

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082318\
 Data File : BF108428.D
 Acq On : 23 Aug 2018 18:43
 Operator : JU/SJ
 Sample : PB112233BS
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB112233BS

Manual Integrations
 APPROVED

Sohil
 8/24/2018 12:14:05 PM

Quant Time: Aug 24 01:42:48 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	127225	20.00	ng	0.00
21) Naphthalene-d8	8.28	136	516159	20.00	ng	0.00
38) Acenaphthene-d10	10.05	164	263110	20.00	ng	0.00
63) Phenanthrene-d10	11.54	188	523819	20.00	ng	0.00
75) Chrysene-d12	14.19	240	344090	20.00	ng	0.00
86) Perylene-d12	15.74	264	269503	20.00	ng	-0.02

System Monitoring Compounds

5) 2-Fluorophenol	5.64	112	760149	108.17	ng	0.00
7) Phenol-d6	6.62	99	1018292	109.05	ng	0.00
23) Nitrobenzene-d5	7.57	82	664043	71.79	ng	0.00
41) 2,4,6-Tribromophenol	10.84	330	305728	116.49	ng	0.00
44) 2-Fluorobiphenyl	9.36	172	1315180	80.25	ng	0.00
78) Terphenyl-d14	13.12	244	1394931	103.07	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.01	88	135047	37.400	ng	89
3) Pyridine	3.75	79	376590	40.487	ng	87
4) n-Nitrosodimethylamine	3.71	42	198350	37.897	ng	81
6) Aniline	6.67	93	411110	32.366	ng	98
8) 2-Chlorophenol	6.79	128	343398	43.388	ng	99
9) Benzaldehyde	6.55	77	225158	31.099	ng	98
10) Phenol	6.64	94	412551	42.710	ng	90
11) bis(2-Chloroethyl)ether	6.73	93	330704	42.348	ng	94
12) 1,3-Dichlorobenzene	6.94	146	394158	43.071	ng	100
13) 1,4-Dichlorobenzene	7.02	146	396121	43.082	ng	97
14) 1,2-Dichlorobenzene	7.17	146	369360	43.188	ng	97
15) Benzyl Alcohol	7.14	79	316934	40.315	ng	95
16) 2,2'-oxybis(1-Chloropropan	7.27	45	639520	39.753	ng	99
17) 2-Methylphenol	7.24	107	304538	44.869	ng	94
18) Hexachloroethane	7.51	117	142507	43.535	ng	90
19) n-Nitroso-di-n-propylamine	7.41	70	259998	41.173	ng	90
20) 3+4-Methylphenols	7.40	107	367633	42.268	ng	# 86
22) Acetophenone	7.41	105	495687	41.071	ng	# 94
24) Nitrobenzene	7.58	77	388130	41.495	ng	96
25) Isophorone	7.82	82	710087	40.276	ng	98
26) 2-Nitrophenol	7.90	139	175381	49.650	ng	88
27) 2,4-Dimethylphenol	7.92	122	328137	41.934	ng	95
28) bis(2-Chloroethoxy)methane	8.02	93	428573	41.640	ng	99
29) 2,4-Dichlorophenol	8.14	162	312036	43.332	ng	98
30) 1,2,4-Trichlorobenzene	8.22	180	330861	41.673	ng	96
31) Naphthalene	8.31	128	1009839	43.020	ng	99
32) Benzoic acid	8.04	122	147404	34.396	ng	88
33) 4-Chloroaniline	8.35	127	215340	21.050	ng	97
34) Hexachlorobutadiene	8.41	225	213450	42.468	ng	99
35) Caprolactam	8.72	113	86729m	38.433	ng	
36) 4-Chloro-3-methylphenol	8.83	107	326879	42.078	ng	97
37) 2-Methylnaphthalene	9.00	142	705210	42.462	ng	99
39) 1,2,4,5-Tetrachlorobenzene	9.17	216	353755	43.782	ng	99
40) Hexachlorocyclopentadiene	9.15	237	357943	68.587	ng	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.27	196	231297	46.131	nq	99
43) 2,4,5-Trichlorophenol	9.32	196	243755	44.163	nq #	94
45) 1,1'-Biphenyl	9.46	154	857720	44.214	nq	99
46) 2-Chloronaphthalene	9.49	162	658936	42.977	nq	99
47) 2-Nitroaniline	9.58	65	221873	44.724	nq #	84
48) Acenaphthylene	9.91	152	1064307	43.908	nq	99
49) Dimethylphthalate	9.76	163	785870	42.879	nq #	99
50) 2,6-Dinitrotoluene	9.82	165	170552	44.478	nq	89
51) Acenaphthene	10.08	154	629242	42.383	nq	99
52) 3-Nitroaniline	10.00	138	118885	28.337	nq	97
53) 2,4-Dinitrophenol	10.11	184	119561	83.024	nq #	21
54) Dibenzofuran	10.25	168	933716	43.410	nq	97
55) 4-Nitrophenol	10.16	139	242931	76.465	nq	84
56) 2,4-Dinitrotoluene	10.24	165	229347	46.466	nq #	98
57) Fluorene	10.60	166	741968	43.576	nq	99
58) 2,3,4,6-Tetrachlorophenol	10.37	232	201099	43.591	nq	88
59) Diethylphthalate	10.46	149	762945	42.989	nq	96
60) 4-Chlorophenyl-phenylether	10.58	204	381203	42.965	nq	94
61) 4-Nitroaniline	10.62	138	175466	42.302	nq	92
62) Azobenzene	10.75	77	765019	41.740	nq	92
64) 4,6-Dinitro-2-methylphenol	10.65	198	83231	42.956	nq	76
65) n-Nitrosodiphenylamine	10.71	169	664808	42.948	nq	97
66) 4-Bromophenyl-phenylether	11.08	248	246520	43.306	nq #	87
67) Hexachlorobenzene	11.15	284	258197	43.109	nq #	87
68) Atrazine	11.23	200	219434	42.265	nq	94
69) Pentachlorophenol	11.34	266	231662	80.809	nq	97
70) Phenanthrene	11.57	178	1069801	43.300	nq	100
71) Anthracene	11.62	178	1103176	43.565	nq	98
72) Carbazole	11.77	167	939023	41.737	nq	99
73) Di-n-butylphthalate	12.08	149	1157348	45.415	nq	99
74) Fluoranthene	12.76	202	1143114	42.394	nq	96
76) Benzidine	12.88	184	501228	38.988	nq	99
77) Pyrene	12.99	202	1129573	51.852	nq	100
79) Butylbenzylphthalate	13.59	149	450604	52.091	nq #	97
80) Benzo(a)anthracene	14.18	228	861508	43.627	nq	100
81) 3,3'-Dichlorobenzidine	14.14	252	149186	21.081	nq #	97
82) Chrysene	14.22	228	795043	43.915	nq	99
83) Bis(2-ethylhexyl)phthalate	14.14	149	570473	48.700	nq	100
84) Di-n-octyl phthalate	14.77	149	792705	44.372	nq	97
85) Indeno(1,2,3-cd)pyrene	17.36	276	728500	46.441	nq #	91
87) Benzo(b)fluoranthene	15.28	252	666311	41.376	nq	97
88) Benzo(k)fluoranthene	15.31	252	608569	41.110	nq #	96
89) Benzo(a)pyrene	15.68	252	601859	41.736	nq	97
90) Dibenzo(a,h)anthracene	17.38	278	610744	51.187	nq #	93
91) Benzo(g,h,i)perylene	17.85	276	619890	52.761	nq #	90

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

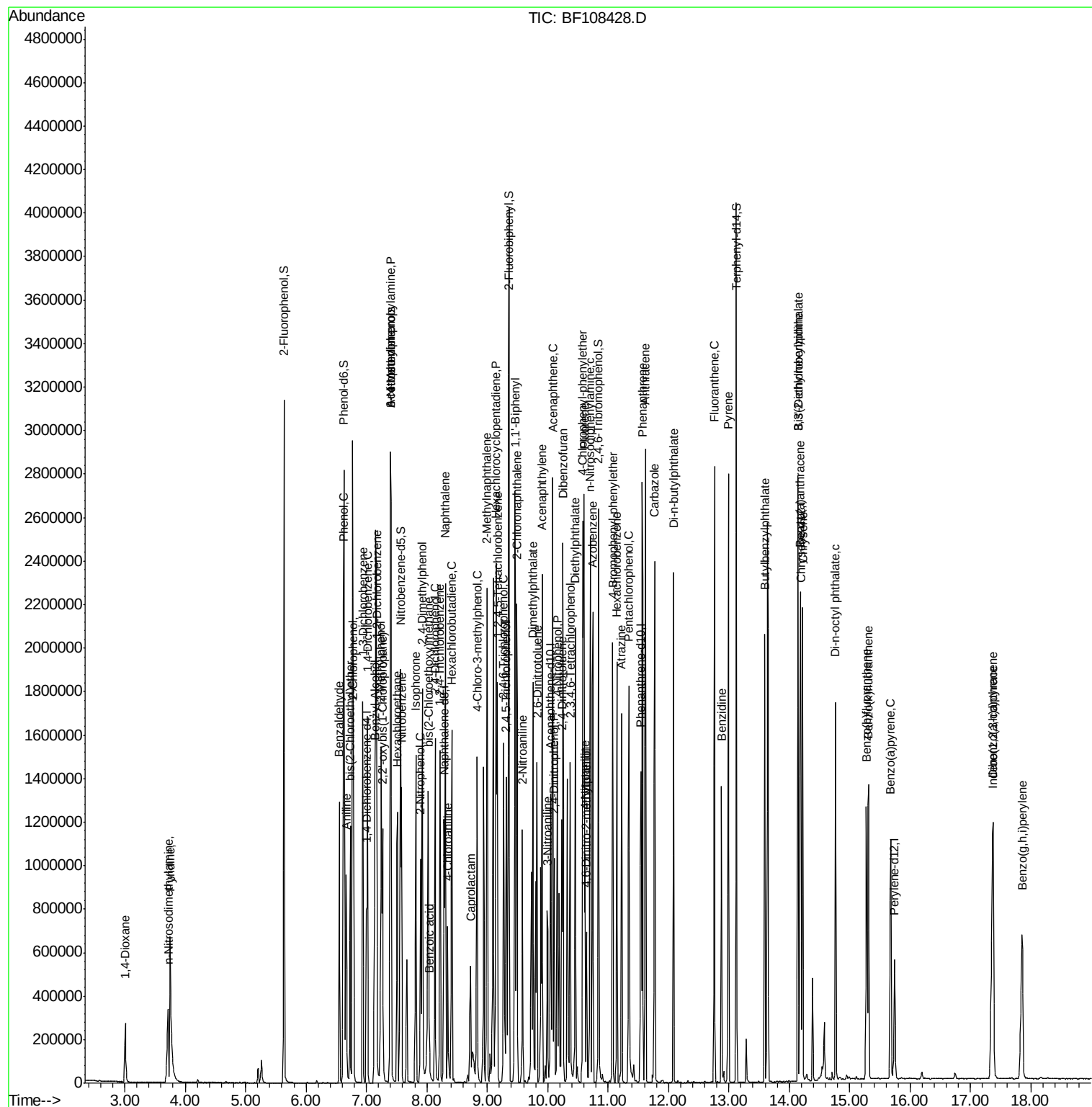
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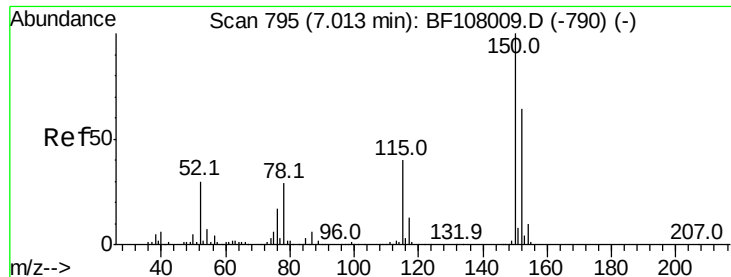
Instrument :
BNA_F
ClientSampled :
PB112233BS

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#1

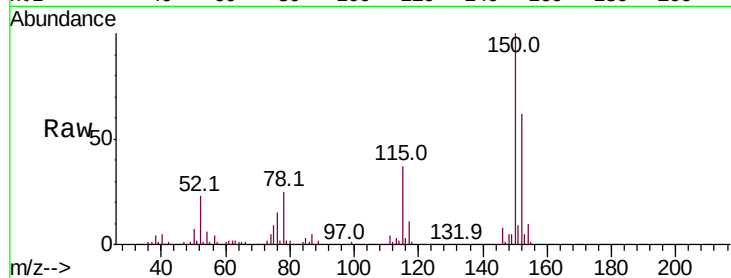
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.00 min Scan# 793
Delta R.T. -0.01 min
Lab File: BF108428.D
Acq: 23 Aug 2018 18:43

Instrument :
BNA_F
ClientSampleId :
PB112233BS

Tot Ion	Ratio	Lower	Upper
152	100		
150	162.3	124.6	186.8
115	60.1	50.1	75.1

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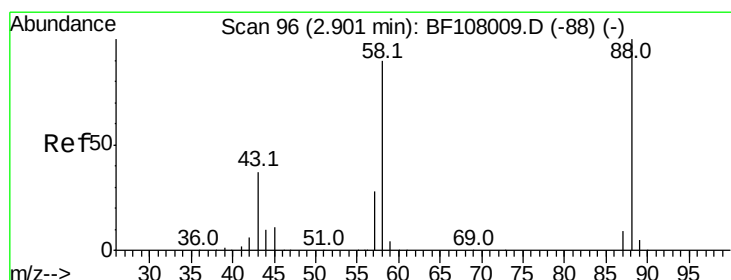
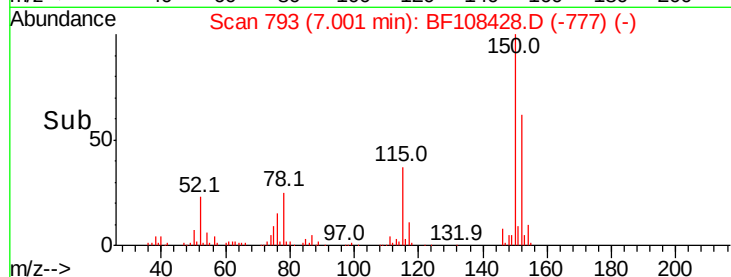
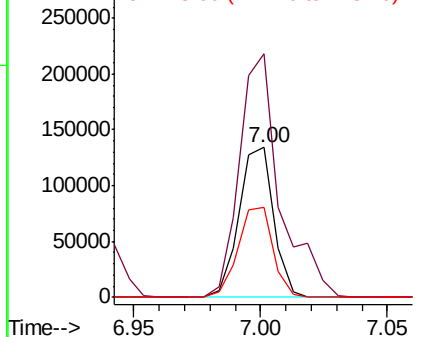


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 37.400 ng
RT: 3.01 min Scan# 114
Delta R.T. 0.14 min
Lab File: BF108428.D
Acq: 23 Aug 2018 18:43

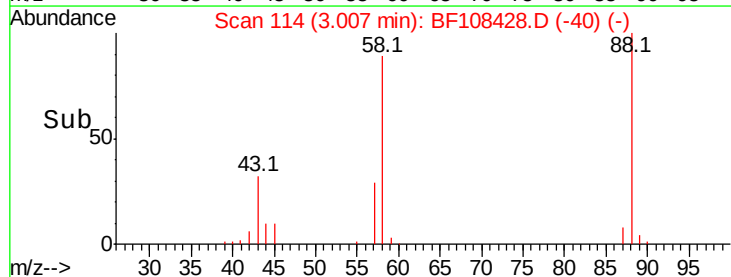
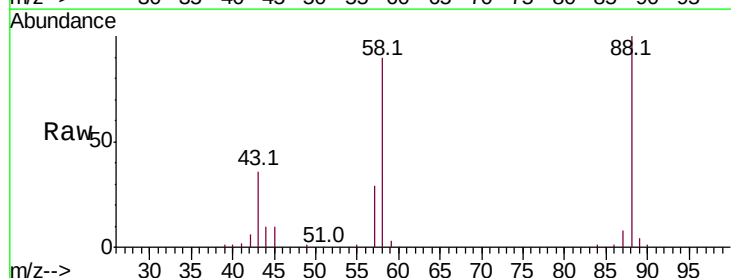
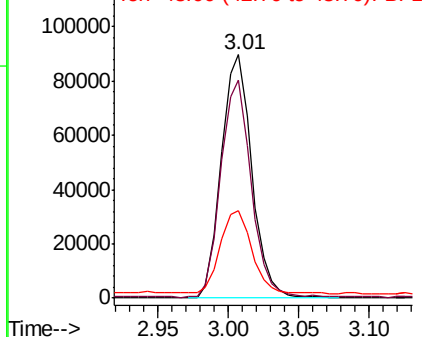
Tgt Ion	Ratio	Lower	Upper
88	100		
58	88.5	62.6	93.8
43	35.8	24.6	37.0

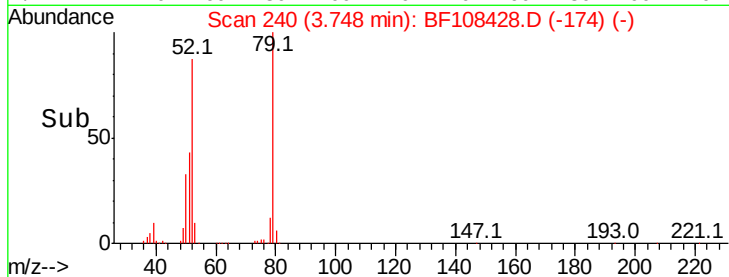
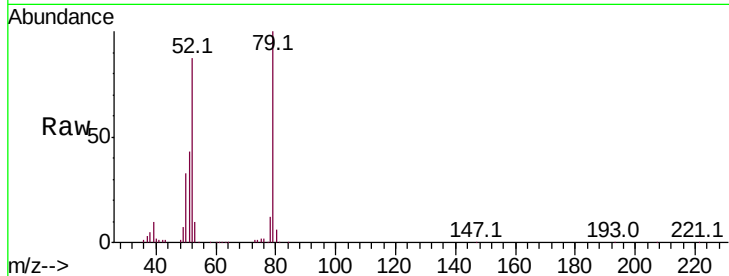
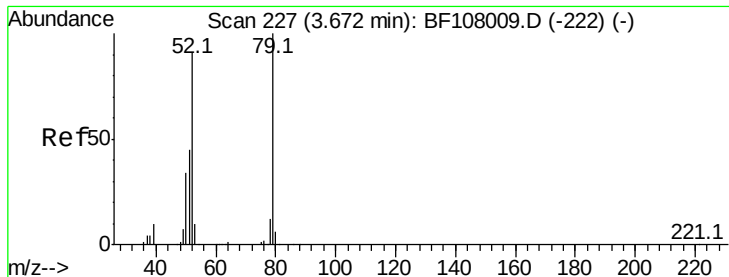
Abundance

Ion 88.00 (87.70 to 88.70): BF1

Ion 58.00 (57.70 to 58.70): BF1

Ion 43.00 (42.70 to 43.70): BF1





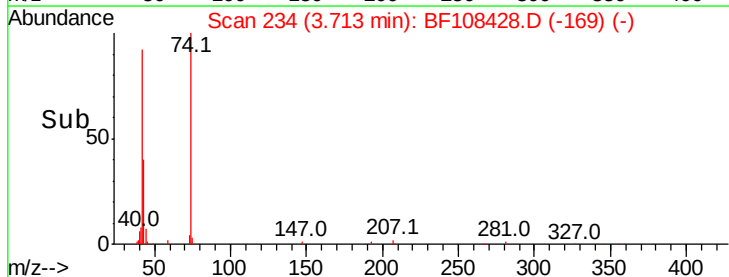
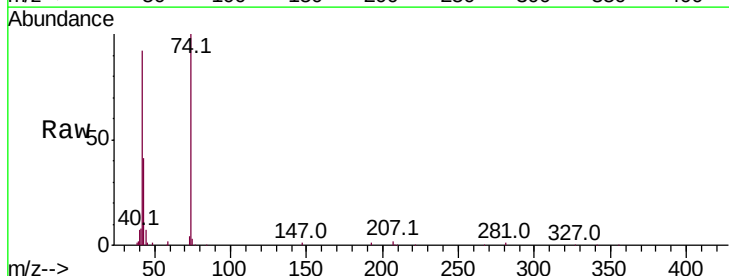
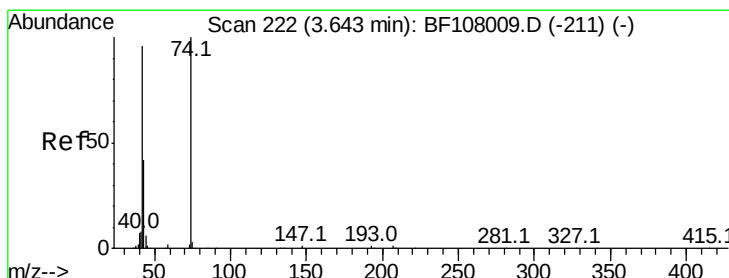
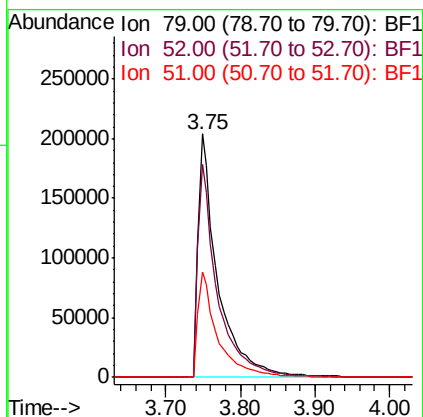
#3
Pvridine
Concen: 40.487 ng
RT: 3.75 min Scan# 240
Delta R.T. 0.09 min
Lab File: BF108428.D
Acq: 23 Aug 2018 18:43

Tot Ion	79	Resp	376590
Ion Ratio	Lower	Upper	
79	100		
52	87.3	59.8	89.6
51	43.2	29.8	44.8

Instrument :
BNA_F
ClientSampleId :
PB112233BS

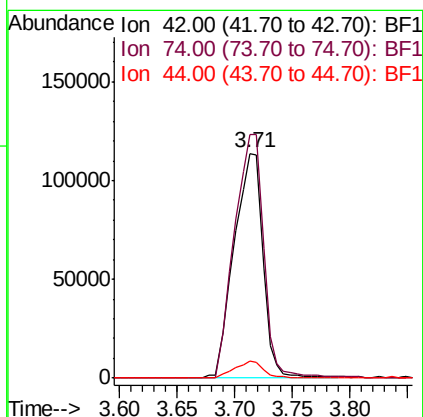
Manual Integrations
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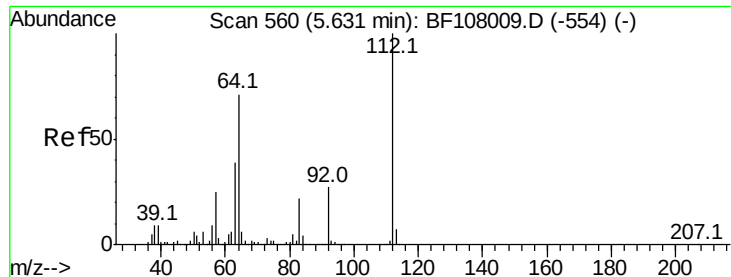
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#4
n-Nitrosodimethylamine
Concen: 37.897 ng
RT: 3.71 min Scan# 234
Delta R.T. 0.08 min
Lab File: BF108428.D
Acq: 23 Aug 2018 18:43

Tgt Ion	42	Resp	198350
Ion Ratio	Lower	Upper	
42	100		
74	108.1	104.9	157.3
44	7.3	6.9	10.3





#5

2-Fluorophenol

Concen: 108.172 ng

RT: 5.64 min Scan# 561

Delta R.T. 0.01 min

Lab File: BF108428.D

Acq: 23 Aug 2018 18:43

Instrument :

BNA_F

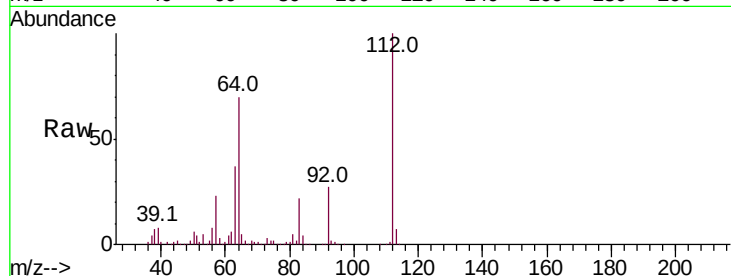
ClientSampleId :

PB112233BS

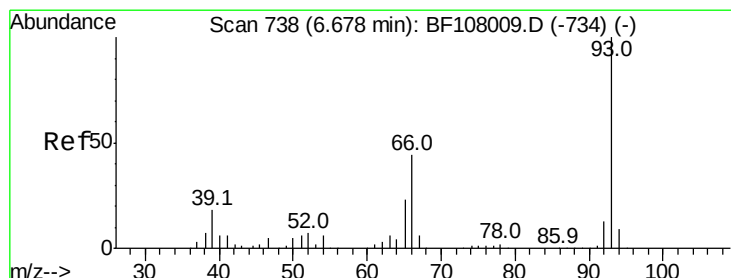
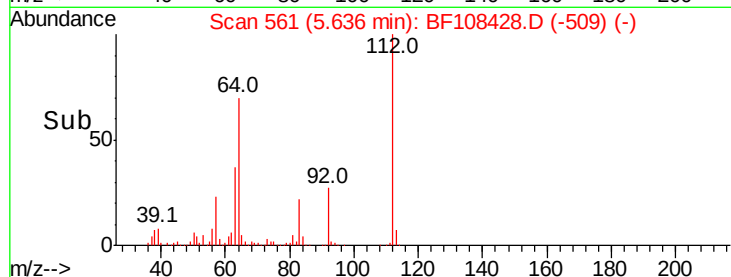
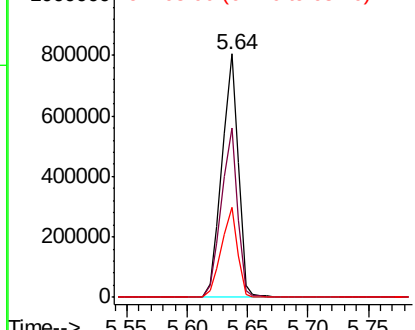
Tot Ion:	112	Resp:	760149
Ion Ratio	Lower	Upper	
112	100		
64	69.5	47.9	71.9
63	36.9	23.7	35.5#

Manual Integrations
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8/24/2018 12:14:05 PM



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



#6

Aniline

Concen: 32.366 ng

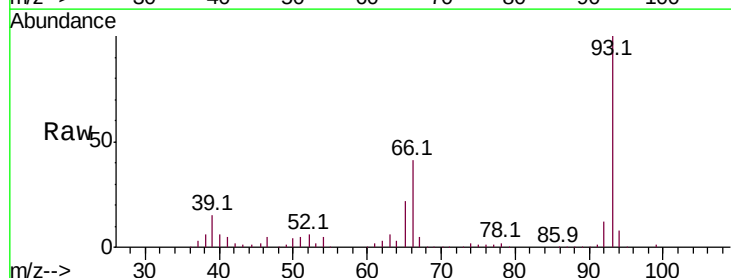
RT: 6.67 min Scan# 736

Delta R.T. -0.01 min

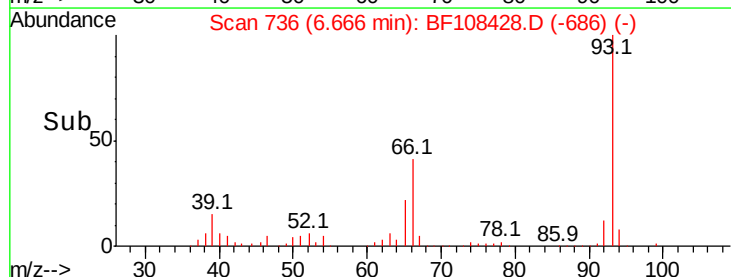
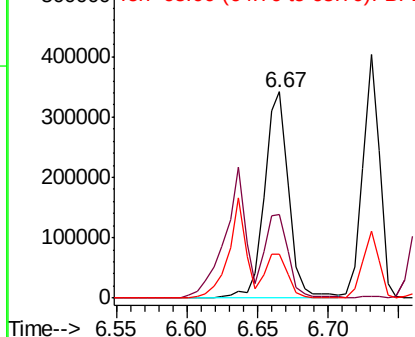
Lab File: BF108428.D

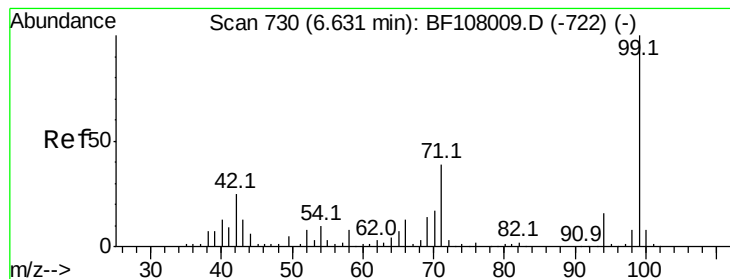
Acq: 23 Aug 2018 18:43

Tgt Ion:	93	Resp:	411110
Ion Ratio	Lower	Upper	
93	100		
66	40.9	32.2	48.2
65	21.6	16.4	24.6



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





#7

Phenol-d6

Concen: 109.045 ng

RT: 6.62 min Scan# 729

Delta R.T. -0.01 min

Lab File: BF108428.D

Acq: 23 Aug 2018 18:43

Instrument :

BNA_F

ClientSampleId :

PB112233BS

Tot Ion: 99 Resp: 1018292

Ion Ratio Lower Upper

99 100

42 22.6 14.5 21.7#

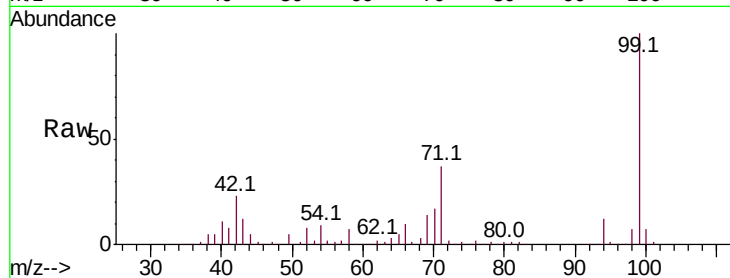
71 36.7 25.4 38.0

Manual Integrations

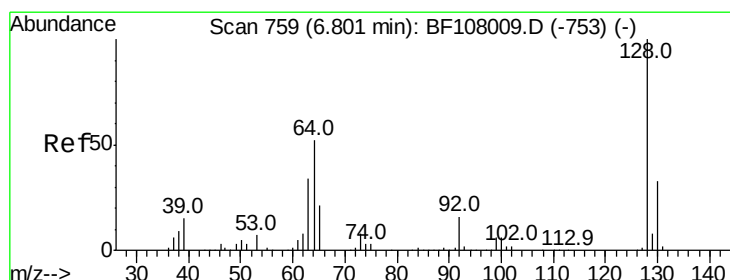
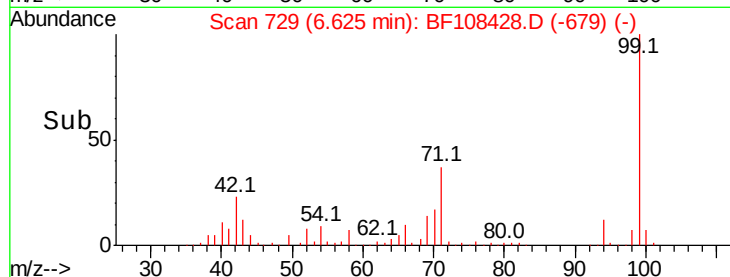
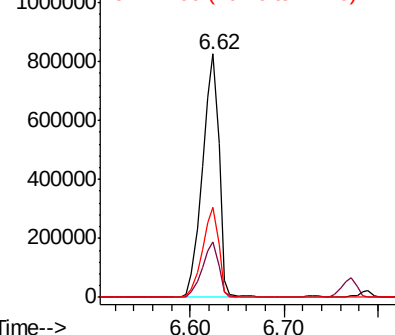
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Abundance Ion 99.00 (98.70 to 99.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 71.00 (70.70 to 71.70): BF1



#8

2-Chlorophenol

Concen: 43.388 ng

RT: 6.79 min Scan# 757

Delta R.T. -0.01 min

Lab File: BF108428.D

Acq: 23 Aug 2018 18:43

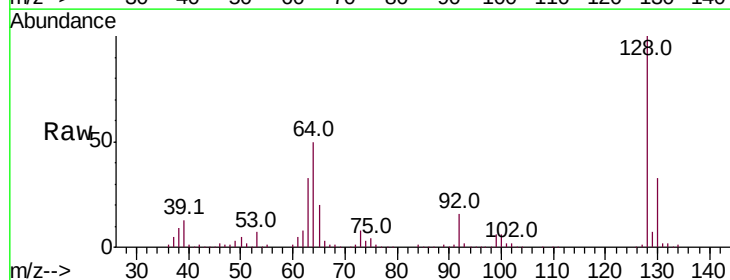
Tgt Ion: 128 Resp: 343398

Ion Ratio Lower Upper

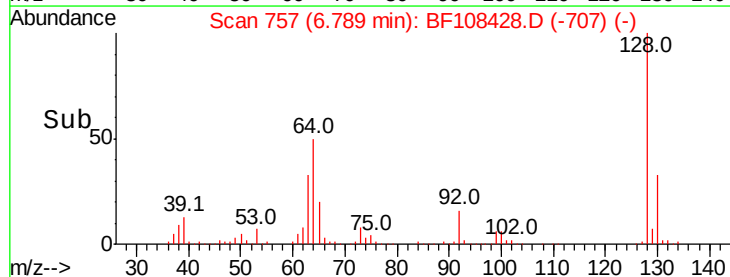
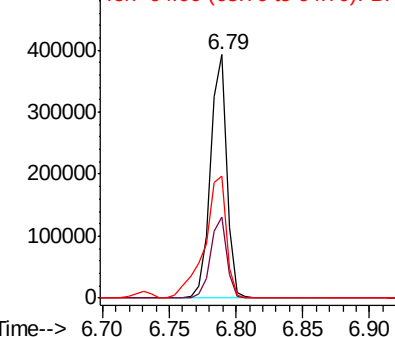
128 100

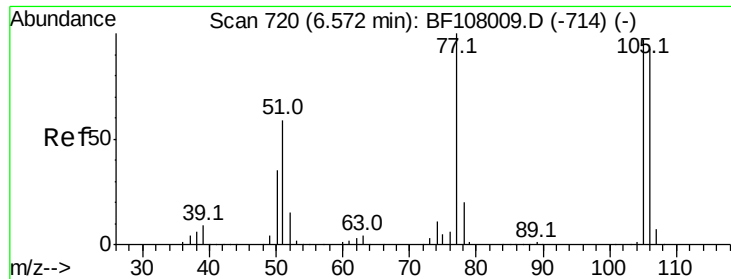
130 33.2 13.0 53.0

64 50.2 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: 31.099 ng

RT: 6.55 min Scan# 717

Delta R.T. -0.01 min

Lab File: BF108428.D

Acq: 23 Aug 2018 18:43

Instrument :

BNA_F

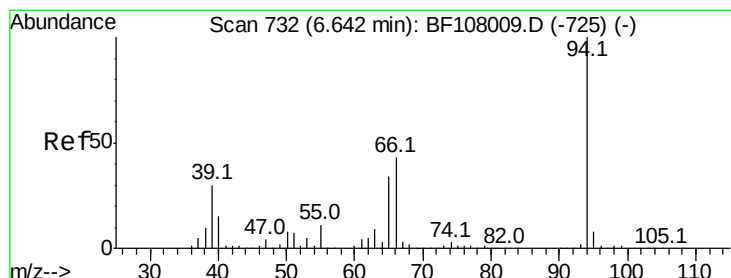
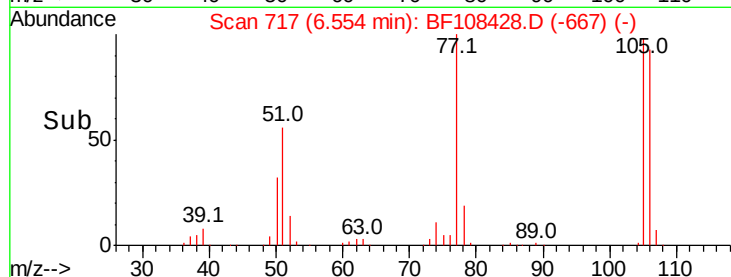
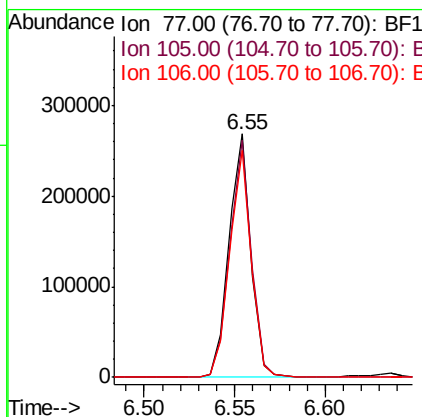
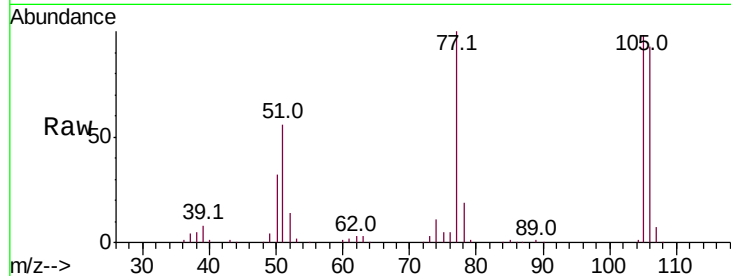
ClientSampleID :

PB112233BS

Tot Ion:	77	Resp:	225158
Ion Ratio	Lower	Upper	
77	100		
105	97.6	81.1	121.1
106	93.4	74.5	114.5

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#10

Phenol

Concen: 42.710 ng

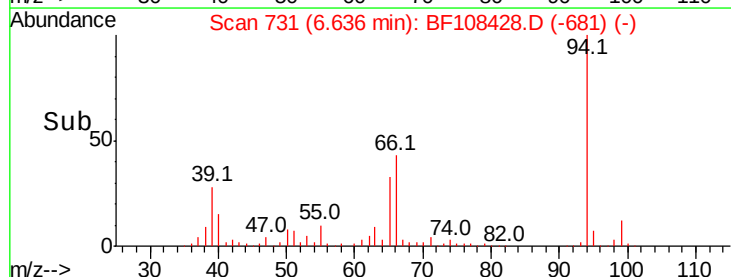
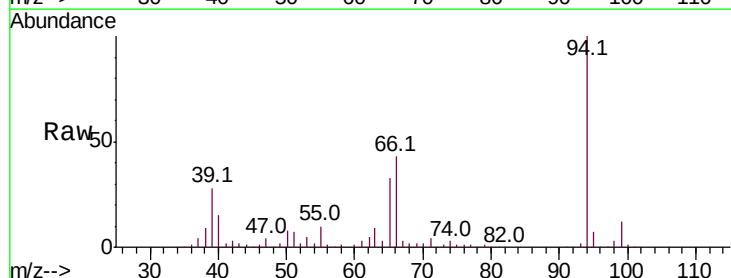
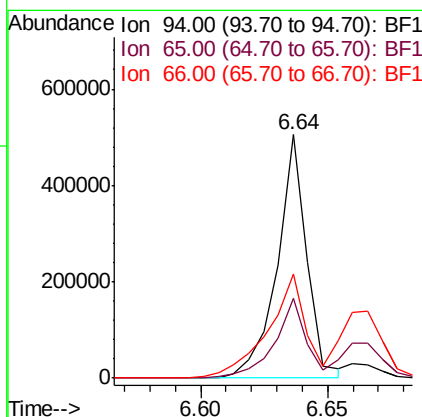
RT: 6.64 min Scan# 731

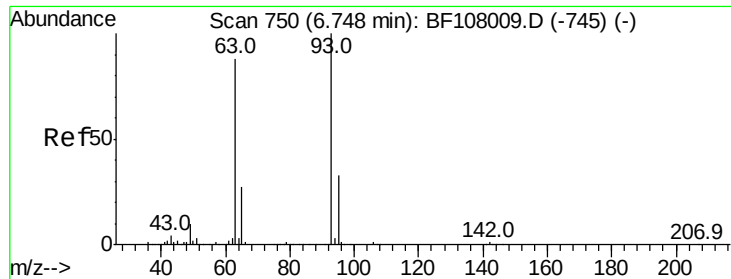
Delta R.T. -0.01 min

Lab File: BF108428.D

Acq: 23 Aug 2018 18:43

Tgt Ion:	94	Resp:	412551
Ion Ratio	Lower	Upper	
94	100		
65	32.6	7.9	47.9
66	42.9	16.2	56.2





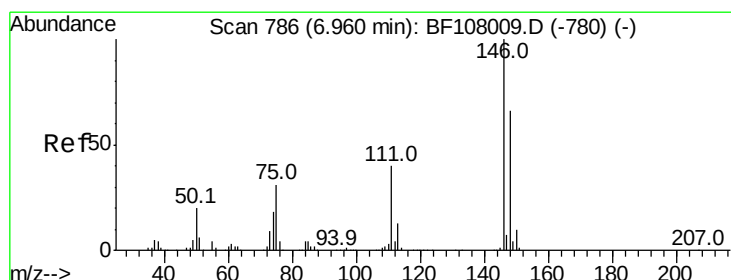
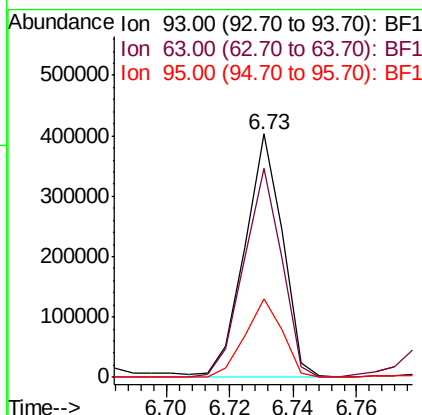
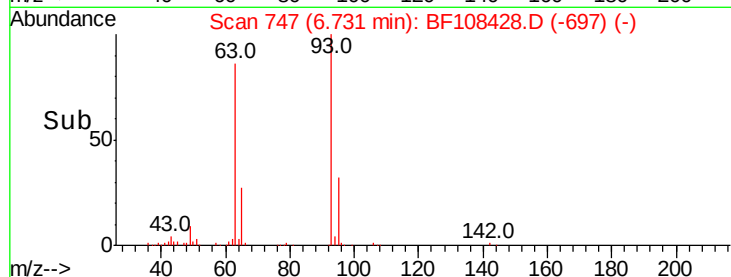
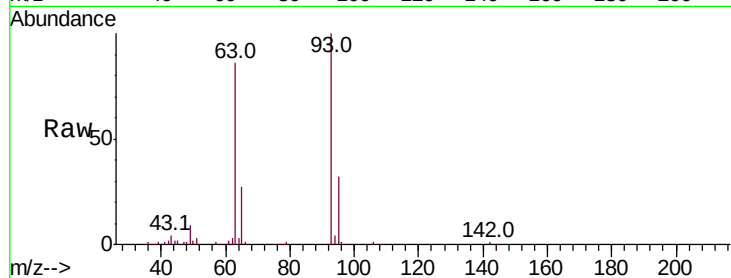
#11
bis(2-Chloroethyl)ether
Concen: 42.348 ng
RT: 6.73 min Scan# 747
Delta R.T. -0.01 min
Lab File: BF108428.D
Acq: 23 Aug 2018 18:43

Instrument :
BNA_F
ClientSampleId :
PB112233BS

Tot Ion	Ratio	Lower	Upper
93	100		
63	85.9	58.6	98.6
95	32.4	11.8	51.8

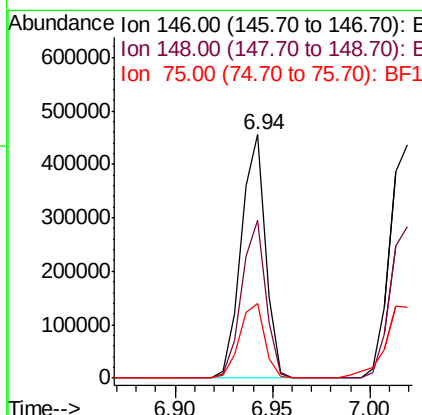
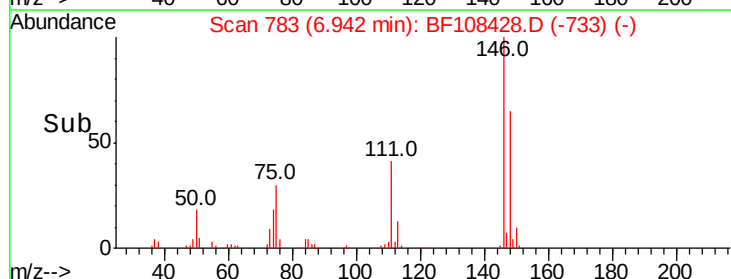
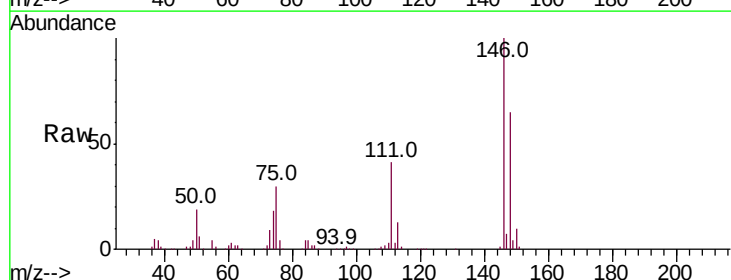
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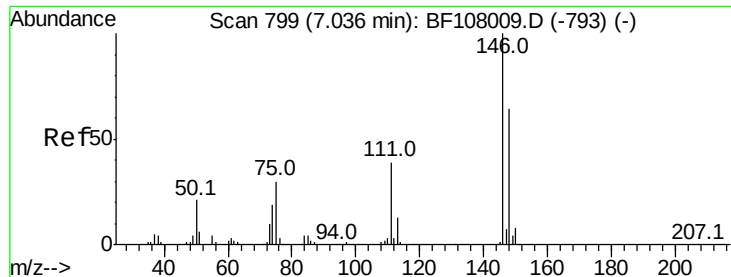
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#12
1,3-Dichlorobenzene
Concen: 43.071 ng
RT: 6.94 min Scan# 783
Delta R.T. -0.01 min
Lab File: BF108428.D
Acq: 23 Aug 2018 18:43

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.7	51.8	77.8
75	30.4	24.2	36.4





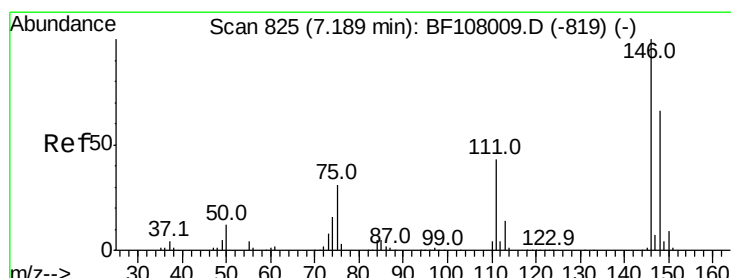
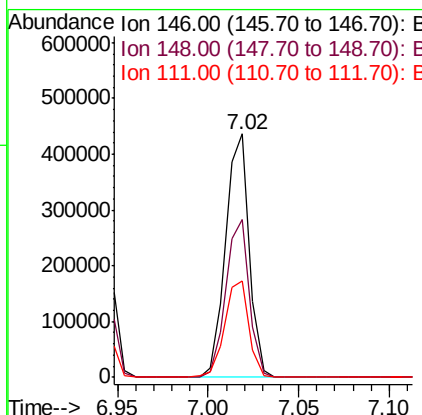
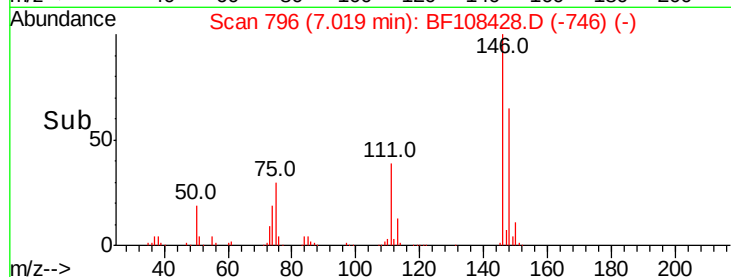
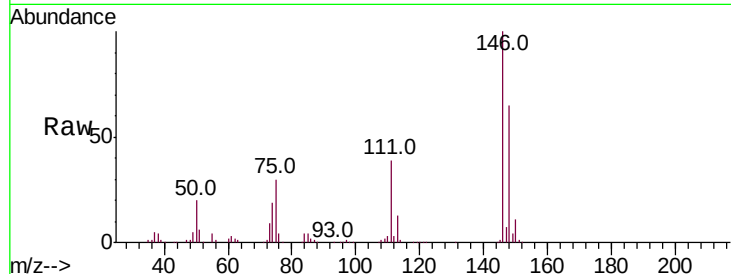
#13
1,4-Dichlorobenzene
Concen: 43.082 ng
RT: 7.02 min Scan# 796
Delta R.T. -0.01 min
Lab File: BF108428.D
Acq: 23 Aug 2018 18:43

Instrument :
BNA_F
ClientSampled :
PB112233BS

Tot Ion	Ratio	Lower	Upper
146	100		
148	64.7	50.8	76.2
111	39.4	34.2	51.2

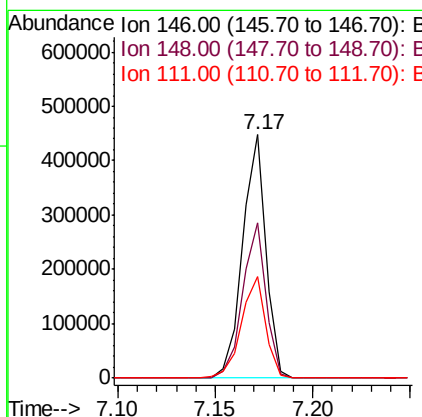
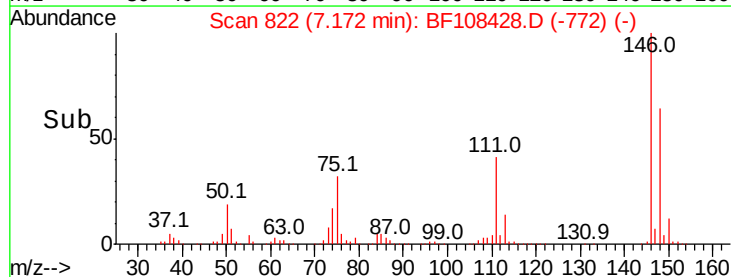
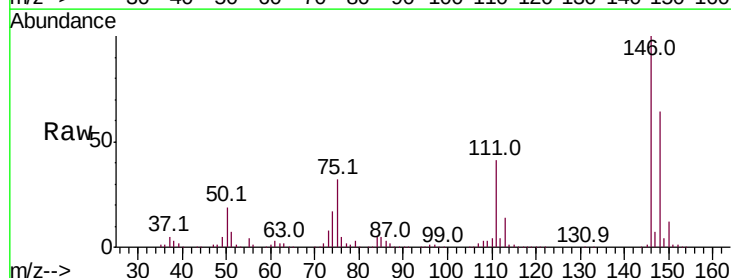
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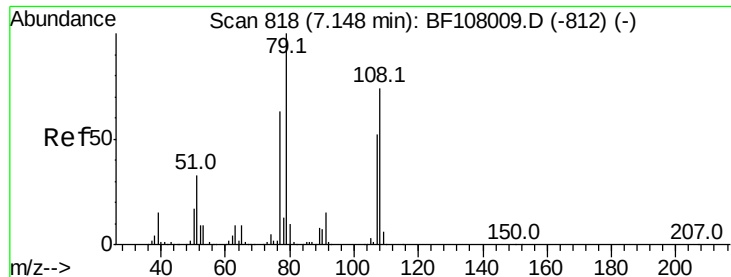
Sohil
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#14
1,2-Dichlorobenzene
Concen: 43.188 ng
RT: 7.17 min Scan# 822
Delta R.T. -0.01 min
Lab File: BF108428.D
Acq: 23 Aug 2018 18:43

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.0	50.6	75.8
111	41.5	36.0	54.0





#15

Benzyl Alcohol

Concen: 40.315 ng

RT: 7.14 min Scan# 816

Delta R.T. -0.01 min

Lab File: BF108428.D

Acq: 23 Aug 2018 18:43

Instrument :

BNA_F

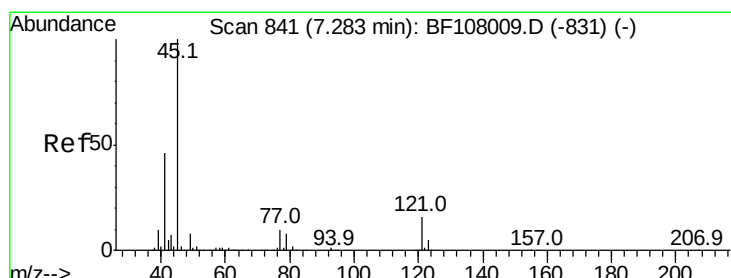
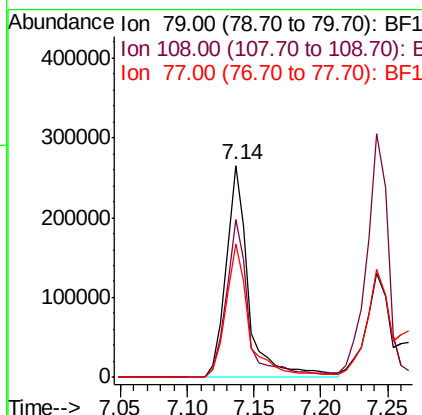
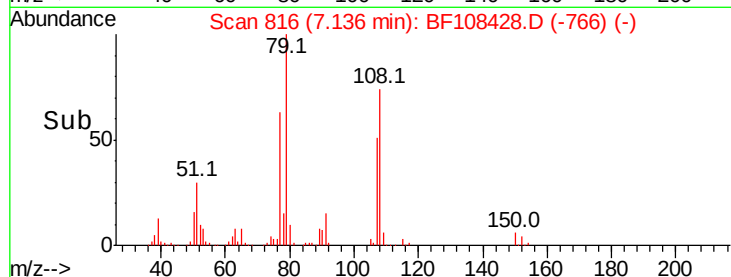
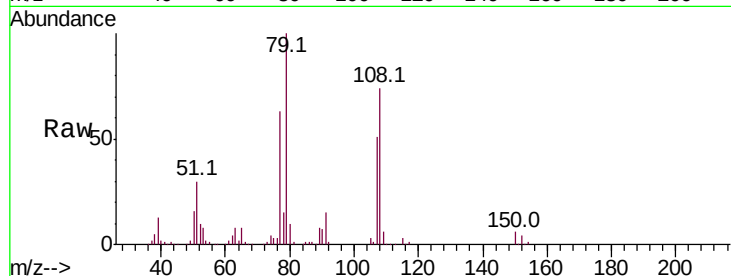
ClientSampleId :

PB112233BS

Tot Ion:	79	Resp:	316934
Ion Ratio	Lower	Upper	
79	100		
108	74.4	65.1	97.7
77	62.8	50.6	75.8

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#16

2,2'-oxybis(1-Chloropropane)

Concen: 39.753 ng

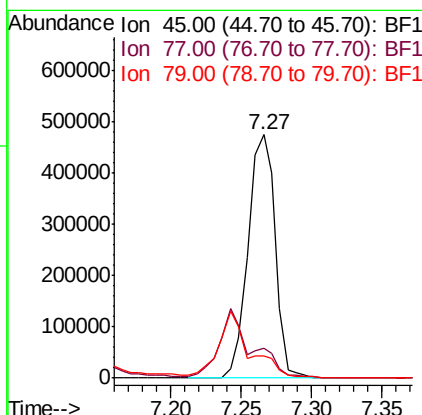
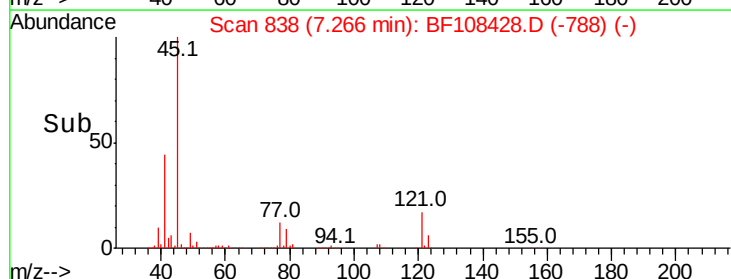
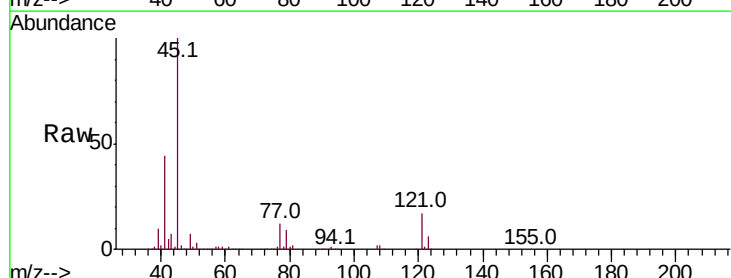
RT: 7.27 min Scan# 838

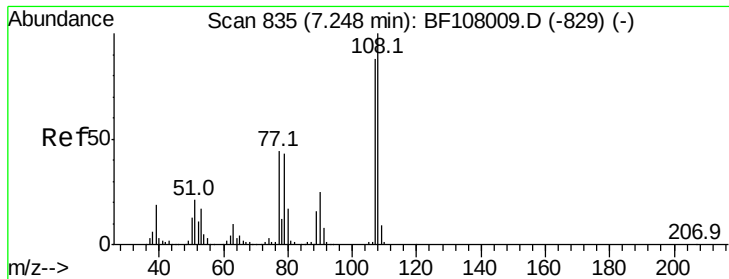
Delta R.T. -0.01 min

Lab File: BF108428.D

Acq: 23 Aug 2018 18:43

Tgt Ion:	45	Resp:	639520
Ion Ratio	Lower	Upper	
45	100		
77	12.4	0.0	32.9
79	9.4	0.0	29.6





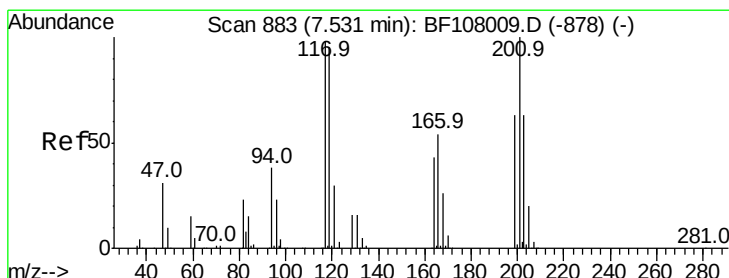
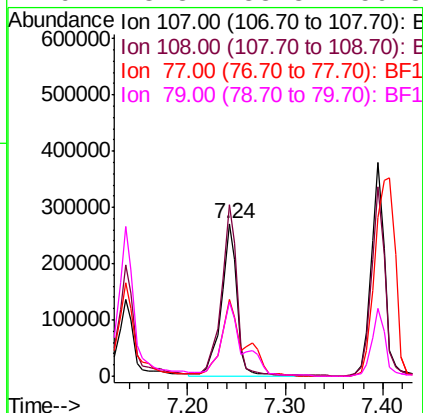
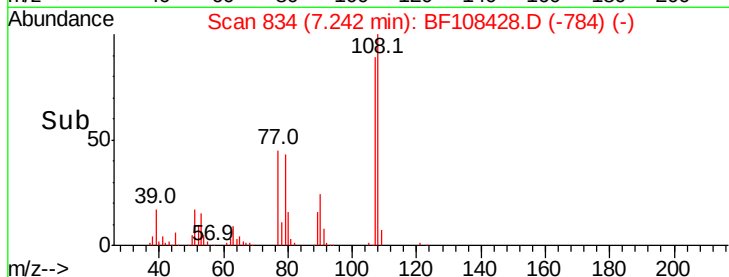
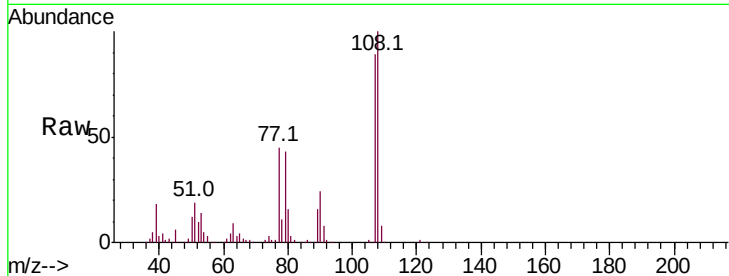
#17
2-Methylphenol
Concen: 44.869 ng
RT: 7.24 min Scan# 834
Delta R.T. -0.01 min
Lab File: BF108428.D
Acq: 23 Aug 2018 18:43

Instrument :
BNA_F
ClientSampleId :
PB112233BS

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	112.4	91.7	137.5	
77	50.1	33.8	50.8	
79	48.3	33.8	50.8	

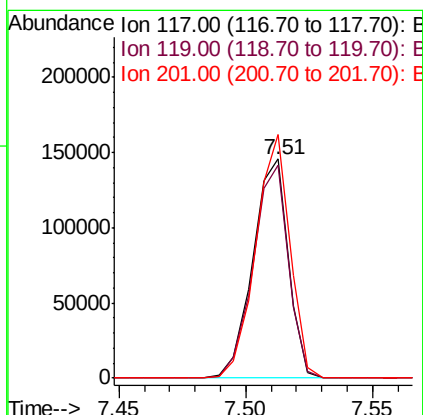
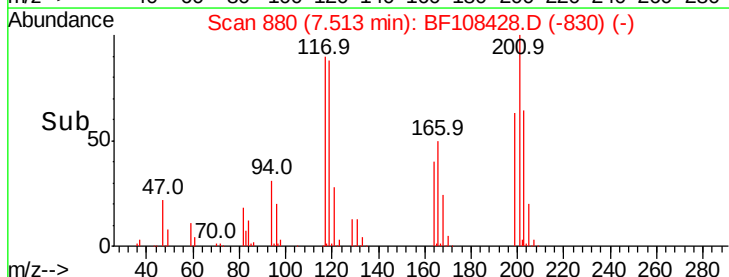
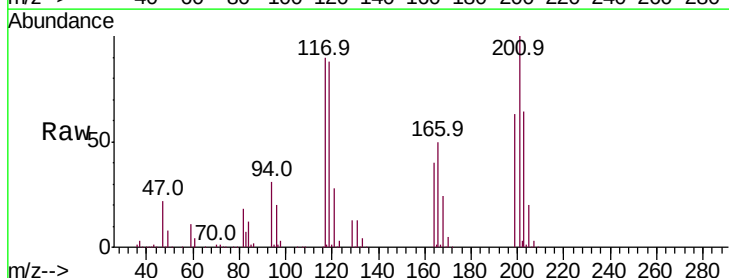
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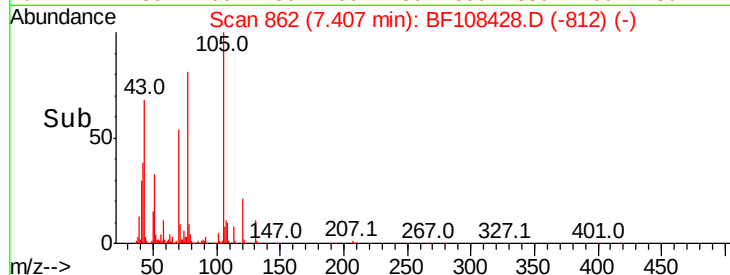
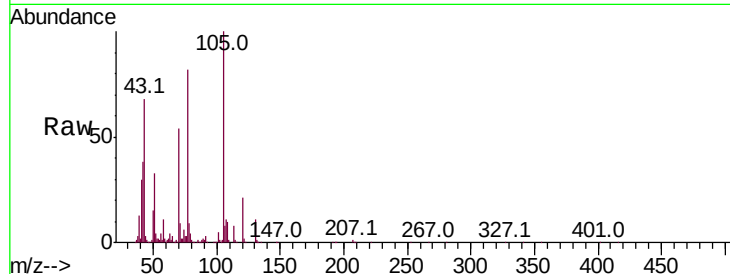
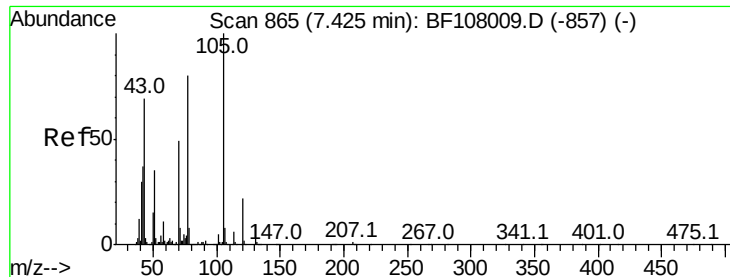
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#18
Hexachloroethane
Concen: 43.535 ng
RT: 7.51 min Scan# 880
Delta R.T. -0.01 min
Lab File: BF108428.D
Acq: 23 Aug 2018 18:43

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	97.4	75.8	113.8	
201	111.3	75.7	113.5	





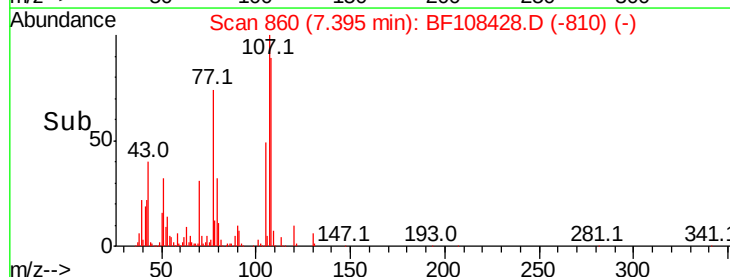
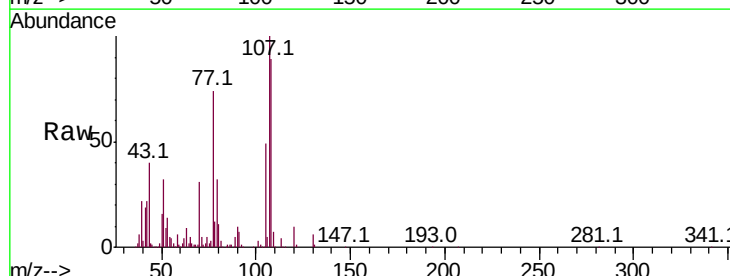
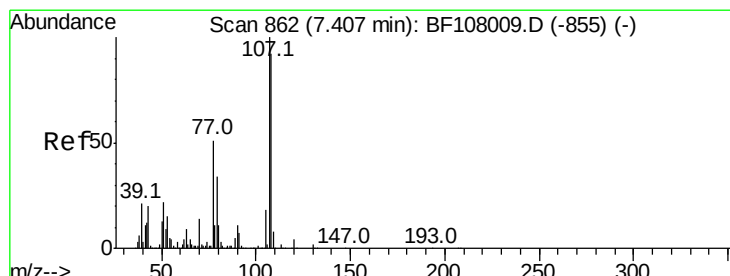
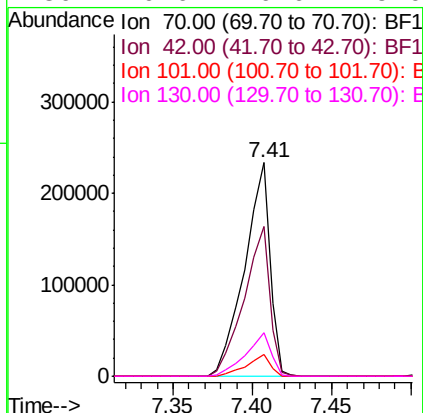
#19
n-Nitroso-di-n-propylamine
Concen: 41.173 ng
RT: 7.41 min Scan# 862
Delta R.T. -0.01 min
Lab File: BF108428.D
Acq: 23 Aug 2018 18:43

Instrument :
BNA_F
ClientSampleId :
PB112233BS

Tot Ion	Ratio	Lower	Upper
70	100		
42	70.0	47.5	71.3
101	9.9	7.4	11.2
130	20.6	16.6	25.0

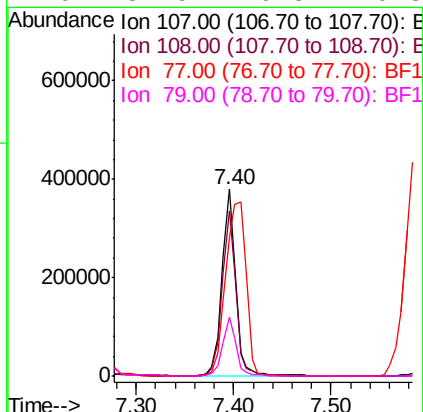
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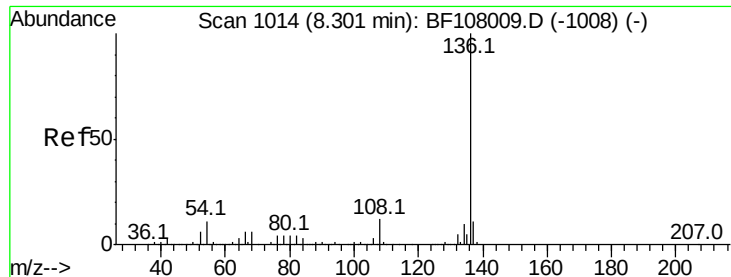
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#20
3+4-Methylphenols
Concen: 42.268 ng
RT: 7.40 min Scan# 860
Delta R.T. -0.01 min
Lab File: BF108428.D
Acq: 23 Aug 2018 18:43

Tgt Ion	Ratio	Lower	Upper
107	100		
108	88.7	68.2	108.2
77	74.3	26.7	66.7#
79	31.5	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: BF108428.D

Acq: 23 Aug 2018 18:43

Instrument :

BNA_F

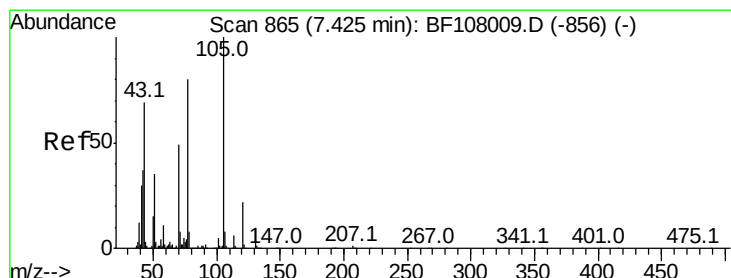
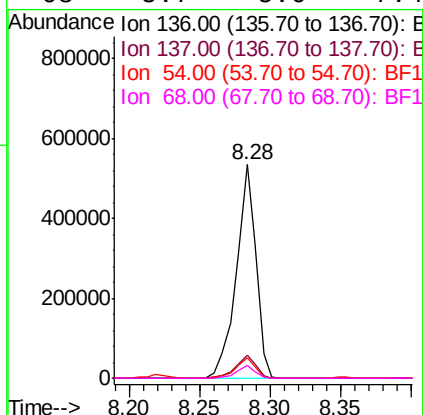
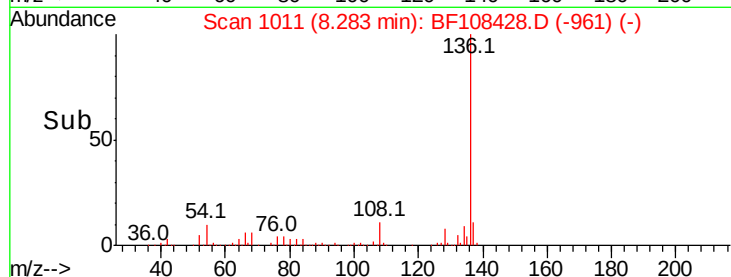
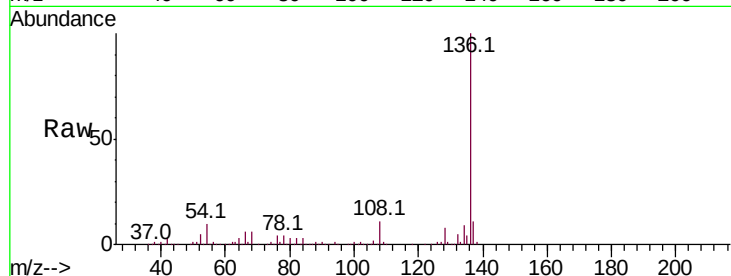
ClientSampleId :

PB112233BS

Tot Ion	Ratio	Resp	Lower	Upper
136	100			
137	10.9	8.9	13.3	
54	9.7	6.6	9.8	
68	5.7	5.0	7.4	

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#22

Acetophenone

Concen: 41.071 ng

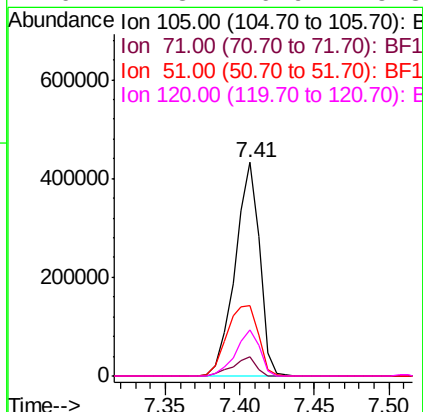
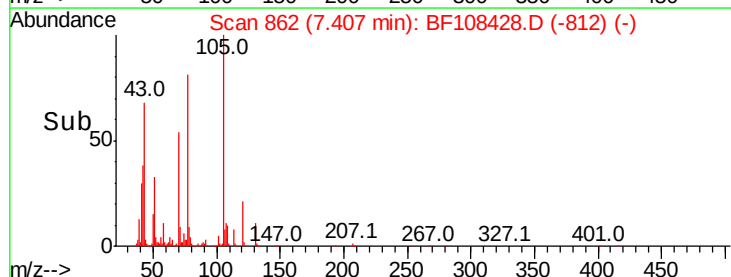
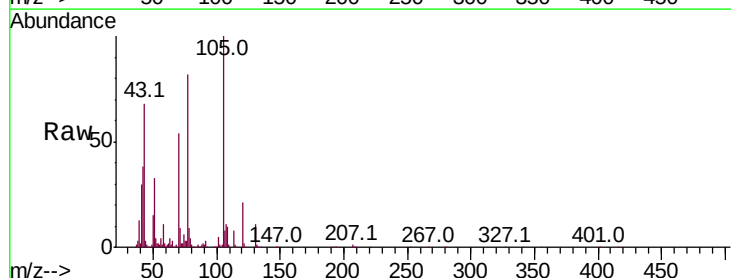
RT: 7.41 min Scan# 862

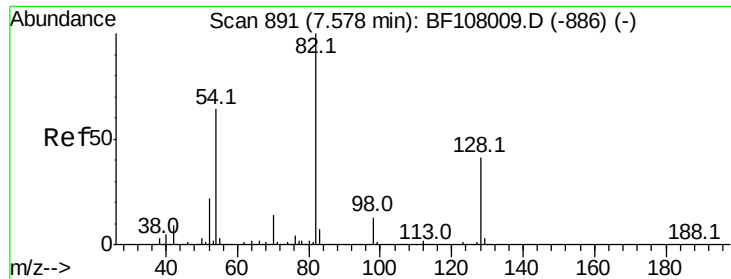
Delta R.T. -0.01 min

Lab File: BF108428.D

Acq: 23 Aug 2018 18:43

Tgt Ion	Ratio	Resp	Lower	Upper
105	100			
71	8.9	4.4	6.6#	
51	32.8	22.3	33.5	
120	21.3	16.9	25.3	





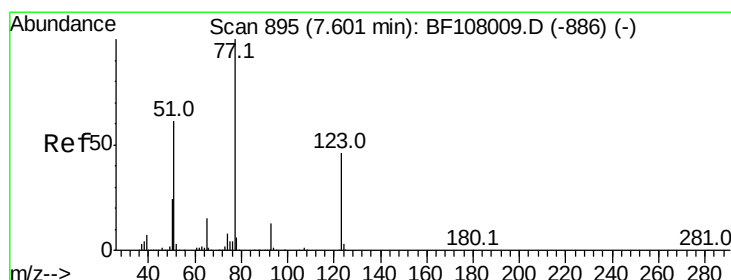
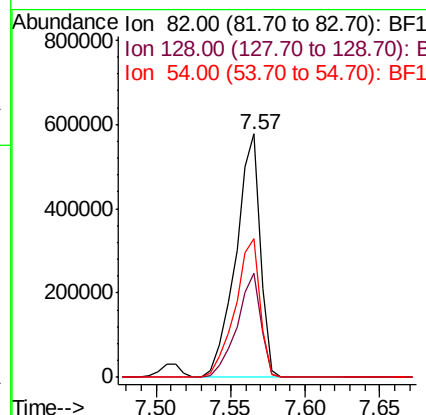
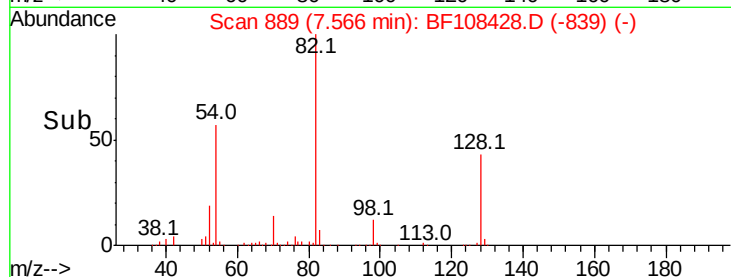
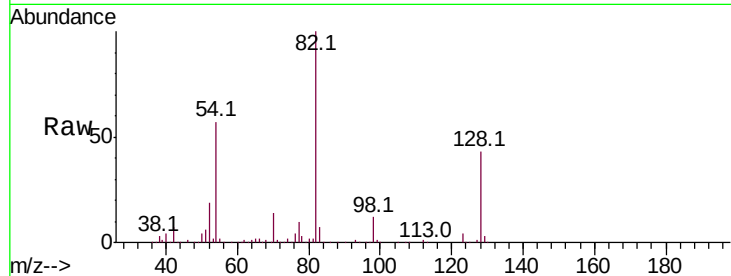
#23
Nitrobenzene-d5
Concen: 71.789 ng
RT: 7.57 min Scan# 889
Delta R.T. -0.01 min
Lab File: BF108428.D
Acq: 23 Aug 2018 18:43

Instrument :
BNA_F
ClientSampleId :
PB112233BS

Tot Ion	Ratio	Lower	Upper
82	100		
128	42.6	36.1	54.1
54	57.1	41.4	62.2

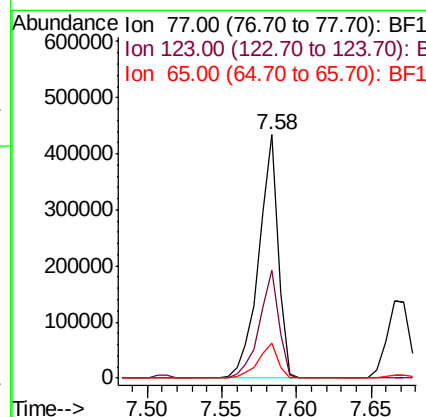
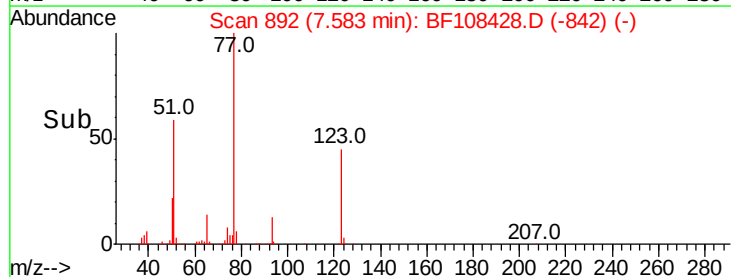
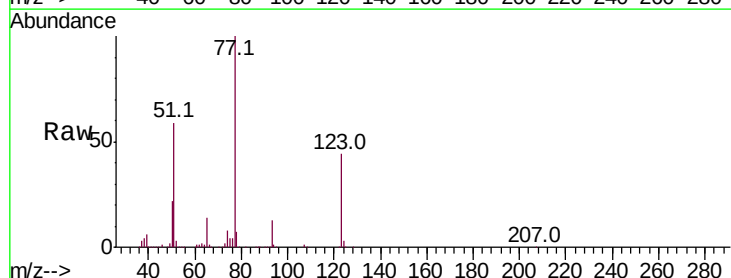
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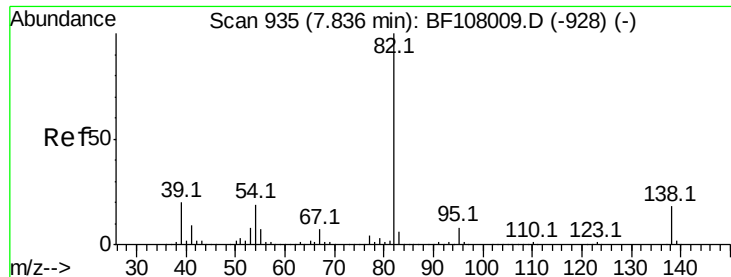
Sohil
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#24
Nitrobenzene
Concen: 41.495 ng
RT: 7.58 min Scan# 892
Delta R.T. -0.01 min
Lab File: BF108428.D
Acq: 23 Aug 2018 18:43

Tgt Ion	Ratio	Lower	Upper
77	100		
123	44.2	37.9	56.9
65	14.2	11.0	16.4





#25

Isophorone

Concen: 40.276 ng

RT: 7.82 min Scan# 932

Delta R.T. -0.01 min

Lab File: BF108428.D

Acq: 23 Aug 2018 18:43

Instrument :

BNA_F

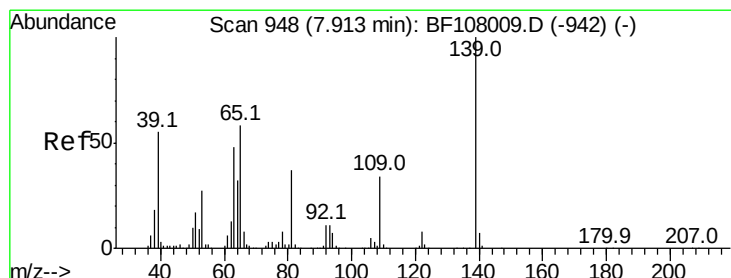
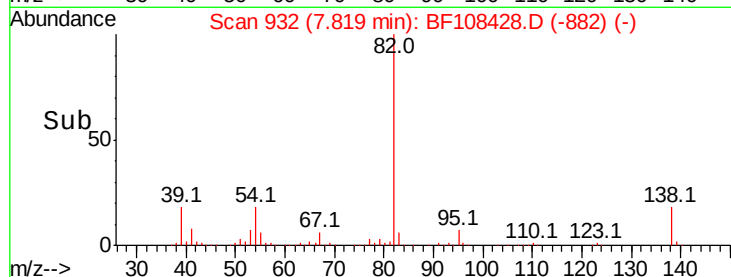
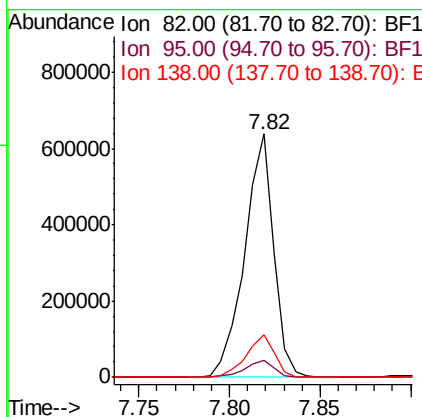
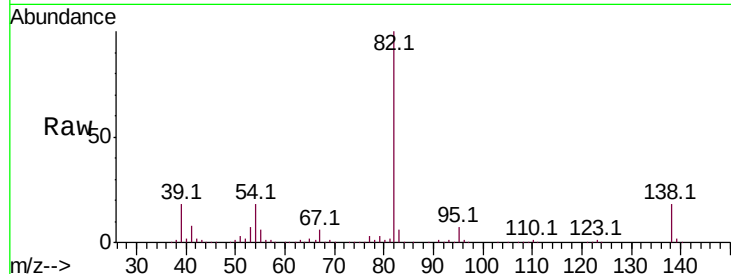
ClientSampleId :

PB112233BS

Tot Ion:	82	Resp:	710087
Ion Ratio	Lower	Upper	
82	100		
95	7.3	5.2	7.8
138	17.6	14.9	22.3

Manual Integrations
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#26

2-Nitrophenol

Concen: 49.650 ng

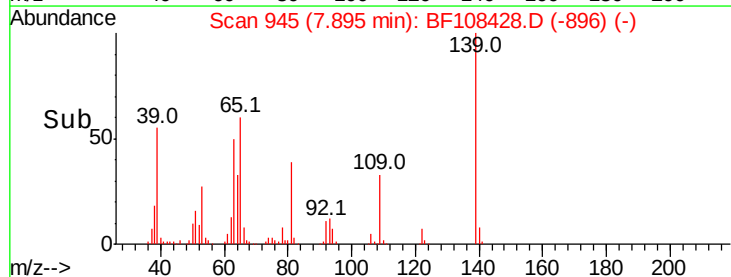
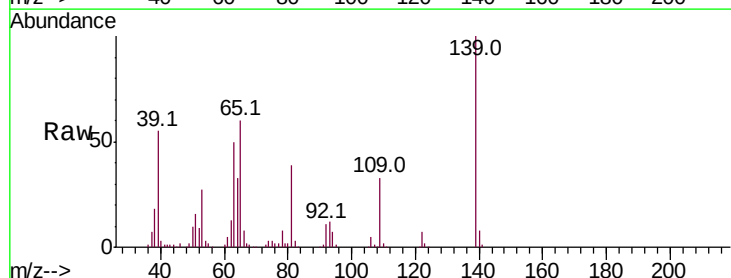
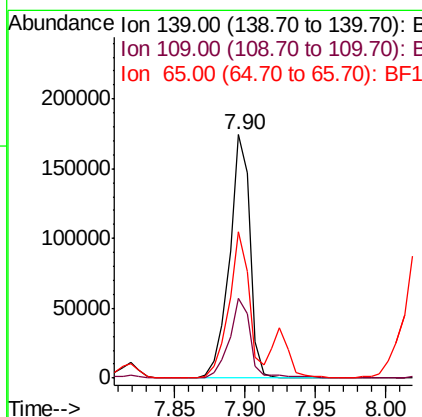
RT: 7.90 min Scan# 945

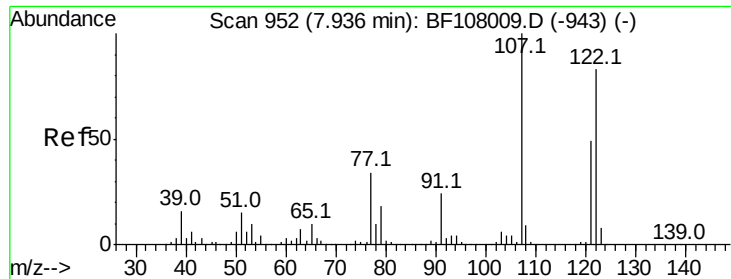
Delta R.T. -0.01 min

Lab File: BF108428.D

Acq: 23 Aug 2018 18:43

Tgt Ion:	139	Resp:	175381
Ion Ratio	Lower	Upper	
139	100		
109	32.9	22.7	34.1
65	60.2	40.5	60.7





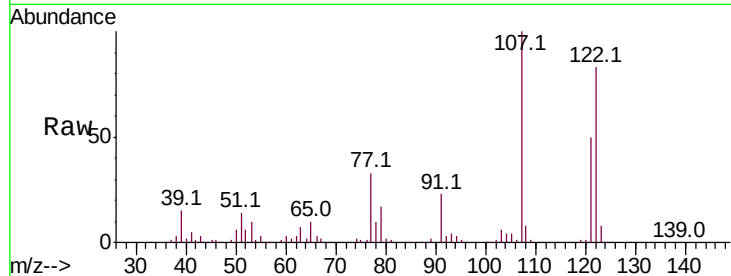
#27
 2,4-Dimethylphenol
 Concen: 41.934 ng
 RT: 7.92 min Scan# 950
 Delta R.T. -0.01 min
 Lab File: BF108428.D
 Acq: 23 Aug 2018 18:43

Instrument :
 BNA_F
 ClientSampleID :
 PB112233BS

Tot Ion	Ratio	Resp	Lower	Upper
122	100	328137		
107	121.1	91.2	136.8	
121	60.2	47.2	70.8	

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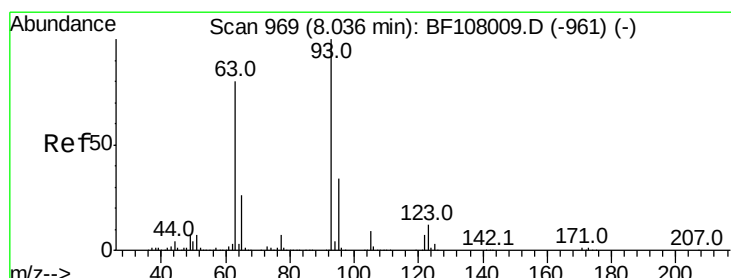
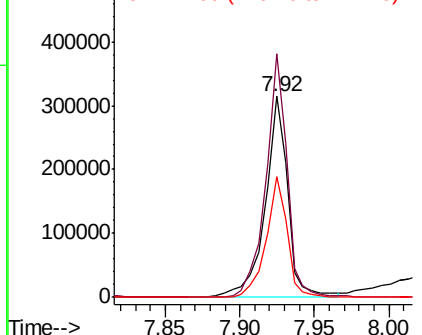
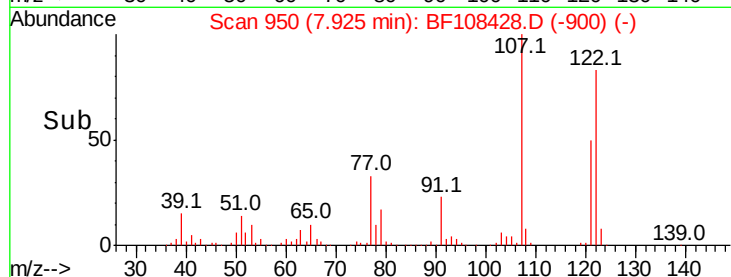


Abundance

Ion 122.00 (121.70 to 122.70): E

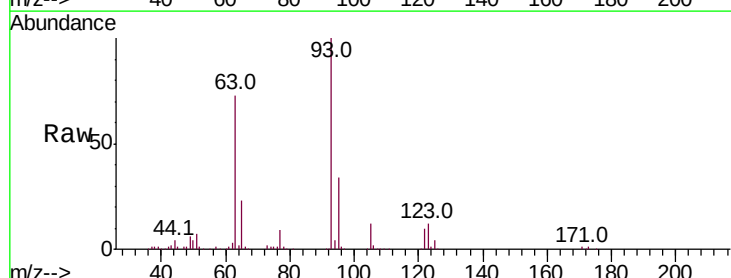
Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28
 bis(2-Chloroethoxy)methane
 Concen: 41.640 ng
 RT: 8.02 min Scan# 967
 Delta R.T. -0.01 min
 Lab File: BF108428.D
 Acq: 23 Aug 2018 18:43

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	428573		
95	33.6	26.3	39.5	
123	11.9	9.8	14.6	

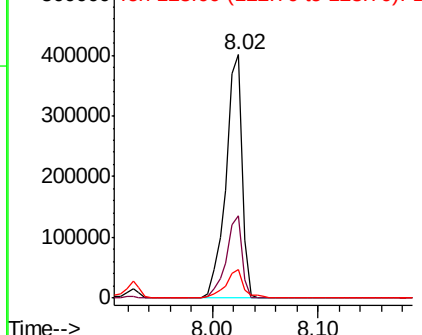
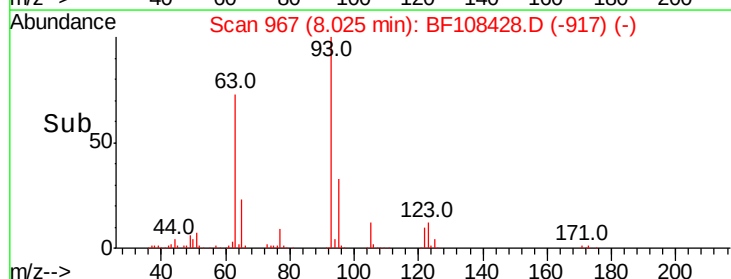


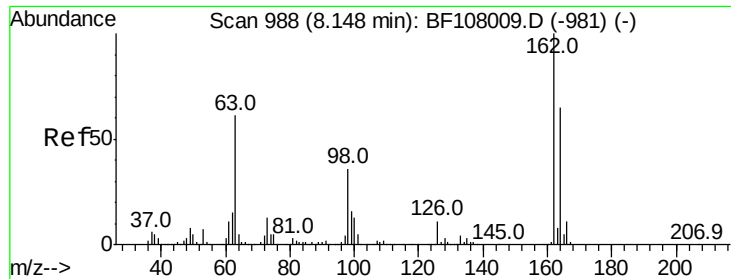
Abundance

Ion 93.00 (92.70 to 93.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 123.00 (122.70 to 123.70): E





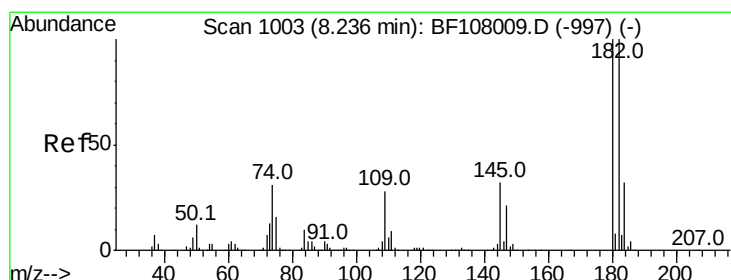
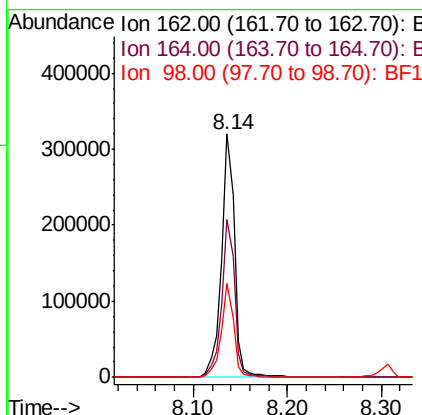
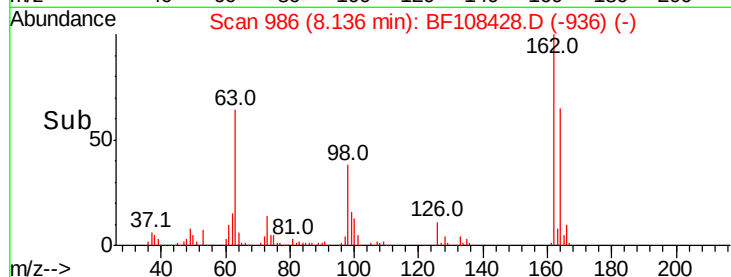
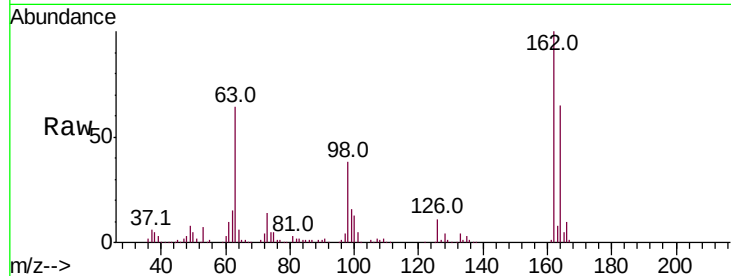
#29
 2,4-Dichlorophenol
 Concen: 43.332 ng
 RT: 8.14 min Scan# 986
 Delta R.T. -0.01 min
 Lab File: BF108428.D
 Acq: 23 Aug 2018 18:43

Instrument :
 BNA_F
 ClientSampleId :
 PB112233BS

Tot Ion	Ratio	Resp	Lower	Upper
162	100	312036		
164	64.6	42.7	82.7	
98	38.5	18.1	58.1	

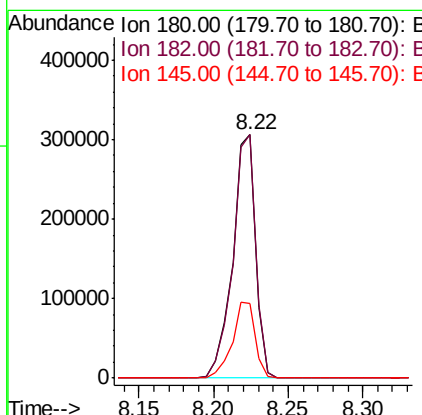
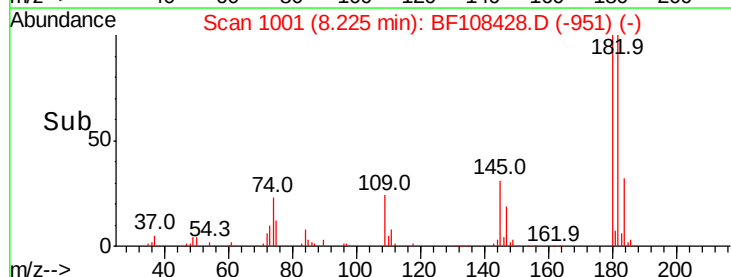
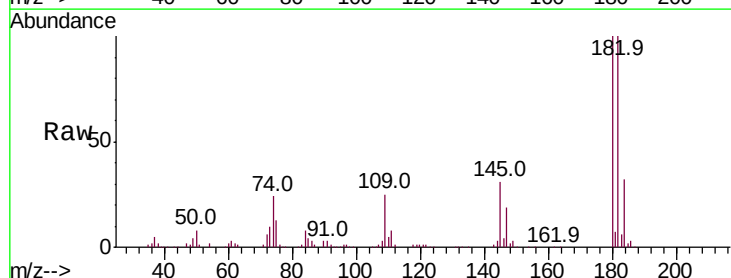
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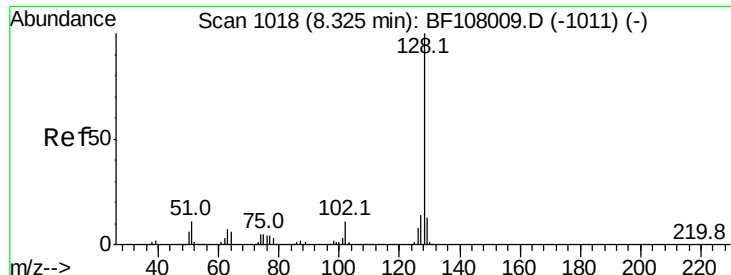
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#30
 1,2,4-Trichlorobenzene
 Concen: 41.673 ng
 RT: 8.22 min Scan# 1001
 Delta R.T. -0.01 min
 Lab File: BF108428.D
 Acq: 23 Aug 2018 18:43

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	330861		
182	99.8	76.8	115.2	
145	30.9	26.5	39.7	





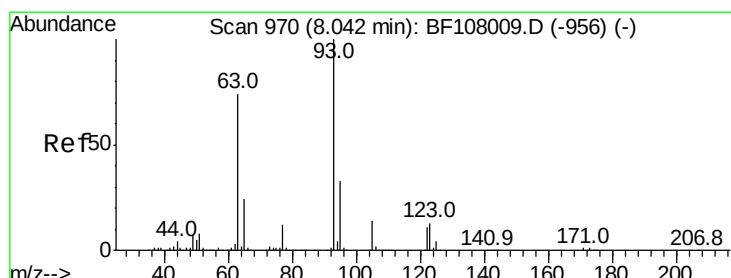
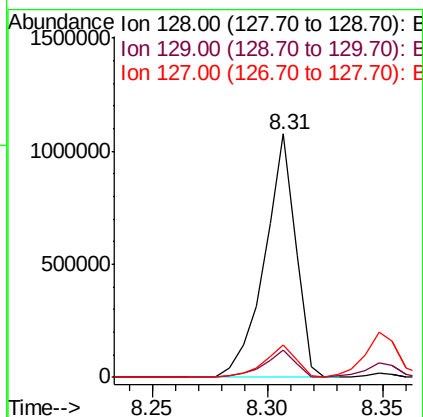
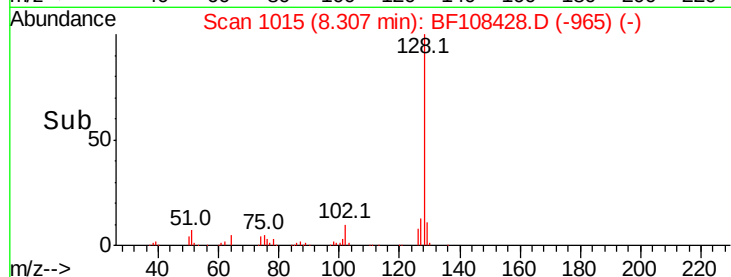
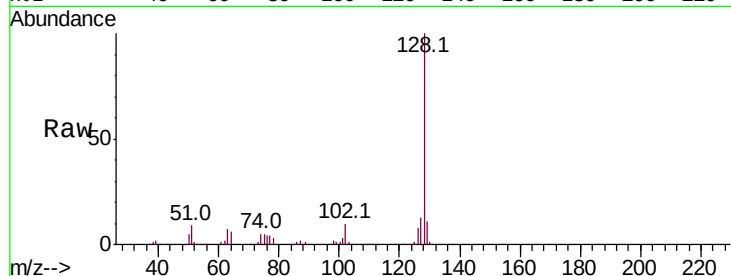
#31
Naphthalene
Concen: 43.020 ng
RT: 8.31 min Scan# 1015
Delta R.T. -0.01 min
Lab File: BF108428.D
Acq: 23 Aug 2018 18:43

Instrument :
BNA_F
ClientSampleId :
PB112233BS

Tot Ion	Ratio	Lower	Upper
128	100		
129	11.5	8.8	13.2
127	13.5	10.9	16.3

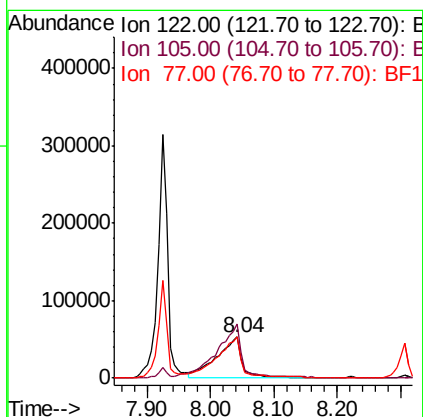
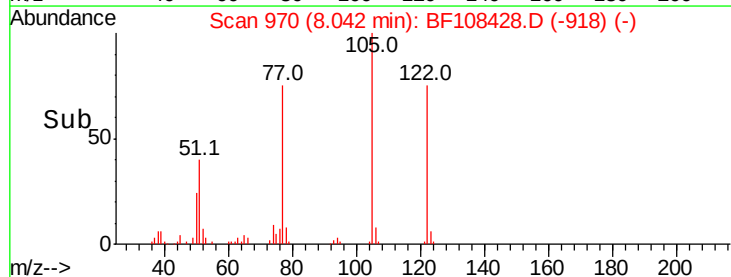
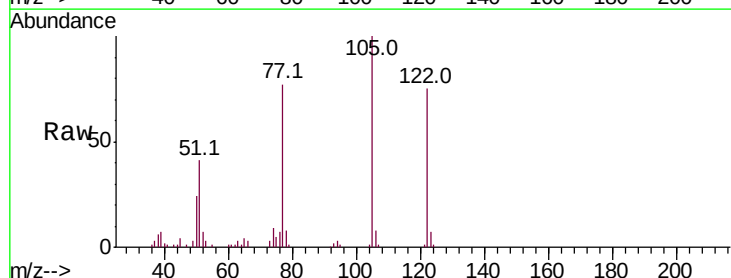
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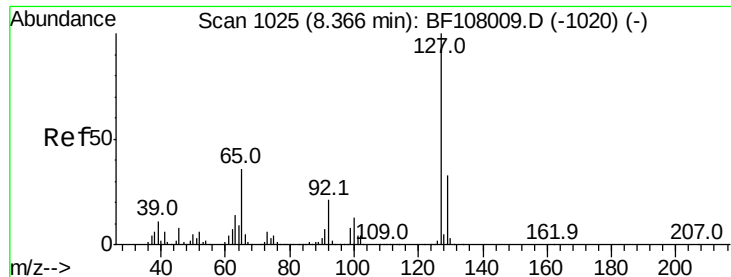
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#32
Benzoic acid
Concen: 34.396 ng
RT: 8.04 min Scan# 970
Delta R.T. 0.01 min
Lab File: BF108428.D
Acq: 23 Aug 2018 18:43

Tgt Ion	Ratio	Lower	Upper
122	100		
105	133.6	101.1	141.1
77	102.2	70.7	110.7





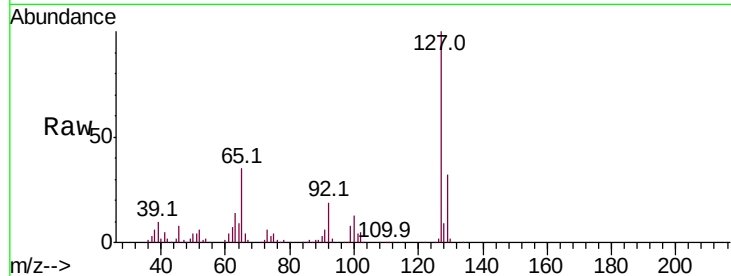
#33
4-Chloroaniline
Concen: 21.050 ng
RT: 8.35 min Scan# 1022
Delta R.T. -0.01 min
Lab File: BF108428.D
Acq: 23 Aug 2018 18:43

Instrument :
BNA_F
ClientSampleId :
PB112233BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100		215340		
129	31.8	25.9	38.9		
65	35.4	25.0	37.4		
92	19.0	15.2	22.8		

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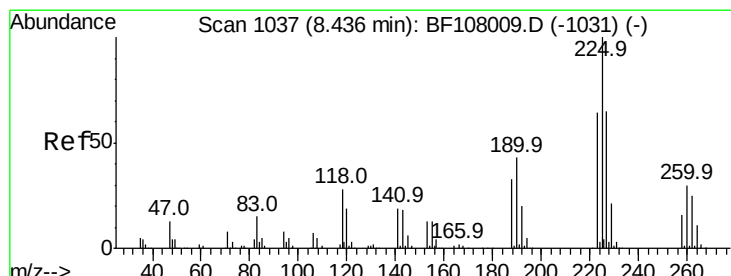
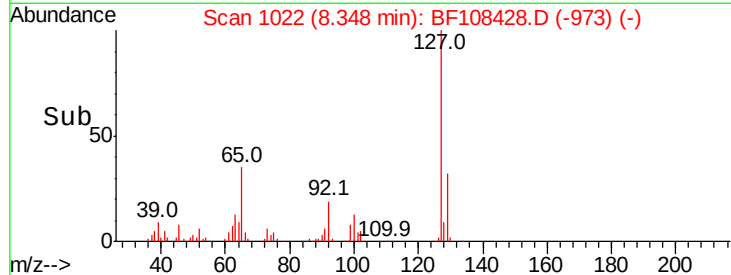
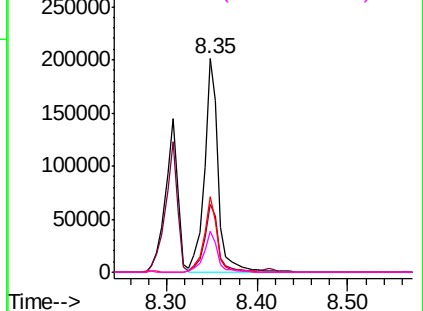
Abundance

Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

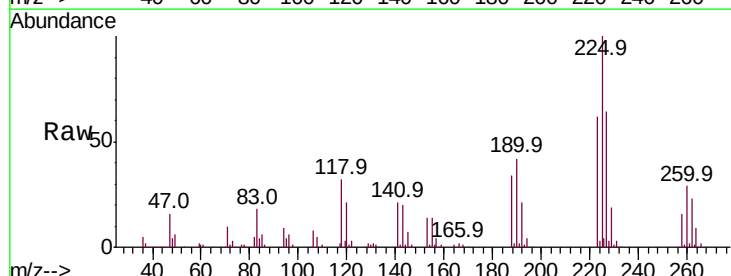
Ion 65.00 (64.70 to 65.70): BF1

Ion 92.00 (91.70 to 92.70): BF1



#34
Hexachlorobutadiene
Concen: 42.468 ng
RT: 8.41 min Scan# 1033
Delta R.T. -0.01 min
Lab File: BF108428.D
Acq: 23 Aug 2018 18:43

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100		213450		
223	62.2	50.6	76.0		
227	63.8	51.9	77.9		

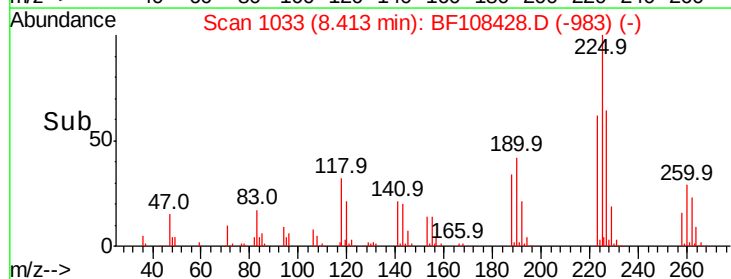
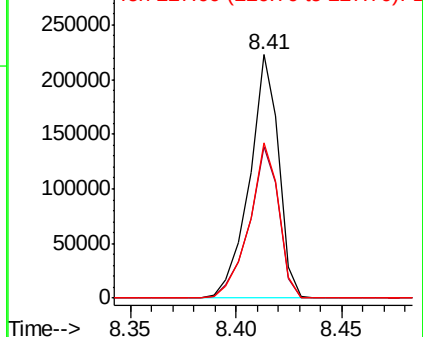


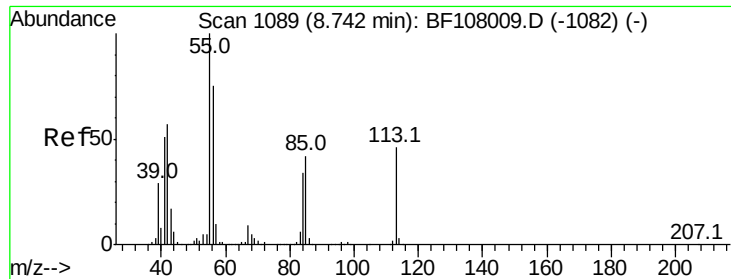
Abundance

Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





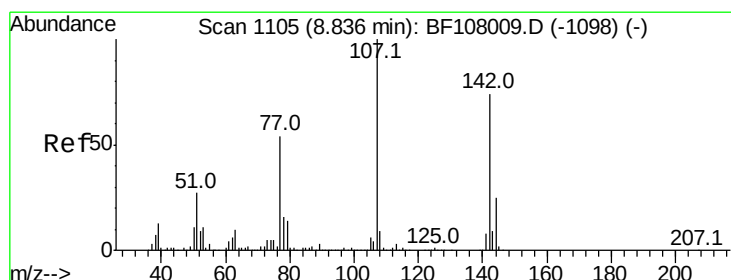
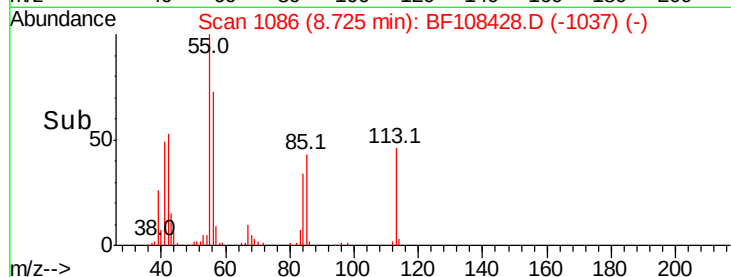
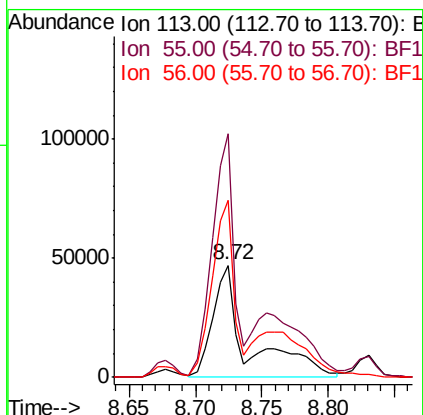
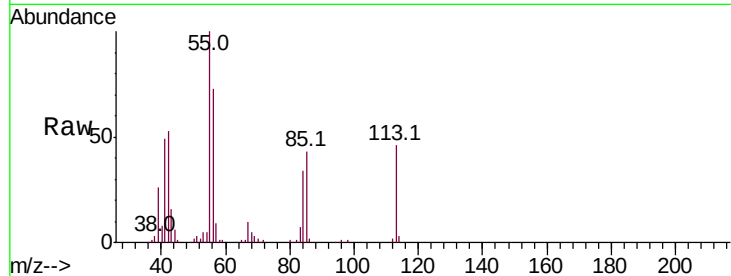
#35
 Caprolactam
 Concen: 38.433 ng/ml
 RT: 8.72 min Scan# 1086
 Delta R.T. -0.01 min
 Lab File: BF108428.D
 Acq: 23 Aug 2018 18:43

Instrument :
 BNA_F
 ClientSampleID :
 PB112233BS

Tot Ion: 113 Resp: 86729
 Ion Ratio Lower Upper
 113 100
 55 216.7 163.3 203.3#
 56 157.4 115.7 155.7#

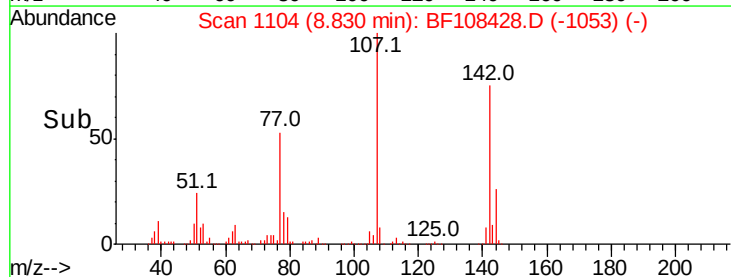
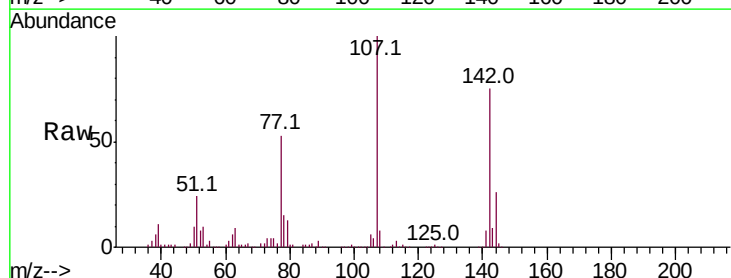
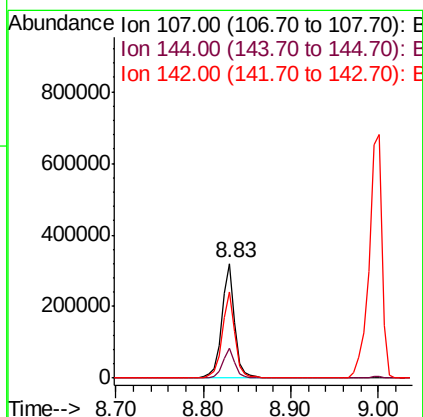
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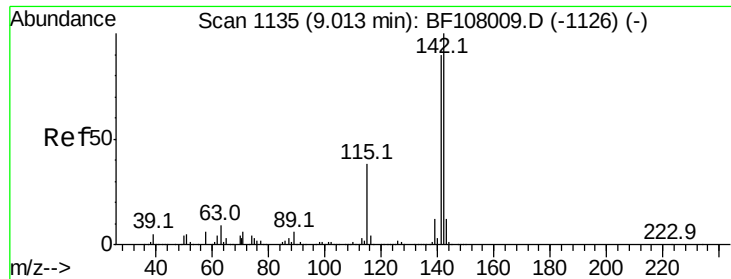
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#36
 4-Chloro-3-methylphenol
 Concen: 42.078 ng/ml
 RT: 8.83 min Scan# 1104
 Delta R.T. -0.00 min
 Lab File: BF108428.D
 Acq: 23 Aug 2018 18:43

Tgt Ion: 107 Resp: 326879
 Ion Ratio Lower Upper
 107 100
 144 26.3 20.5 30.7
 142 74.9 62.0 93.0





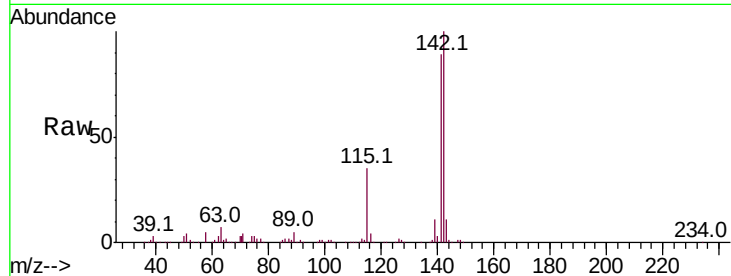
#37
2-Methylnaphthalene
Concen: 42.462 ng
RT: 9.00 min Scan# 1133
Delta R.T. -0.01 min
Lab File: BF108428.D
Acq: 23 Aug 2018 18:43

Instrument :
BNA_F
ClientSampleId :
PB112233BS

Tot Ion	Ratio	Lower	Upper
142	100		
141	89.0	70.8	106.2
115	34.6	26.1	39.1

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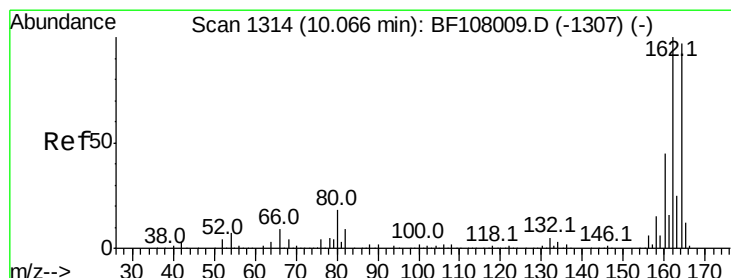
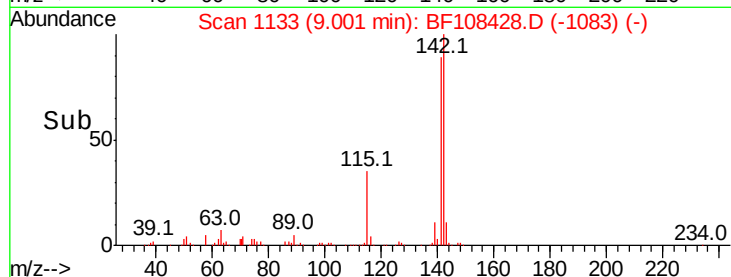
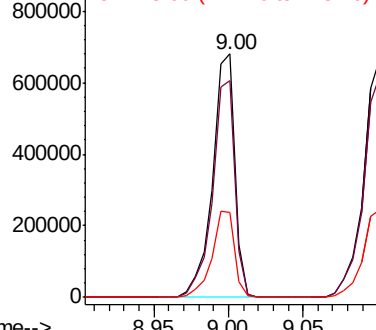


Abundance

Ion 142.00 (141.70 to 142.70): E

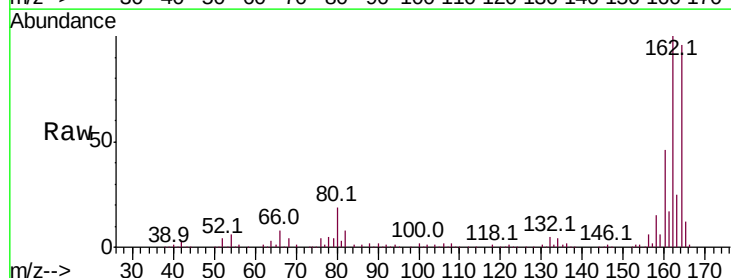
Ion 141.00 (140.70 to 141.70): E

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: BF108428.D
Acq: 23 Aug 2018 18:43

Tgt Ion	Ratio	Lower	Upper
164	100		
162	103.9	86.1	129.1
160	47.8	38.3	57.5

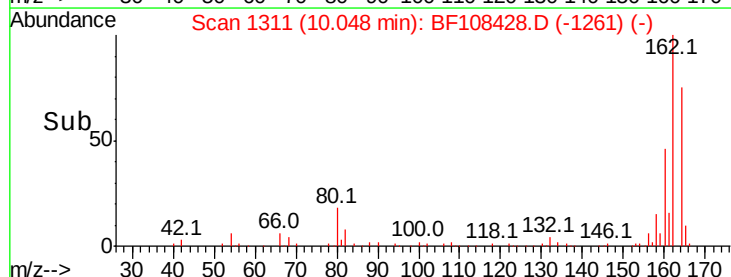
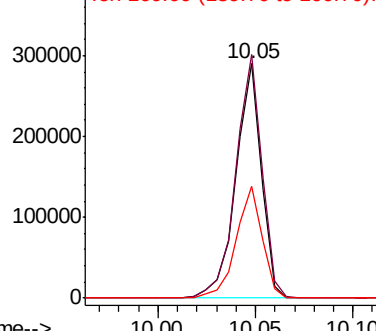


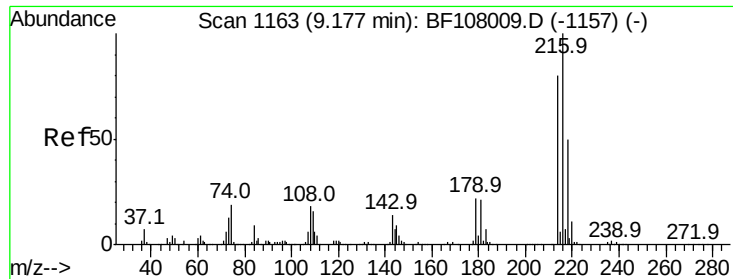
Abundance

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





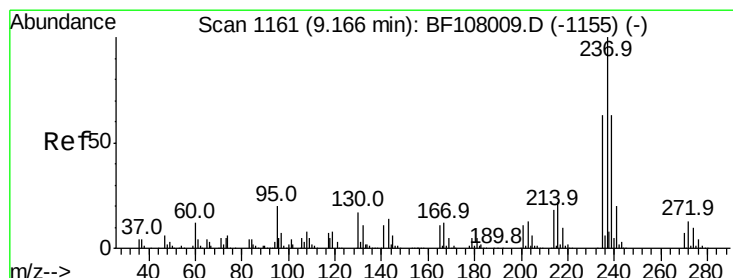
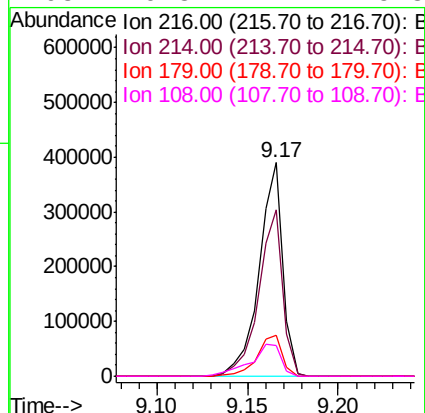
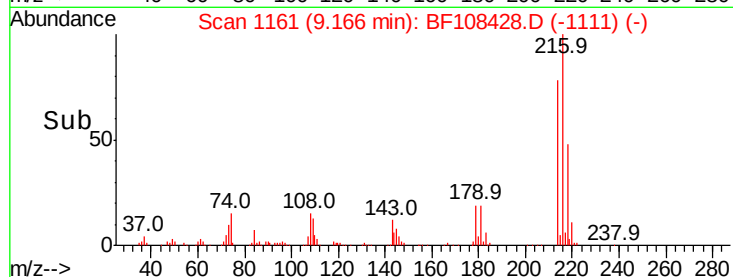
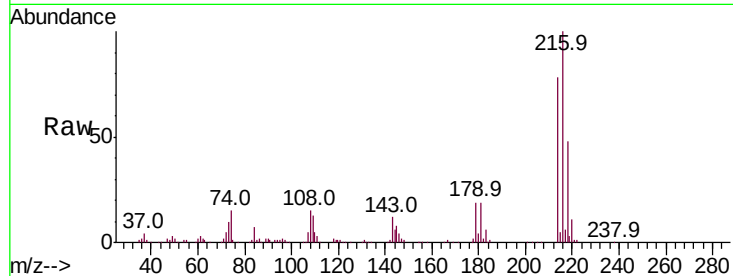
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 43.782 ng
 RT: 9.17 min Scan# 1161
 Delta R.T. -0.01 min
 Lab File: BF108428.D
 Acq: 23 Aug 2018 18:43

Instrument :
 BNA_F
 ClientSampleId :
 PB112233BS

Tot Ion	Ratio	Resp Lower	Upper
216	100		
214	78.8	63.0	94.4
179	20.5	18.1	27.1
108	19.8	17.2	25.8

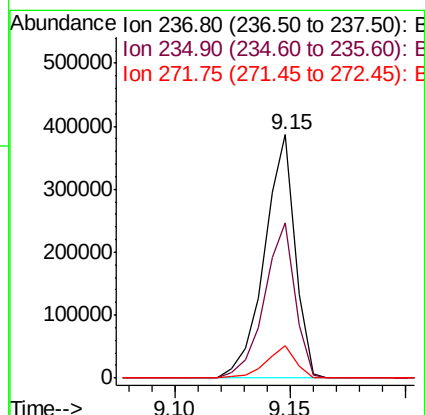
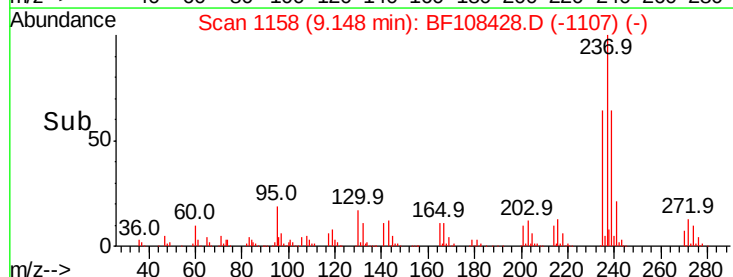
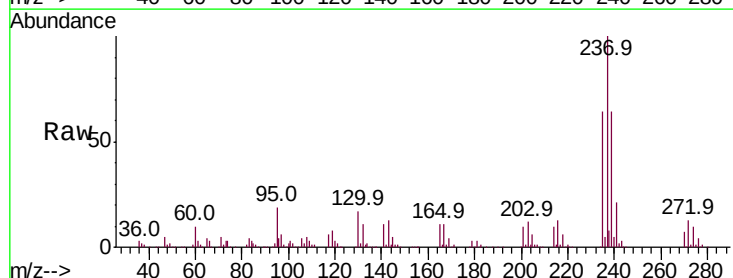
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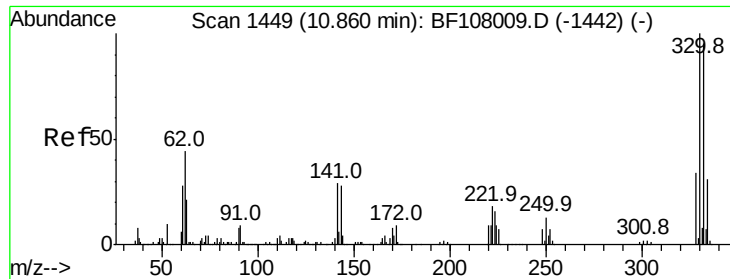
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#40
 Hexachlorocyclopentadiene
 Concen: 68.587 ng
 RT: 9.15 min Scan# 1158
 Delta R.T. -0.00 min
 Lab File: BF108428.D
 Acq: 23 Aug 2018 18:43

Tgt Ion	Ratio	Resp Lower	Upper
237	100		
235	63.8	44.8	84.8
272	13.4	0.0	33.3





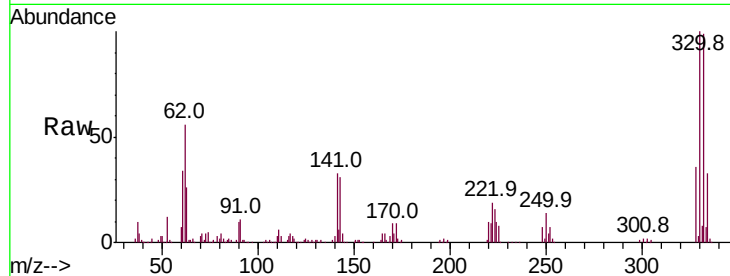
#41
 2,4,6-Tribromophenol
 Concen: 116.492 ng
 RT: 10.84 min Scan# 1446
 Delta R.T. -0.01 min
 Lab File: BF108428.D
 Acq: 23 Aug 2018 18:43

Instrument :
 BNA_F
 ClientSampleID :
 PB112233BS

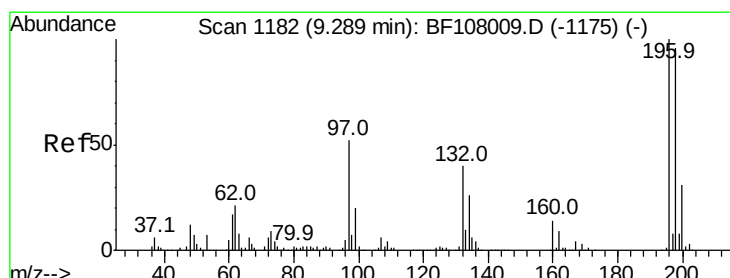
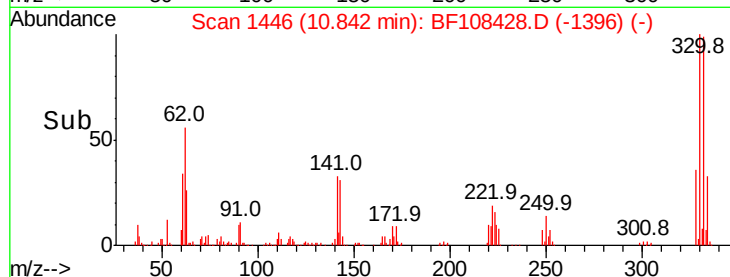
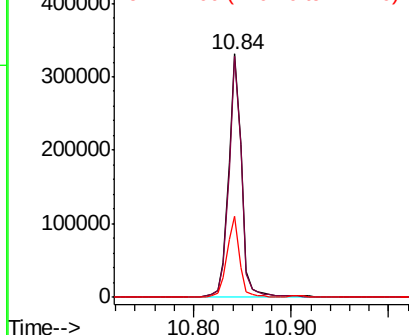
Tot Ion	Ratio	Resp	Lower	Upper
330	100			
332	97.5	77.0	115.6	
141	32.5	29.9	44.9	

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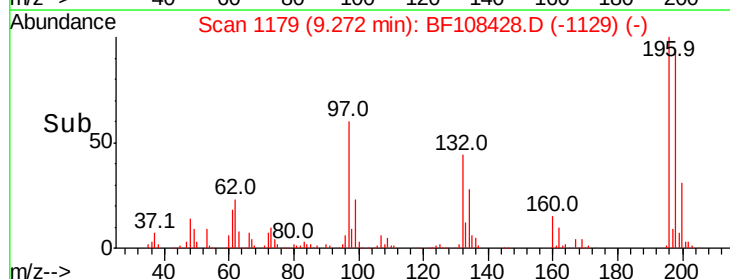
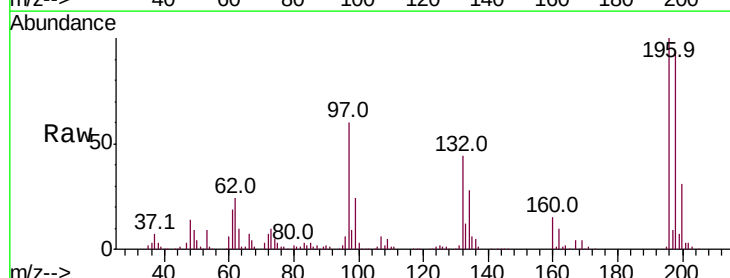
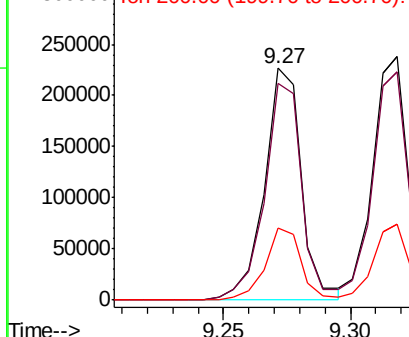
Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

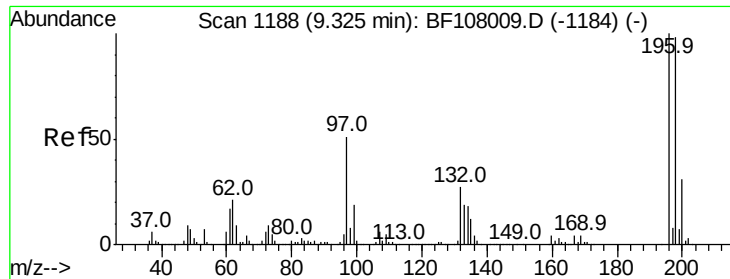


#42
 2,4,6-Trichlorophenol
 Concen: 46.131 ng
 RT: 9.27 min Scan# 1179
 Delta R.T. -0.01 min
 Lab File: BF108428.D
 Acq: 23 Aug 2018 18:43

Tgt Ion	Ratio	Resp	Lower	Upper
196	100			
198	93.7	75.7	113.5	
200	30.8	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





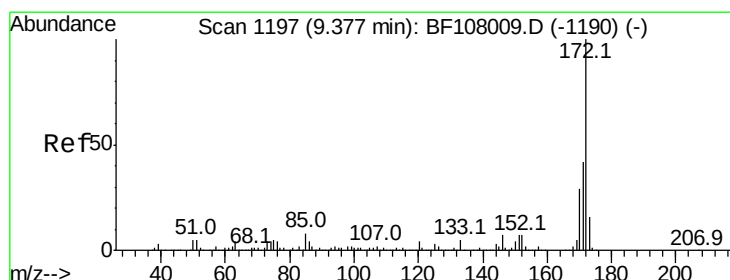
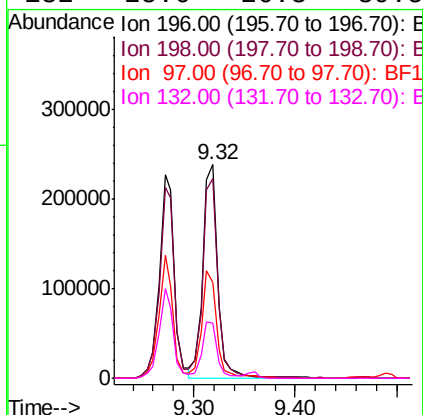
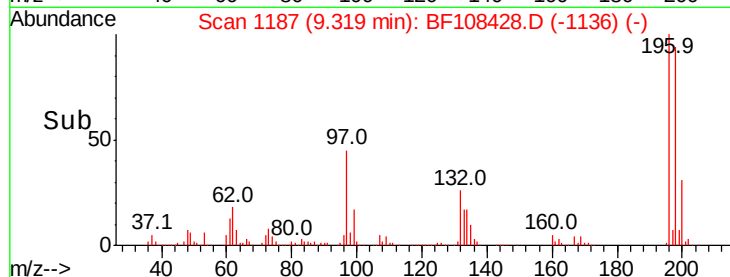
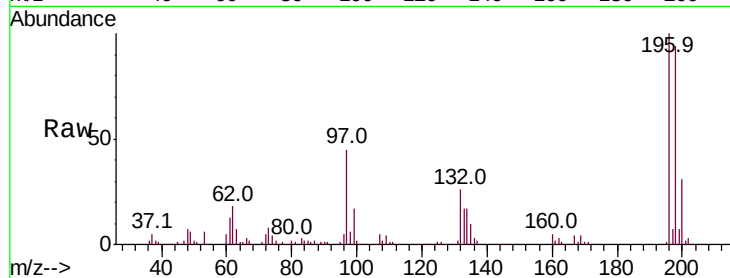
#43
2,4,5-Trichlorophenol
Concen: 44.163 ng
RT: 9.32 min Scan# 1187
Delta R.T. -0.00 min
Lab File: BF108428.D
Acq: 23 Aug 2018 18:43

Instrument :
BNA_F
ClientSampleId :
PB112233BS

Tot Ion	Ratio	Resp	Lower	Upper
196	100	243755		
198	93.8	74.6	112.0	
97	44.8	42.9	64.3	
132	25.6	26.3	39.5	

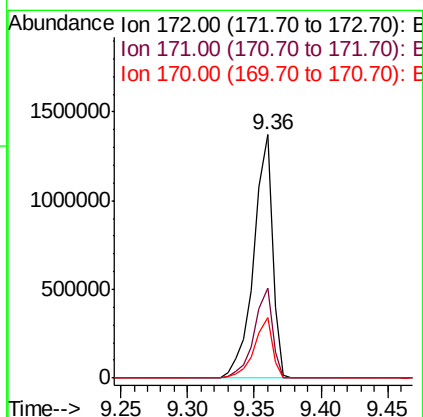
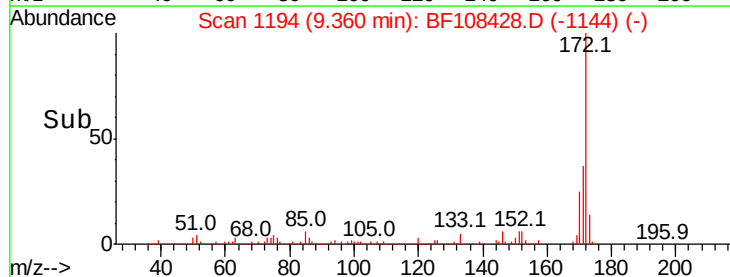
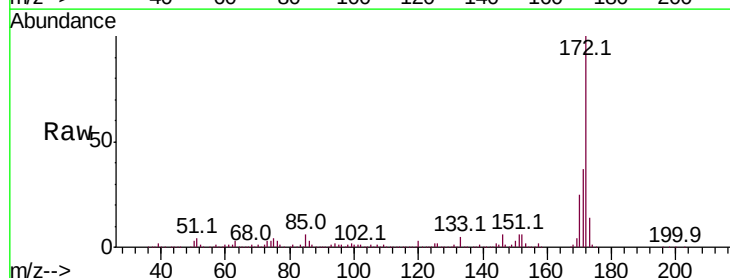
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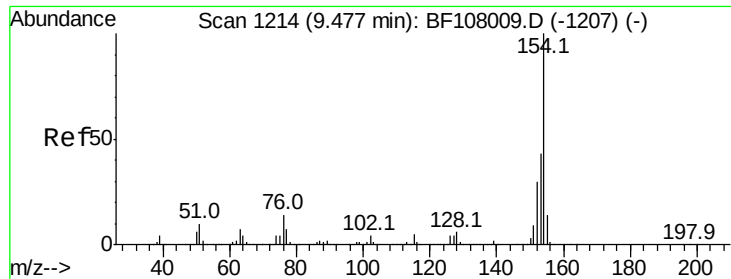
Sohil
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#44
2-Fluorobiphenyl
Concen: 80.251 ng
RT: 9.36 min Scan# 1194
Delta R.T. -0.01 min
Lab File: BF108428.D
Acq: 23 Aug 2018 18:43

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	1315180		
171	37.1	29.7	44.5	
170	24.9	19.6	29.4	





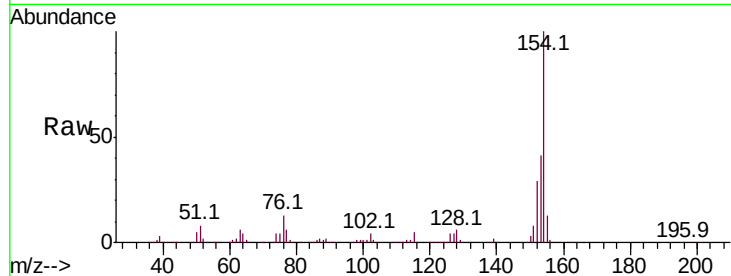
#45
 1,1'-Biphenyl
 Concen: 44.214 ng
 RT: 9.46 min Scan# 1211
 Delta R.T. -0.01 min
 Lab File: BF108428.D
 Acq: 23 Aug 2018 18:43

Instrument :
 BNA_F
 ClientSampleId :
 PB112233BS

Tot Ion	Ratio	Resp	Lower	Upper
154	100			
153	40.9	21.3	61.3	
76	13.1	0.0	34.0	

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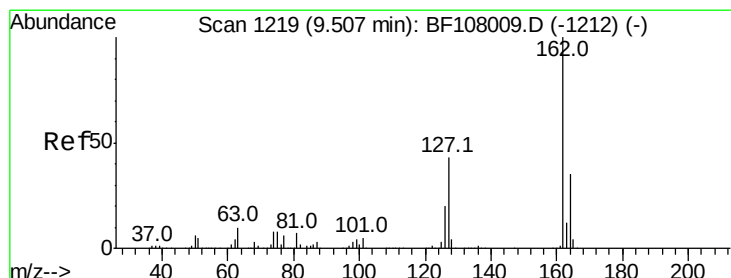
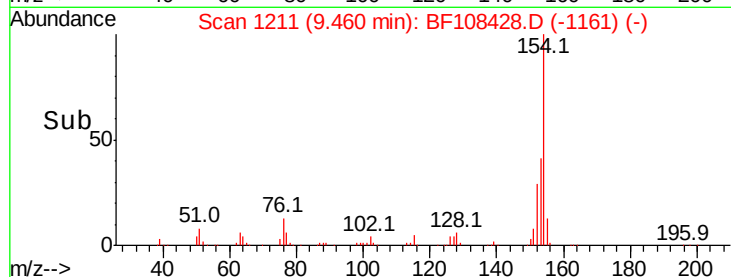
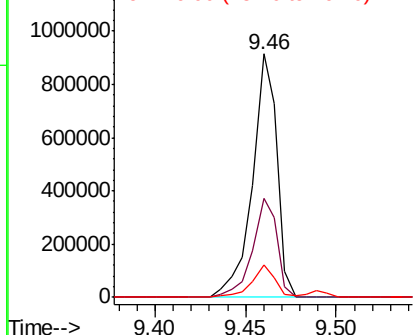


Abundance

Ion 154.00 (153.70 to 154.70): E

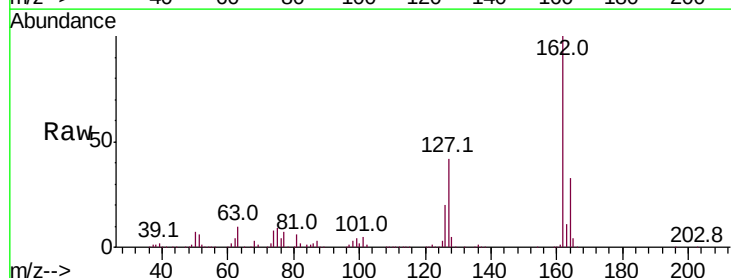
Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF1



#46
 2-Chloronaphthalene
 Concen: 42.977 ng
 RT: 9.49 min Scan# 1216
 Delta R.T. -0.01 min
 Lab File: BF108428.D
 Acq: 23 Aug 2018 18:43

Tgt Ion	Ratio	Resp	Lower	Upper
162	100			
127	41.9	33.9	50.9	
164	33.3	26.5	39.7	

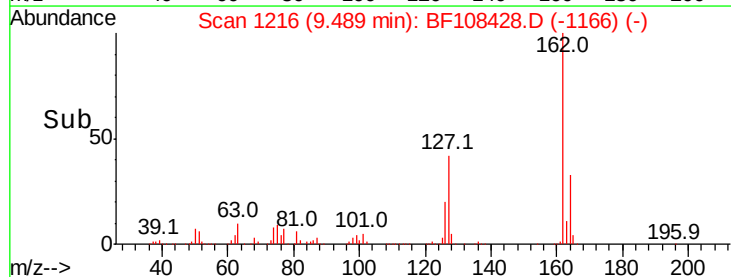
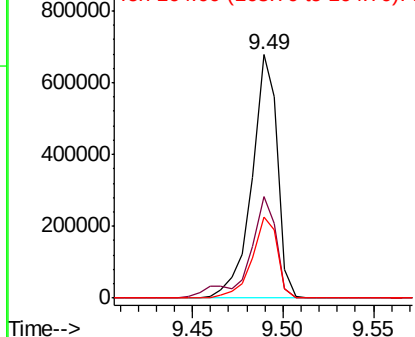


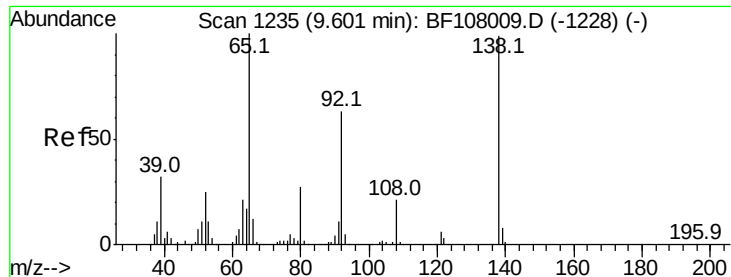
Abundance

Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E





#47

2-Nitroaniline

Concen: 44.724 ng

RT: 9.58 min Scan# 1232

Delta R.T. -0.01 min

Lab File: BF108428.D

Acq: 23 Aug 2018 18:43

Instrument :

BNA_F

ClientSampleId :

PB112233BS

Tot Ion: 65 Resp: 221873

Ion Ratio Lower Upper

65 100

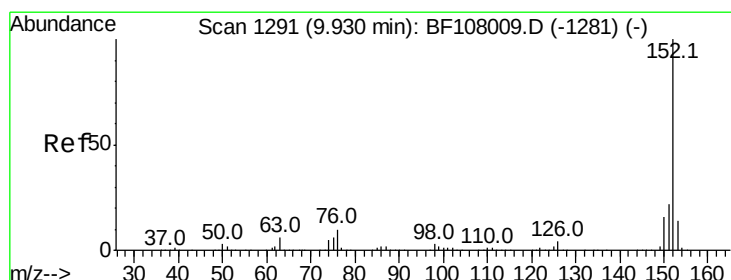
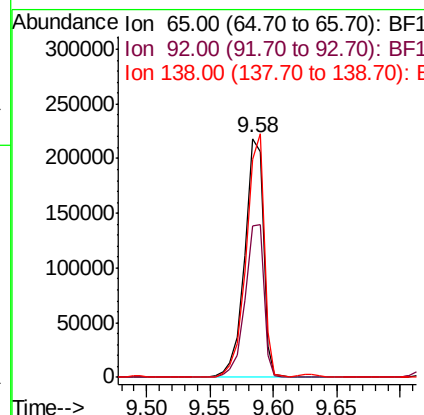
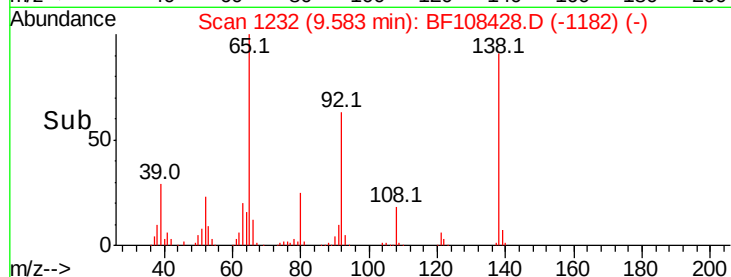
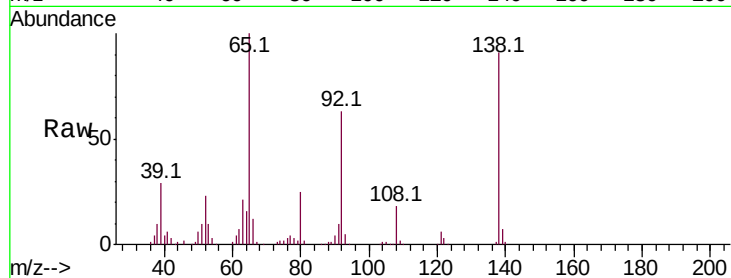
92 63.3 55.8 83.6

138 91.0 91.2 136.8#

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#48

Acenaphthylene

Concen: 43.908 ng

RT: 9.91 min Scan# 1288

Delta R.T. -0.01 min

Lab File: BF108428.D

Acq: 23 Aug 2018 18:43

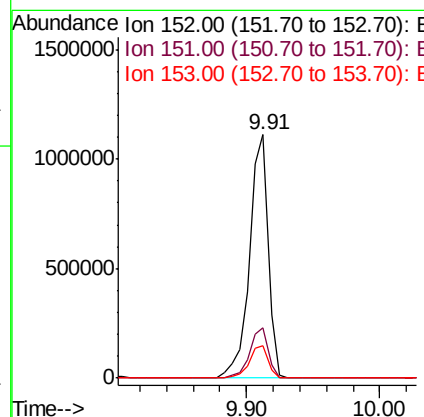
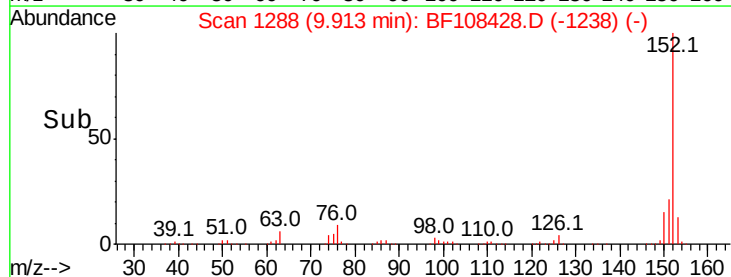
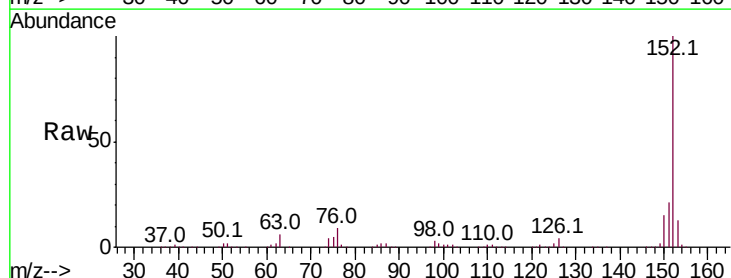
Tgt Ion: 152 Resp: 1064307

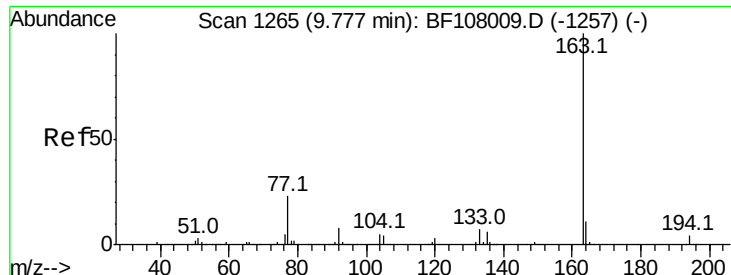
Ion Ratio Lower Upper

152 100

151 20.9 16.3 24.5

153 13.4 10.7 16.1





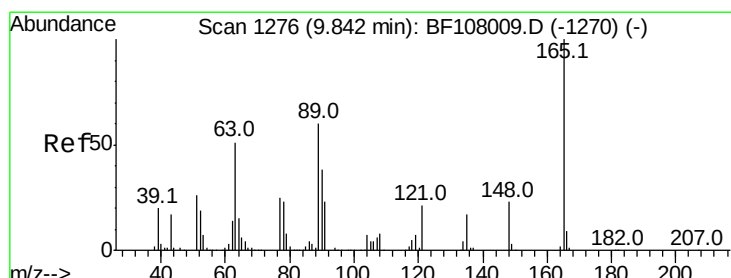
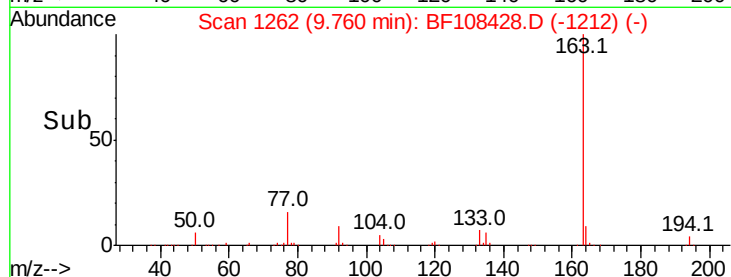
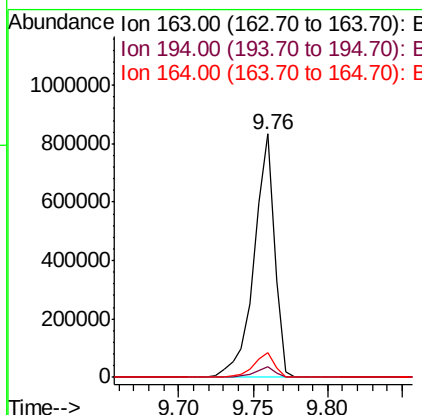
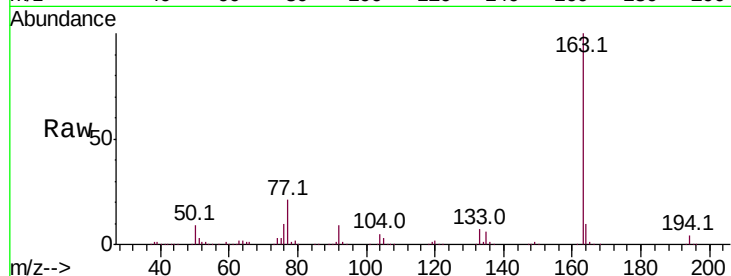
#49
 Dimethylphthalate
 Concen: 42.879 ng
 RT: 9.76 min Scan# 1262
 Delta R.T. -0.01 min
 Lab File: BF108428.D
 Acq: 23 Aug 2018 18:43

Instrument :
 BNA_F
 ClientSampleId :
 PB112233BS

Tot Ion:	163	Resp:	785870
Ion Ratio	Lower	Upper	
163	100		
194	4.2	2.7	4.1#
164	10.2	8.2	12.2

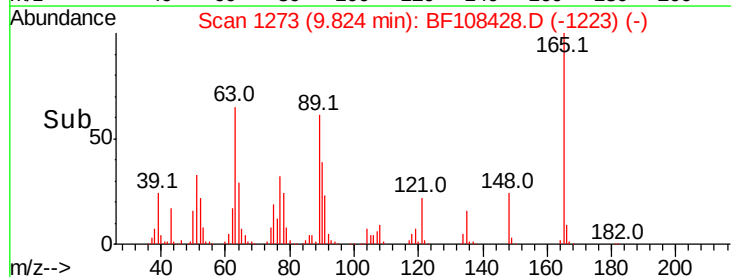
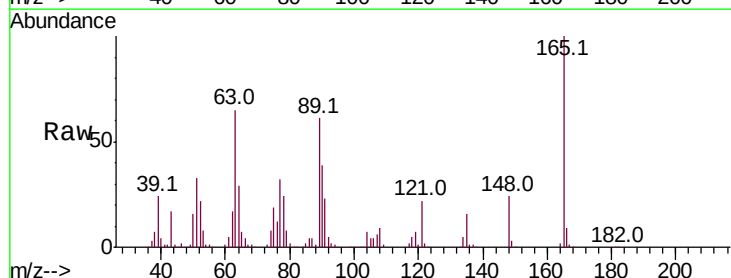
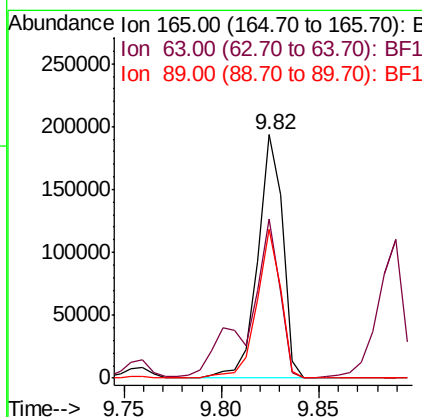
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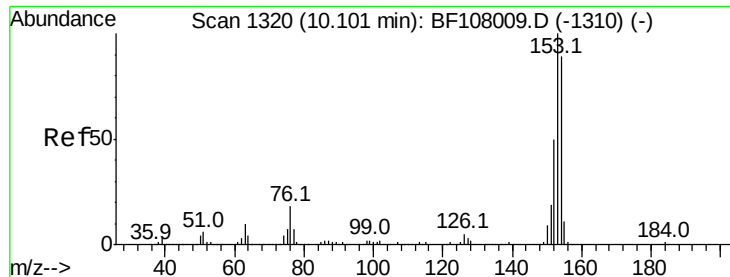
Sohil
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#50
 2,6-Dinitrotoluene
 Concen: 44.478 ng
 RT: 9.82 min Scan# 1273
 Delta R.T. -0.01 min
 Lab File: BF108428.D
 Acq: 23 Aug 2018 18:43

Tgt Ion:	165	Resp:	170552
Ion Ratio	Lower	Upper	
165	100		
63	65.2	44.7	67.1
89	61.0	44.0	66.0





#51

Acenaphthene

Concen: 42.383 ng

RT: 10.08 min Scan# 1317

Delta R.T. -0.01 min

Lab File: BF108428.D

Acq: 23 Aug 2018 18:43

Instrument :

BNA_F

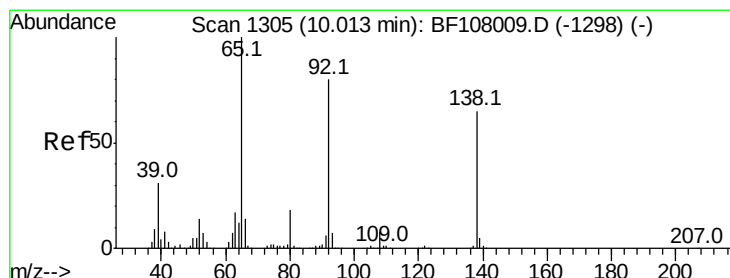
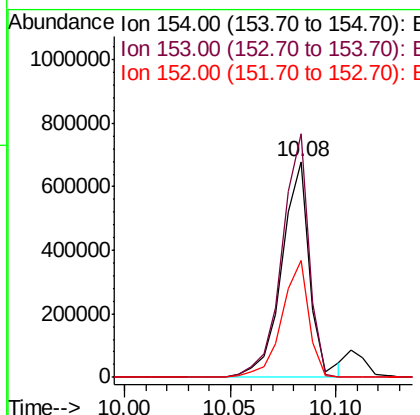
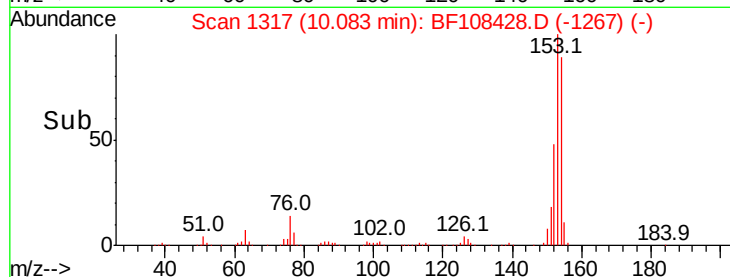
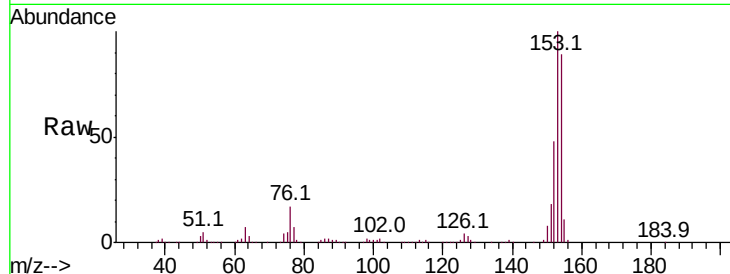
ClientSampleId :

PB112233BS

Tot Ion:	154	Resp:	629242
Ion Ratio	Lower	Upper	
154	100		
153	112.8	91.2	136.8
152	54.4	43.8	65.8

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#52

3-Nitroaniline

Concen: 28.337 ng

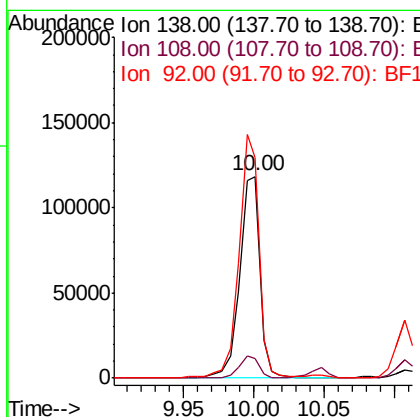
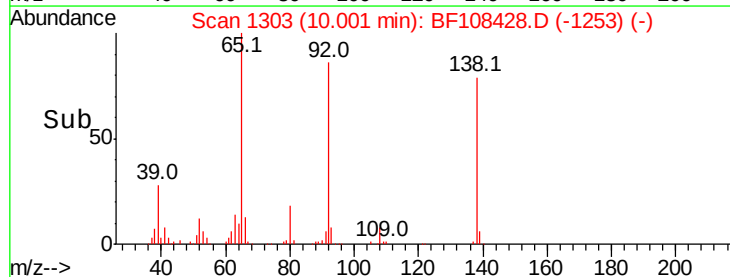
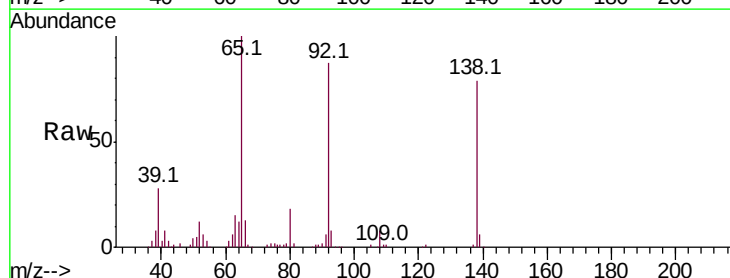
RT: 10.00 min Scan# 1303

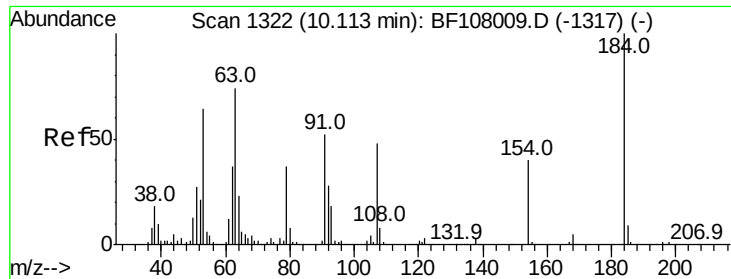
Delta R.T. -0.01 min

Lab File: BF108428.D

Acq: 23 Aug 2018 18:43

Tgt Ion:	138	Resp:	118885
Ion Ratio	Lower	Upper	
138	100		
108	10.0	9.4	14.0
92	109.3	89.4	134.2





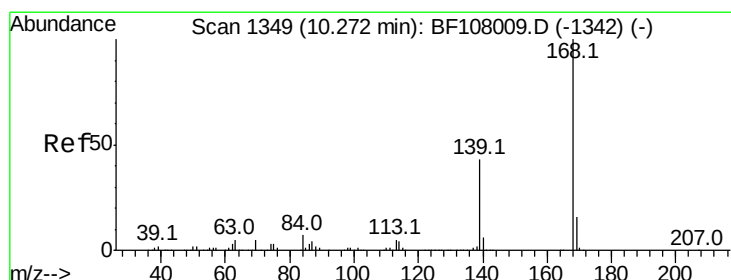
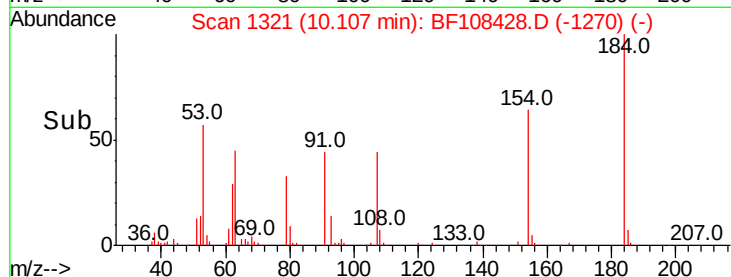
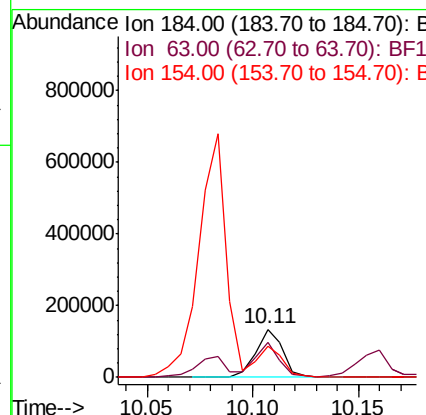
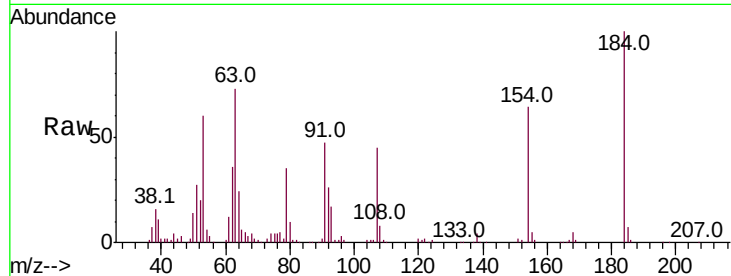
#53
2,4-Dinitrophenol
Concen: 83.024 ng
RT: 10.11 min Scan# 1321
Delta R.T. -0.00 min
Lab File: BF108428.D
Acq: 23 Aug 2018 18:43

Instrument :
BNA_F
ClientSampled :
PB112233BS

Tot Ion	Ratio	Resp	Lower	Upper
184	100	119561		
63	73.1	54.2	81.2	
154	64.1	184.0	276.0	

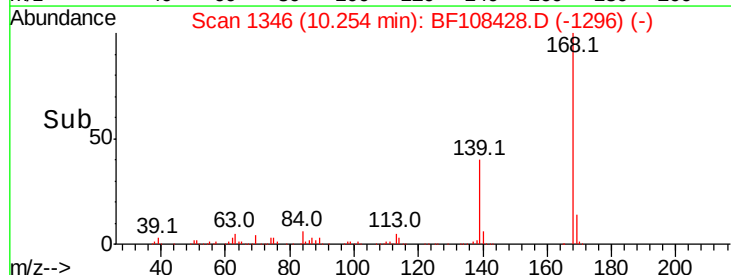
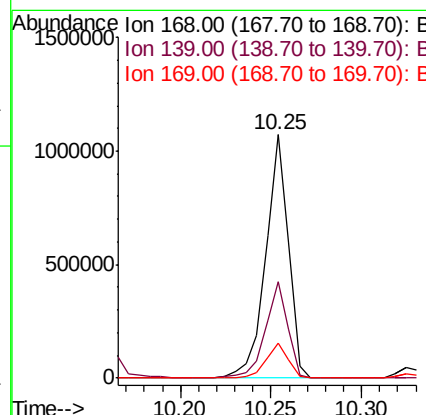
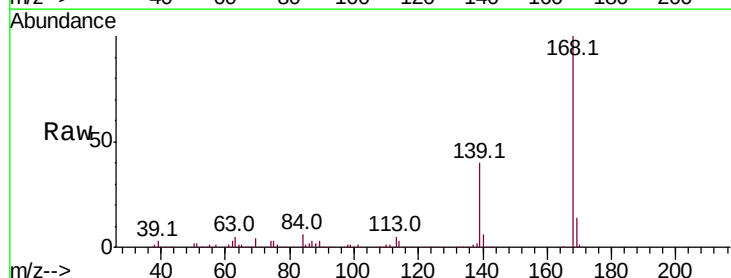
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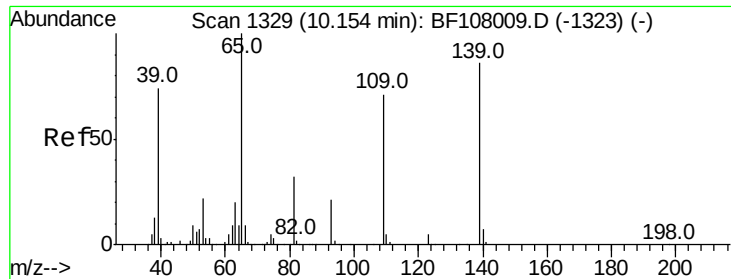
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#54
Dibenzofuran
Concen: 43.410 ng
RT: 10.25 min Scan# 1346
Delta R.T. -0.01 min
Lab File: BF108428.D
Acq: 23 Aug 2018 18:43

Tgt Ion	Ratio	Resp	Lower	Upper
168	100	933716		
139	39.5	30.1	45.1	
169	14.3	10.9	16.3	





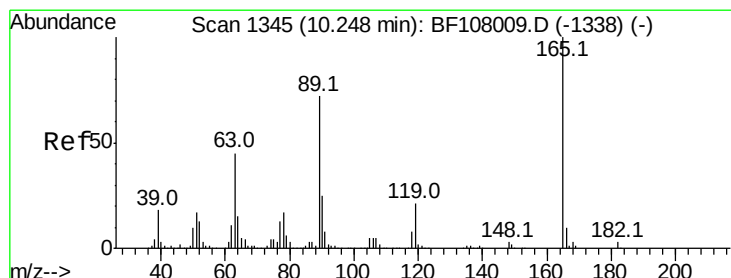
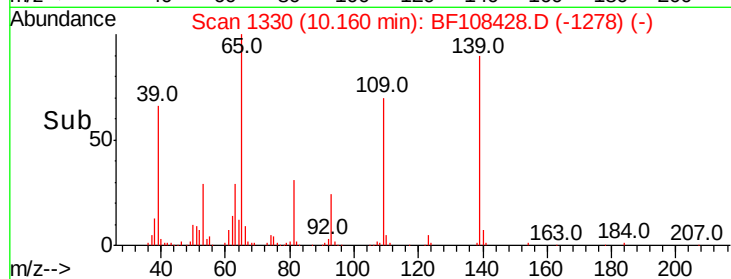
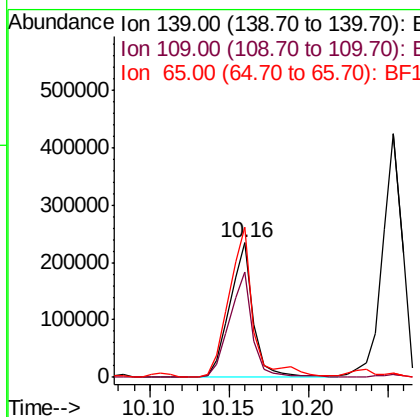
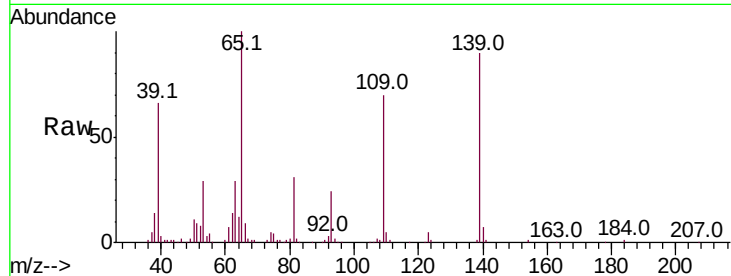
#55
4-Nitrophenol
Concen: 76.465 ng
RT: 10.16 min Scan# 1330
Delta R.T. 0.01 min
Lab File: BF108428.D
Acq: 23 Aug 2018 18:43

Instrument :
BNA_F
ClientSampled :
PB112233BS

Tot Ion	Ratio	Resp	Lower	Upper
139	100	242931		
109	77.9	48.4	88.4	
65	111.5	72.6	112.6	

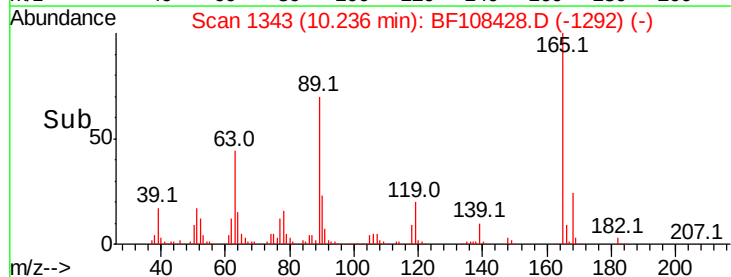
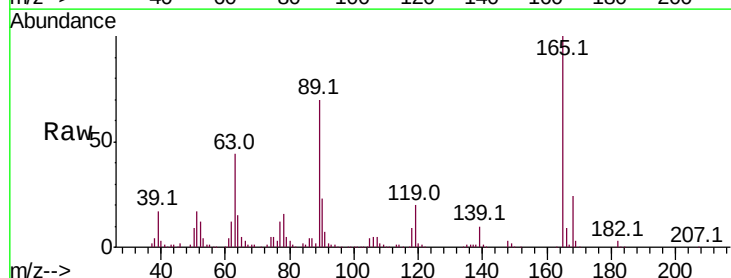
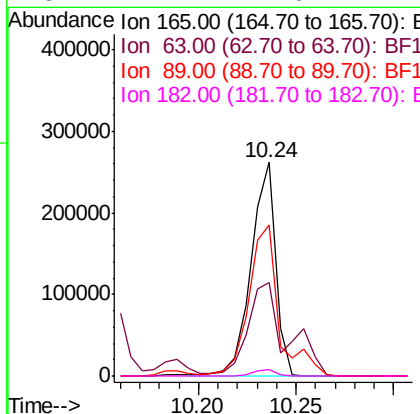
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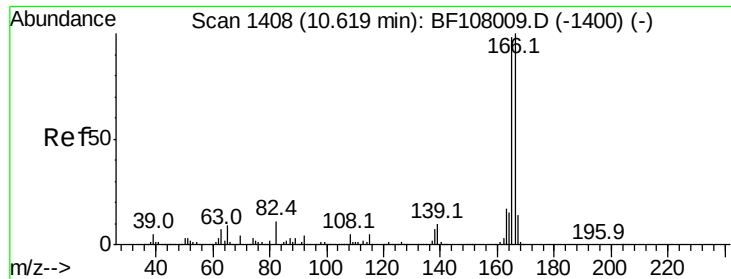
Sohil
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#56
2,4-Dinitrotoluene
Concen: 46.466 ng
RT: 10.24 min Scan# 1343
Delta R.T. -0.00 min
Lab File: BF108428.D
Acq: 23 Aug 2018 18:43

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	229347		
63	43.7	36.4	54.6	
89	70.4	57.8	86.6	
182	2.7	1.6	2.4	#





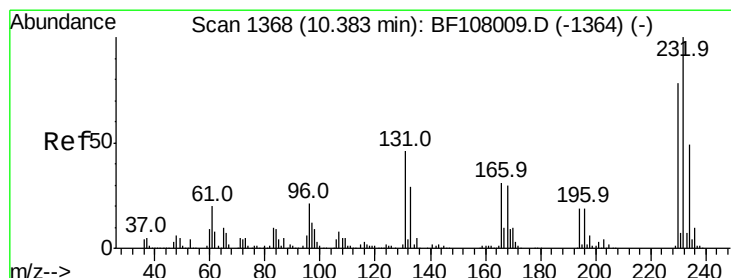
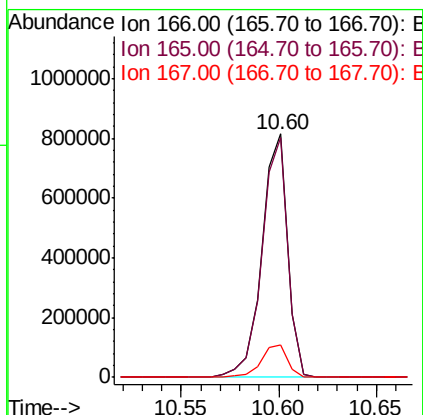
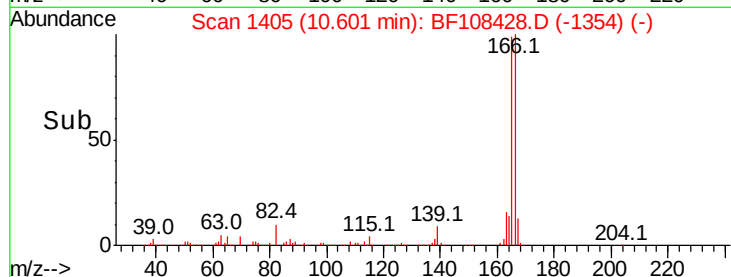
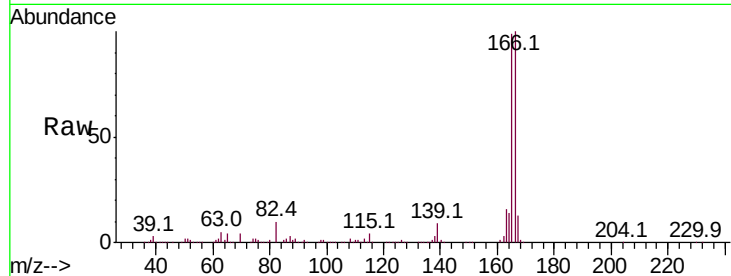
#57
 Fluorene
 Concen: 43.576 ng
 RT: 10.60 min Scan# 1405
 Delta R.T. -0.00 min
 Lab File: BF108428.D
 Acq: 23 Aug 2018 18:43

Instrument :
 BNA_F
 ClientSampleId :
 PB112233BS

Tot Ion	Ratio	Lower	Upper
166	100		
165	98.7	79.8	119.8
167	13.5	10.6	16.0

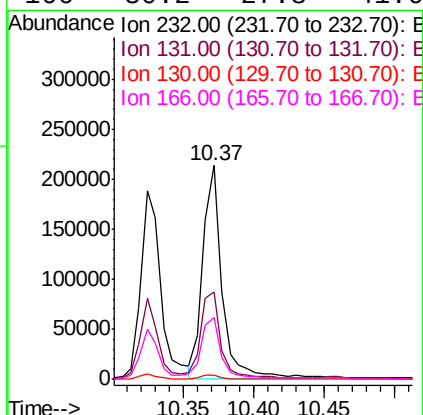
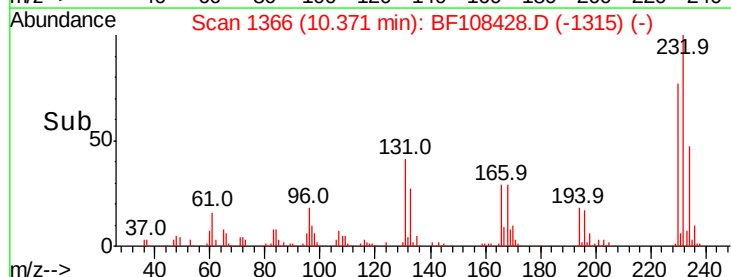
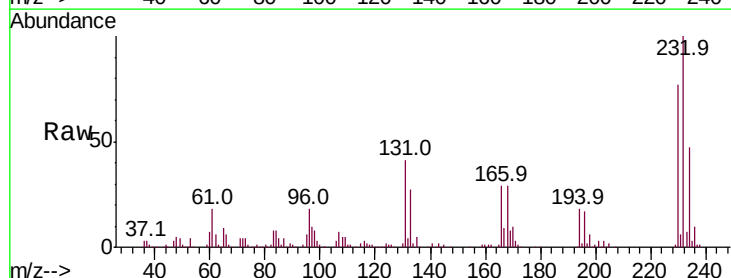
Manual Integrations
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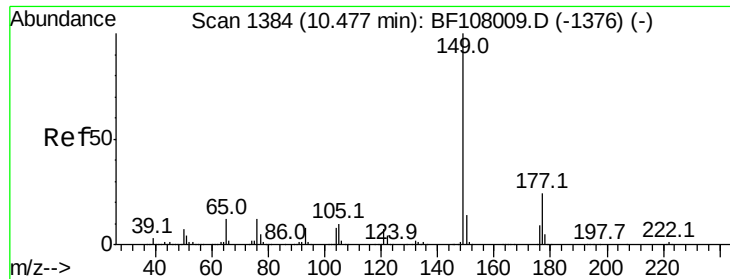
Sohil
 8/24/2018 12:14:05 PM



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 43.591 ng
 RT: 10.37 min Scan# 1366
 Delta R.T. -0.00 min
 Lab File: BF108428.D
 Acq: 23 Aug 2018 18:43

Tgt Ion	Ratio	Lower	Upper
232	100		
131	44.1	43.8	65.8
130	2.1	2.1	3.1
166	30.2	27.8	41.6





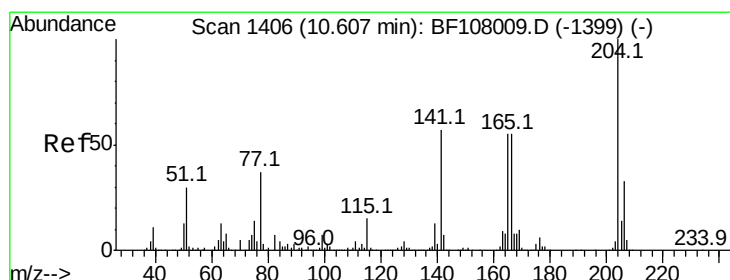
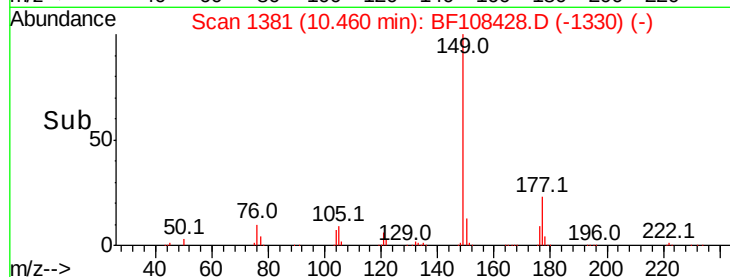
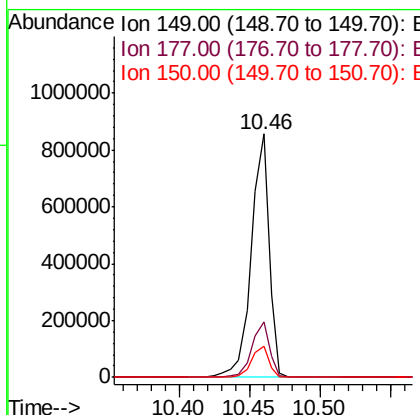
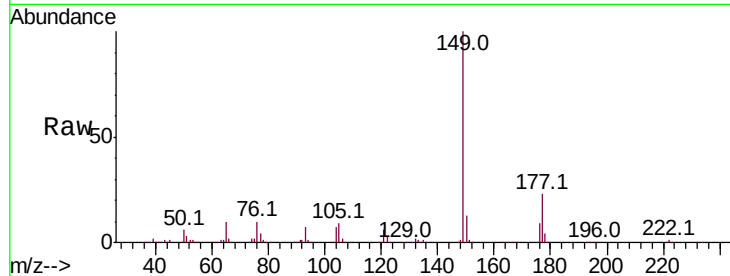
#59
Diethylphthalate
Concen: 42.989 ng
RT: 10.46 min Scan# 1381
Delta R.T. -0.00 min
Lab File: BF108428.D
Acq: 23 Aug 2018 18:43

Instrument :
BNA_F
ClientSampled :
PB112233BS

Tot Ion	Ratio	Resp	Lower	Upper
149	100	762945		
177	23.0	16.1	24.1	
150	12.9	10.1	15.1	

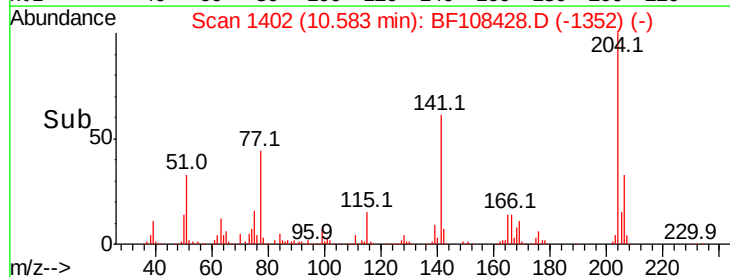
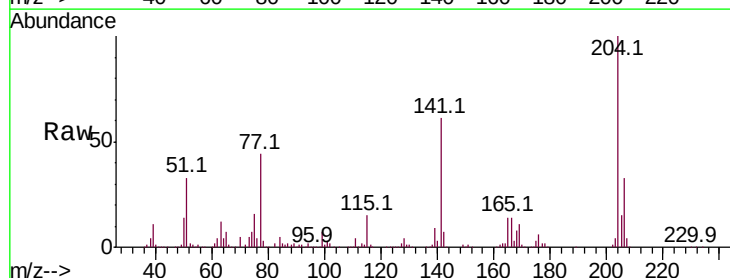
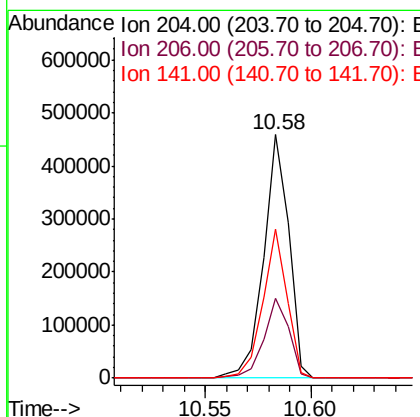
Manual Integrations
APPROVED

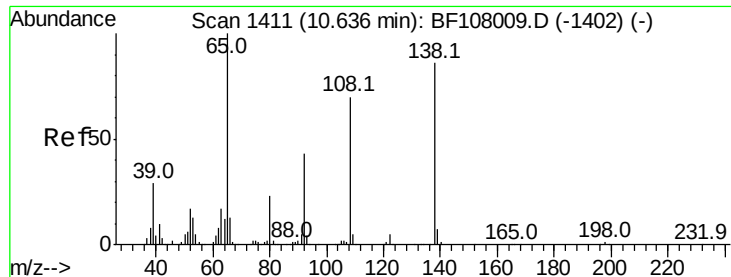
Sohil
8/24/2018 12:14:05 PM



#60
4-Chlorophenyl-phenylether
Concen: 42.965 ng
RT: 10.58 min Scan# 1402
Delta R.T. -0.01 min
Lab File: BF108428.D
Acq: 23 Aug 2018 18:43

Tgt Ion	Ratio	Resp	Lower	Upper
204	100	381203		
206	32.6	26.5	39.7	
141	61.2	54.6	81.8	





#61

4-Nitroaniline

Concen: 42.302 ng

RT: 10.62 min Scan# 1408

Delta R.T. -0.00 min

Lab File: BF108428.D

Acq: 23 Aug 2018 18:43

Instrument :

BNA_F

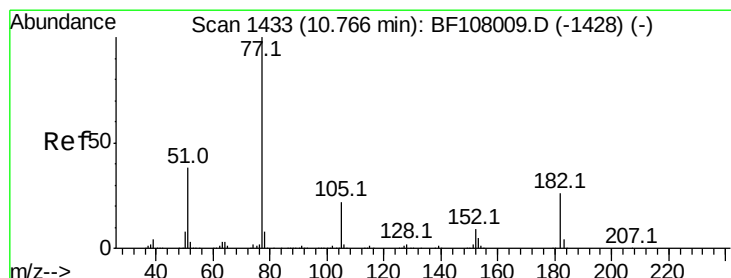
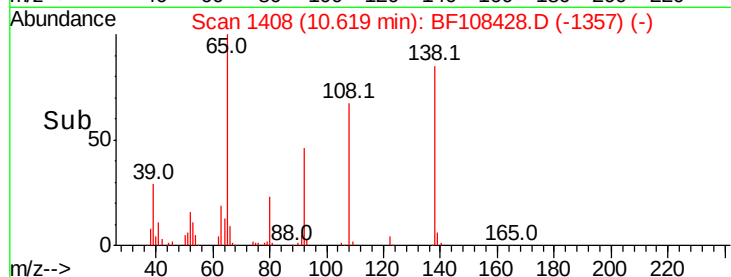
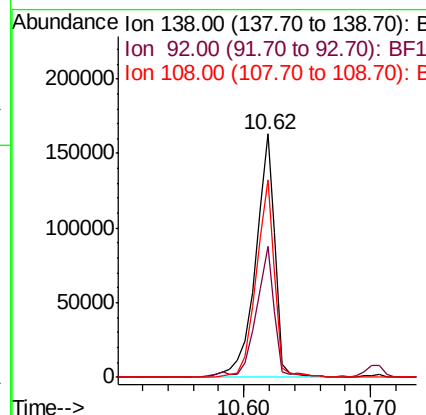
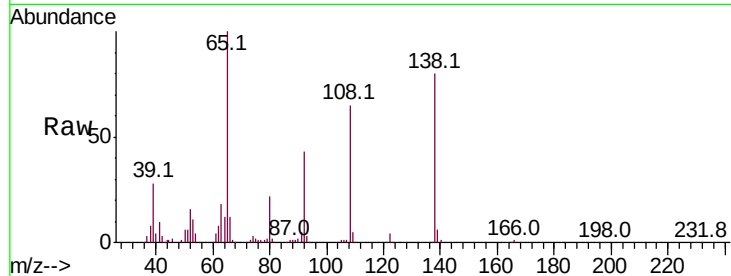
ClientSampleId :

PB112233BS

Tot Ion:	138	Resp:	175466
Ion Ratio	Lower	Upper	
138	100		
92	53.9	30.2	70.2
108	81.0	52.5	92.5

Manual Integrations
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8/24/2018 12:14:05 PM



#62

Azobenzene

Concen: 41.740 ng

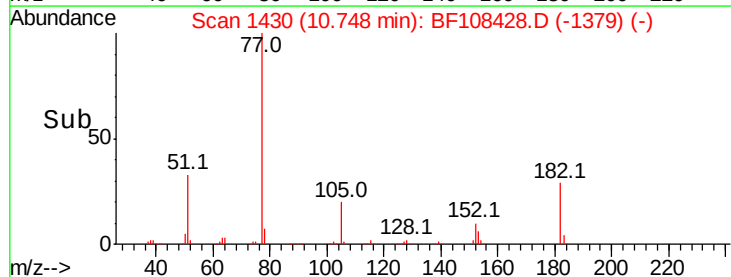
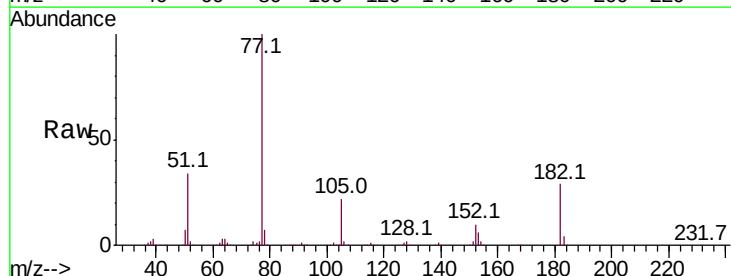
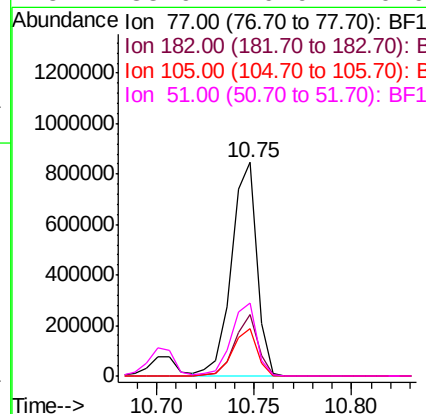
RT: 10.75 min Scan# 1430

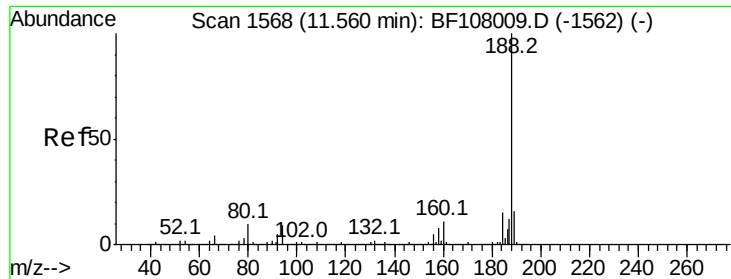
Delta R.T. -0.00 min

Lab File: BF108428.D

Acq: 23 Aug 2018 18:43

Tgt Ion:	77	Resp:	765019
Ion Ratio	Lower	Upper	
77	100		
182	29.0	1.7	41.7
105	22.1	3.0	43.0
51	33.9	9.9	49.9





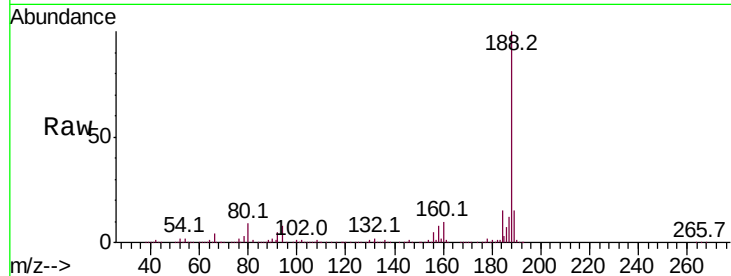
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.54 min Scan# 1565
Delta R.T. -0.01 min
Lab File: BF108428.D
Acq: 23 Aug 2018 18:43

Instrument :
BNA_F
ClientSampleId :
PB112233BS

Tot Ion	Ratio	Resp Lower	Upper
188	100		
94	8.4	8.5	12.7#
80	9.3	9.2	13.8

Manual Integrations
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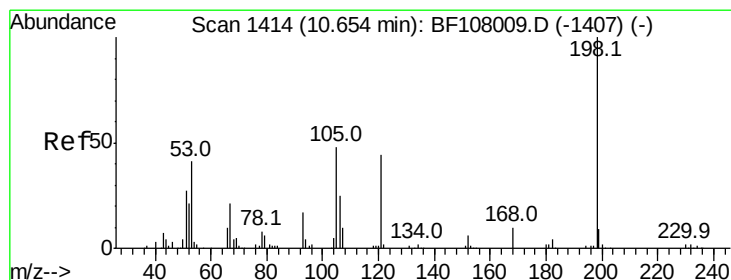
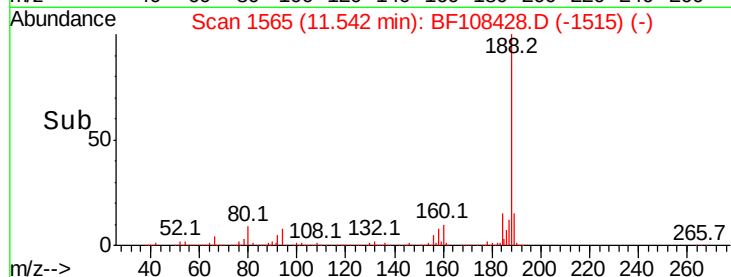
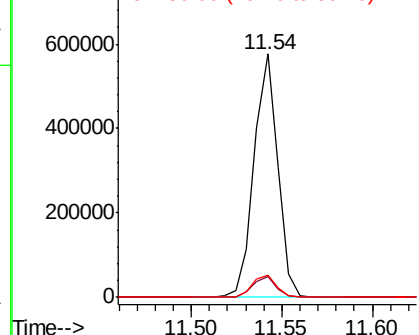


Abundance

Ion 188.00 (187.70 to 188.70): E

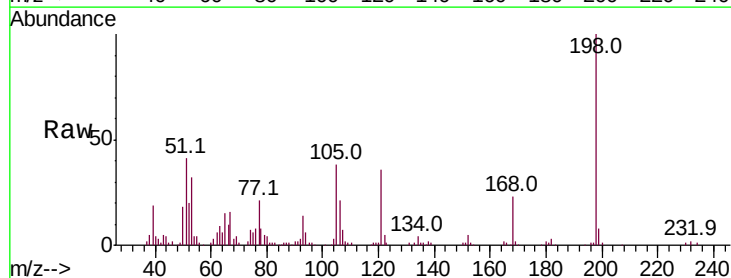
Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1



#64
4,6-Dinitro-2-methylphenol
Concen: 42.956 ng
RT: 10.65 min Scan# 1413
Delta R.T. -0.00 min
Lab File: BF108428.D
Acq: 23 Aug 2018 18:43

Tgt Ion	Ratio	Resp Lower	Upper
198	100		
51	41.4	37.7	77.7
105	37.5	36.3	76.3

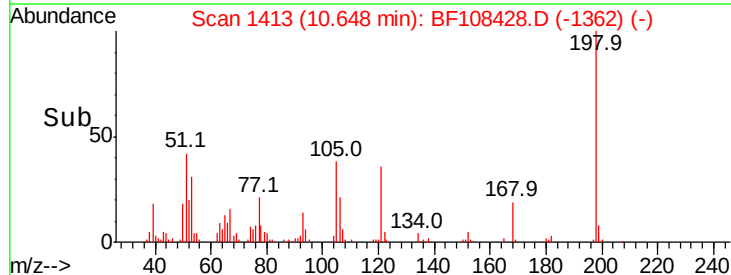
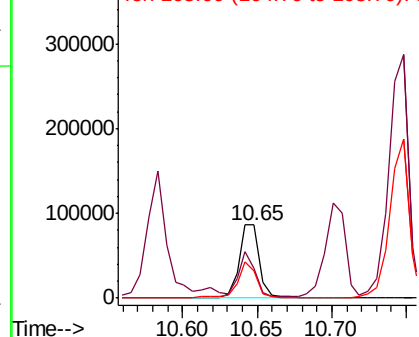


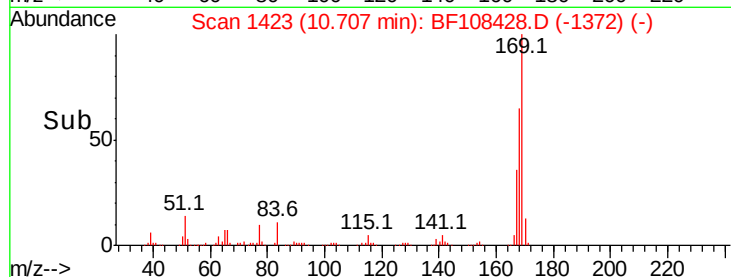
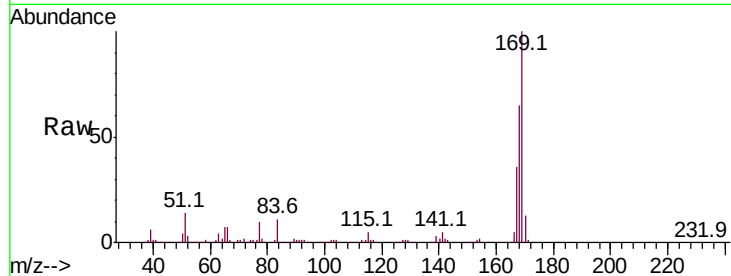
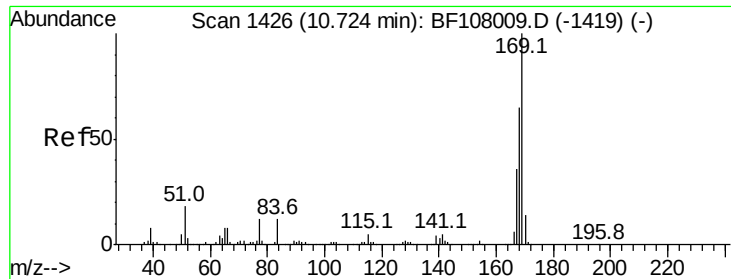
Abundance

Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF1

Ion 105.00 (104.70 to 105.70): E





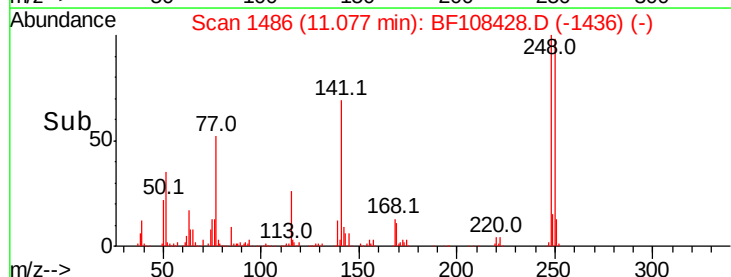
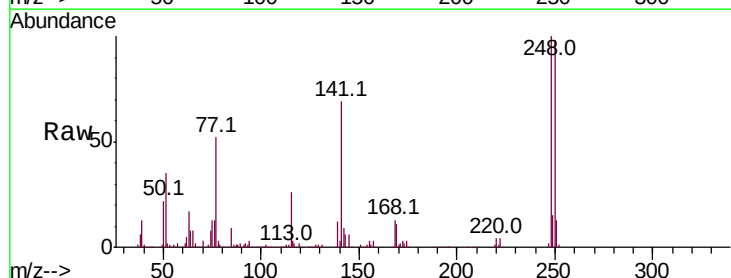
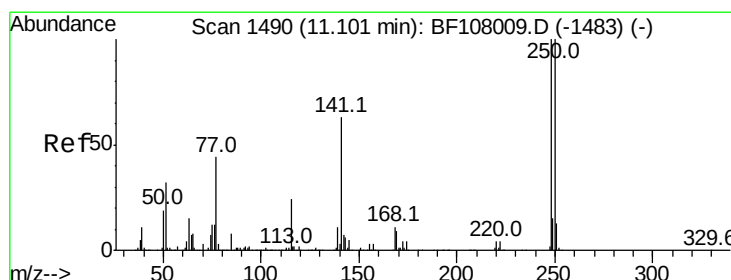
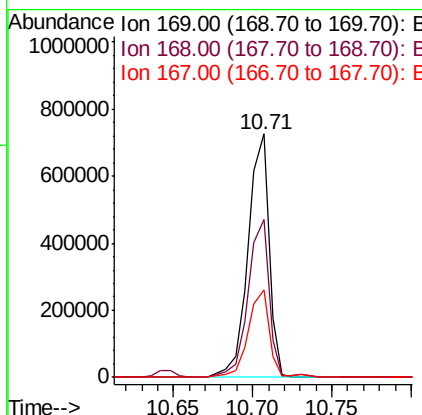
#65
n-Nitrosodiphenylamine
Concen: 42.948 ng
RT: 10.71 min Scan# 1423
Delta R.T. -0.00 min
Lab File: BF108428.D
Acq: 23 Aug 2018 18:43

Instrument :
BNA_F
ClientSampled :
PB112233BS

Tot Ion	Ratio	Resp	Lower	Upper
169	100			
168	64.8	54.4	81.6	
167	35.9	29.8	44.6	

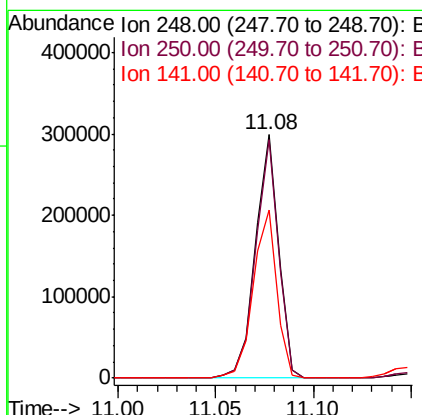
Manual Integrations
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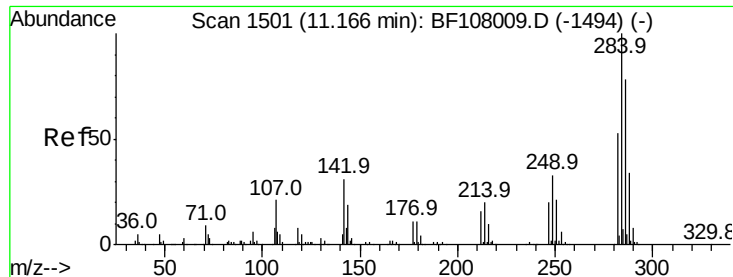
Sohil
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#66
4-Bromophenyl-phenylether
Concen: 43.306 ng
RT: 11.08 min Scan# 1486
Delta R.T. -0.01 min
Lab File: BF108428.D
Acq: 23 Aug 2018 18:43

Tgt Ion	Ratio	Resp	Lower	Upper
248	100			
250	97.8	76.9	115.3	
141	69.2	74.4	111.6	





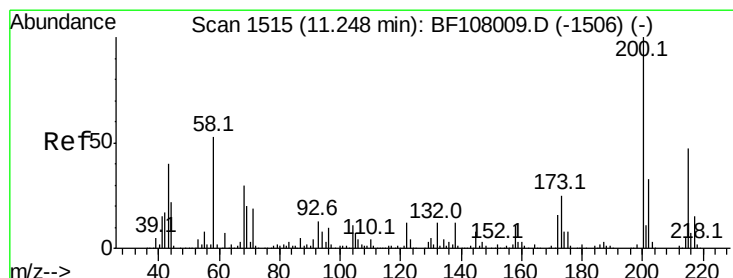
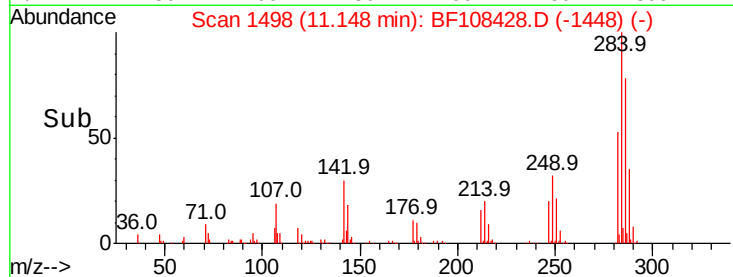
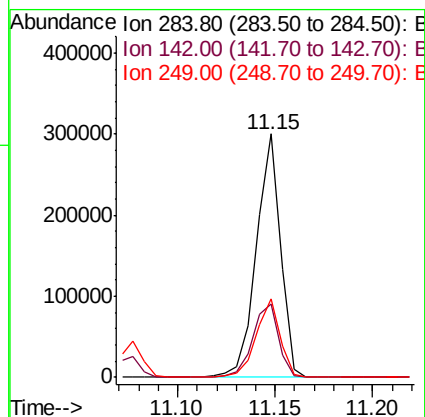
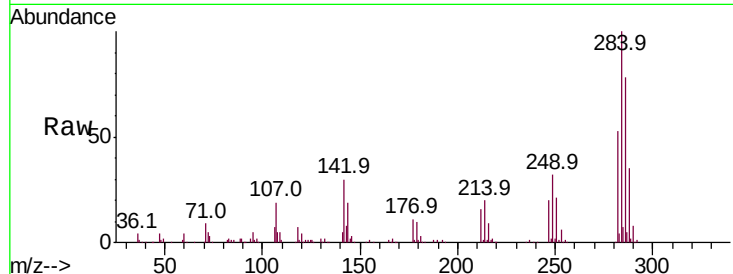
#67
Hexachlorobenzene
Concen: 43.109 ng
RT: 11.15 min Scan# 1498
Delta R.T. -0.01 min
Lab File: BF108428.D
Acq: 23 Aug 2018 18:43

Instrument :
BNA_F
ClientSampleId :
PB112233BS

Tot Ion	Ratio	Resp	Lower	Upper
284	100	258197		
142	30.2	34.6	52.0#	
249	32.1	24.8	37.2	

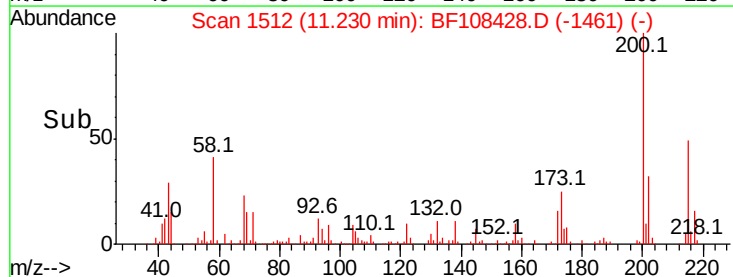
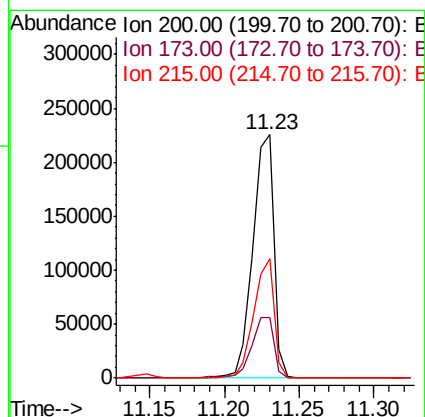
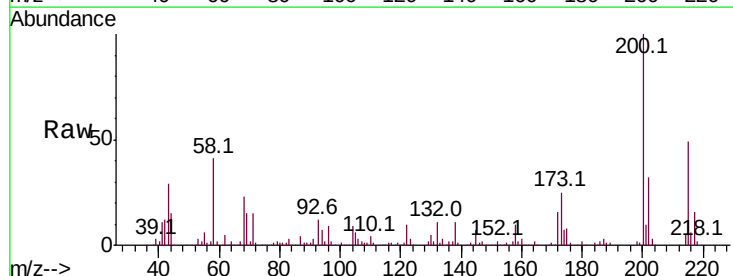
Manual Integrations
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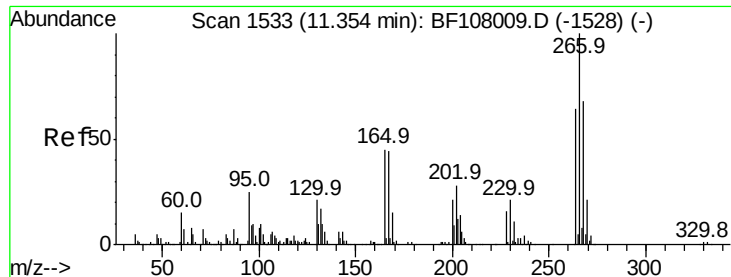
Sohil
8/24/2018 12:14:05 PM



#68
Atrazine
Concen: 42.265 ng
RT: 11.23 min Scan# 1512
Delta R.T. -0.00 min
Lab File: BF108428.D
Acq: 23 Aug 2018 18:43

Tgt Ion	Ratio	Resp	Lower	Upper
200	100	219434		
173	25.0	8.6	48.6	
215	49.2	25.1	65.1	





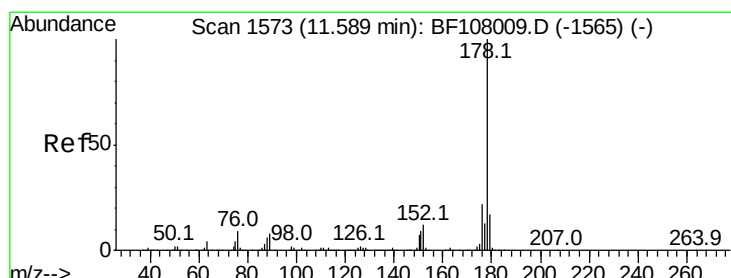
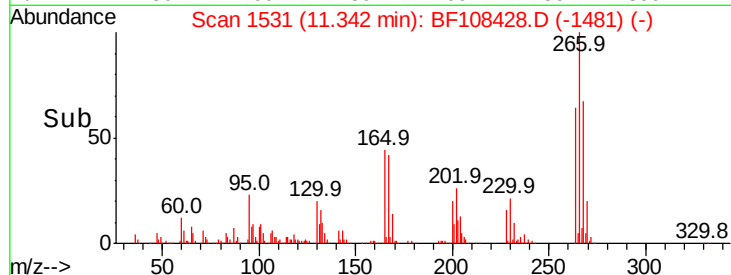
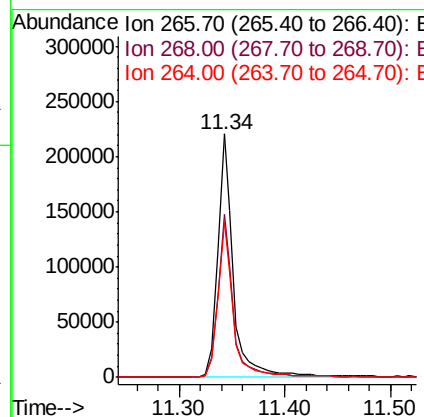
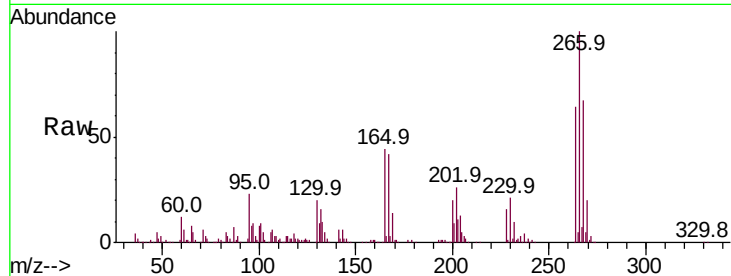
#69
 Pentachlorophenol
 Concen: 80.809 ng
 RT: 11.34 min Scan# 1531
 Delta R.T. -0.01 min
 Lab File: BF108428.D
 Acq: 23 Aug 2018 18:43

Instrument :
 BNA_F
 ClientSampleId :
 PB112233BS

Tot Ion	Ratio	Resp	Lower	Upper
266	100	231662		
268	67.2	51.1	76.7	
264	63.7	49.5	74.3	

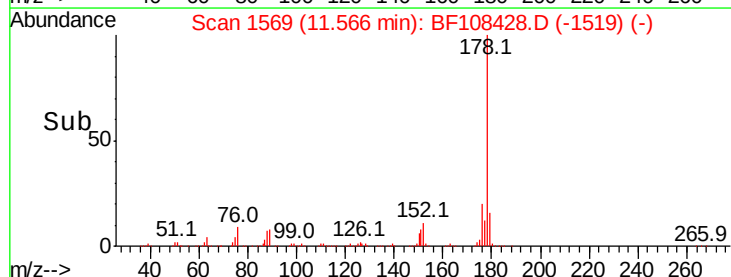
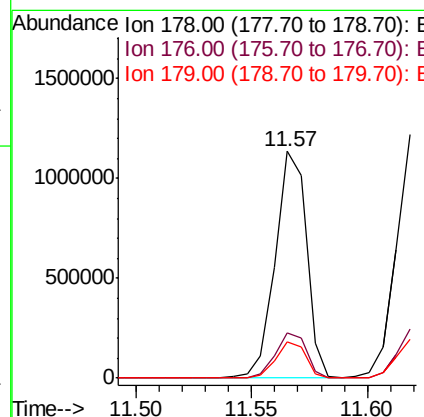
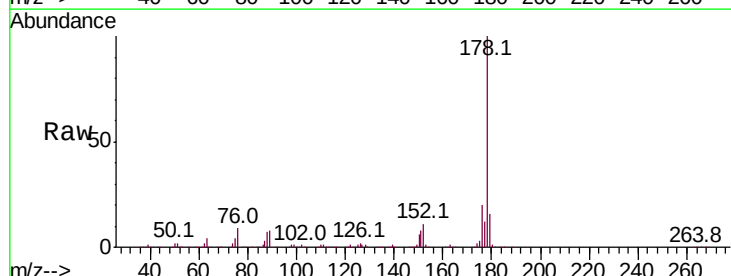
Manual Integrations
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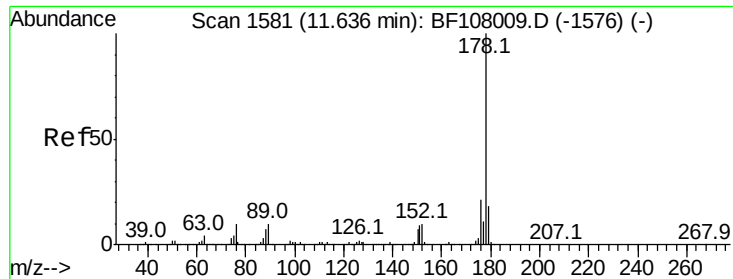
Sohil
 8/24/2018 12:14:05 PM



#70
 Phenanthrene
 Concen: 43.300 ng
 RT: 11.57 min Scan# 1569
 Delta R.T. -0.01 min
 Lab File: BF108428.D
 Acq: 23 Aug 2018 18:43

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	1069801		
176	19.9	15.8	23.8	
179	16.0	13.0	19.6	





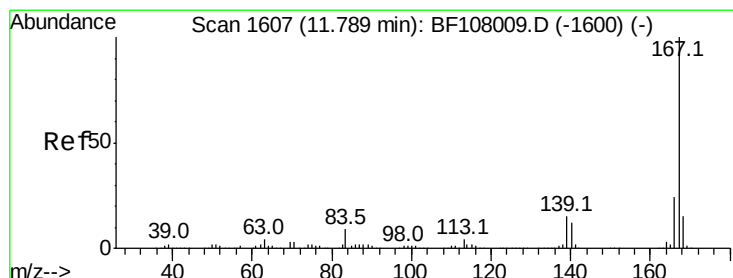
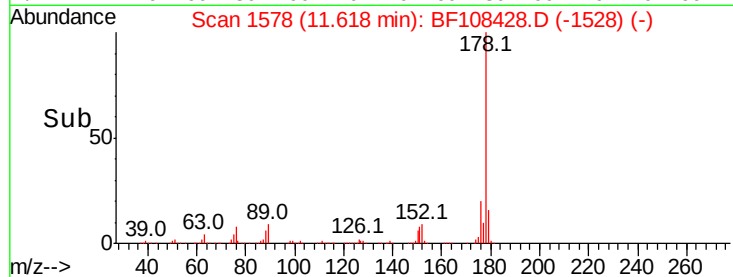
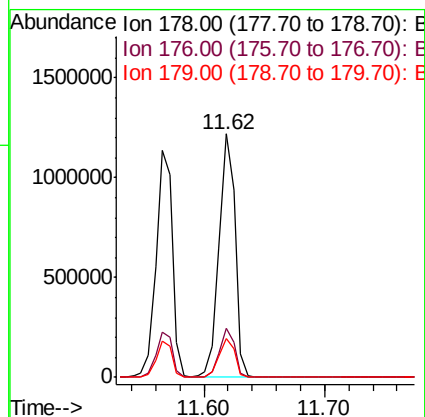
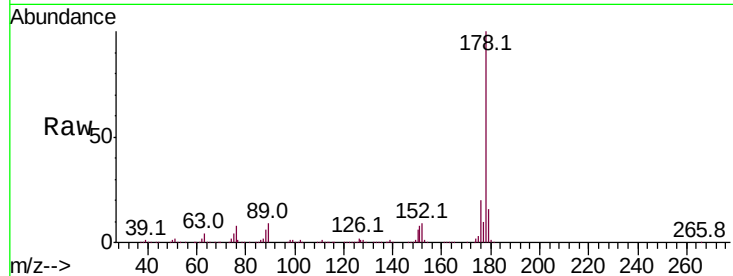
#71
 Anthracene
 Concen: 43.565 ng
 RT: 11.62 min Scan# 1578
 Delta R.T. -0.01 min
 Lab File: BF108428.D
 Acq: 23 Aug 2018 18:43

Instrument :
 BNA_F
 ClientSampleId :
 PB112233BS

Tot Ion	Ratio	Lower	Upper
178	100		
176	20.4	15.4	23.2
179	16.2	12.6	19.0

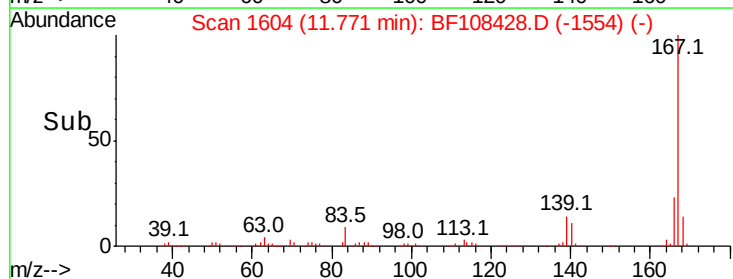
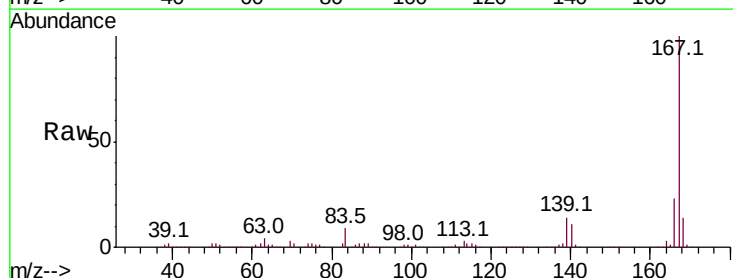
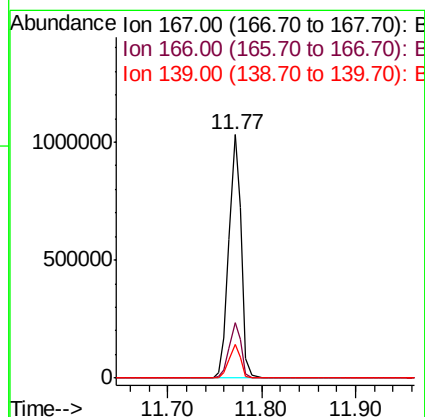
Manual Integrations
 APPROVED

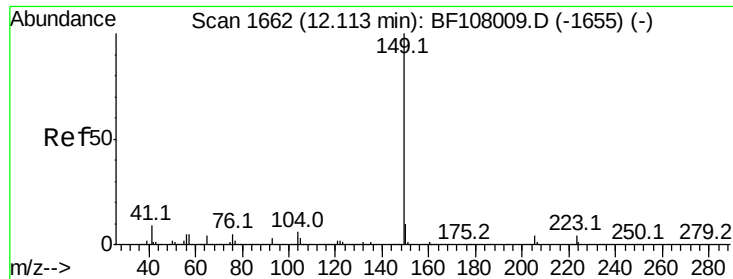
Sohil
 8/24/2018 12:14:05 PM



#72
 Carbazole
 Concen: 41.737 ng
 RT: 11.77 min Scan# 1604
 Delta R.T. -0.01 min
 Lab File: BF108428.D
 Acq: 23 Aug 2018 18:43

Tgt Ion	Ratio	Lower	Upper
167	100		
166	22.7	17.6	26.4
139	13.7	10.9	16.3





#73

Di-n-butylphthalate

Concen: 45.415 ng

RT: 12.08 min Scan# 1657

Delta R.T. -0.01 min

Lab File: BF108428.D

Acq: 23 Aug 2018 18:43

Instrument :

BNA_F

ClientSampleId :

PB112233BS

Tot Ion:149 Resp: 1157348

Ion Ratio Lower Upper

149 100

150 9.8 7.8 11.6

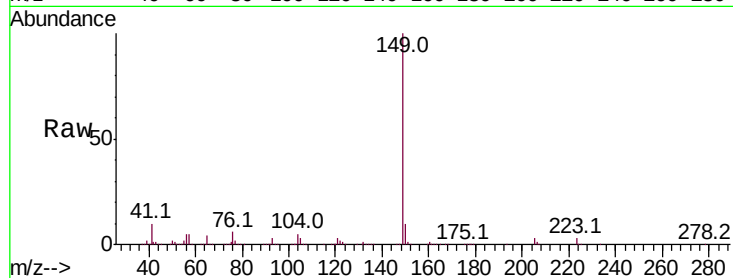
104 5.4 3.8 5.8

Manual Integrations

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Sohil

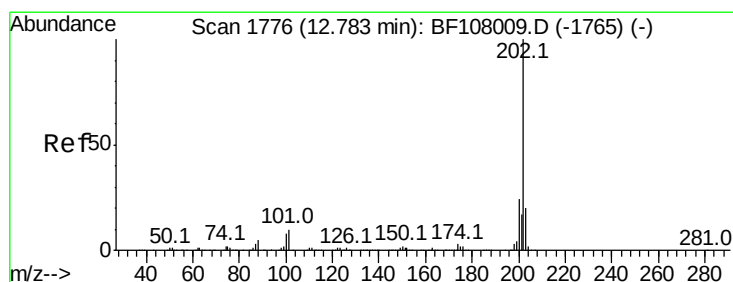
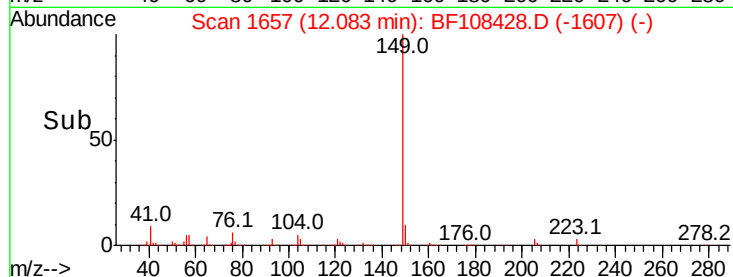
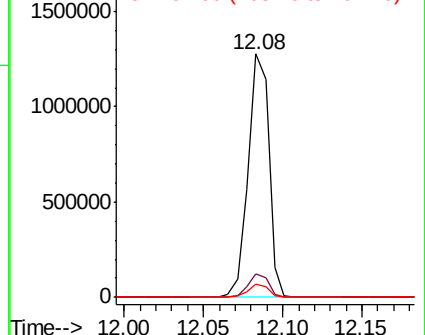
8/24/2018 12:14:05 PM



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 42.394 ng

RT: 12.76 min Scan# 1772

Delta R.T. -0.01 min

Lab File: BF108428.D

Acq: 23 Aug 2018 18:43

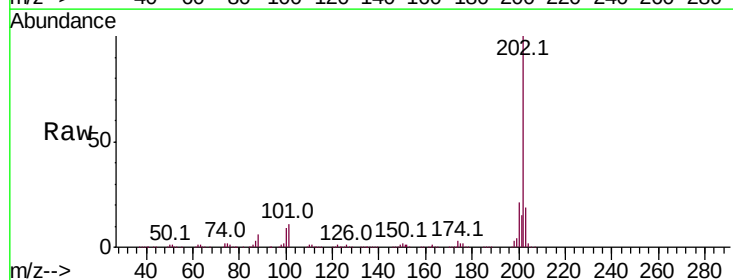
Tgt Ion:202 Resp: 1143114

Ion Ratio Lower Upper

202 100

101 11.0 0.0 34.1

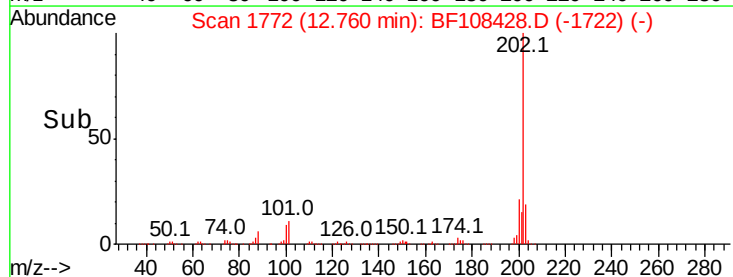
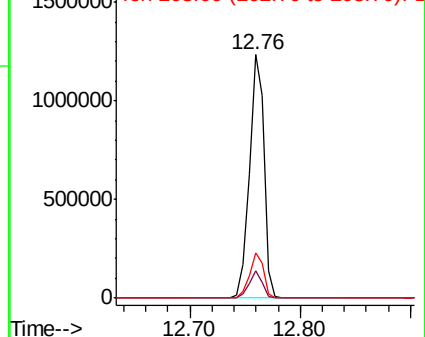
203 18.5 0.0 38.1

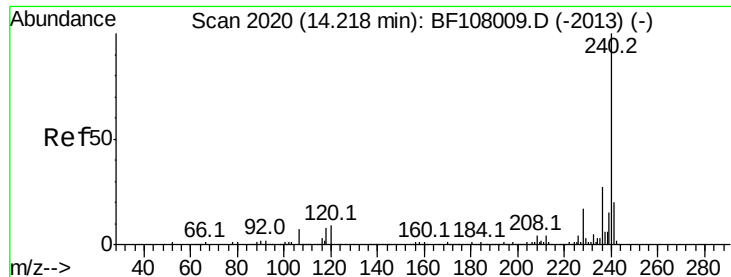


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.19 min Scan# 2016

Delta R.T. -0.01 min

Lab File: BF108428.D

Acq: 23 Aug 2018 18:43

Instrument :

BNA_F

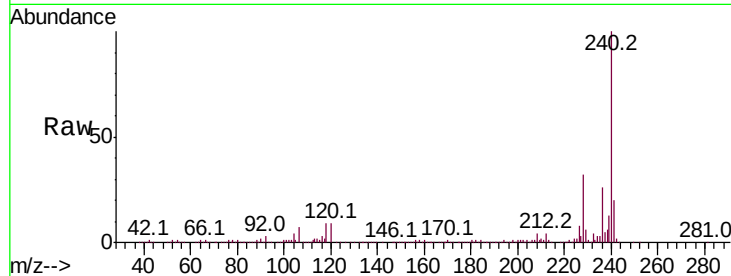
ClientSampleId :

PB112233BS

Tot Ion	Ratio	Resp	Lower	Upper
240	100			
120	9.4	9.5	14.3	
236	26.4	20.7	31.1	

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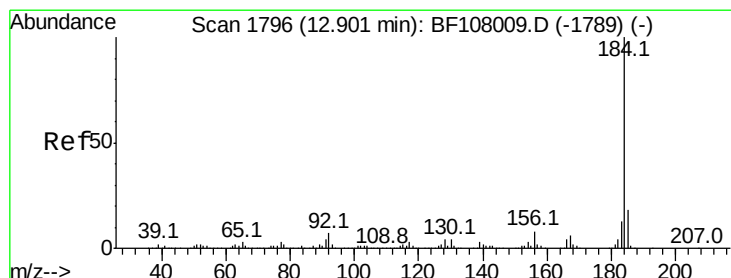
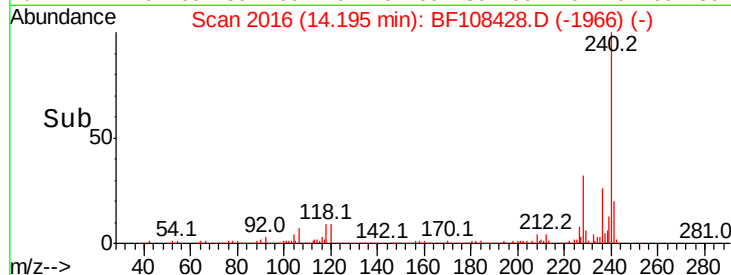
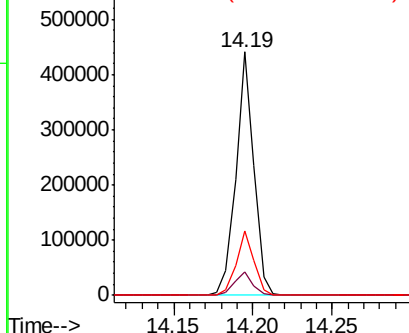


Abundance

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: 38.988 ng

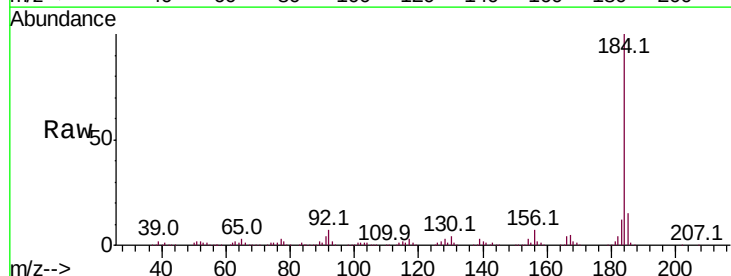
RT: 12.88 min Scan# 1792

Delta R.T. -0.01 min

Lab File: BF108428.D

Acq: 23 Aug 2018 18:43

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

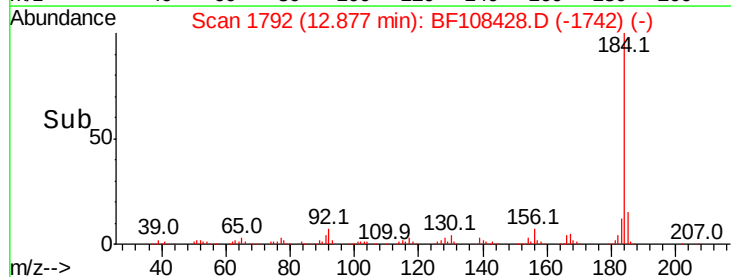
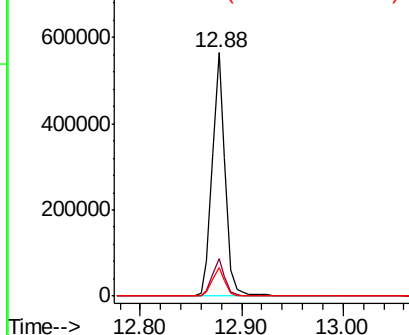


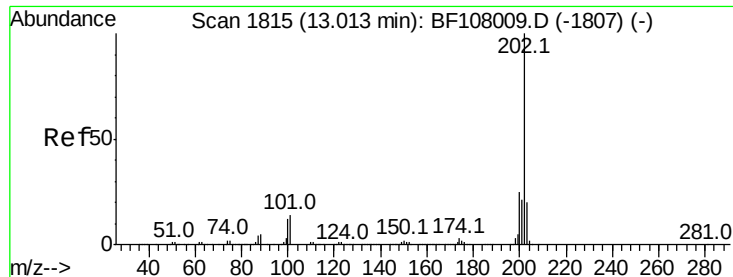
Abundance

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





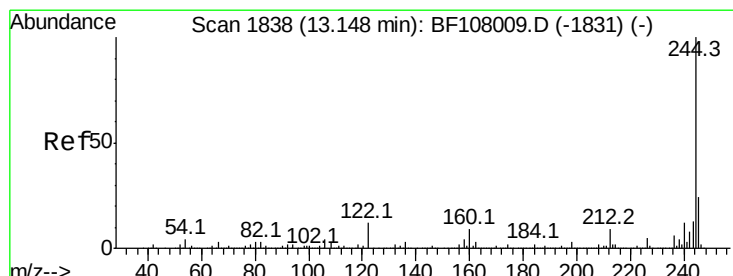
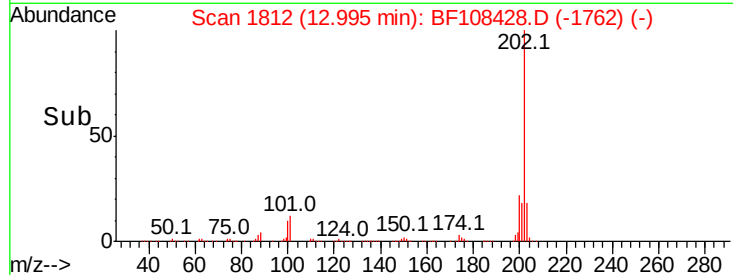
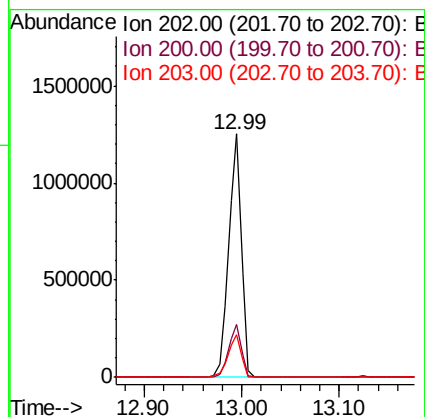
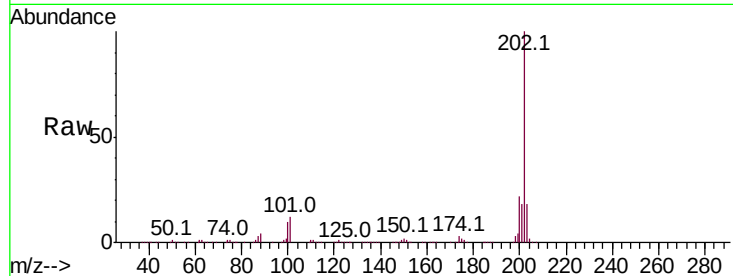
#77
Pvrene
Concen: 51.852 ng
RT: 12.99 min Scan# 1812
Delta R.T. -0.01 min
Lab File: BF108428.D
Acq: 23 Aug 2018 18:43

Instrument :
BNA_F
ClientSampleId :
PB112233BS

Tot Ion	Ratio	Lower	Upper
202	100		
200	22.0	17.4	26.2
203	17.6	14.3	21.5

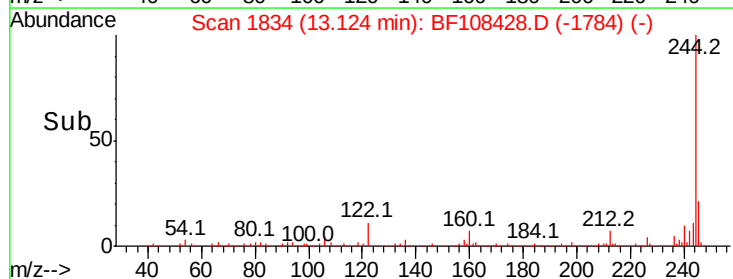
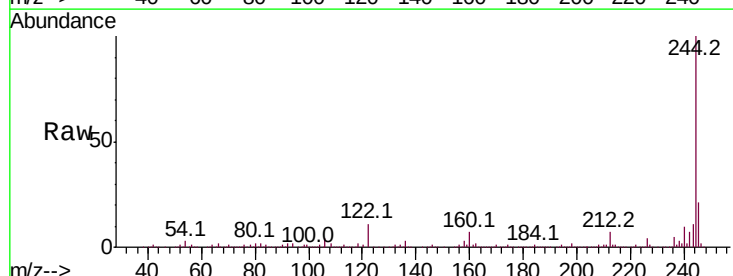
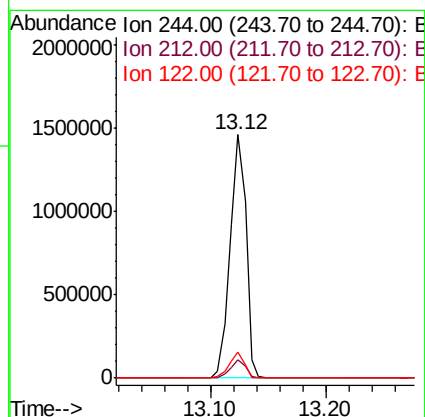
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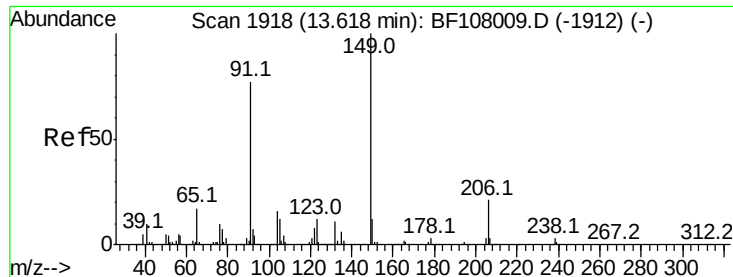
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#78
Terphenyl-d14
Concen: 103.075 ng
RT: 13.12 min Scan# 1834
Delta R.T. -0.01 min
Lab File: BF108428.D
Acq: 23 Aug 2018 18:43

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.4	5.4	8.0
122	10.8	11.0	16.4





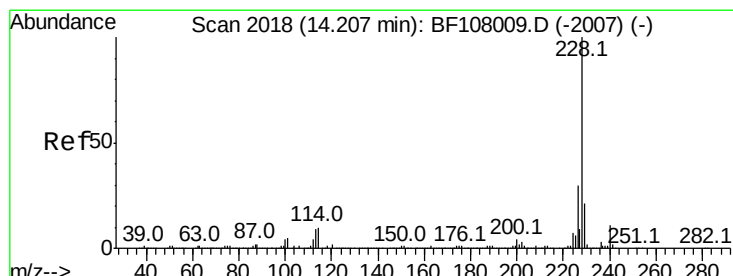
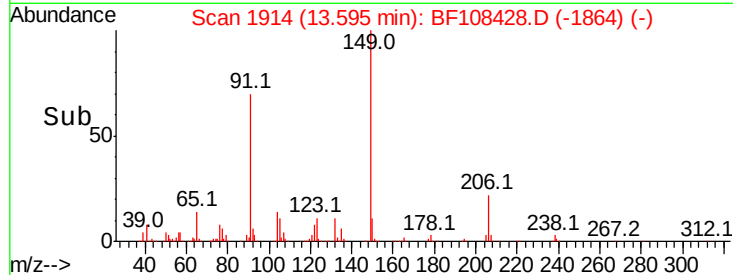
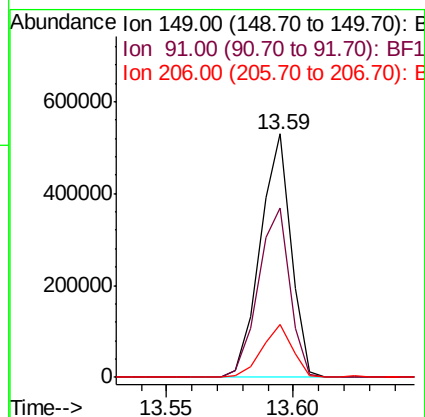
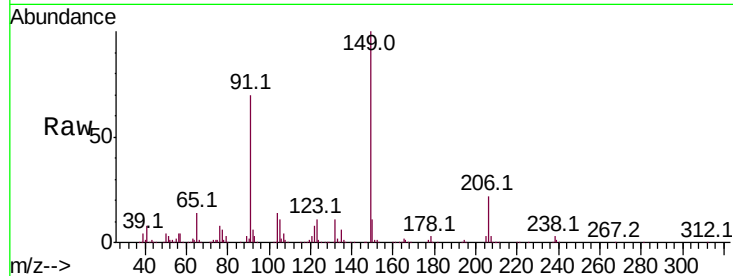
#79
Butylbenzylphthalate
Concen: 52.091 ng
RT: 13.59 min Scan# 1914
Delta R.T. -0.01 min
Lab File: BF108428.D
Acq: 23 Aug 2018 18:43

Instrument :
BNA_F
ClientSampleId :
PB112233BS

Tot Ion	Ratio	Resp	Lower	Upper
149	100	450604		
91	69.6	56.8	85.2	
206	21.5	14.1	21.1	

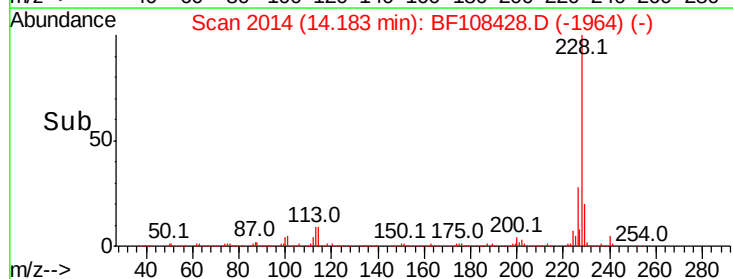
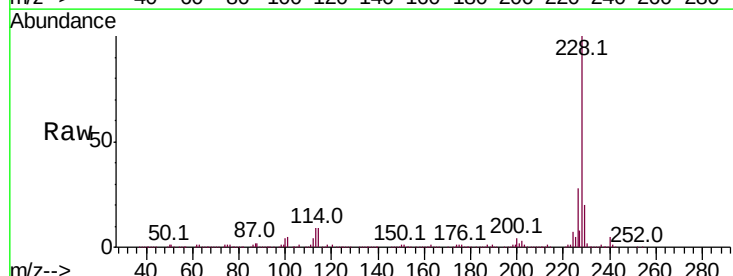
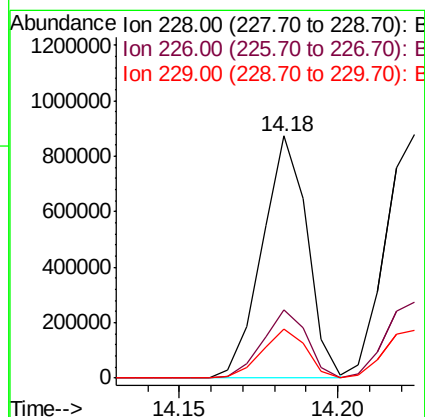
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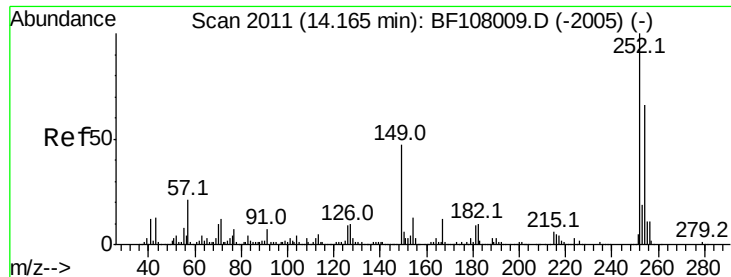
Sohil
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#80
Benzo(a)anthracene
Concen: 43.627 ng
RT: 14.18 min Scan# 2014
Delta R.T. -0.01 min
Lab File: BF108428.D
Acq: 23 Aug 2018 18:43

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	861508		
226	28.2	22.6	33.8	
229	20.1	15.8	23.6	





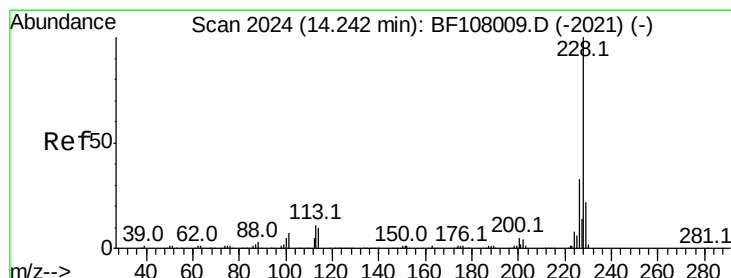
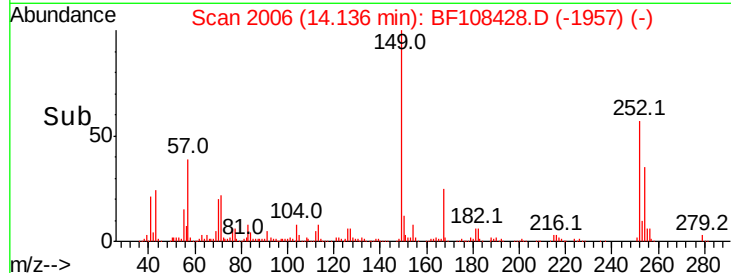
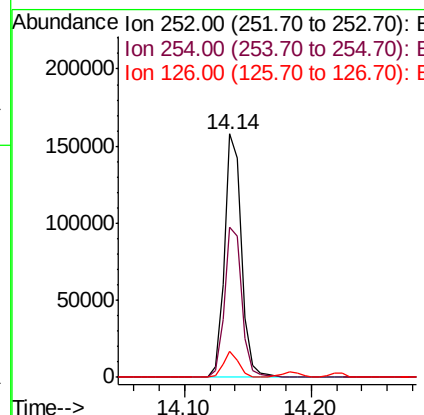
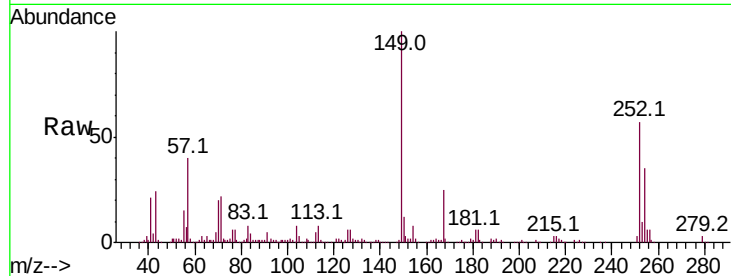
#81
 3,3'-Dichlorobenzidine
 Concen: 21.081 ng
 RT: 14.14 min Scan# 2006
 Delta R.T. -0.01 min
 Lab File: BF108428.D
 Acq: 23 Aug 2018 18:43

Instrument :
 BNA_F
 ClientSampleId :
 PB112233BS

Tot Ion	Ratio	Resp Lower	Resp Upper
252	100		
254	61.8	50.4	75.6
126	10.8	11.3	16.9

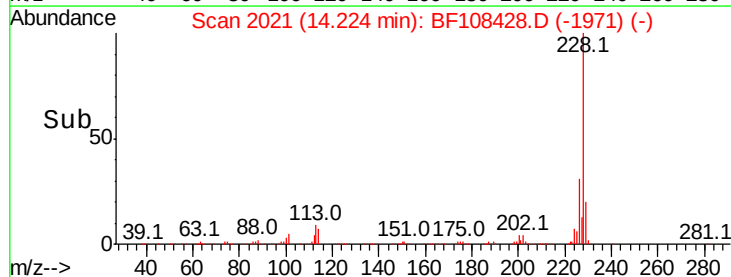
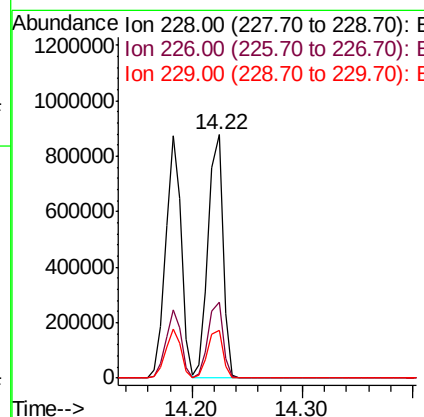
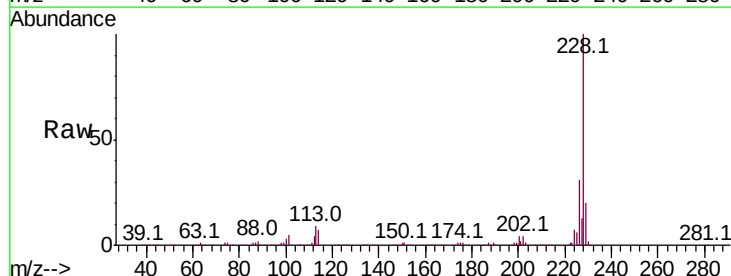
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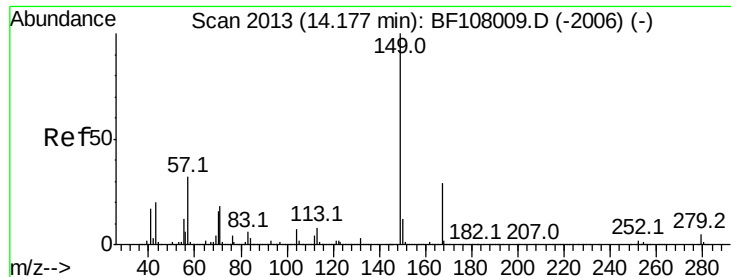
Sohil
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#82
 Chrysene
 Concen: 43.915 ng
 RT: 14.22 min Scan# 2021
 Delta R.T. -0.01 min
 Lab File: BF108428.D
 Acq: 23 Aug 2018 18:43

Tgt Ion	Ratio	Resp Lower	Resp Upper
228	100		
226	31.4	25.0	37.6
229	19.7	16.2	24.4





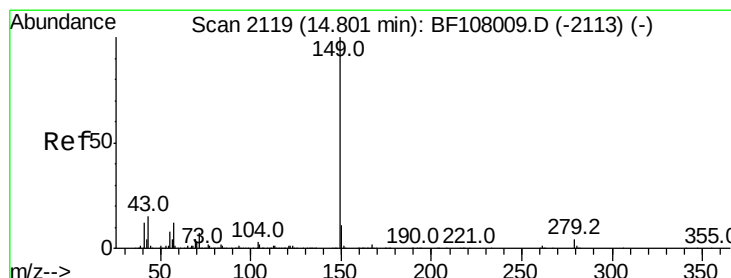
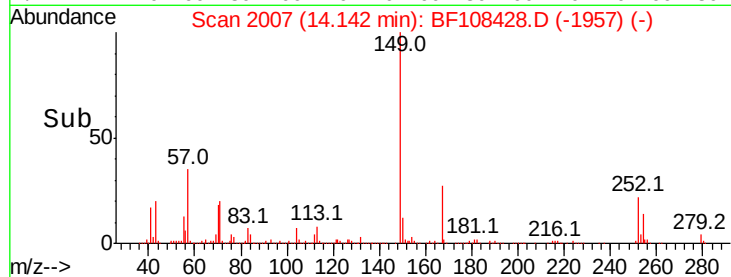
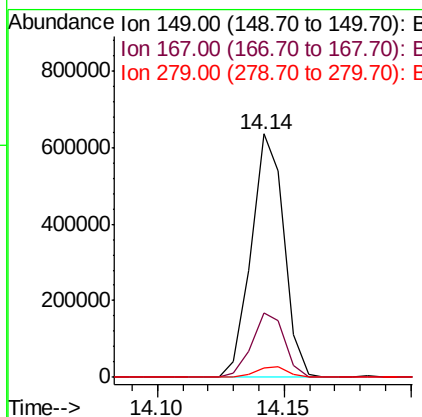
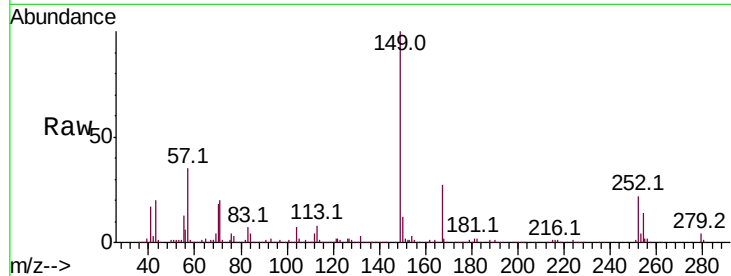
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 48.700 ng
 RT: 14.14 min Scan# 2007
 Delta R.T. -0.01 min
 Lab File: BF108428.D
 Acq: 23 Aug 2018 18:43

Instrument :
 BNA_F
 ClientSampleId :
 PB112233BS

Tot Ion	Ratio	Lower	Upper
149	100		
167	26.6	21.3	31.9
279	3.8	3.0	4.4

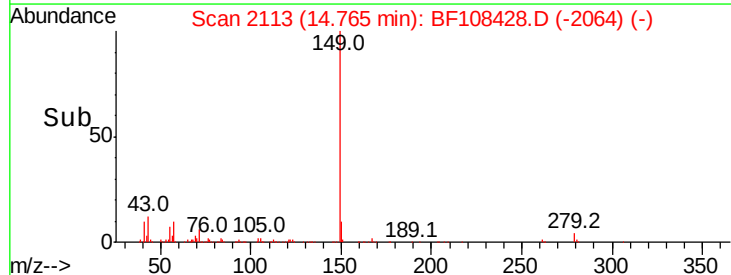
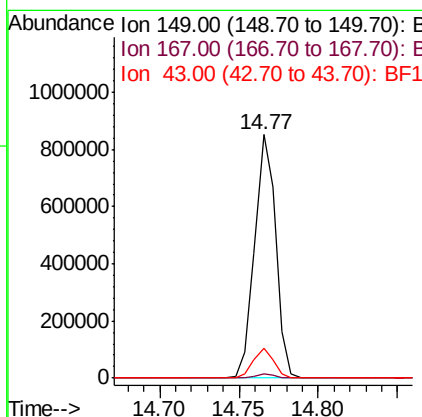
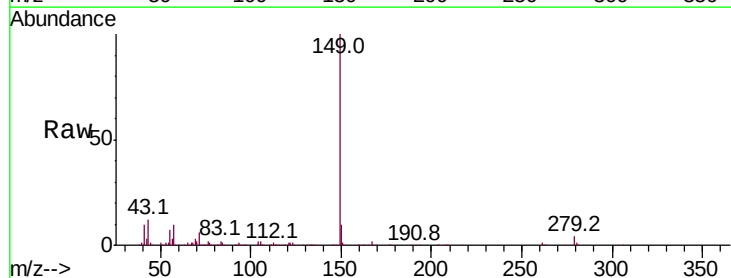
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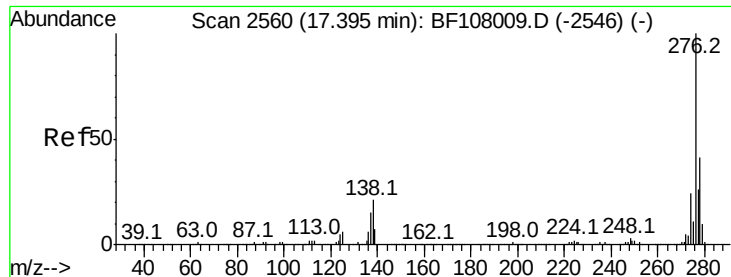
Sohil
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#84
 Di-n-octyl phthalate
 Concen: 44.372 ng
 RT: 14.77 min Scan# 2113
 Delta R.T. -0.01 min
 Lab File: BF108428.D
 Acq: 23 Aug 2018 18:43

Tgt Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.2	1.8
43	11.7	8.4	12.6





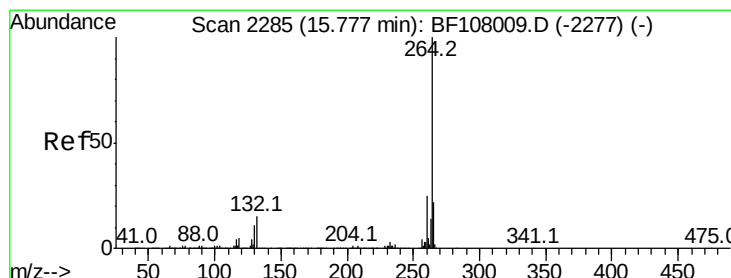
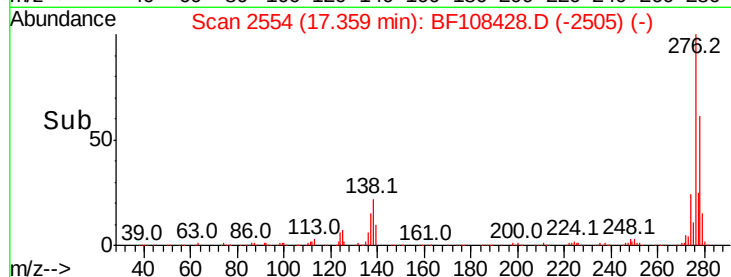
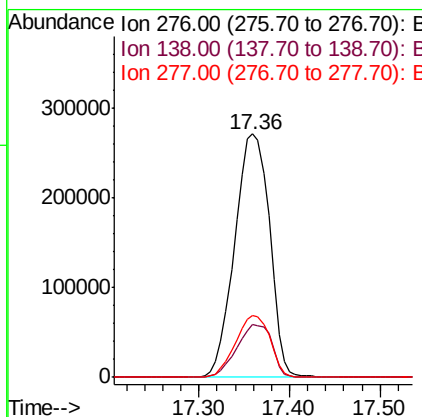
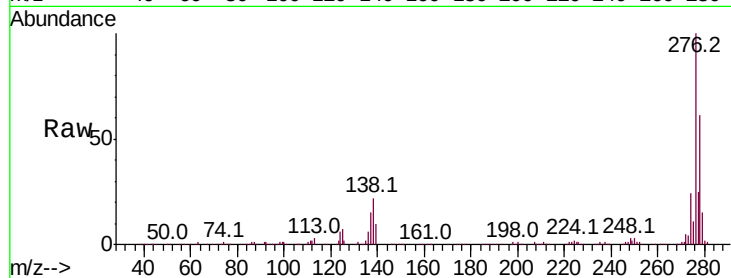
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 46.441 ng
 RT: 17.36 min Scan# 2554
 Delta R.T. -0.01 min
 Lab File: BF108428.D
 Acq: 23 Aug 2018 18:43

Instrument :
 BNA_F
 ClientSampleId :
 PB112233BS

Tot Ion	Ratio	Resp	Lower	Upper
276	100			
138	22.0	25.0	37.6	
277	25.1	20.1	30.1	

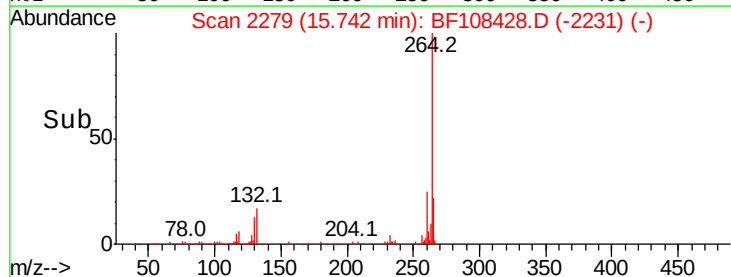
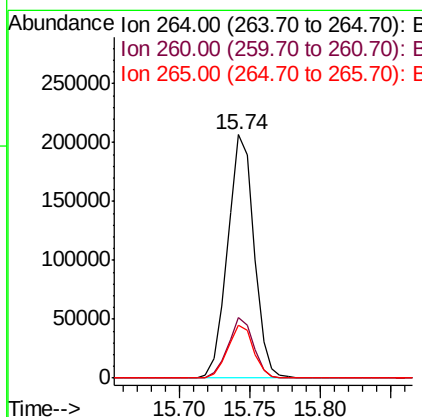
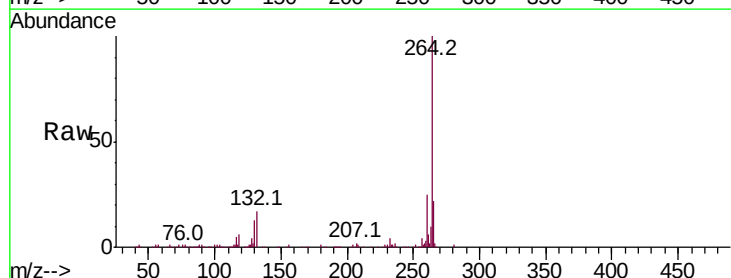
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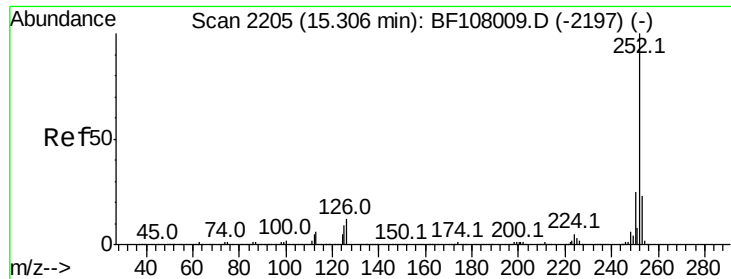
Sohil
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#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.74 min Scan# 2279
 Delta R.T. -0.02 min
 Lab File: BF108428.D
 Acq: 23 Aug 2018 18:43

Tgt Ion	Ratio	Resp	Lower	Upper
264	100			
260	24.7	19.2	28.8	
265	21.6	17.5	26.3	





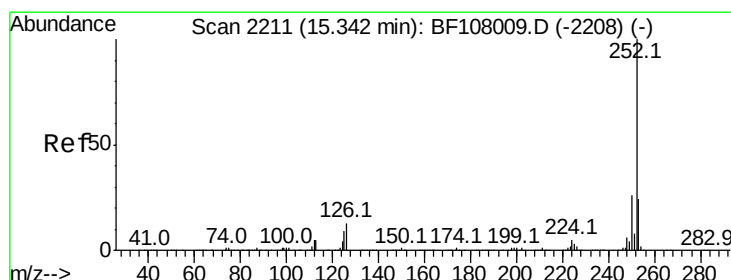
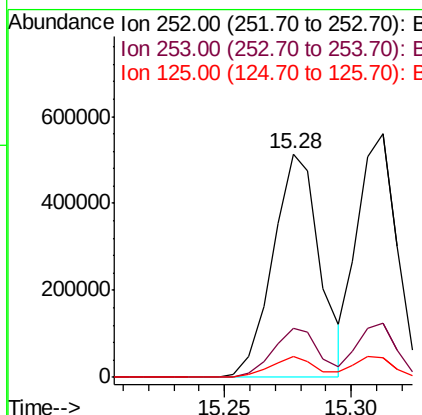
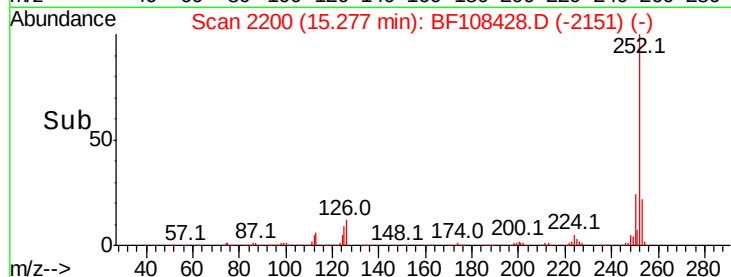
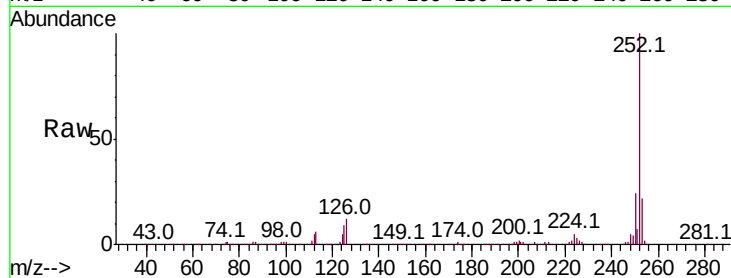
#87
Benzo(b)fluoranthene
Concen: 41.376 ng
RT: 15.28 min Scan# 2200
Delta R.T. -0.01 min
Lab File: BF108428.D
Acq: 23 Aug 2018 18:43

Instrument :
BNA_F
ClientSampleId :
PB112233BS

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.0	17.0	25.6
125	9.2	9.0	13.6

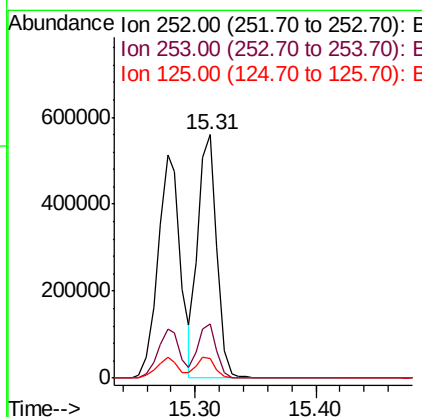
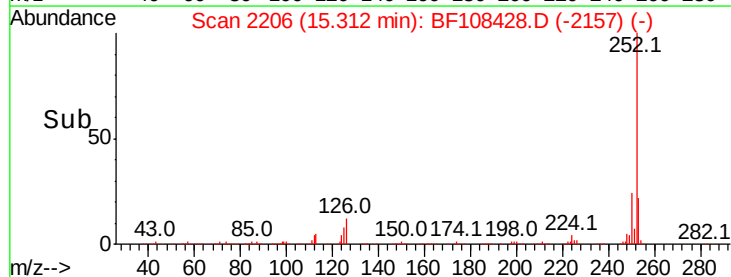
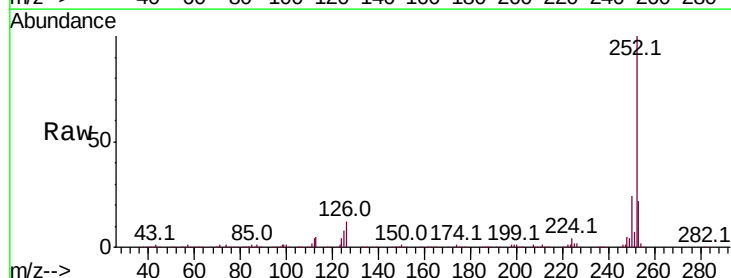
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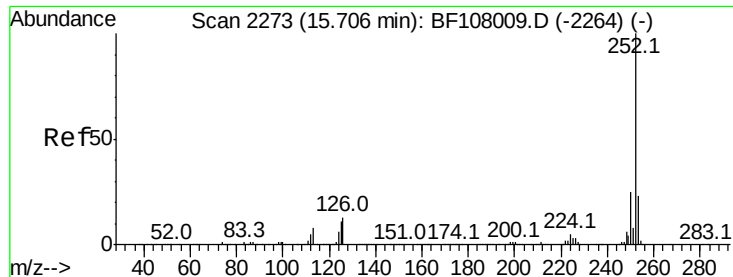
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#88
Benzo(k)fluoranthene
Concen: 41.110 ng
RT: 15.31 min Scan# 2206
Delta R.T. -0.01 min
Lab File: BF108428.D
Acq: 23 Aug 2018 18:43

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.5	17.9	26.9
125	8.3	10.2	15.2#





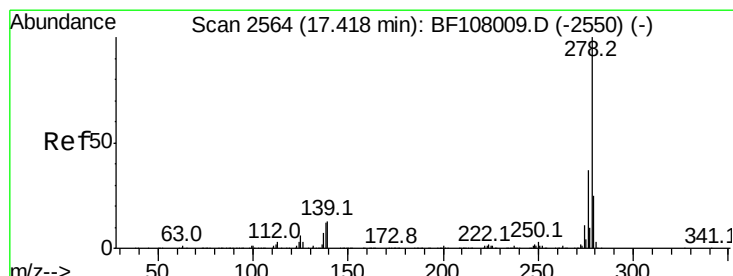
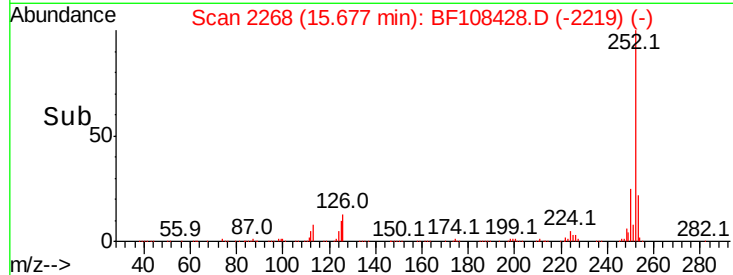
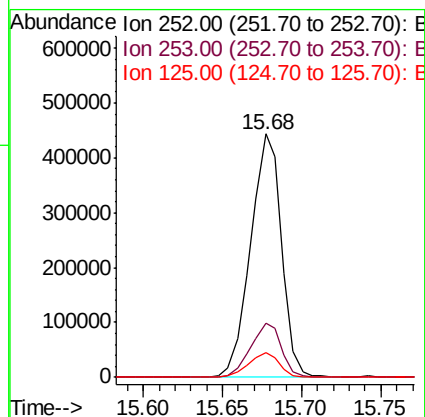
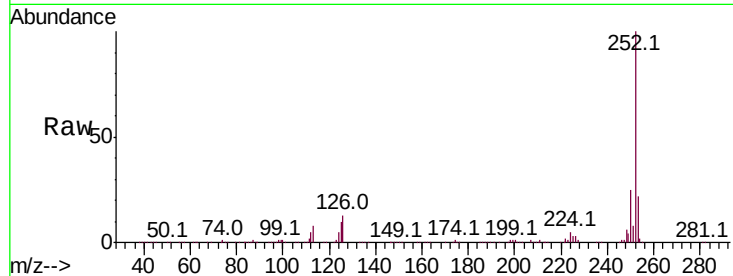
#89
Benzo(a)pyrene
Concen: 41.736 ng
RT: 15.68 min Scan# 2268
Delta R.T. -0.01 min
Lab File: BF108428.D
Acq: 23 Aug 2018 18:43

Instrument :
BNA_F
ClientSampleId :
PB112233BS

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.2	17.1	25.7
125	10.2	9.8	14.6

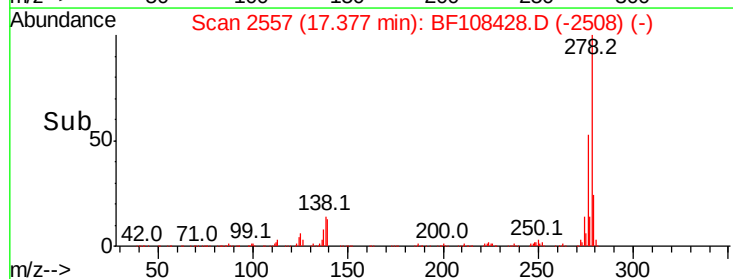
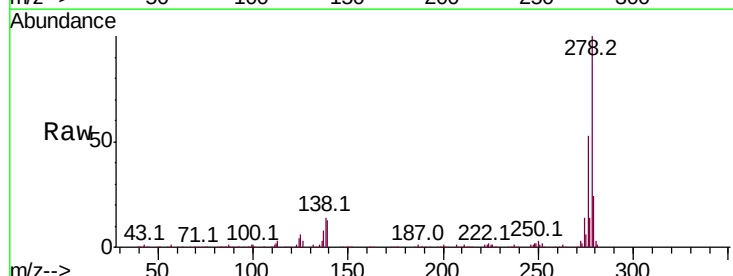
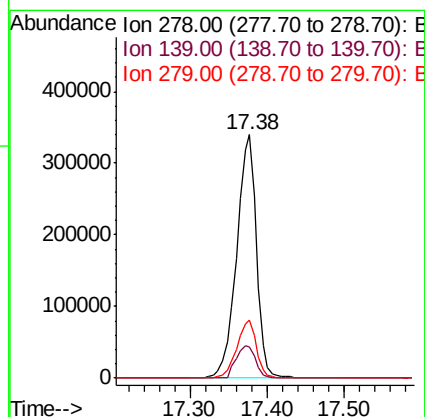
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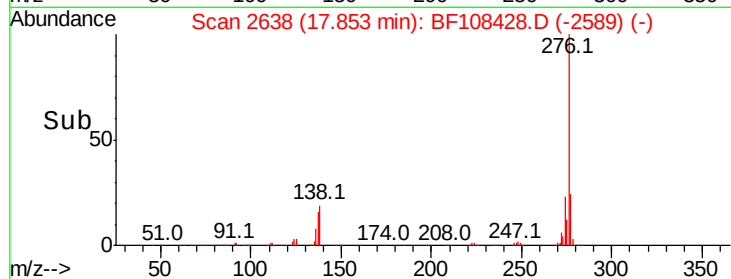
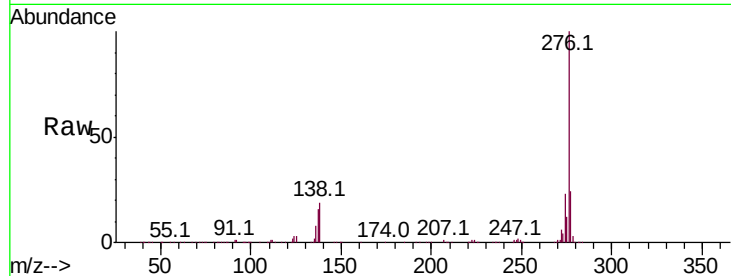
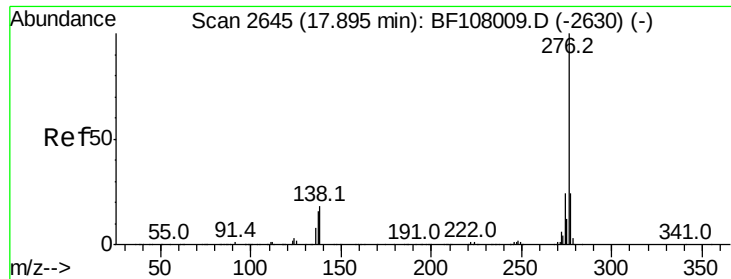
Sohil
8/24/2018 12:14:05 PM



#90
Dibenzo(a,h)anthracene
Concen: 51.187 ng
RT: 17.38 min Scan# 2557
Delta R.T. -0.01 min
Lab File: BF108428.D
Acq: 23 Aug 2018 18:43

Tgt Ion	Ratio	Lower	Upper
278	100		
139	12.7	15.9	23.9#
279	23.6	19.0	28.4





#91
 Benzo(a,h,i)perylene
 Concen: 52.761 ng
 RT: 17.85 min Scan# 2638
 Delta R.T. -0.01 min
 Lab File: BF108428.D
 Acq: 23 Aug 2018 18:43

Instrument :
 BNA_F
 ClientSampleId :
 PB112233BS

Tot Ion	Ratio	Resp Lower	Resp Upper
276	100		
277	24.0	17.9	26.9
138	19.0	21.8	32.8

Manual Integrations
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Sohil
 8/24/2018 12:14:05 PM

