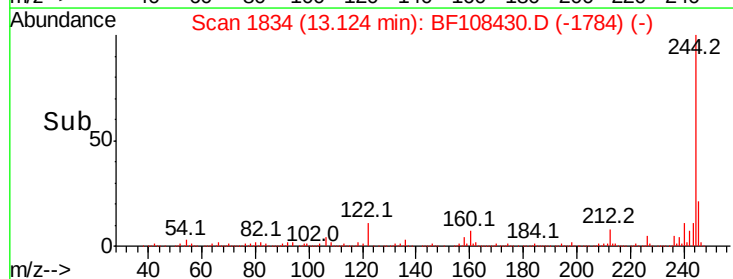
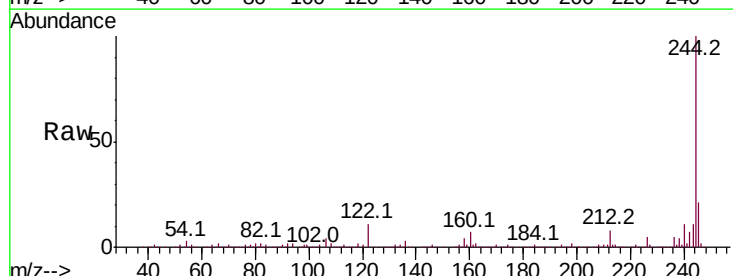
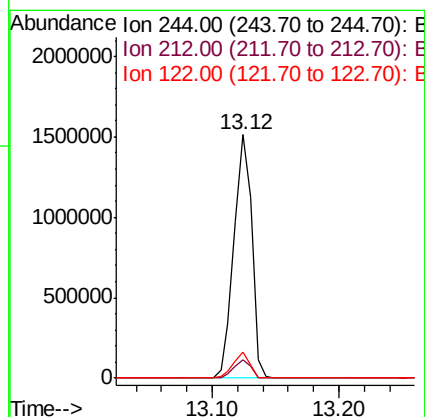
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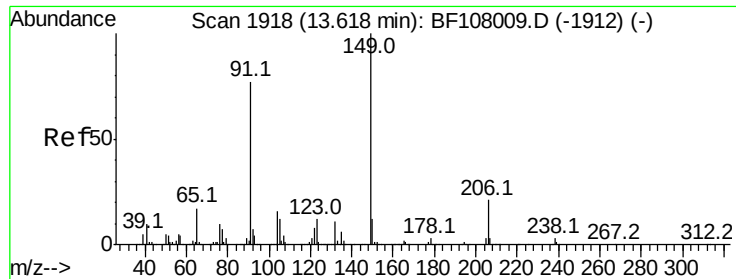
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#78
Terphenyl-d14
Concen: 101.826 ng
RT: 13.12 min Scan# 1834
Delta R.T. -0.01 min
Lab File: BF108430.D
Acq: 23 Aug 2018 19:37

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.6	5.4	8.0
122	10.9	11.0	16.4





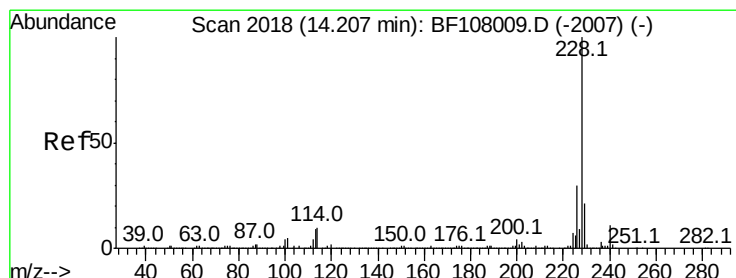
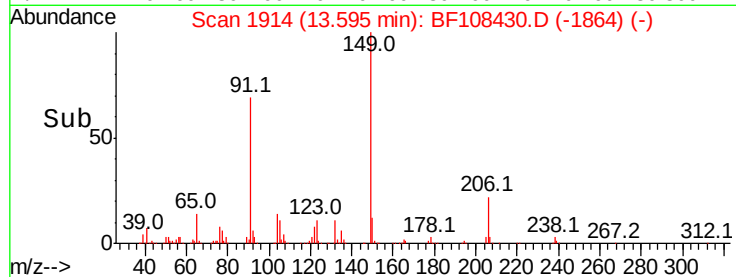
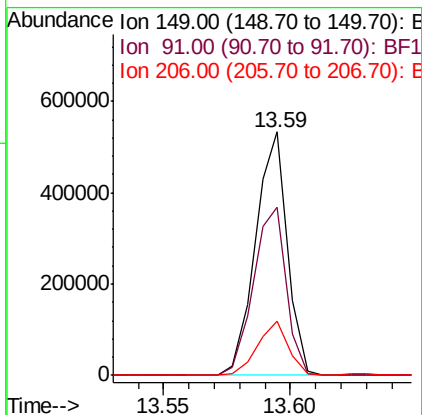
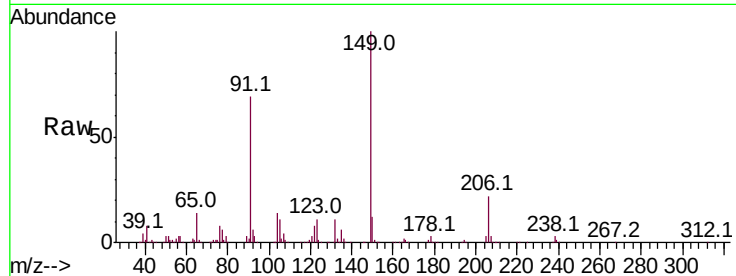
#79
Butylbenzylphthalate
Concen: 50.588 ng
RT: 13.59 min Scan# 1914
Delta R.T. -0.01 min
Lab File: BF108430.D
Acq: 23 Aug 2018 19:37

Instrument :
BNA_F
ClientSampleId :
PB112238BS

Tot Ion	Ratio	Resp	Lower	Upper
149	100	462982		
91	69.1	56.8	85.2	
206	22.0	14.1	21.1	

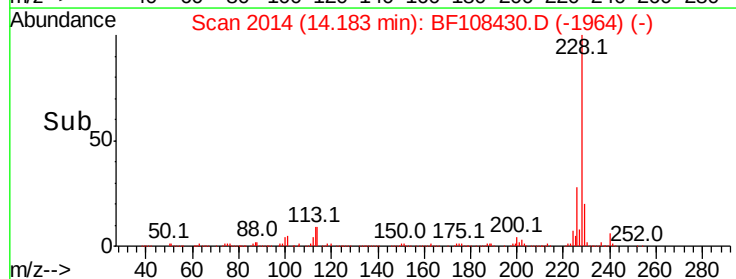
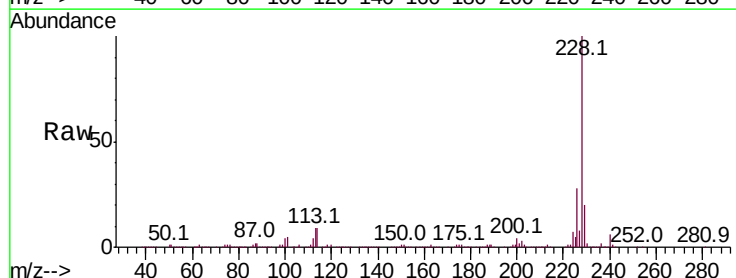
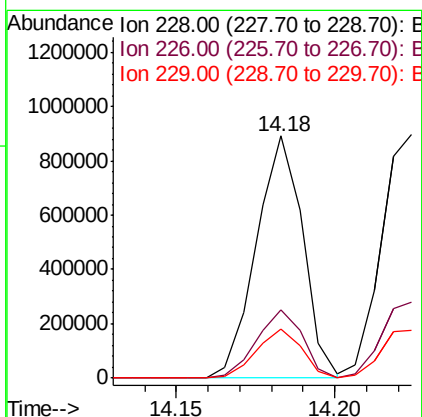
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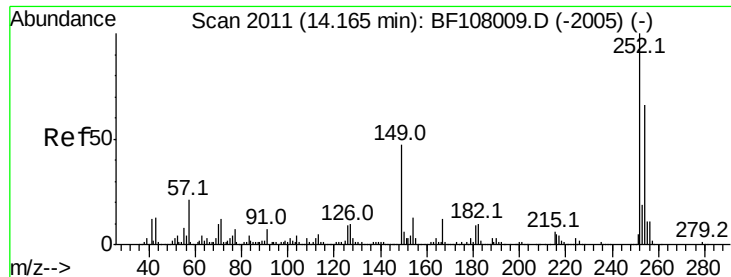
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#80
Benzo(a)anthracene
Concen: 43.384 ng
RT: 14.18 min Scan# 2014
Delta R.T. -0.01 min
Lab File: BF108430.D
Acq: 23 Aug 2018 19:37

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	906404		
226	28.1	22.6	33.8	
229	20.3	15.8	23.6	





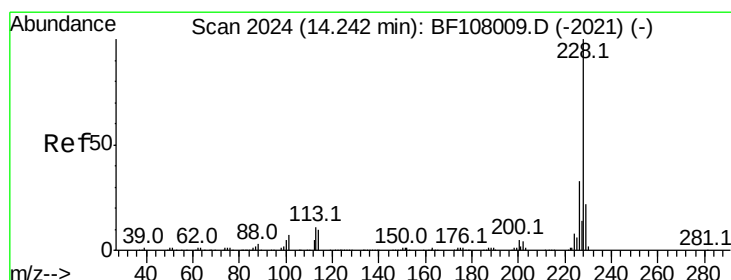
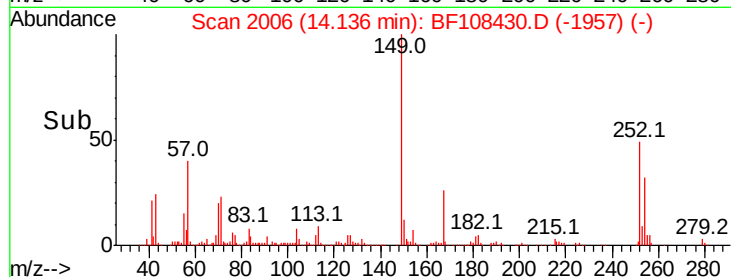
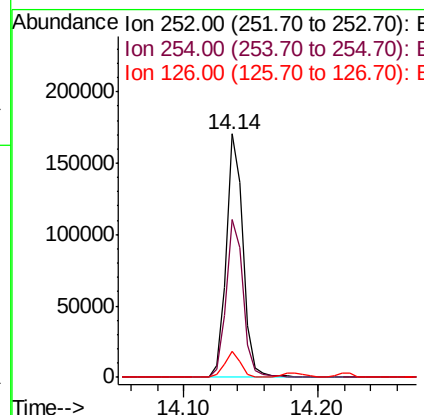
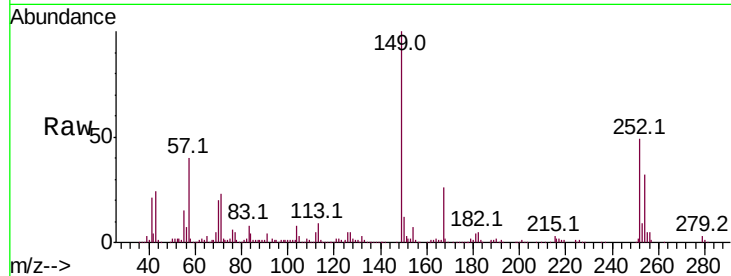
#81
 3,3'-Dichlorobenzidine
 Concen: 20.285 ng
 RT: 14.14 min Scan# 2006
 Delta R.T. -0.01 min
 Lab File: BF108430.D
 Acq: 23 Aug 2018 19:37

Instrument :
 BNA_F
 ClientSampleId :
 PB112238BS

Tot Ion	Ratio	Resp Lower	Upper
252	100		
254	64.7	50.4	75.6
126	10.4	11.3	16.9

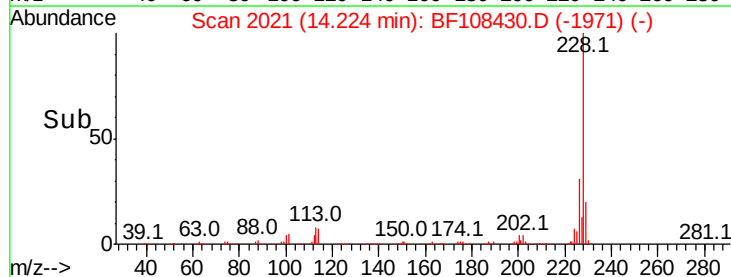
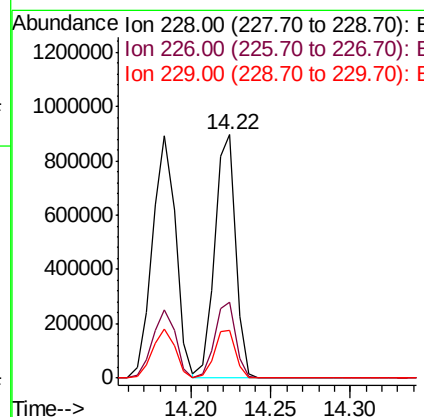
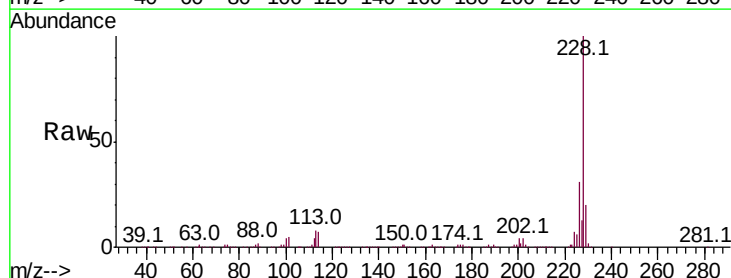
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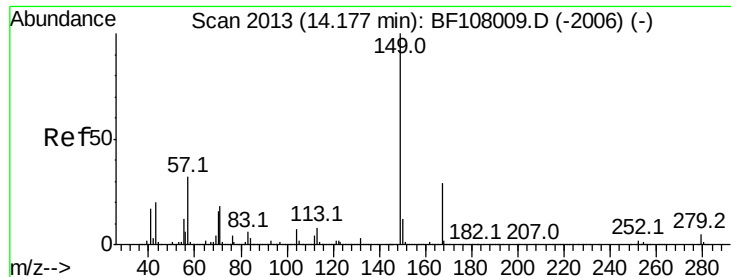
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#82
 Chrysene
 Concen: 43.004 ng
 RT: 14.22 min Scan# 2021
 Delta R.T. -0.01 min
 Lab File: BF108430.D
 Acq: 23 Aug 2018 19:37

Tgt Ion	Ratio	Resp Lower	Upper
228	100		
226	31.2	25.0	37.6
229	19.7	16.2	24.4





#83

Bis(2-ethylhexyl)phthalate

Concen: 47.447 ng

RT: 14.14 min Scan# 2007

Delta R.T. -0.01 min

Lab File: BF108430.D

Acq: 23 Aug 2018 19:37

Instrument :

BNA_F

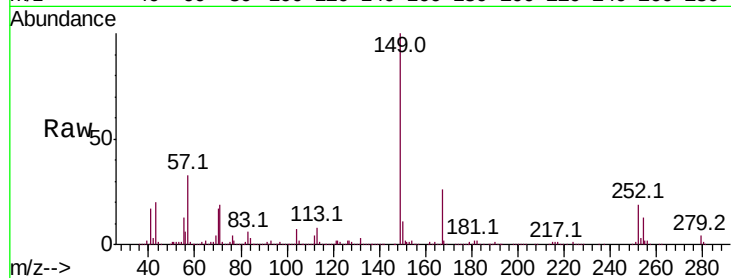
ClientSampleId :

PB112238BS

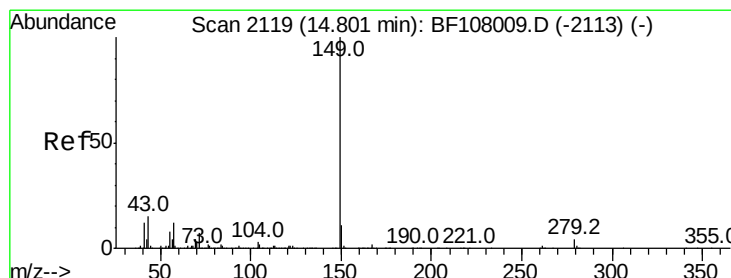
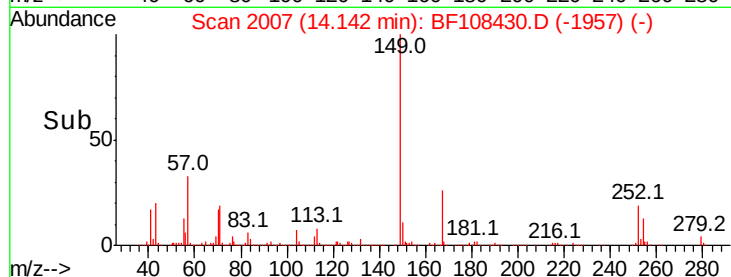
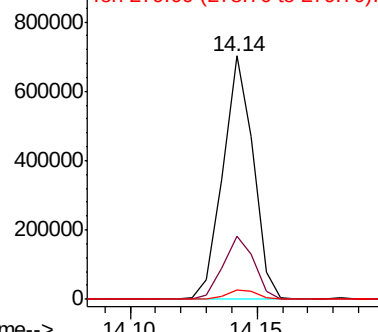
Tot Ion:	149	Resp:	588042
Ion Ratio	Lower	Upper	
149	100		
167	26.0	21.3	31.9
279	3.9	3.0	4.4

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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: 43.675 ng

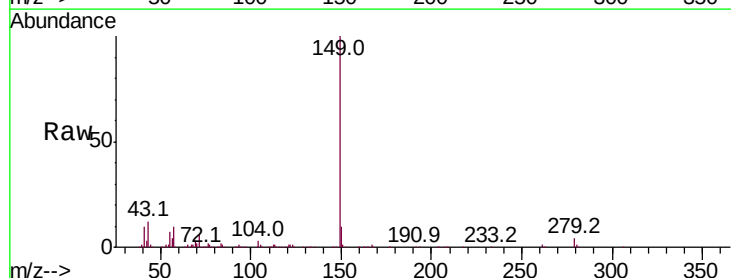
RT: 14.77 min Scan# 2113

Delta R.T. -0.01 min

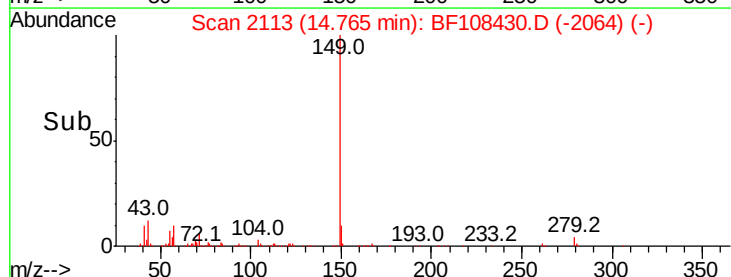
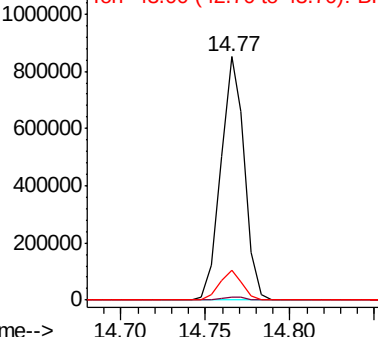
Lab File: BF108430.D

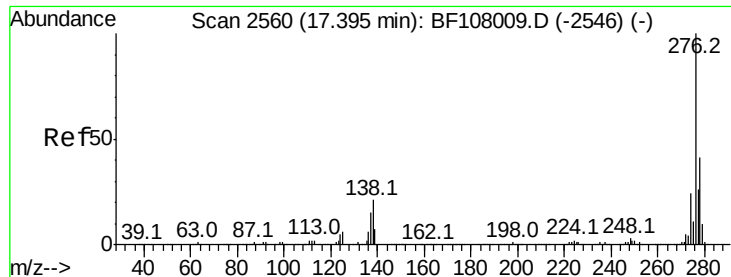
Acq: 23 Aug 2018 19:37

Tgt Ion:	149	Resp:	825519
Ion Ratio	Lower	Upper	
149	100		
167	1.5	1.2	1.8
43	11.8	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





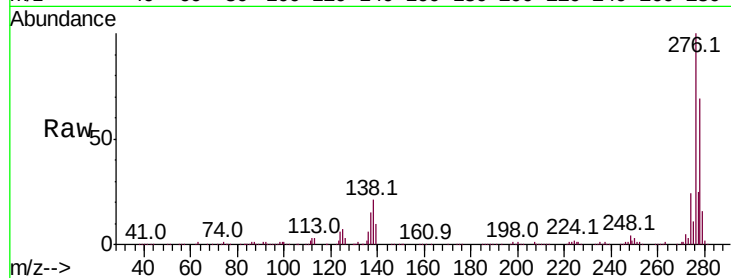
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 47.598 ng
 RT: 17.36 min Scan# 2554
 Delta R.T. -0.01 min
 Lab File: BF108430.D
 Acq: 23 Aug 2018 19:37

Instrument :
 BNA_F
 ClientSampleId :
 PB112238BS

Tot Ion	Ratio	Resp	Lower	Upper
276	100			
138	21.9	25.0	37.6	
277	25.0	20.1	30.1	

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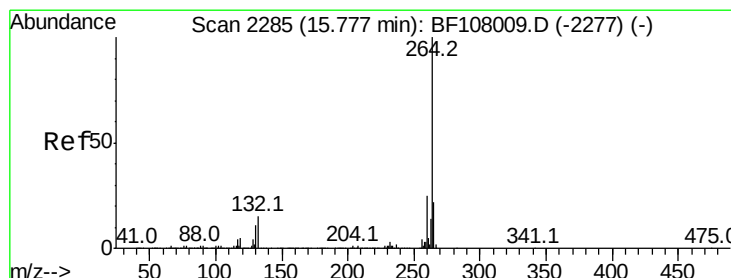
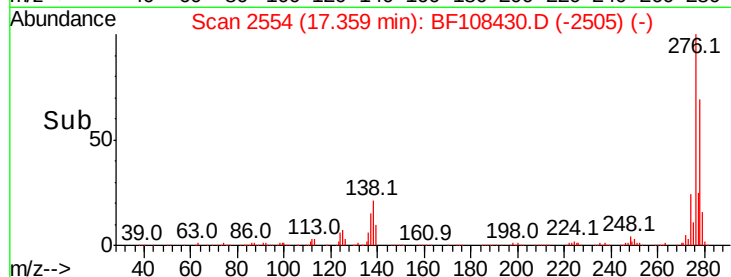
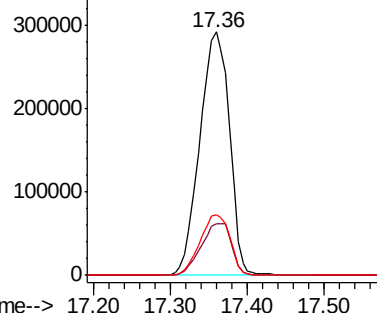


Abundance

Ion 276.00 (275.70 to 276.70): E

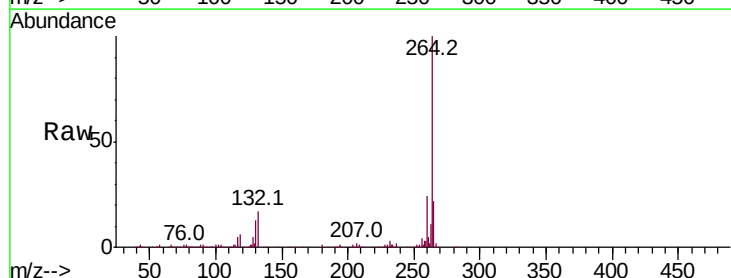
Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.74 min Scan# 2279
 Delta R.T. -0.02 min
 Lab File: BF108430.D
 Acq: 23 Aug 2018 19:37

Tgt Ion	Ratio	Resp	Lower	Upper
264	100			
260	24.3	19.2	28.8	
265	21.7	17.5	26.3	

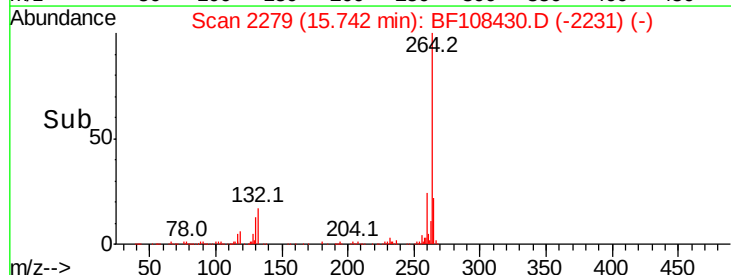
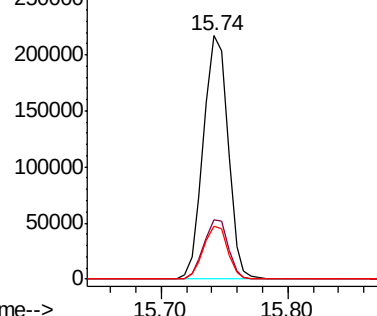


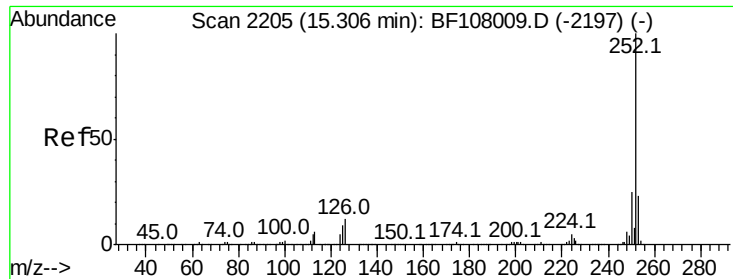
Abundance

Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





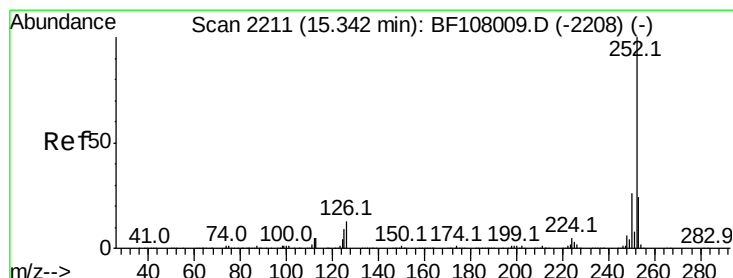
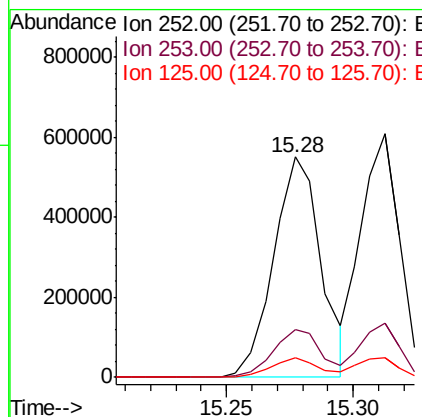
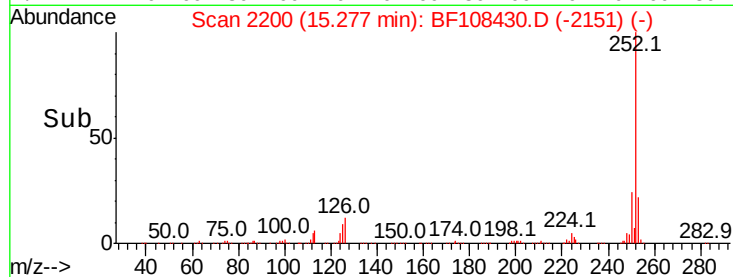
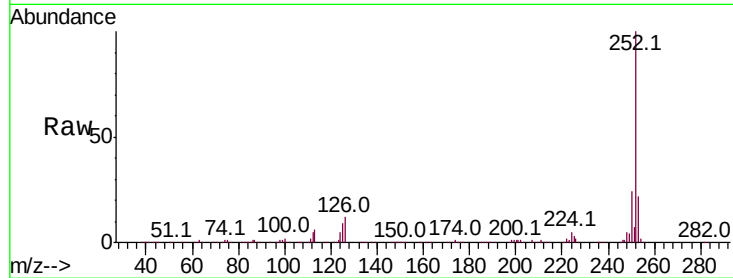
#87
Benzo(b)fluoranthene
Concen: 41.269 ng
RT: 15.28 min Scan# 2200
Delta R.T. -0.01 min
Lab File: BF108430.D
Acq: 23 Aug 2018 19:37

Instrument :
BNA_F
ClientSampleId :
PB112238BS

Tot Ion	Ratio	Resp Lower	Upper
252	100		
253	21.9	17.0	25.6
125	9.0	9.0	13.6#

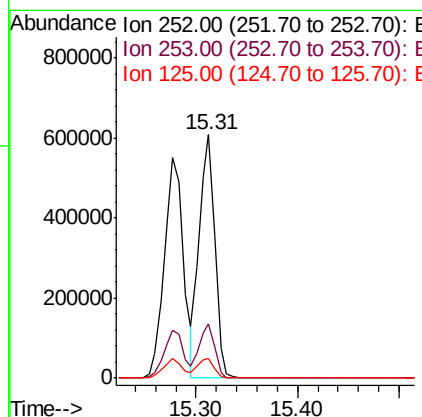
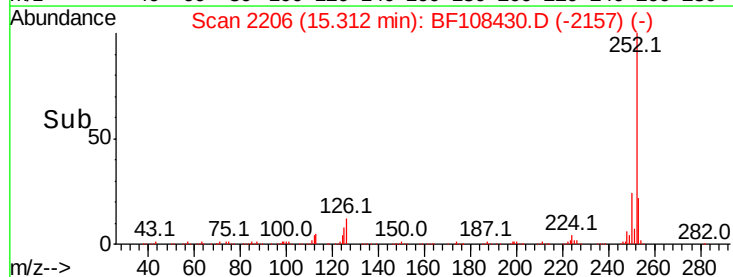
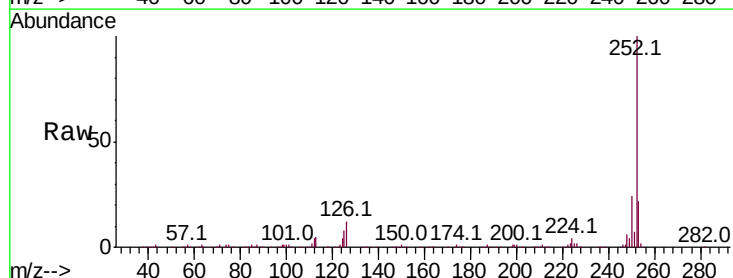
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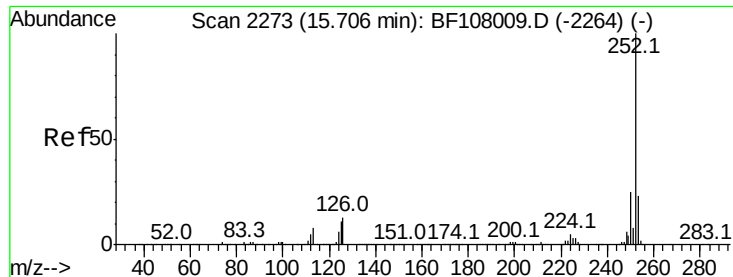
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#88
Benzo(k)fluoranthene
Concen: 40.656 ng
RT: 15.31 min Scan# 2206
Delta R.T. -0.01 min
Lab File: BF108430.D
Acq: 23 Aug 2018 19:37

Tgt Ion	Ratio	Resp Lower	Upper
252	100		
253	22.3	17.9	26.9
125	8.3	10.2	15.2#





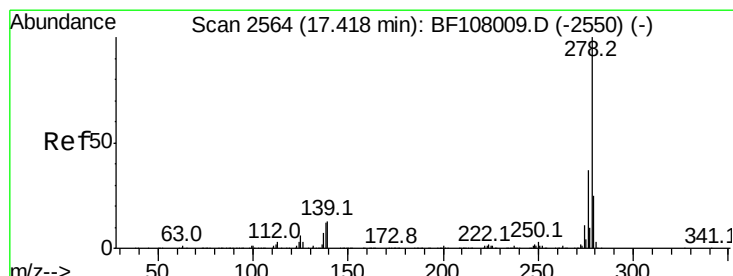
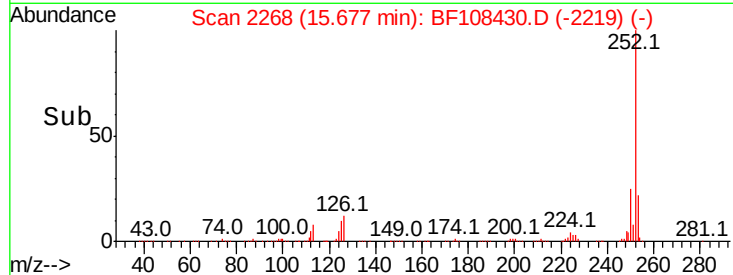
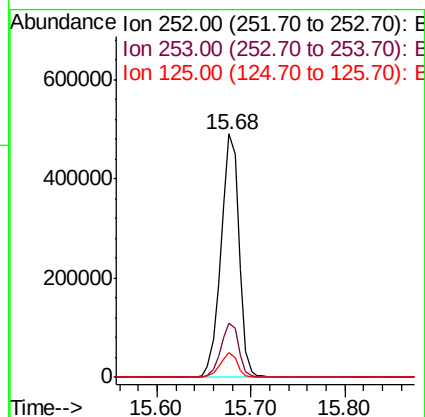
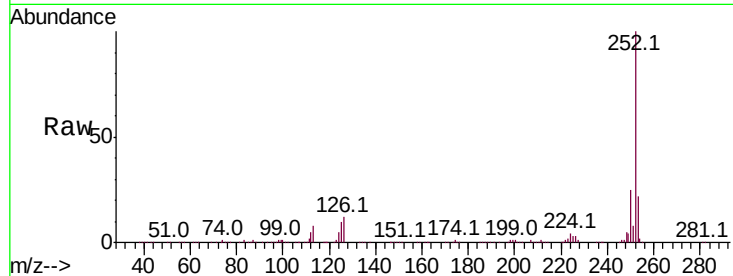
#89
Benzo(a)pyrene
Concen: 42.343 ng
RT: 15.68 min Scan# 2268
Delta R.T. -0.01 min
Lab File: BF108430.D
Acq: 23 Aug 2018 19:37

Instrument :
BNA_F
ClientSampleId :
PB112238BS

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.2	17.1	25.7
125	9.9	9.8	14.6

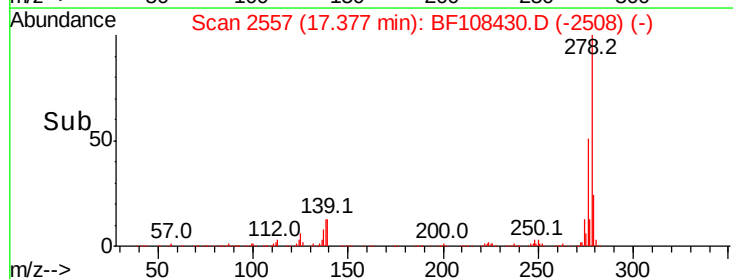
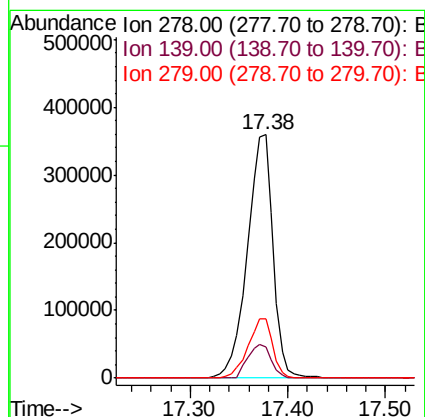
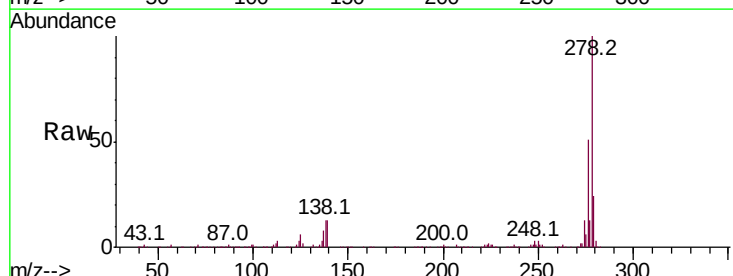
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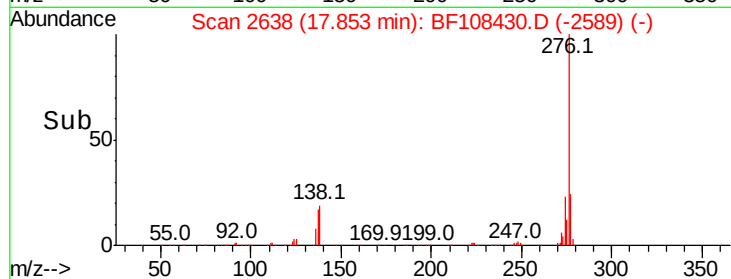
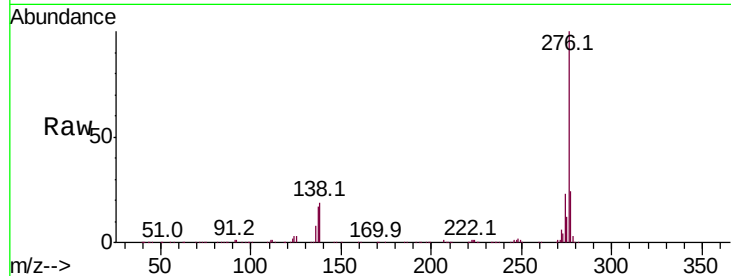
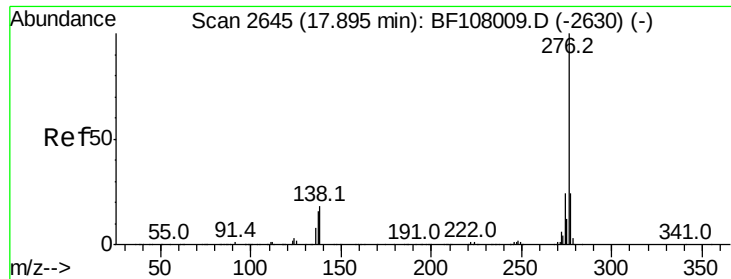
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#90
Dibenzo(a,h)anthracene
Concen: 51.215 ng
RT: 17.38 min Scan# 2557
Delta R.T. -0.01 min
Lab File: BF108430.D
Acq: 23 Aug 2018 19:37

Tgt Ion	Ratio	Lower	Upper
278	100		
139	12.8	15.9	23.9#
279	24.1	19.0	28.4





#91

Benzo(a,h,i)perylene

Concen: 52.513 ng

RT: 17.85 min Scan# 2638

Delta R.T. -0.01 min

Lab File: BF108430.D

Acq: 23 Aug 2018 19:37

Instrument :

BNA_F

ClientSampleId :

PB112238BS

Tot Ion:	276	Resp:	669049
Ion Ratio	Lower	Upper	
276	100		
277	23.7	17.9	26.9
138	18.6	21.8	32.8#

Manual Integrations
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