

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082318\
 Data File : BF108420.D
 Acq On : 23 Aug 2018 11:49
 Operator : JU/SJ
 Sample : PB112242BS
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB112242BS

Manual Integrations
 APPROVED

Sohil
 8/24/2018 12:13:55 PM

Quant Time: Aug 23 12:27:27 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	146935	20.00	ng	0.00
21) Naphthalene-d8	8.28	136	555982	20.00	ng	0.00
38) Acenaphthene-d10	10.05	164	283279	20.00	ng	0.00
63) Phenanthrene-d10	11.55	188	568776	20.00	ng	0.00
75) Chrysene-d12	14.20	240	410604	20.00	ng	0.00
86) Perylene-d12	15.75	264	283631	20.00	ng	-0.01

System Monitoring Compounds

5) 2-Fluorophenol	5.64	112	1000625	123.29	ng	0.01
7) Phenol-d6	6.63	99	1363990	126.47	ng	0.00
23) Nitrobenzene-d5	7.57	82	905572	90.89	ng	0.00
41) 2,4,6-Tribromophenol	10.85	330	422903	149.67	ng	0.00
44) 2-Fluorobiphenyl	9.36	172	1738574	98.53	ng	0.00
78) Terphenyl-d14	13.13	244	1857592	115.03	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.02	88	134262	32.195	ng	90
3) Pyridine	3.76	79	390130	36.316	ng	85
4) n-Nitrosodimethylamine	3.73	42	218038	36.071	ng	# 82
6) Aniline	6.67	93	430524	29.347	ng	96
8) 2-Chlorophenol	6.79	128	389016	42.559	ng	94
9) Benzaldehyde	6.55	77	245846	29.401	ng	95
10) Phenol	6.64	94	498806	44.713	ng	91
11) bis(2-Chloroethyl)ether	6.74	93	374131	41.483	ng	94
12) 1,3-Dichlorobenzene	6.94	146	434595	41.119	ng	99
13) 1,4-Dichlorobenzene	7.02	146	439159	41.356	ng	98
14) 1,2-Dichlorobenzene	7.17	146	412915	41.804	ng	99
15) Benzyl Alcohol	7.14	79	352109	38.782	ng	95
16) 2,2'-oxybis(1-Chloropropan	7.27	45	710852	38.259	ng	99
17) 2-Methylphenol	7.25	107	353871	45.144	ng	94
18) Hexachloroethane	7.51	117	158671	41.971	ng	92
19) n-Nitroso-di-n-propylamine	7.41	70	297763	40.828	ng	89
20) 3+4-Methylphenols	7.40	107	422717	42.082	ng	# 75
22) Acetophenone	7.41	105	559739	43.056	ng	# 90
24) Nitrobenzene	7.58	77	441088	43.779	ng	95
25) Isophorone	7.82	82	818721	43.111	ng	97
26) 2-Nitrophenol	7.90	139	200484	52.691	ng	93
27) 2,4-Dimethylphenol	7.93	122	381848	45.303	ng	96
28) bis(2-Chloroethoxy)methane	8.02	93	492410	44.415	ng	99
29) 2,4-Dichlorophenol	8.14	162	365020	47.059	ng	96
30) 1,2,4-Trichlorobenzene	8.22	180	378113	44.213	ng	97
31) Naphthalene	8.31	128	1152384	45.576	ng	99
32) Benzoic acid	8.05	122	166274	35.738	ng	91
33) 4-Chloroaniline	8.35	127	237889	21.589	ng	98
34) Hexachlorobutadiene	8.41	225	243227	44.927	ng	100
35) Caprolactam	8.73	113	105441m	43.378	ng	
36) 4-Chloro-3-methylphenol	8.84	107	385894	46.117	ng	100
37) 2-Methylnaphthalene	9.00	142	807662	45.148	ng	98
39) 1,2,4,5-Tetrachlorobenzene	9.17	216	405708	46.637	ng	98
40) Hexachlorocyclopentadiene	9.15	237	415165	73.887	ng	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.28	196	267841	49.616	nq	99
43) 2,4,5-Trichlorophenol	9.32	196	291010	48.971	nq	96
45) 1,1'-Biphenyl	9.47	154	989187	47.361	nq	98
46) 2-Chloronaphthalene	9.50	162	763091	46.227	nq	98
47) 2-Nitroaniline	9.59	65	255951	47.920	nq	90
48) Acenaphthylene	9.91	152	1231987	47.207	nq	99
49) Dimethylphthalate	9.77	163	928093	47.033	nq	# 99
50) 2,6-Dinitrotoluene	9.83	165	204908	49.633	nq	98
51) Acenaphthene	10.08	154	720255	45.060	nq	98
52) 3-Nitroaniline	10.00	138	127659	28.262	nq	95
53) 2,4-Dinitrophenol	10.11	184	118211	76.816	nq	# 22
54) Dibenzofuran	10.26	168	1075864	46.457	nq	99
55) 4-Nitrophenol	10.17	139	284348	83.129	nq	87
56) 2,4-Dinitrotoluene	10.24	165	274442	51.644	nq	# 93
57) Fluorene	10.60	166	862059	47.024	nq	99
58) 2,3,4,6-Tetrachlorophenol	10.37	232	246064	49.541	nq	# 85
59) Diethylphthalate	10.46	149	900788	47.142	nq	97
60) 4-Chlorophenyl-phenylether	10.59	204	447834	46.882	nq	# 88
61) 4-Nitroaniline	10.62	138	204610	45.816	nq	92
62) Azobenzene	10.75	77	903565	45.789	nq	94
64) 4,6-Dinitro-2-methylphenol	10.65	198	92991	44.045	nq	93
65) n-Nitrosodiphenylamine	10.71	169	777131	46.236	nq	97
66) 4-Bromophenyl-phenylether	11.08	248	291619	47.179	nq	# 83
67) Hexachlorobenzene	11.15	284	304365	46.800	nq	# 85
68) Atrazine	11.23	200	268253	47.584	nq	97
69) Pentachlorophenol	11.35	266	273784	87.953	nq	99
70) Phenanthrene	11.57	178	1242761	46.325	nq	99
71) Anthracene	11.62	178	1280617	46.575	nq	99
72) Carbazole	11.78	167	1091686	44.687	nq	99
73) Di-n-butylphthalate	12.09	149	1369982	49.510	nq	99
74) Fluoranthene	12.77	202	1325889	45.285	nq	96
76) Benzidine	12.88	184	624451	40.704	nq	98
77) Pyrene	13.00	202	1320223	50.787	nq	99
79) Butylbenzylphthalate	13.60	149	563029	54.544	nq	# 95
80) Benzo(a)anthracene	14.19	228	1103431	46.826	nq	98
81) 3,3'-Dichlorobenzidine	14.14	252	182592	21.622	nq	# 96
82) Chrysene	14.23	228	1007851	46.652	nq	99
83) Bis(2-ethylhexyl)phthalate	14.15	149	771634	55.202	nq	99
84) Di-n-octyl phthalate	14.77	149	1207085	56.622	nq	97
85) Indeno(1,2,3-cd)pyrene	17.37	276	770198	41.146	nq	# 90
87) Benzo(b)fluoranthene	15.29	252	834470	49.237	nq	# 96
88) Benzo(k)fluoranthene	15.32	252	762043	48.913	nq	# 96
89) Benzo(a)pyrene	15.69	252	719315	47.396	nq	98
90) Dibenzo(a,h)anthracene	17.39	278	644213	51.303	nq	# 93
91) Benzo(g,h,i)perylene	17.87	276	647588	52.373	nq	# 91

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



#1

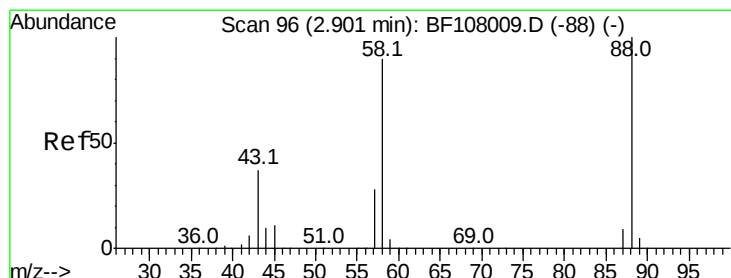
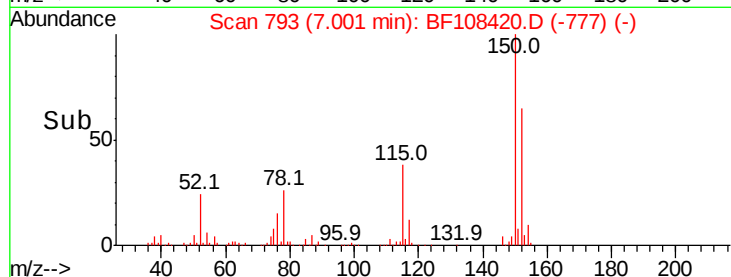
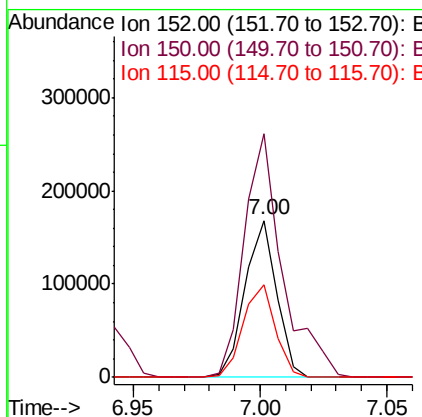
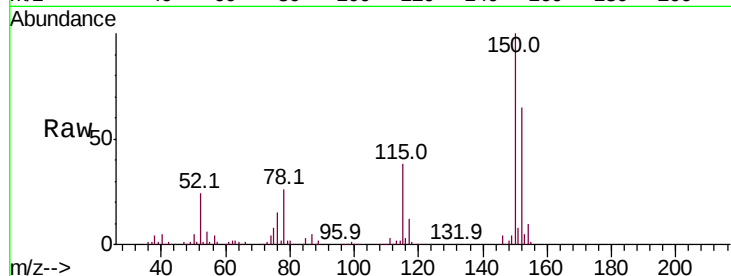
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.00 min Scan# 793
Delta R.T. -0.01 min
Lab File: BF108420.D
Acq: 23 Aug 2018 11:49

Instrument :
BNA_F
ClientSampleId :
PB112242BS

Tot Ion	Ratio	Lower	Upper
152	100		
150	155.0	124.6	186.8
115	59.0	50.1	75.1

Manual Integrations
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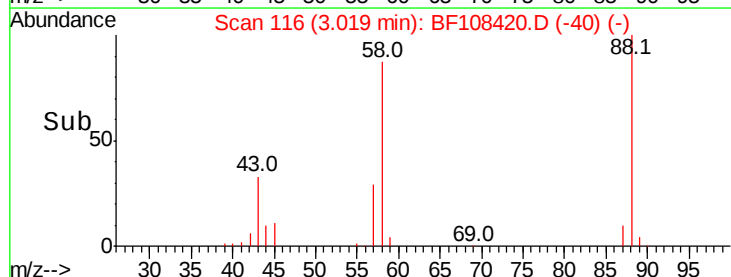
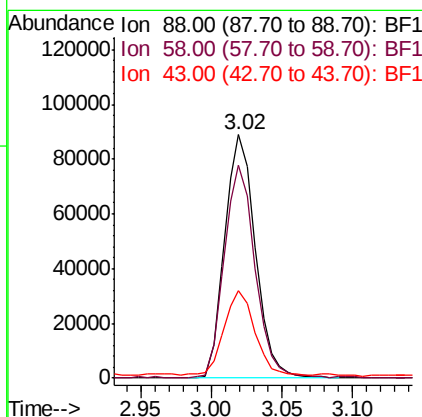
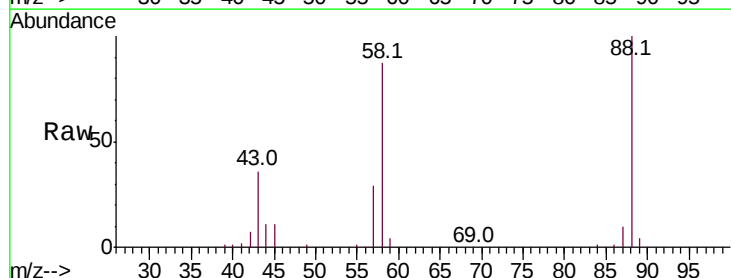
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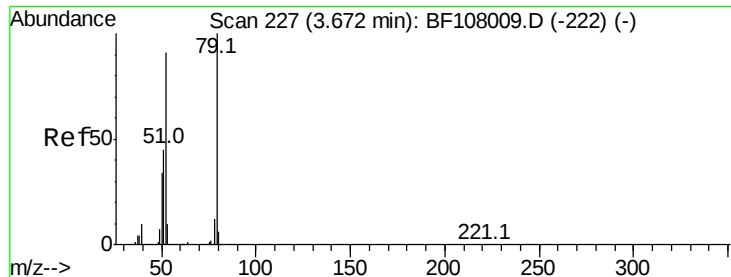


#2

1,4-Dioxane
Concen: 32.195 ng
RT: 3.02 min Scan# 116
Delta R.T. 0.15 min
Lab File: BF108420.D
Acq: 23 Aug 2018 11:49

Tgt Ion	Ratio	Lower	Upper
88	100		
58	88.7	62.6	93.8
43	33.9	24.6	37.0





#3

Pvridine

Concen: 36.316 ng

RT: 3.76 min Scan# 242

Delta R.T. 0.10 min

Lab File: BF108420.D

Acq: 23 Aug 2018 11:49

Instrument :

BNA_F

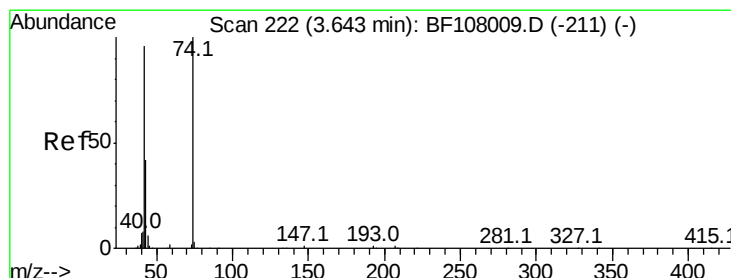
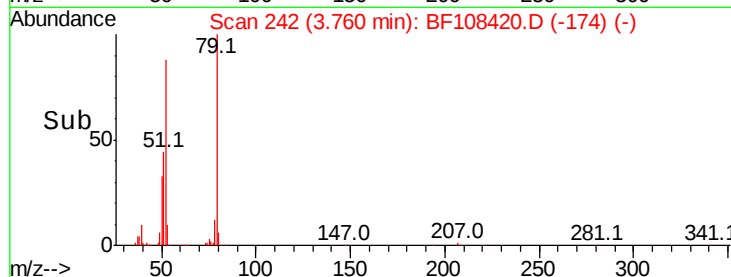
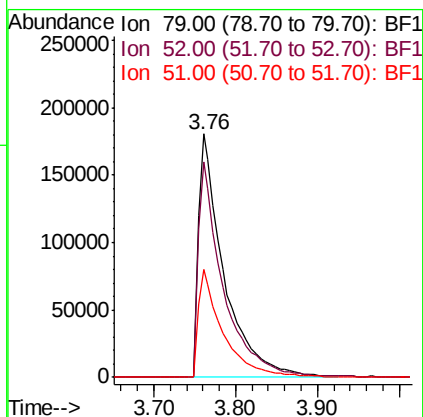
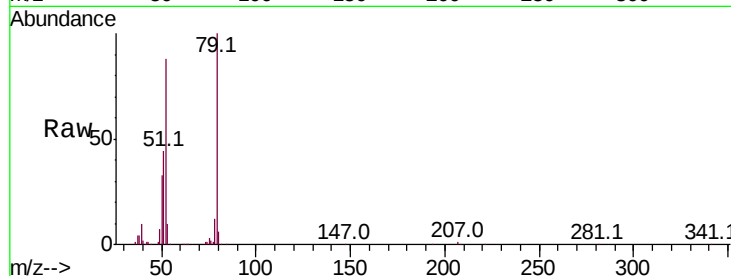
ClientSampleId :

PB112242BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
79	100		390130		
52	88.3	59.8		89.6	
51	44.4	29.8		44.8	

Manual Integrations
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#4

n-Nitrosodimethylamine

Concen: 36.071 ng

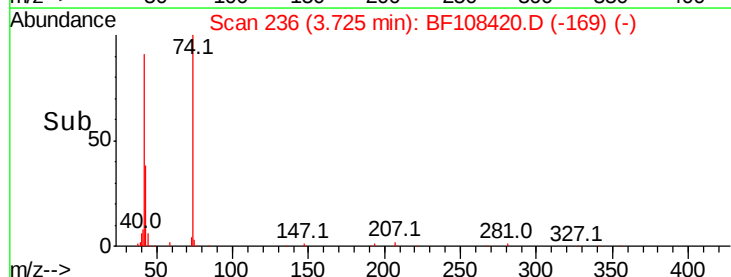
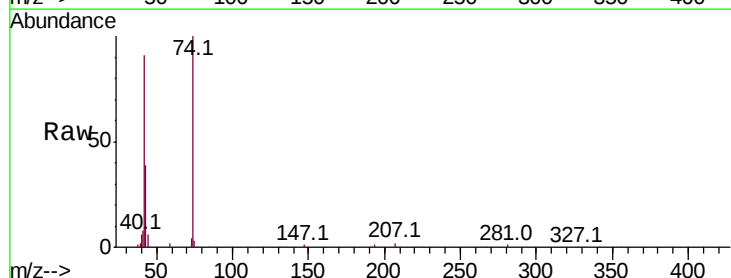
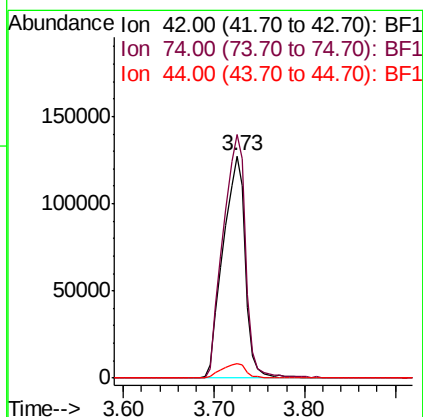
RT: 3.73 min Scan# 236

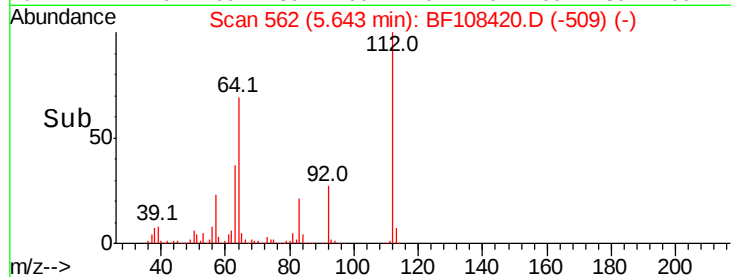
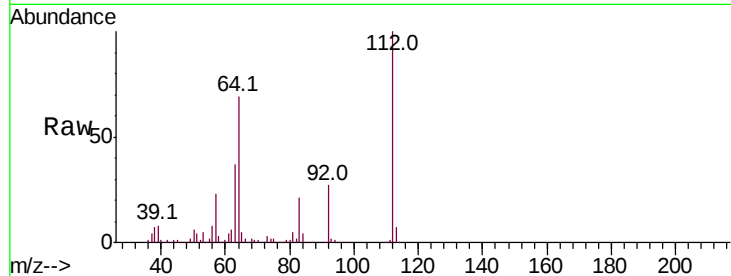
Delta R.T. 0.09 min

Lab File: BF108420.D

Acq: 23 Aug 2018 11:49

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
42	100		218038		
74	109.6	104.9		157.3	
44	6.5	6.9		10.3#	





#5

2-Fluorophenol

Concen: 123.292 ng

RT: 5.64 min Scan# 562

Delta R.T. 0.01 min

Lab File: BF108420.D

Acq: 23 Aug 2018 11:49

Instrument :

BNA_F

ClientSampleId :

PB112242BS

Tot Ion:112 Resp: 1000625

Ion Ratio Lower Upper

112 100

64 69.3 47.9 71.9

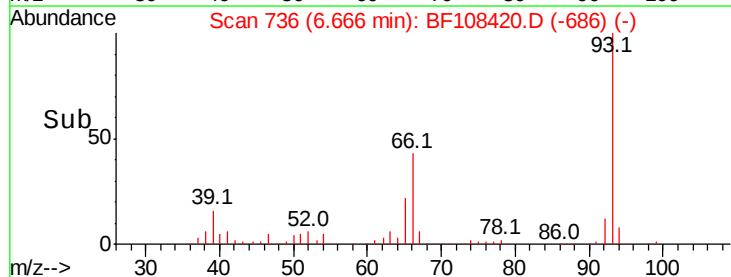
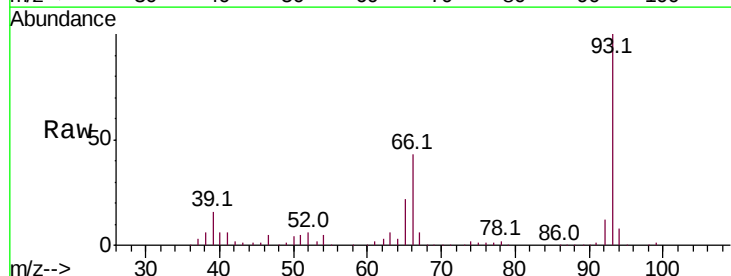
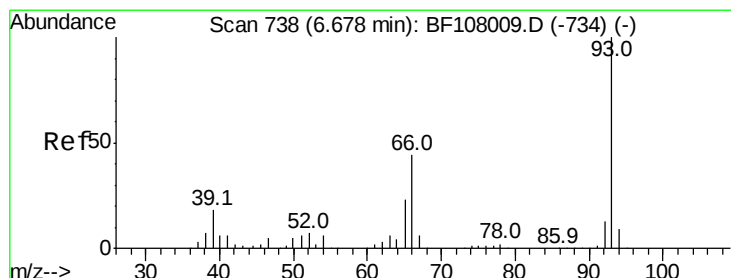
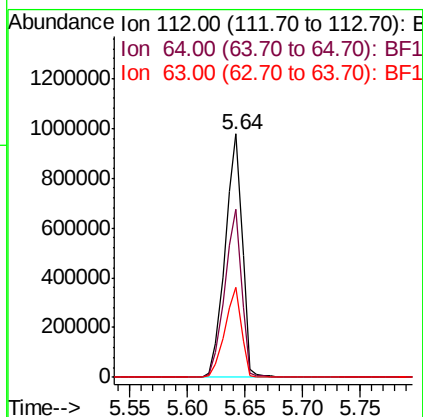
63 36.9 23.7 35.5#

Manual Integrations

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#6

Aniline

Concen: 29.347 ng

RT: 6.67 min Scan# 736

Delta R.T. -0.01 min

Lab File: BF108420.D

Acq: 23 Aug 2018 11:49

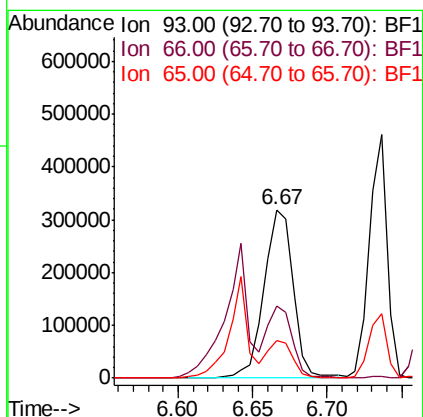
Tgt Ion: 93 Resp: 430524

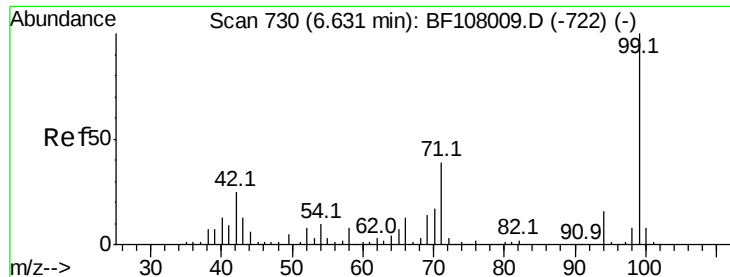
Ion Ratio Lower Upper

93 100

66 42.5 32.2 48.2

65 22.4 16.4 24.6





#7

Phenol-d6

Concen: 126.471 ng

RT: 6.63 min Scan# 730

Delta R.T. -0.00 min

Lab File: BF108420.D

Acq: 23 Aug 2018 11:49

Instrument :

BNA_F

ClientSampleId :

PB112242BS

Tot Ion: 99 Resp: 1363990

Ion Ratio Lower Upper

99 100

42 22.8 14.5 21.7#

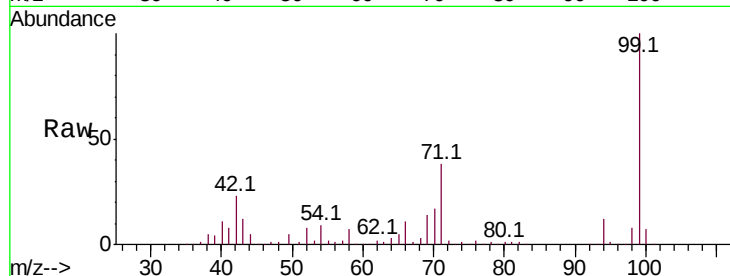
71 37.6 25.4 38.0

Manual Integrations

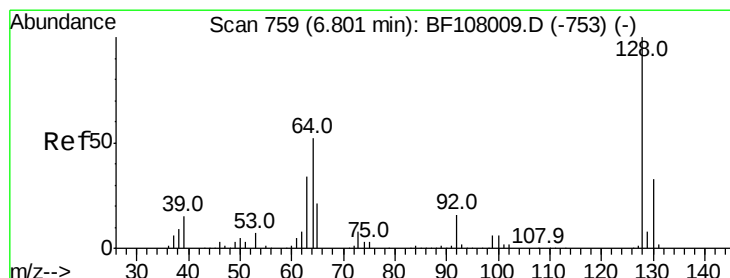
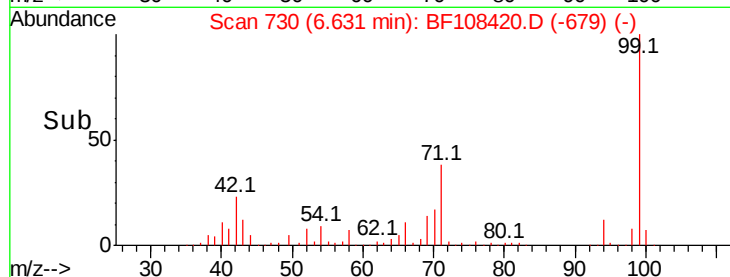
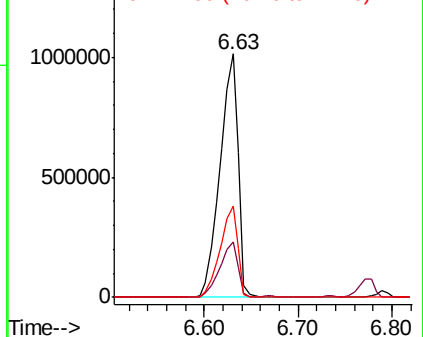
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Abundance Ion 99.00 (98.70 to 99.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 71.00 (70.70 to 71.70): BF1



#8

2-Chlorophenol

Concen: 42.559 ng

RT: 6.79 min Scan# 757

Delta R.T. -0.01 min

Lab File: BF108420.D

Acq: 23 Aug 2018 11:49

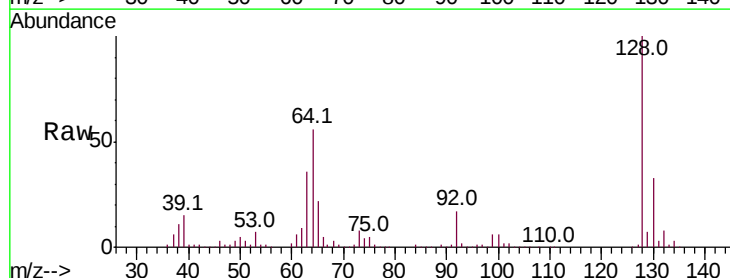
Tgt Ion:128 Resp: 389016

Ion Ratio Lower Upper

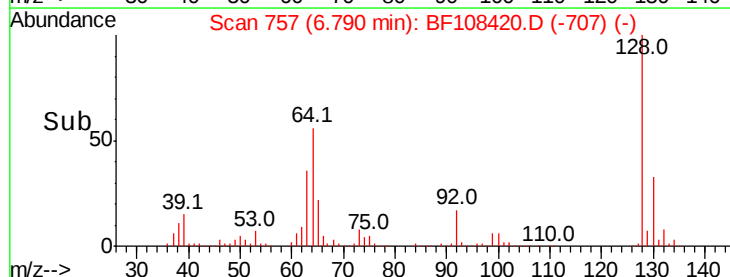
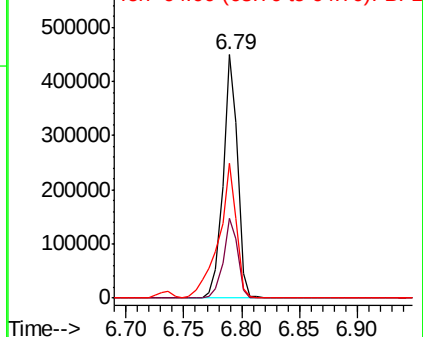
128 100

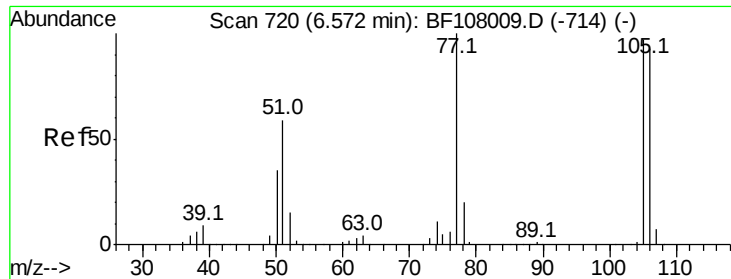
130 32.5 13.0 53.0

64 55.6 29.4 69.4



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





#9

Benzaldehyde

Concen: 29.401 ng

RT: 6.55 min Scan# 717

Delta R.T. -0.01 min

Lab File: BF108420.D

Acq: 23 Aug 2018 11:49

Instrument :

BNA_F

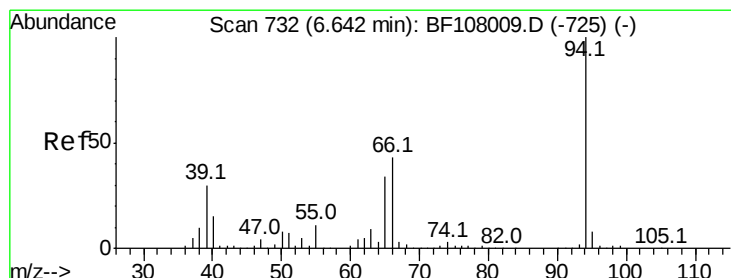
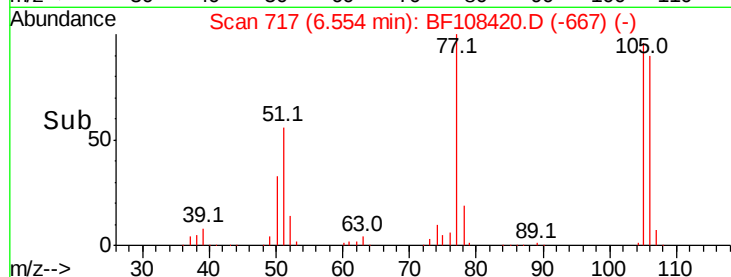
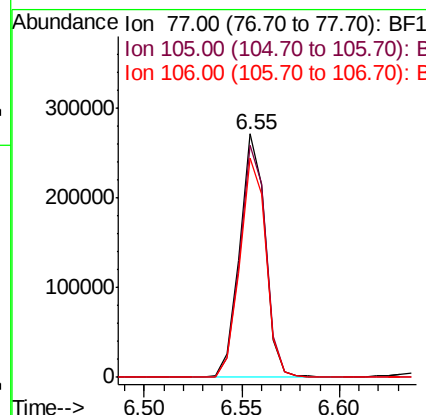
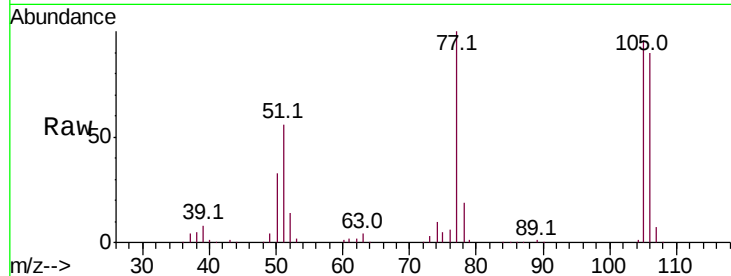
ClientSampleID :

PB112242BS

Tot Ion:	77	Resp:	245846
Ion Ratio	Lower	Upper	
77	100		
105	95.6	81.1	121.1
106	90.3	74.5	114.5

Manual Integrations
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#10

Phenol

Concen: 44.713 ng

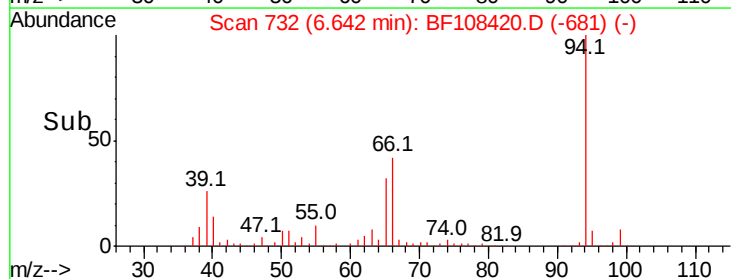
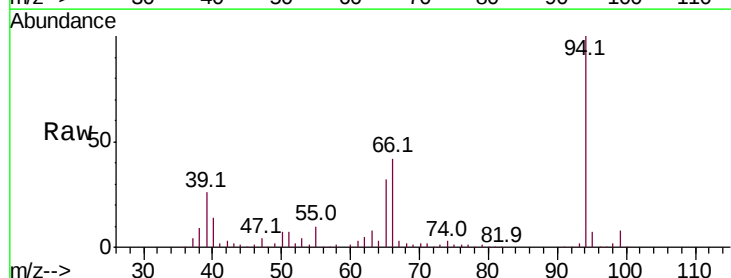
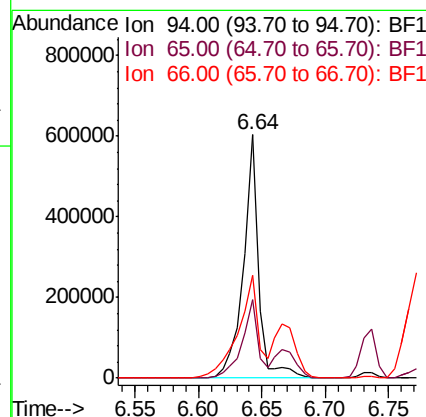
RT: 6.64 min Scan# 732

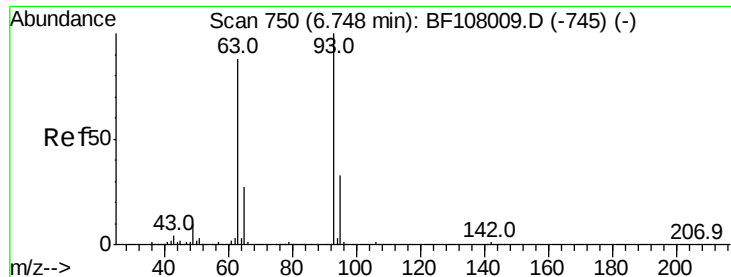
Delta R.T. -0.00 min

Lab File: BF108420.D

Acq: 23 Aug 2018 11:49

Tgt Ion:	94	Resp:	498806
Ion Ratio	Lower	Upper	
94	100		
65	32.0	7.9	47.9
66	42.3	16.2	56.2





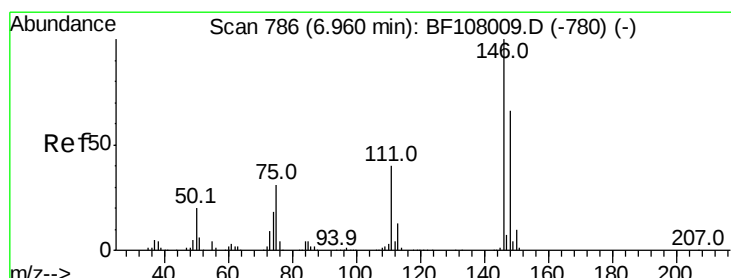
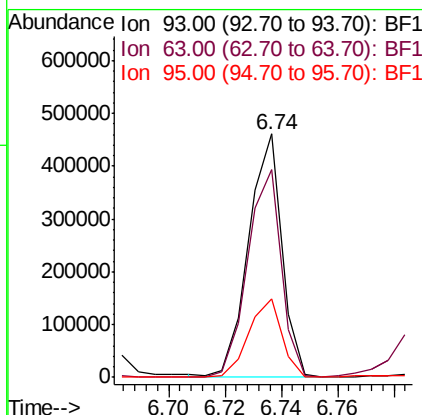
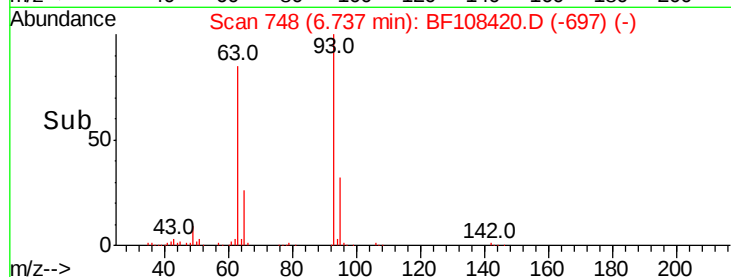
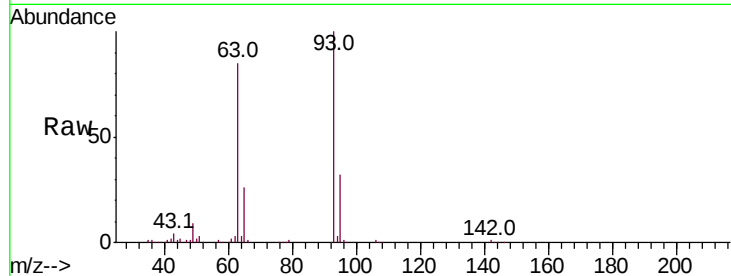
#11
bis(2-Chloroethyl)ether
Concen: 41.483 ng
RT: 6.74 min Scan# 748
Delta R.T. -0.00 min
Lab File: BF108420.D
Acq: 23 Aug 2018 11:49

Instrument :
BNA_F
ClientSampleId :
PB112242BS

Tot Ion	93	Resp	374131
Ion Ratio	100	Lower	Upper
93	100		
63	85.2	58.6	98.6
95	32.4	11.8	51.8

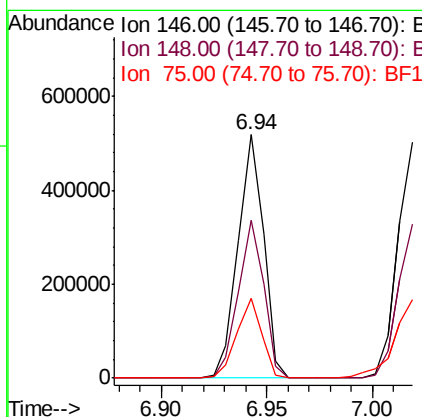
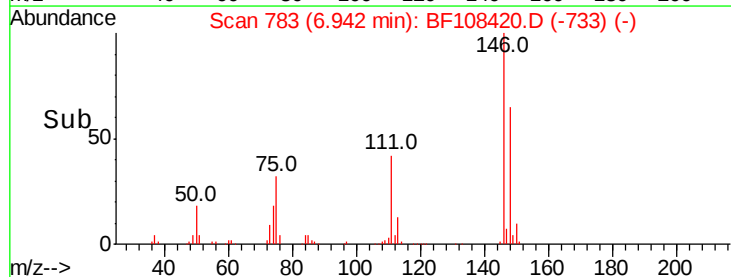
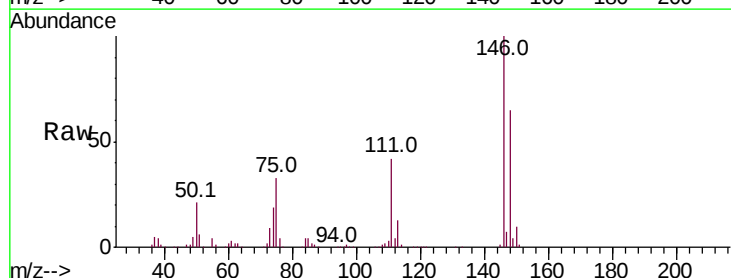
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#12
1,3-Dichlorobenzene
Concen: 41.119 ng
RT: 6.94 min Scan# 783
Delta R.T. -0.01 min
Lab File: BF108420.D
Acq: 23 Aug 2018 11:49

Tgt Ion	146	Resp	434595
Ion Ratio	100	Lower	Upper
146	100		
148	64.9	51.8	77.8
75	32.5	24.2	36.4





#13

1,4-Dichlorobenzene

Concen: 41.356 ng

RT: 7.02 min Scan# 796

Delta R.T. -0.01 min

Lab File: BF108420.D

Acq: 23 Aug 2018 11:49

Instrument :

BNA_F

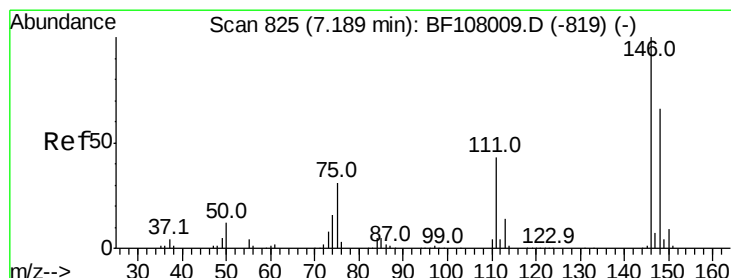
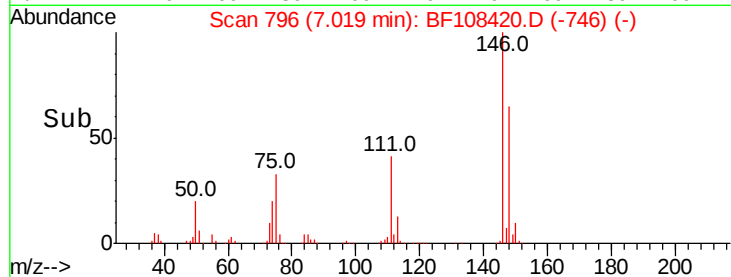
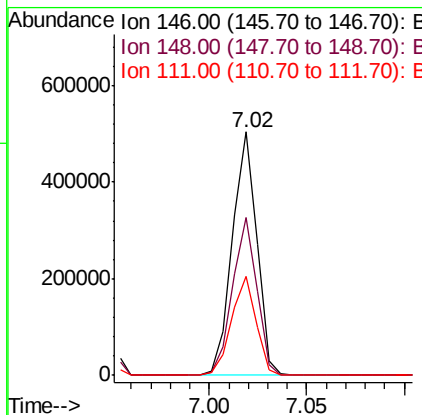
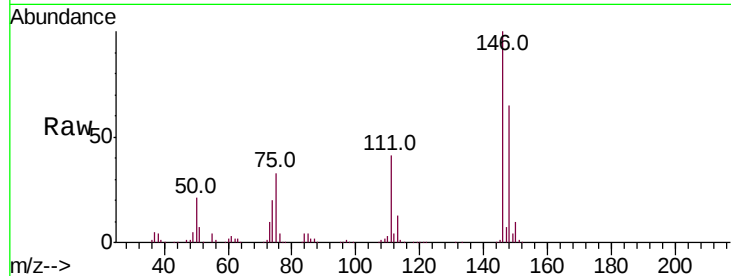
ClientSampleId :

PB112242BS

Tot Ion:	146	Resp:	439159
Ion Ratio	Lower	Upper	
146	100		
148	65.0	50.8	76.2
111	40.8	34.2	51.2

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#14

1,2-Dichlorobenzene

Concen: 41.804 ng

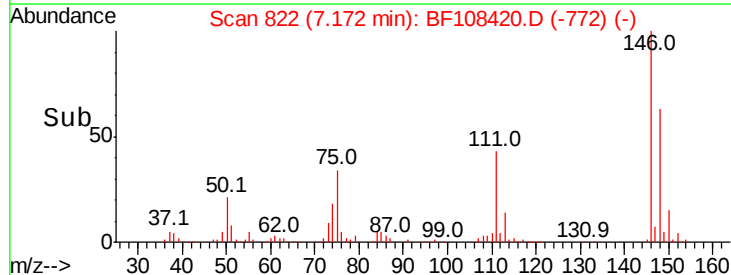
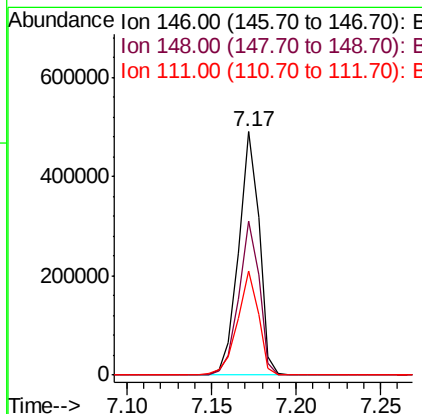
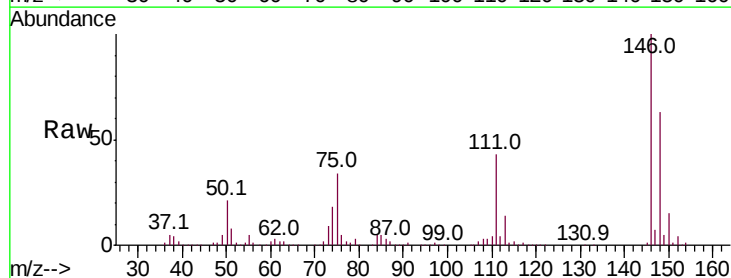
RT: 7.17 min Scan# 822

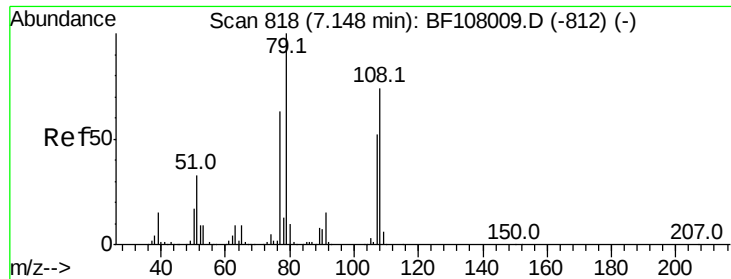
Delta R.T. -0.01 min

Lab File: BF108420.D

Acq: 23 Aug 2018 11:49

Tgt Ion:	146	Resp:	412915
Ion Ratio	Lower	Upper	
146	100		
148	63.2	50.6	75.8
111	42.8	36.0	54.0





#15

Benzyl Alcohol

Concen: 38.782 ng

RT: 7.14 min Scan# 817

Delta R.T. -0.00 min

Lab File: BF108420.D

Acq: 23 Aug 2018 11:49

Instrument :

BNA_F

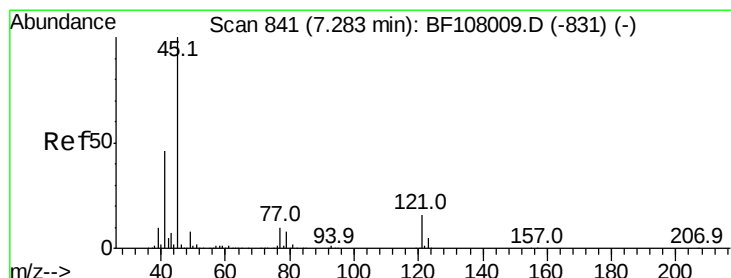
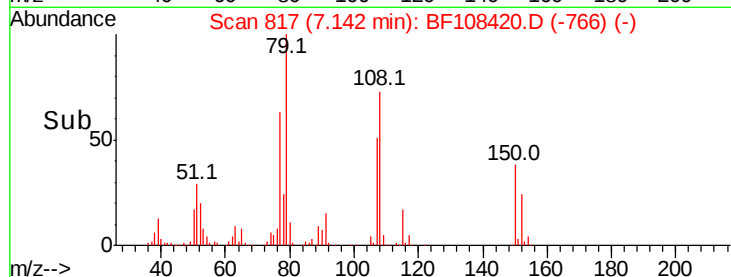
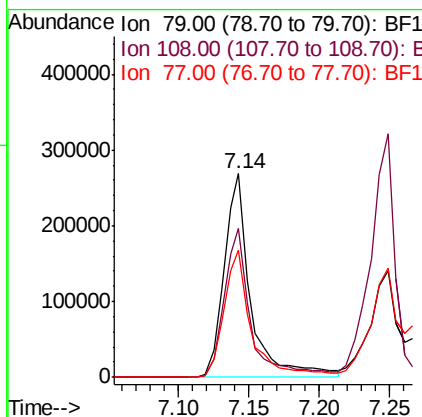
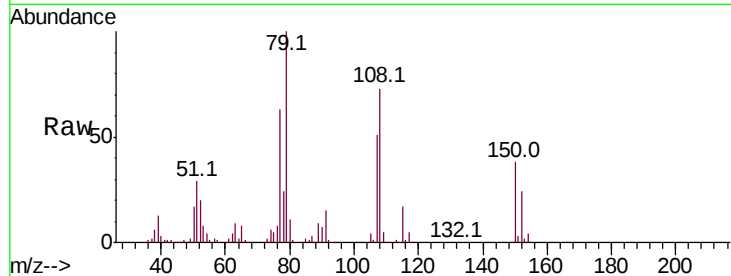
ClientSampleId :

PB112242BS

Tot Ion:	79	Resp:	352109
Ion Ratio	Lower	Upper	
79	100		
108	73.5	65.1	97.7
77	62.6	50.6	75.8

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#16

2,2'-oxybis(1-chloropropane)

Concen: 38.259 ng

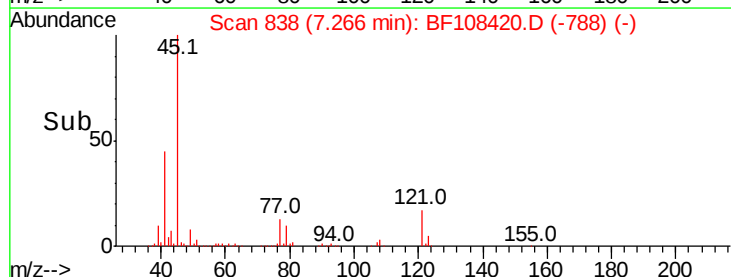
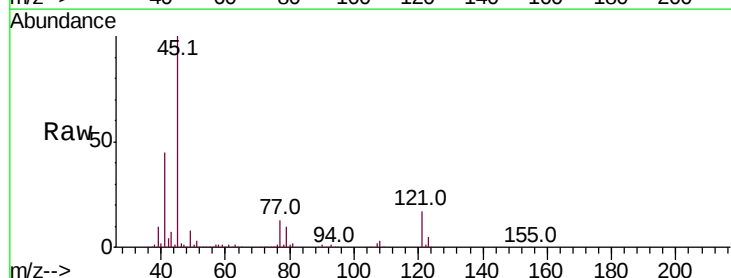
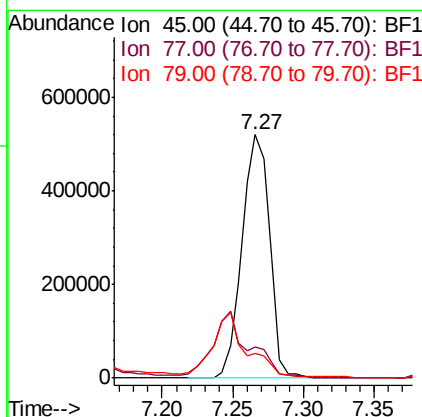
RT: 7.27 min Scan# 838

Delta R.T. -0.01 min

Lab File: BF108420.D

Acq: 23 Aug 2018 11:49

Tgt Ion:	45	Resp:	710852
Ion Ratio	Lower	Upper	
45	100		
77	13.0	0.0	32.9
79	10.0	0.0	29.6





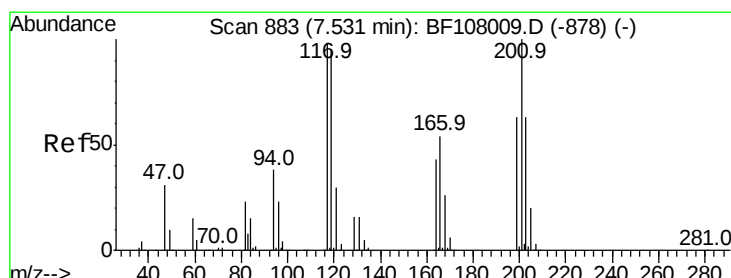
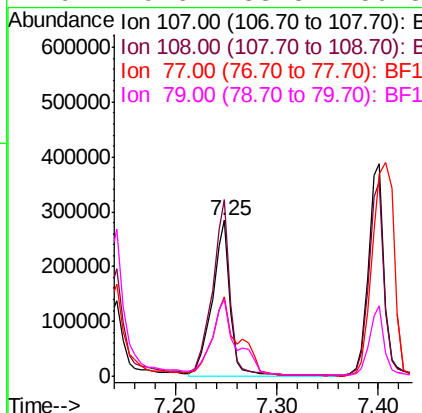
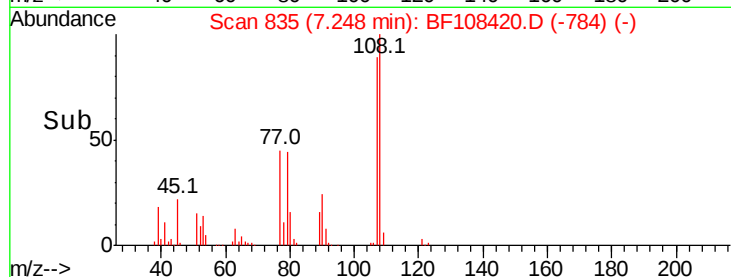
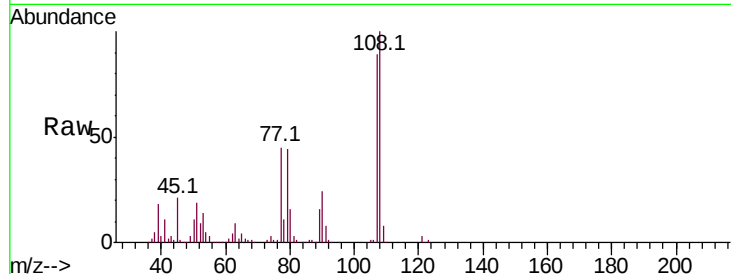
#17
2-Methylphenol
Concen: 45.144 ng
RT: 7.25 min Scan# 835
Delta R.T. -0.00 min
Lab File: BF108420.D
Acq: 23 Aug 2018 11:49

Instrument :
BNA_F
ClientSampleId :
PB112242BS

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	112.8	91.7	137.5	
77	50.5	33.8	50.8	
79	49.6	33.8	50.8	

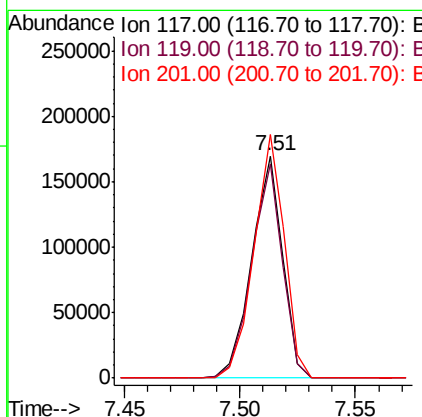
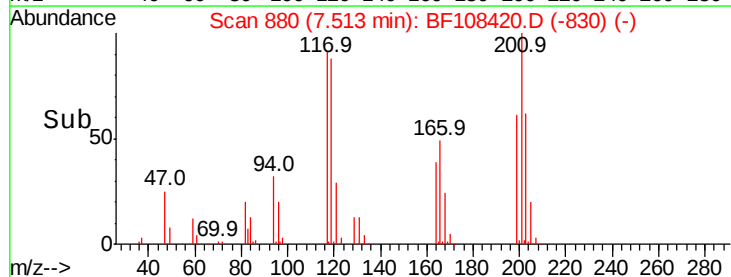
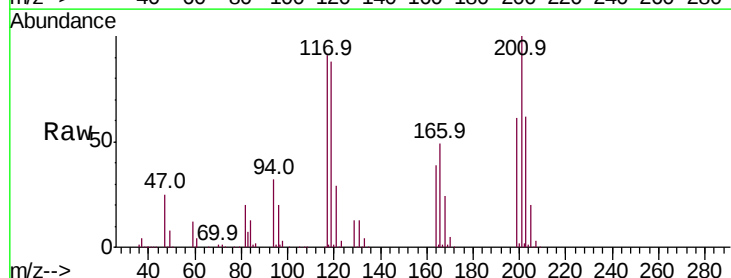
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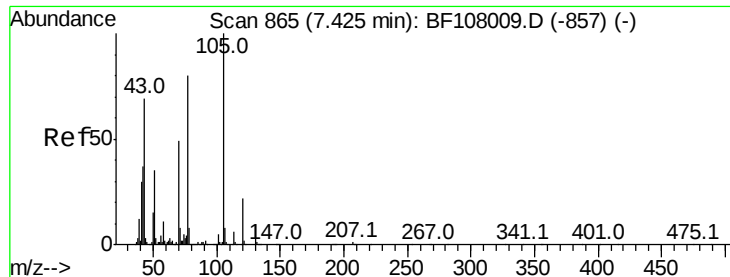
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#18
Hexachloroethane
Concen: 41.971 ng
RT: 7.51 min Scan# 880
Delta R.T. -0.01 min
Lab File: BF108420.D
Acq: 23 Aug 2018 11:49

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	96.2	75.8	113.8	
201	109.5	75.7	113.5	





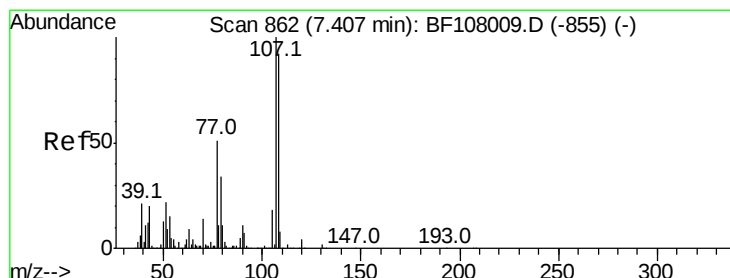
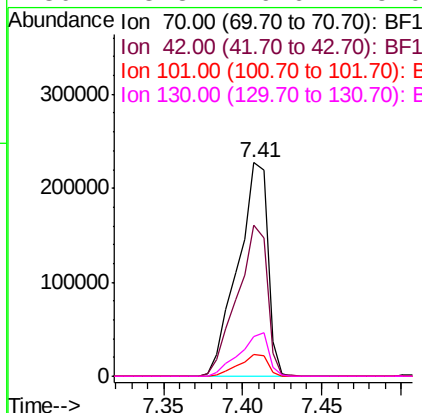
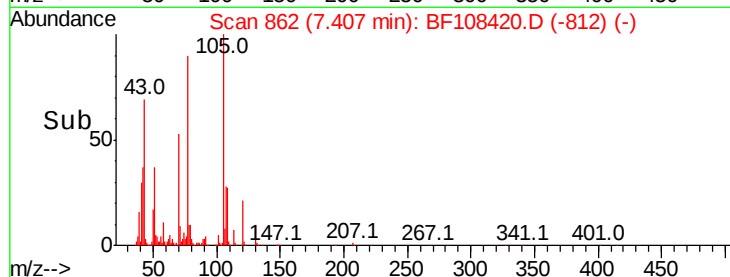
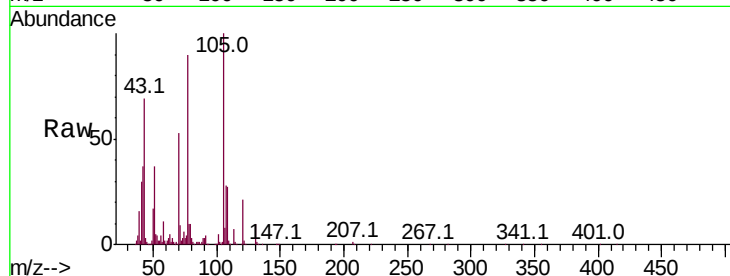
#19
n-Nitroso-di-n-propylamine
Concen: 40.828 ng
RT: 7.41 min Scan# 862
Delta R.T. -0.01 min
Lab File: BF108420.D
Acq: 23 Aug 2018 11:49

Instrument :
BNA_F
ClientSampleId :
PB112242BS

Tot Ion	Ratio	Lower	Upper
70	100		
42	70.8	47.5	71.3
101	9.9	7.4	11.2
130	18.8	16.6	25.0

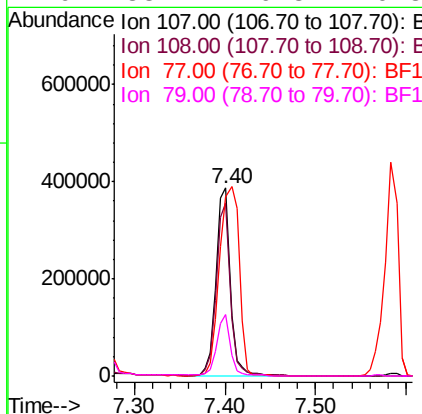
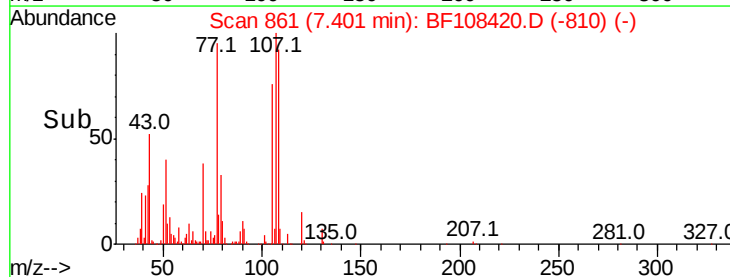
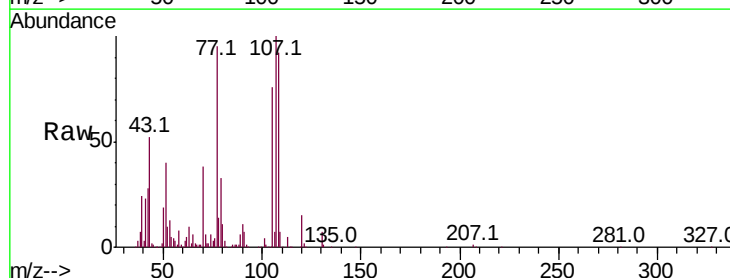
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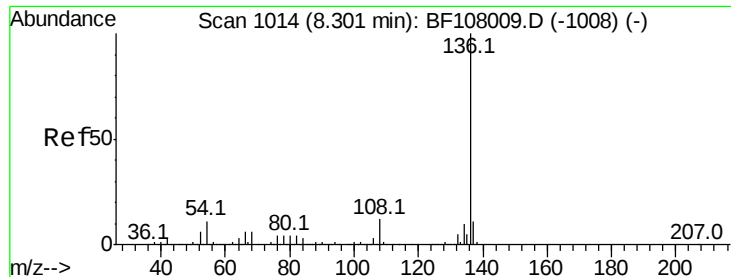
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#20
3+4-Methylphenols
Concen: 42.082 ng
RT: 7.40 min Scan# 861
Delta R.T. -0.00 min
Lab File: BF108420.D
Acq: 23 Aug 2018 11:49

Tgt Ion	Ratio	Lower	Upper
107	100		
108	92.0	68.2	108.2
77	95.1	26.7	66.7#
79	33.1	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: BF108420.D

Acq: 23 Aug 2018 11:49

Instrument :

BNA_F

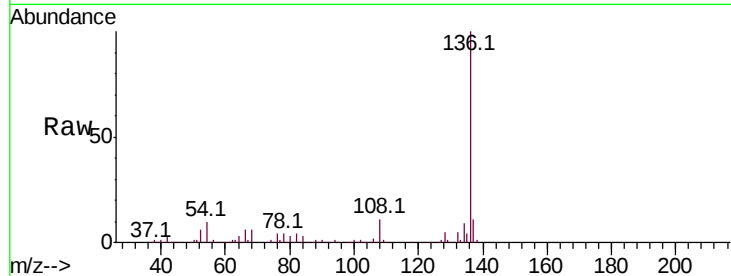
ClientSampleId :

PB112242BS

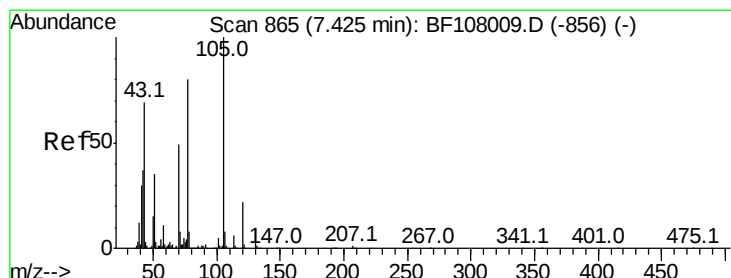
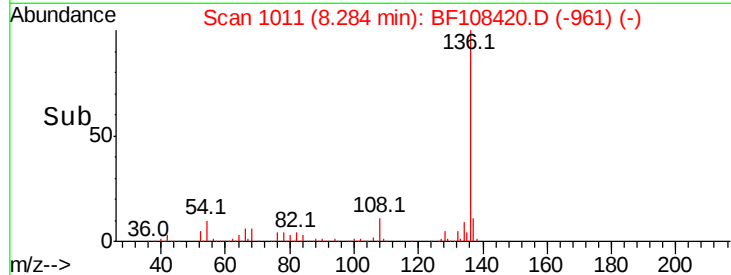
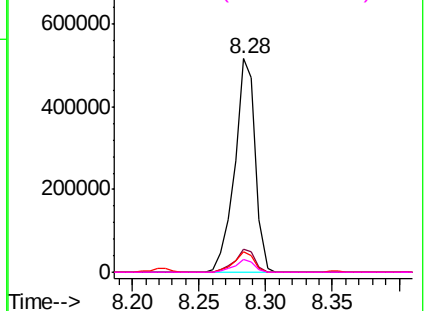
Tot Ion	Ratio	Resp Lower	Upper
136	100		
137	11.0	8.9	13.3
54	9.8	6.6	9.8
68	6.1	5.0	7.4

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Abundance Ion 136.00 (135.70 to 136.70): E
800000
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1



#22

Acetophenone

Concen: 43.056 ng

RT: 7.41 min Scan# 862

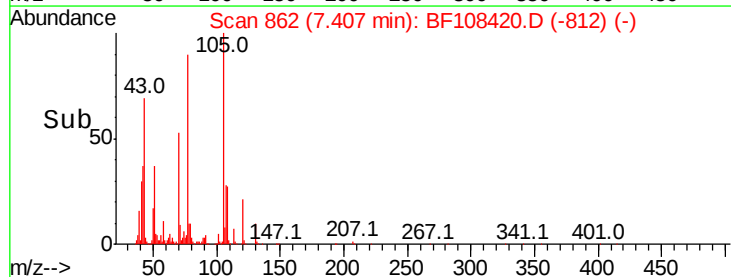
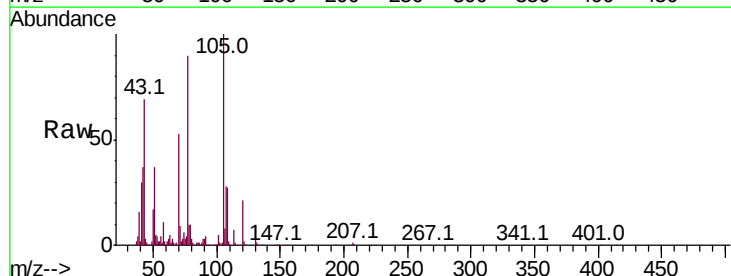
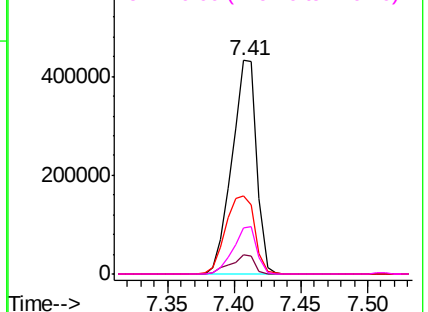
Delta R.T. -0.01 min

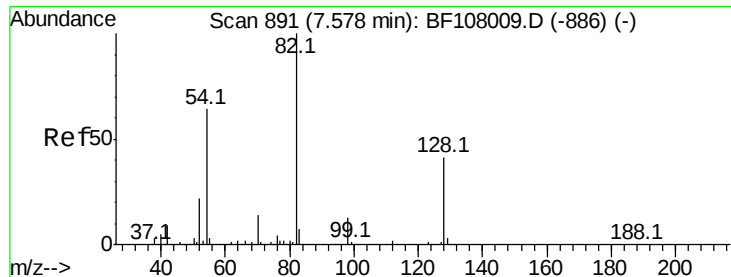
Lab File: BF108420.D

Acq: 23 Aug 2018 11:49

Tgt Ion	Ratio	Resp Lower	Upper
105	100		
71	8.9	4.4	6.6#
51	36.7	22.3	33.5#
120	21.4	16.9	25.3

Abundance Ion 105.00 (104.70 to 105.70): E
600000
Ion 71.00 (70.70 to 71.70): BF1
Ion 51.00 (50.70 to 51.70): BF1
Ion 120.00 (119.70 to 120.70): E





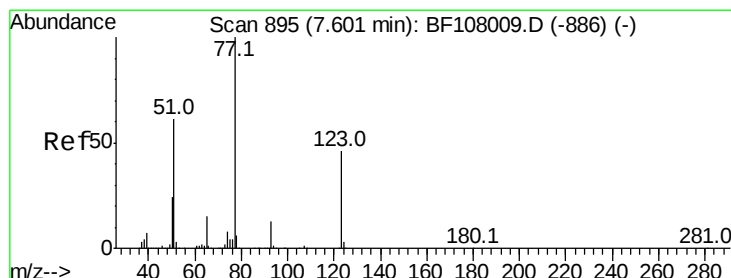
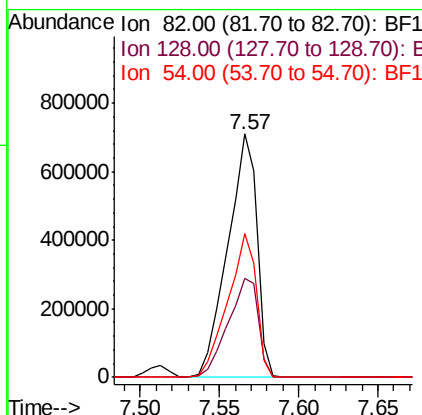
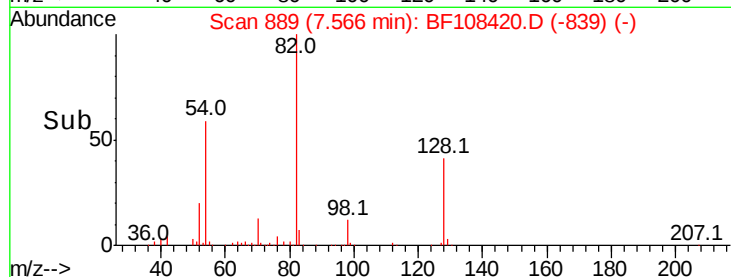
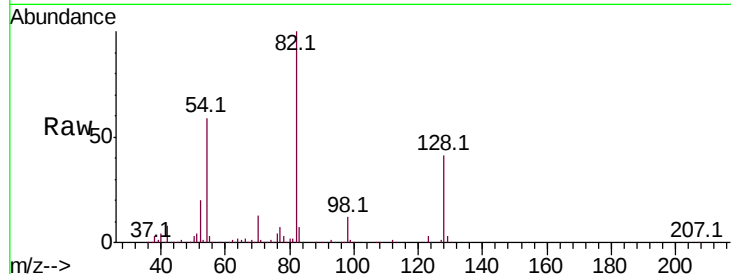
#23
Nitrobenzene-d5
Concen: 90.888 ng
RT: 7.57 min Scan# 889
Delta R.T. -0.01 min
Lab File: BF108420.D
Acq: 23 Aug 2018 11:49

Instrument :
BNA_F
ClientSampleID :
PB112242BS

Tot Ion	Ratio	Resp	Lower	Upper
82	100			
128	40.8	36.1	54.1	
54	58.9	41.4	62.2	

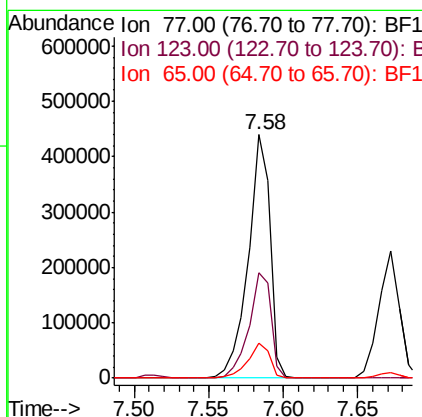
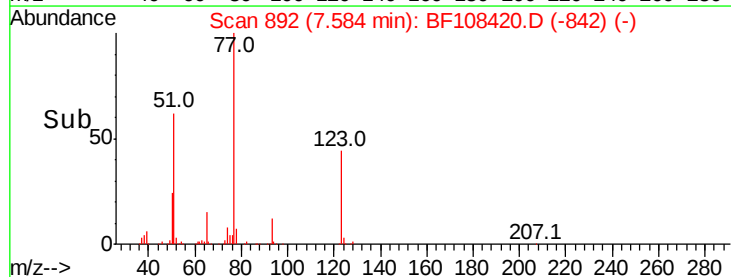
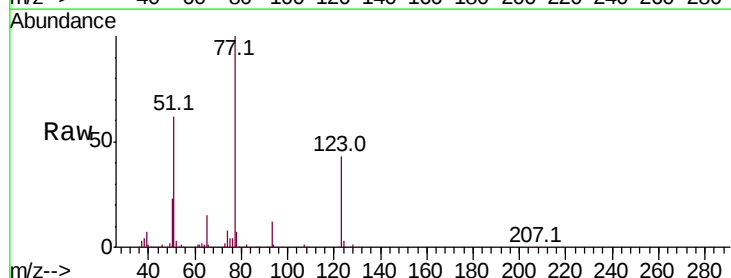
Manual Integrations
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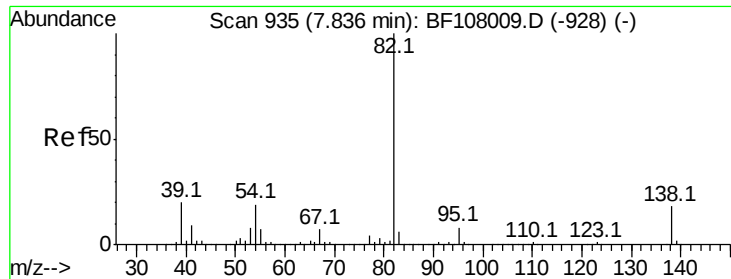
Sohil
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#24
Nitrobenzene
Concen: 43.779 ng
RT: 7.58 min Scan# 892
Delta R.T. -0.01 min
Lab File: BF108420.D
Acq: 23 Aug 2018 11:49

Tgt Ion	Ratio	Resp	Lower	Upper
77	100			
123	43.4	37.9	56.9	
65	14.6	11.0	16.4	





#25

Isophorone

Concen: 43.111 ng

RT: 7.82 min Scan# 932

Delta R.T. -0.01 min

Lab File: BF108420.D

Acq: 23 Aug 2018 11:49

Instrument :

BNA_F

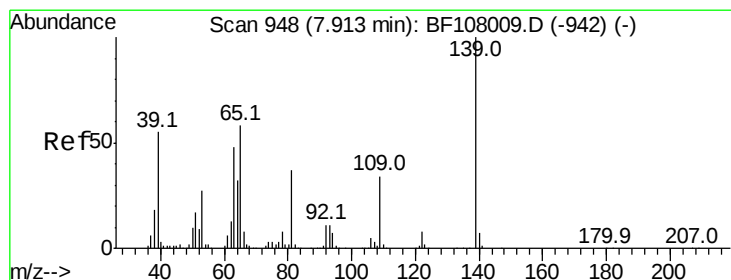
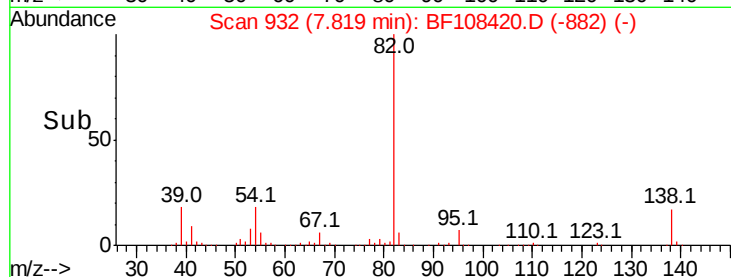
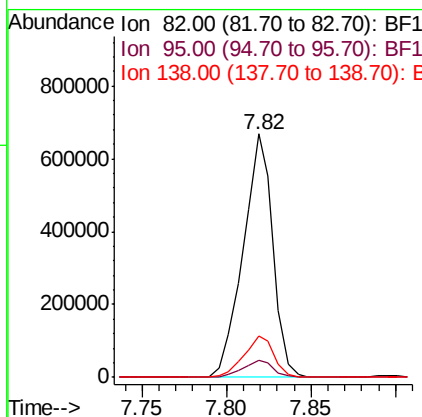
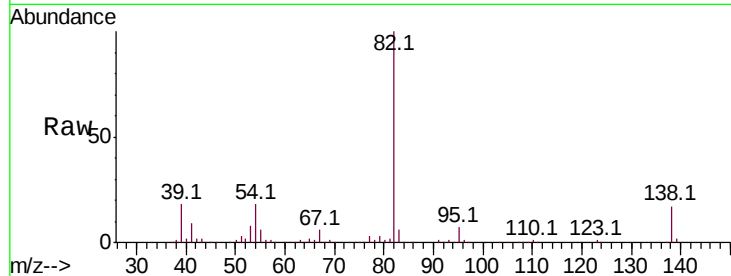
ClientSampleId :

PB112242BS

Tot Ion:	82	Resp:	818721
Ion Ratio	Lower	Upper	
82	100		
95	7.1	5.2	7.8
138	16.8	14.9	22.3

Manual Integrations
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#26

2-Nitrophenol

Concen: 52.691 ng

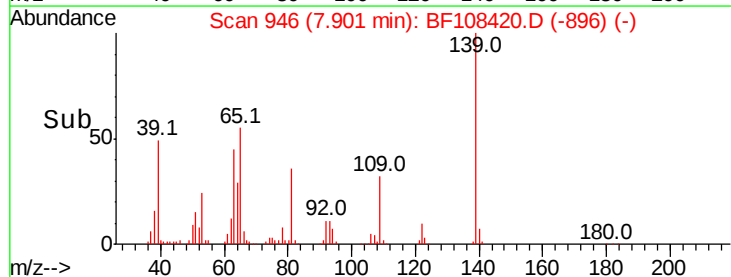
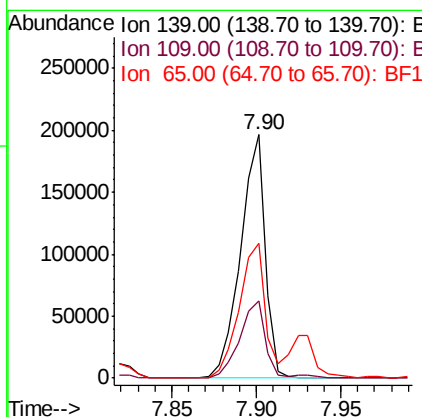
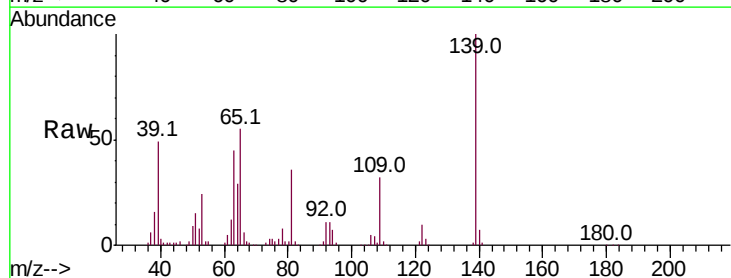
RT: 7.90 min Scan# 946

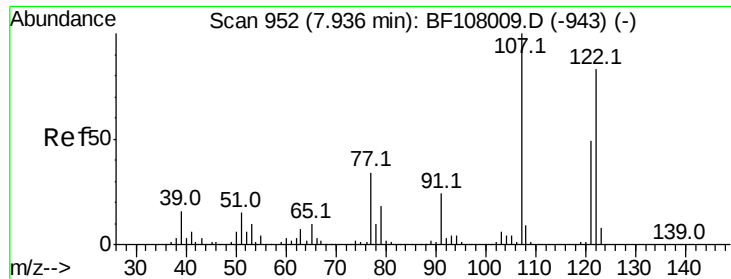
Delta R.T. -0.01 min

Lab File: BF108420.D

Acq: 23 Aug 2018 11:49

Tgt Ion:	139	Resp:	200484
Ion Ratio	Lower	Upper	
139	100		
109	31.9	22.7	34.1
65	55.4	40.5	60.7





#27

2,4-Dimethylphenol

Concen: 45.303 ng

RT: 7.93 min Scan# 951

Delta R.T. -0.00 min

Lab File: BF108420.D

Acq: 23 Aug 2018 11:49

Instrument :

BNA_F

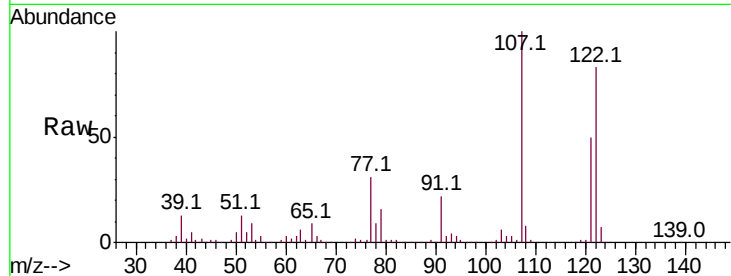
ClientSampled :

PB112242BS

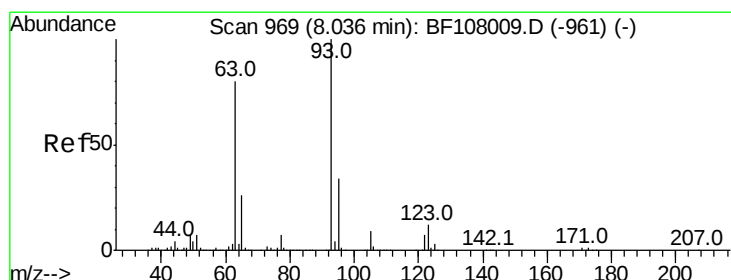
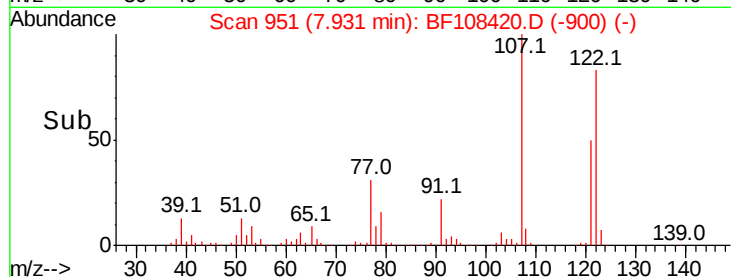
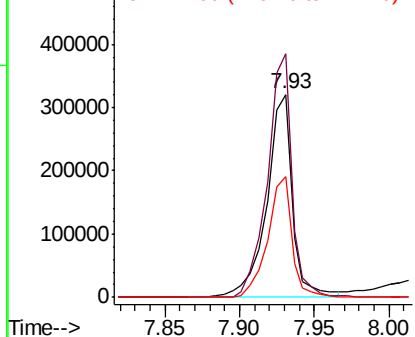
Tot Ion:	122	Resp:	381848
Ion Ratio	Lower	Upper	
122	100		
107	120.0	91.2	136.8
121	59.4	47.2	70.8

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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: 44.415 ng

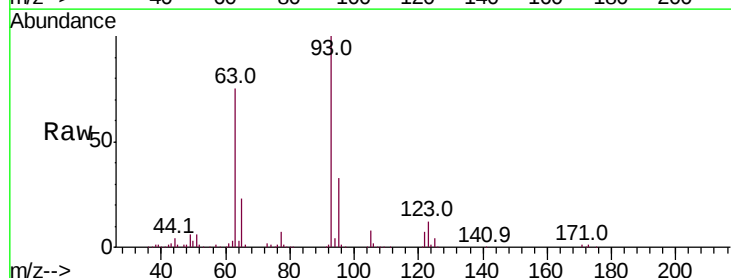
RT: 8.02 min Scan# 967

Delta R.T. -0.01 min

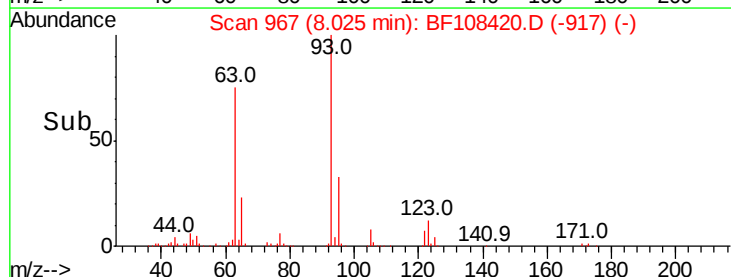
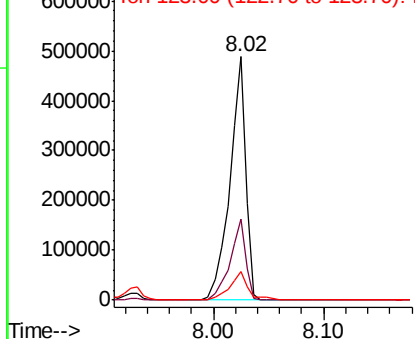
Lab File: BF108420.D

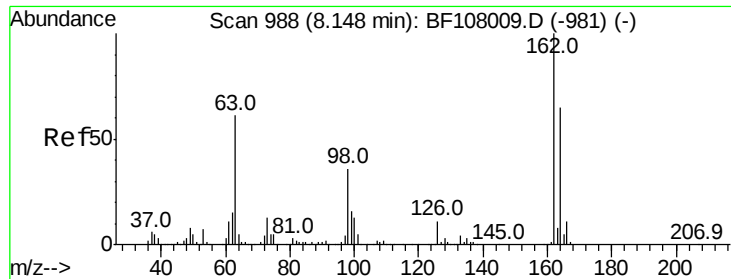
Acq: 23 Aug 2018 11:49

Tgt Ion:	93	Resp:	492410
Ion Ratio	Lower	Upper	
93	100		
95	33.4	26.3	39.5
123	11.7	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





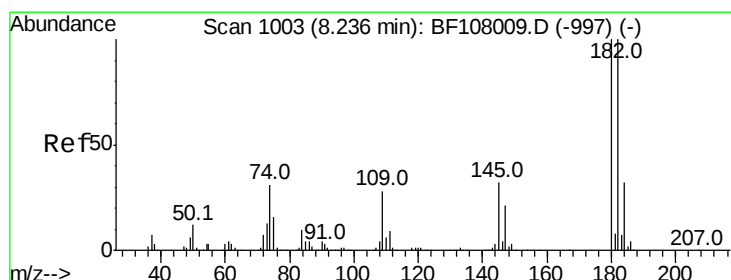
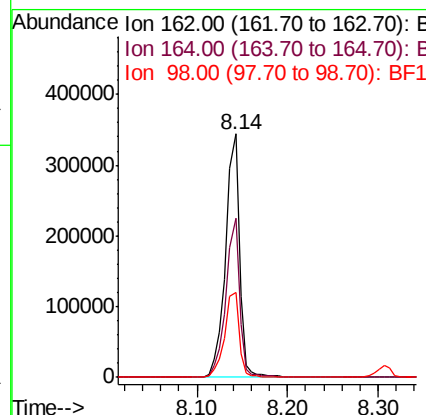
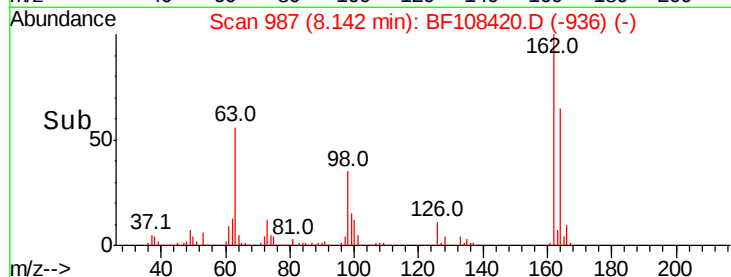
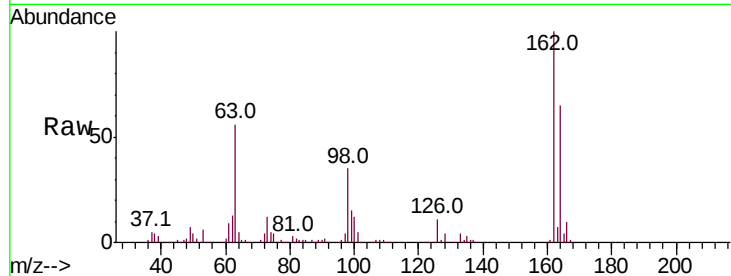
#29
2,4-Dichlorophenol
Concen: 47.059 ng
RT: 8.14 min Scan# 987
Delta R.T. -0.00 min
Lab File: BF108420.D
Acq: 23 Aug 2018 11:49

Instrument :
BNA_F
ClientSampleId :
PB112242BS

Tot Ion	Ratio	Resp	Lower	Upper
162	100	365020		
164	65.3	42.7	82.7	
98	34.7	18.1	58.1	

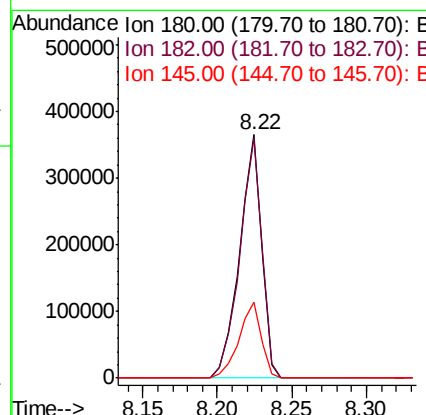
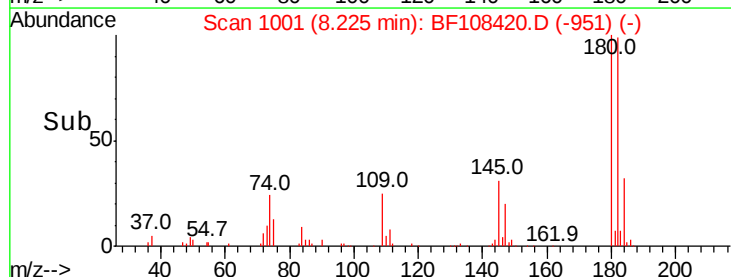
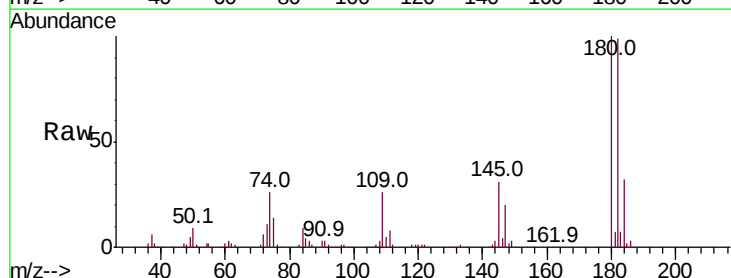
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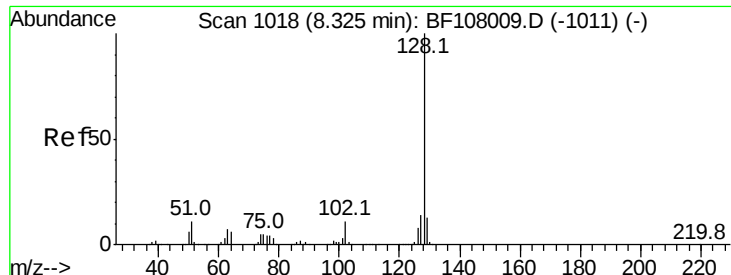
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#30
1,2,4-Trichlorobenzene
Concen: 44.213 ng
RT: 8.22 min Scan# 1001
Delta R.T. -0.01 min
Lab File: BF108420.D
Acq: 23 Aug 2018 11:49

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	378113		
182	98.7	76.8	115.2	
145	31.0	26.5	39.7	





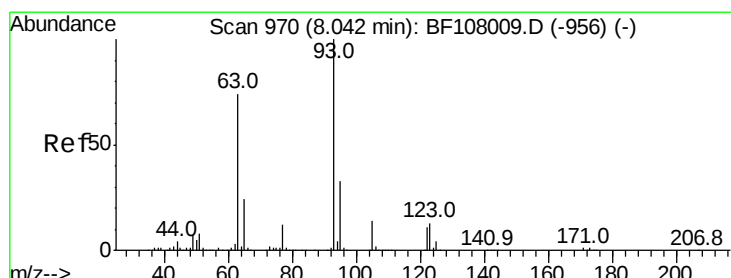
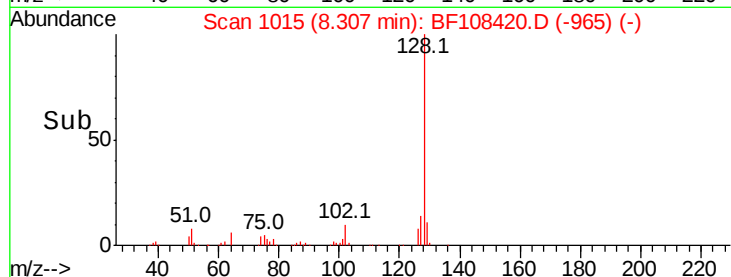
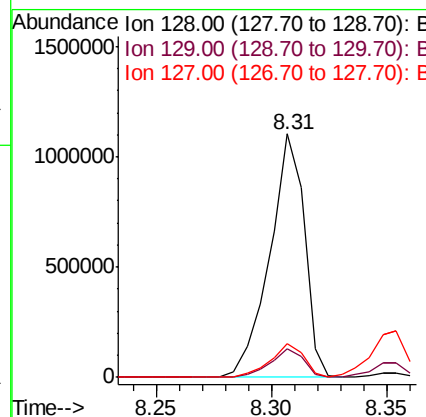
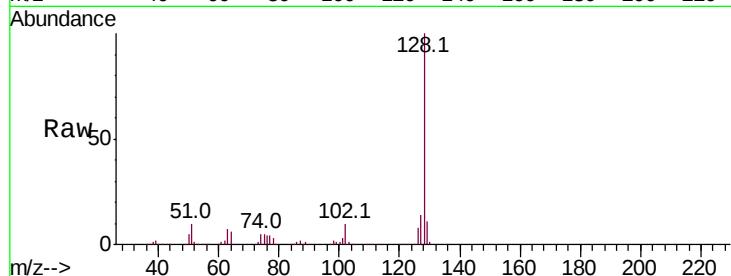
#31
Naphthalene
Concen: 45.576 ng
RT: 8.31 min Scan# 1015
Delta R.T. -0.01 min
Lab File: BF108420.D
Acq: 23 Aug 2018 11:49

Instrument :
BNA_F
ClientSampleId :
PB112242BS

Tot Ion	Ratio	Lower	Upper
128	100		
129	11.5	8.8	13.2
127	13.7	10.9	16.3

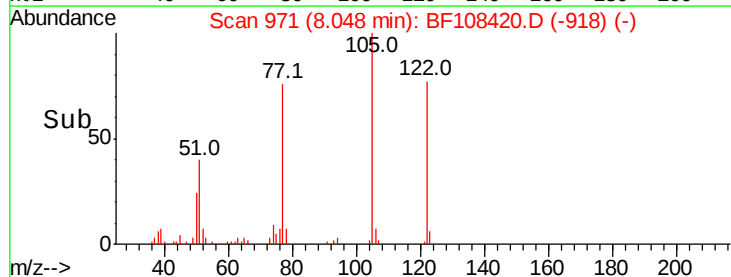
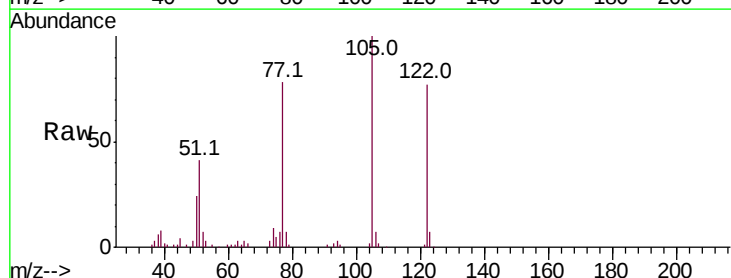
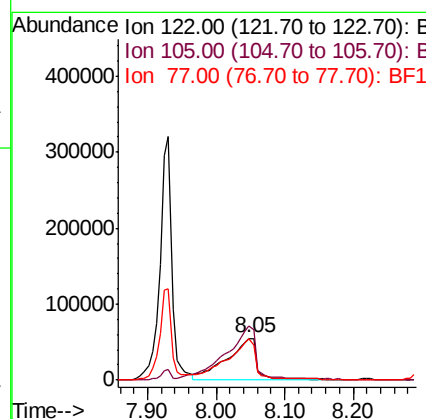
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#32
Benzoic acid
Concen: 35.738 ng
RT: 8.05 min Scan# 971
Delta R.T. 0.01 min
Lab File: BF108420.D
Acq: 23 Aug 2018 11:49

Tgt Ion	Ratio	Lower	Upper
122	100		
105	130.1	101.1	141.1
77	101.0	70.7	110.7





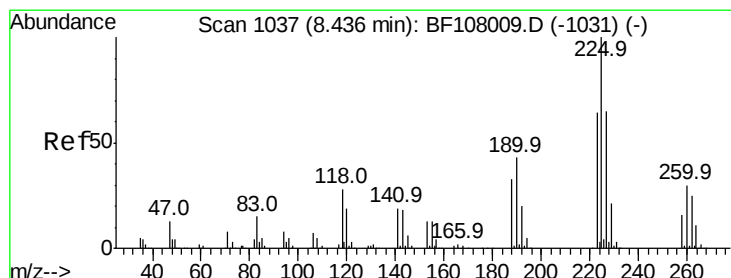
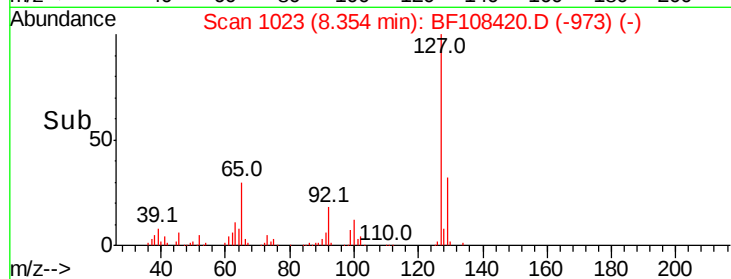
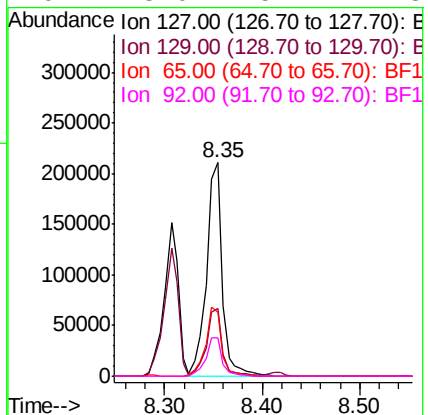
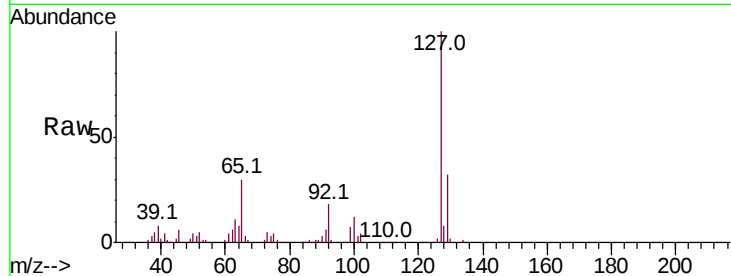
#33
4-Chloroaniline
Concen: 21.589 ng
RT: 8.35 min Scan# 1023
Delta R.T. -0.01 min
Lab File: BF108420.D
Acq: 23 Aug 2018 11:49

Instrument :
BNA_F
ClientSampleId :
PB112242BS

Tot Ion	Ratio	Resp	Lower	Upper
127	100			
129	31.9	25.9	38.9	
65	30.2	25.0	37.4	
92	18.0	15.2	22.8	

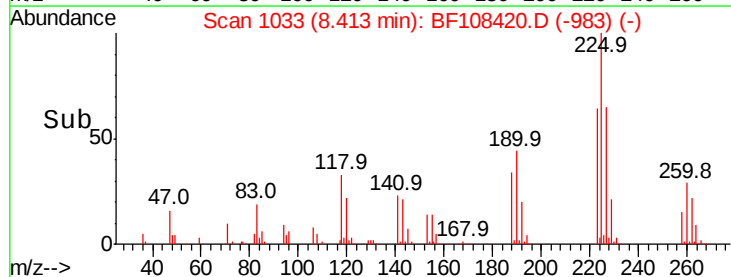
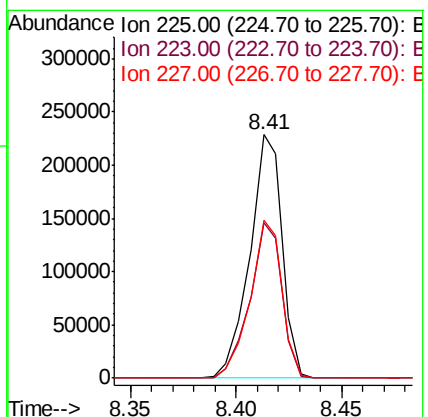
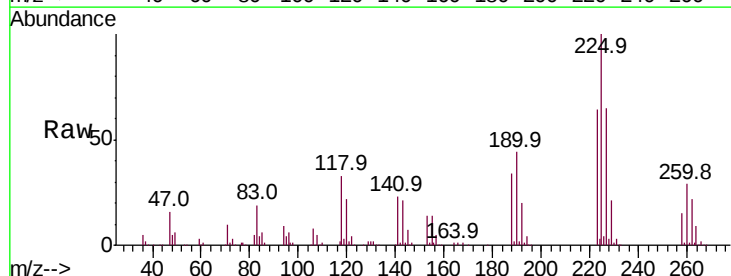
Manual Integrations
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#34
Hexachlorobutadiene
Concen: 44.927 ng
RT: 8.41 min Scan# 1033
Delta R.T. -0.01 min
Lab File: BF108420.D
Acq: 23 Aug 2018 11:49

Tgt Ion	Ratio	Resp	Lower	Upper
225	100			
223	63.6	50.6	76.0	
227	64.8	51.9	77.9	





#35

Caprolactam

Concen: 43.378 ng/ml

RT: 8.73 min Scan# 1087

Delta R.T. -0.01 min

Lab File: BF108420.D

Acq: 23 Aug 2018 11:49

Instrument :

BNA_F

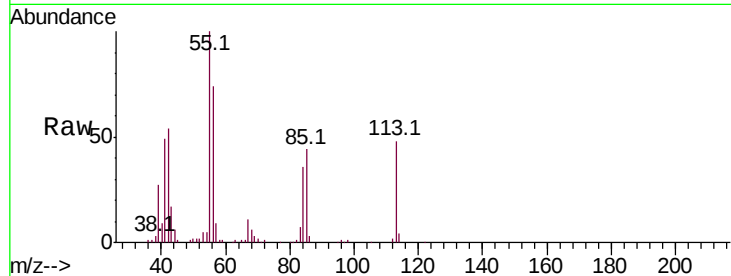
ClientSampleID :

PB112242BS

Tot Ion:	113	Resp:	105441
Ion Ratio	Lower	Upper	
113	100		
55	207.0	163.3	203.3#
56	154.1	115.7	155.7

Manual Integrations
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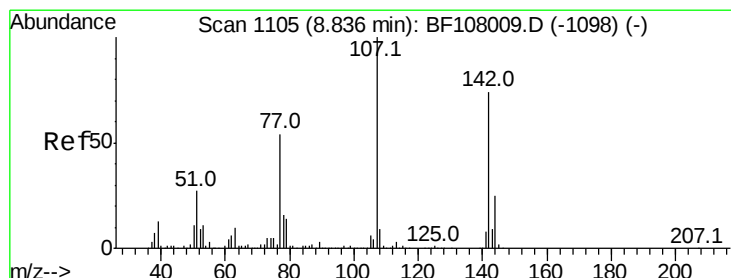
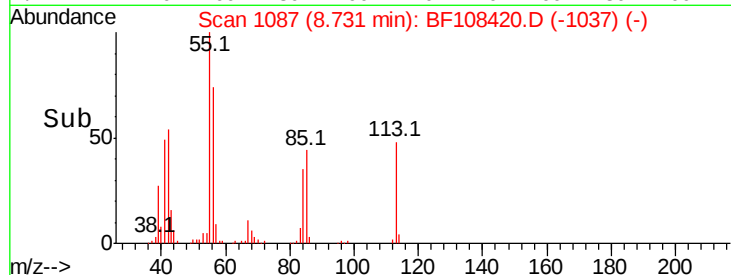
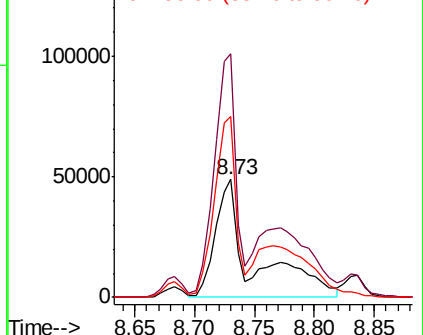
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Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF1

Ion 56.00 (55.70 to 56.70): BF1



#36

4-Chloro-3-methylphenol

Concen: 46.117 ng/ml

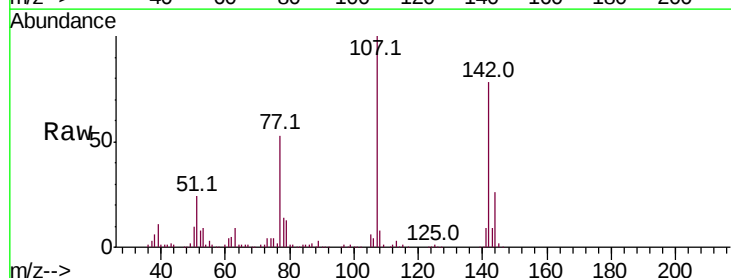
RT: 8.84 min Scan# 1105

Delta R.T. 0.01 min

Lab File: BF108420.D

Acq: 23 Aug 2018 11:49

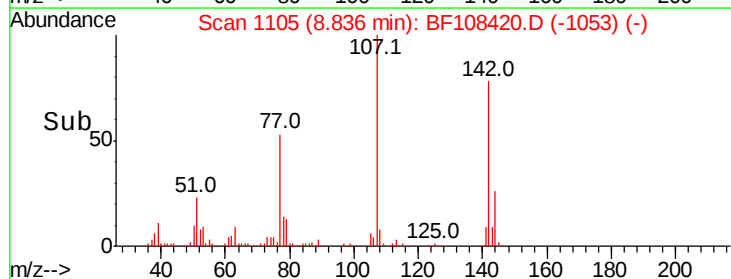
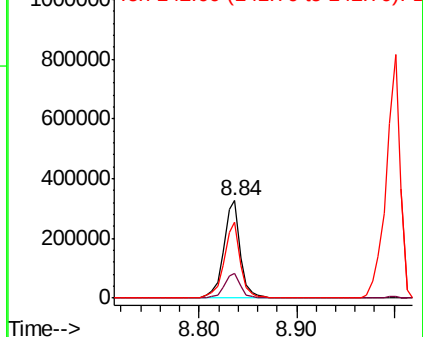
Tgt Ion:	107	Resp:	385894
Ion Ratio	Lower	Upper	
107	100		
144	25.8	20.5	30.7
142	77.6	62.0	93.0

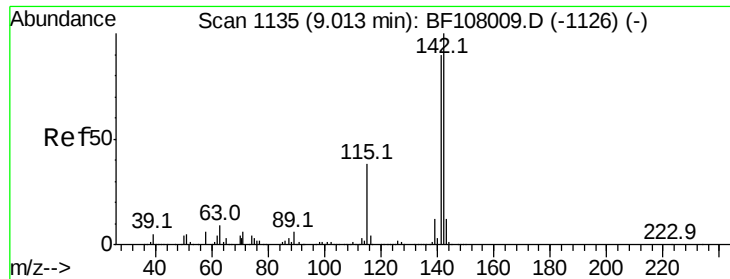


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





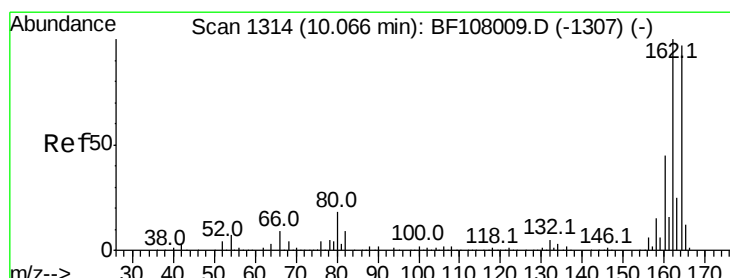
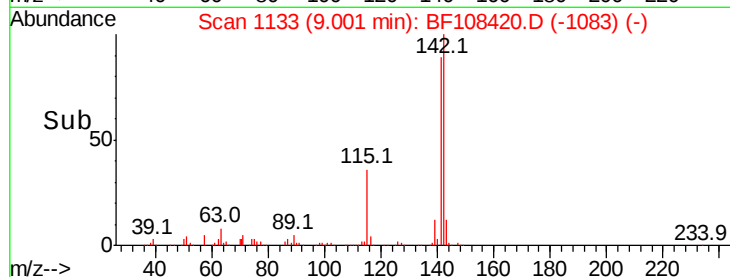
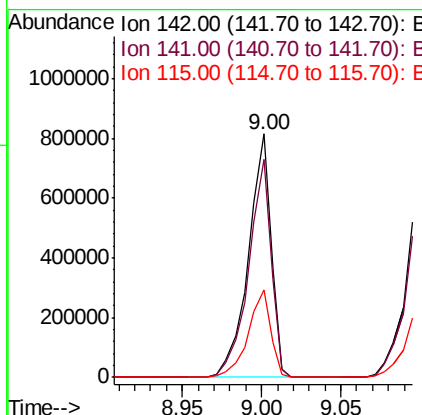
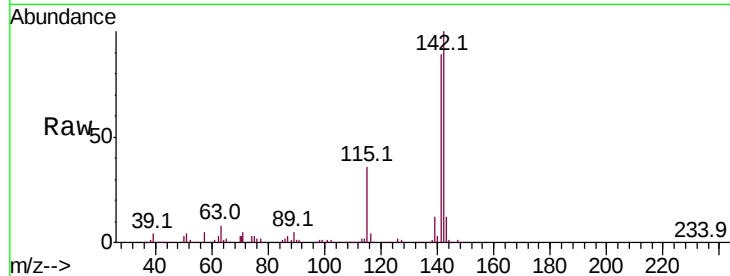
#37
2-Methylnaphthalene
Concen: 45.148 ng
RT: 9.00 min Scan# 1133
Delta R.T. -0.01 min
Lab File: BF108420.D
Acq: 23 Aug 2018 11:49

Instrument :
BNA_F
ClientSampleID :
PB112242BS

Tot Ion	Ratio	Lower	Upper
142	100		
141	89.4	70.8	106.2
115	36.0	26.1	39.1

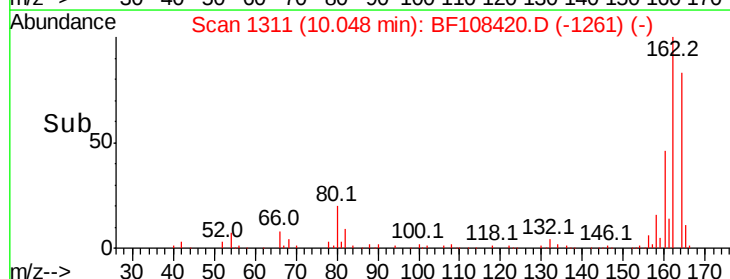
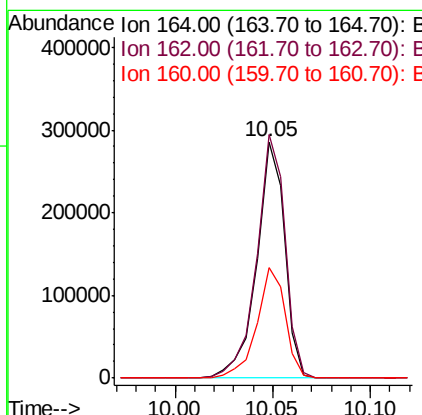
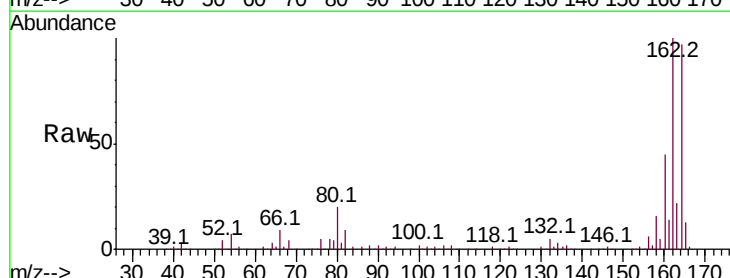
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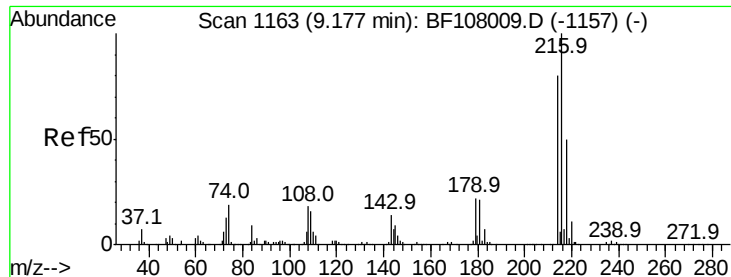
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#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.05 min Scan# 1311
Delta R.T. -0.01 min
Lab File: BF108420.D
Acq: 23 Aug 2018 11:49

Tgt Ion	Ratio	Lower	Upper
164	100		
162	103.1	86.1	129.1
160	46.7	38.3	57.5





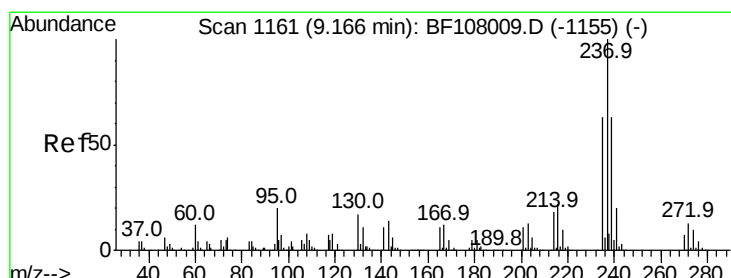
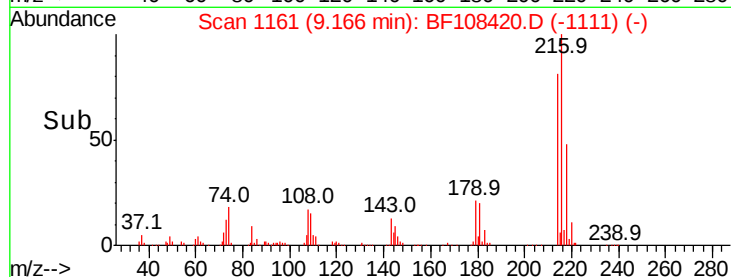
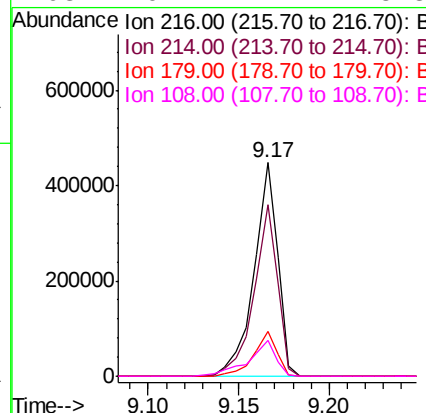
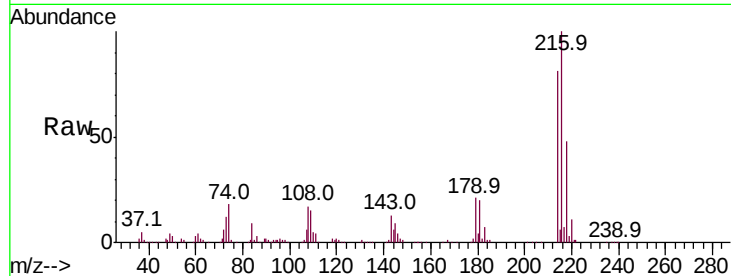
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 46.637 ng
 RT: 9.17 min Scan# 1161
 Delta R.T. -0.01 min
 Lab File: BF108420.D
 Acq: 23 Aug 2018 11:49

Instrument :
 BNA_F
 ClientSampleId :
 PB112242BS

Tot Ion	Ratio	Resp	Lower	Upper
216	100	405708		
214	79.8	63.0	94.4	
179	20.4	18.1	27.1	
108	19.7	17.2	25.8	

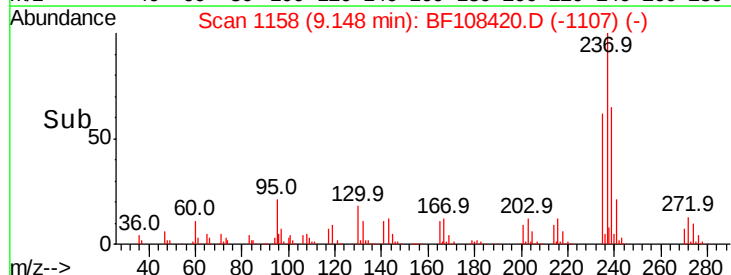
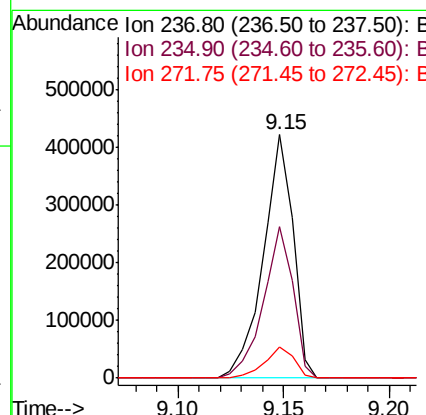
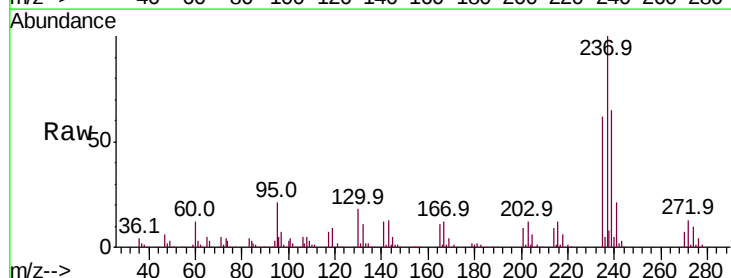
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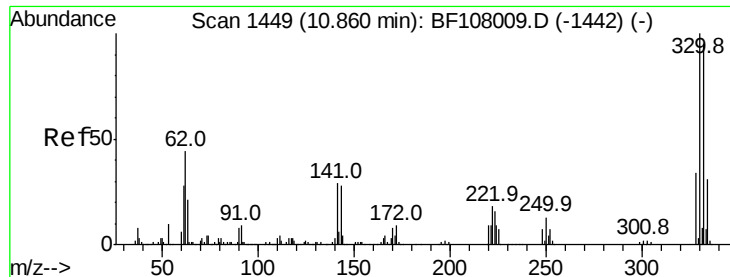
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#40
 Hexachlorocyclopentadiene
 Concen: 73.887 ng
 RT: 9.15 min Scan# 1158
 Delta R.T. -0.00 min
 Lab File: BF108420.D
 Acq: 23 Aug 2018 11:49

Tgt Ion	Ratio	Resp	Lower	Upper
237	100	415165		
235	62.2	44.8	84.8	
272	12.9	0.0	33.3	





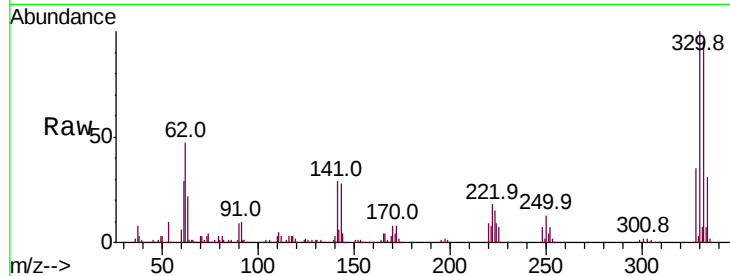
#41
 2,4,6-Tribromophenol
 Concen: 149.666 ng
 RT: 10.85 min Scan# 1447
 Delta R.T. -0.00 min
 Lab File: BF108420.D
 Acq: 23 Aug 2018 11:49

Instrument :
 BNA_F
 ClientSampleId :
 PB112242BS

Tot Ion	Ratio	Lower	Upper
330	100		
332	97.1	77.0	115.6
141	31.3	29.9	44.9

Manual Integrations
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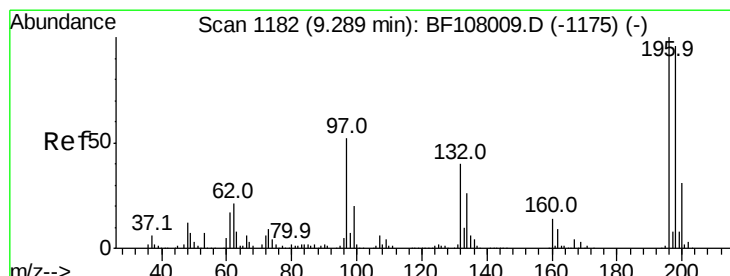
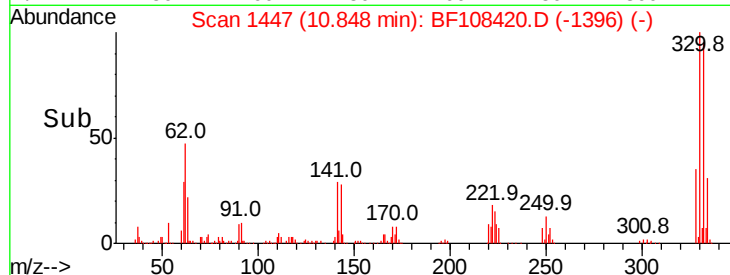
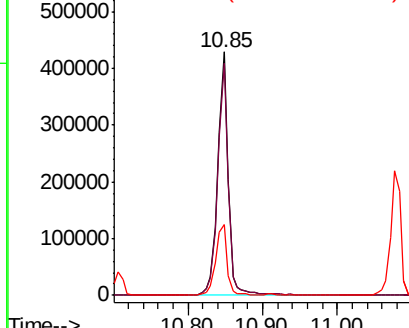


Abundance

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: 49.616 ng
 RT: 9.28 min Scan# 1180
 Delta R.T. -0.00 min
 Lab File: BF108420.D
 Acq: 23 Aug 2018 11:49

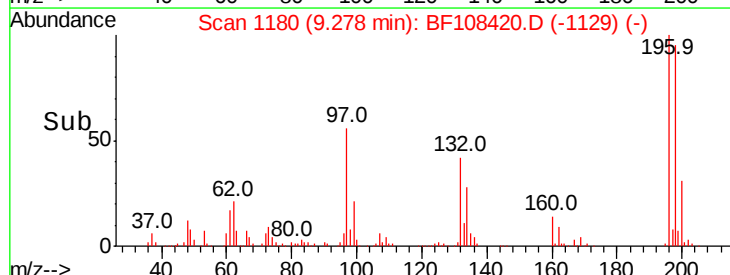
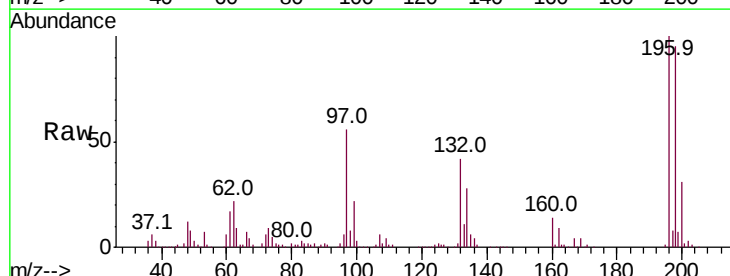
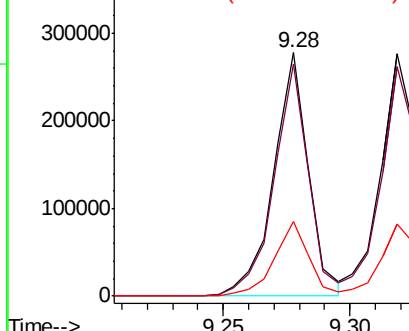
Tgt Ion	Ratio	Lower	Upper
196	100		
198	95.1	75.7	113.5
200	30.9	24.5	36.7

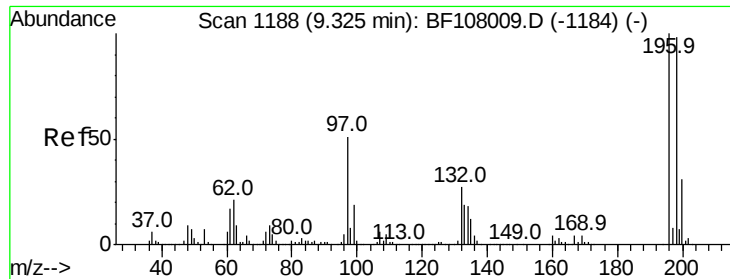
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 200.00 (199.70 to 200.70): E





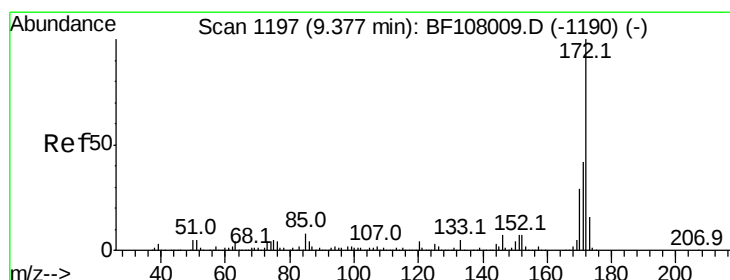
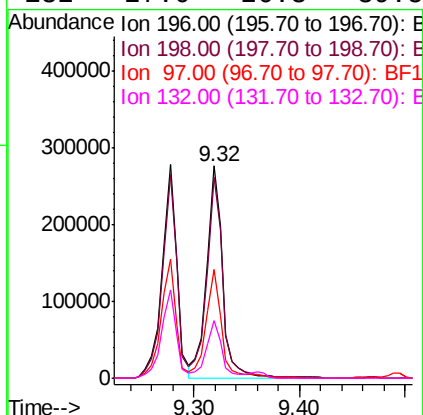
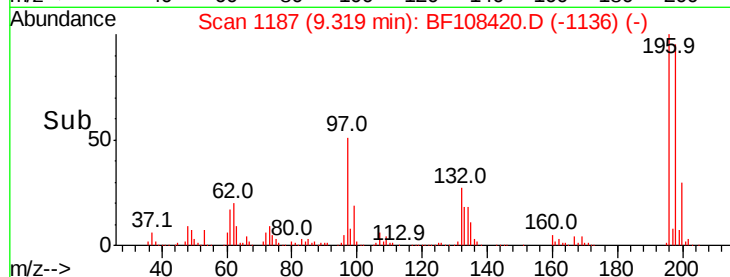
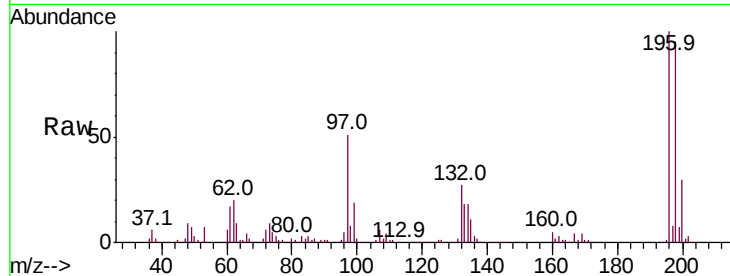
#43
 2,4,5-Trichlorophenol
 Concen: 48.971 ng
 RT: 9.32 min Scan# 1187
 Delta R.T. -0.00 min
 Lab File: BF108420.D
 Acq: 23 Aug 2018 11:49

Instrument :
 BNA_F
 ClientSampleId :
 PB112242BS

Tot Ion	Ratio	Resp	Lower	Upper
196	100	291010		
198	94.9	74.6	112.0	
97	51.3	42.9	64.3	
132	27.0	26.3	39.5	

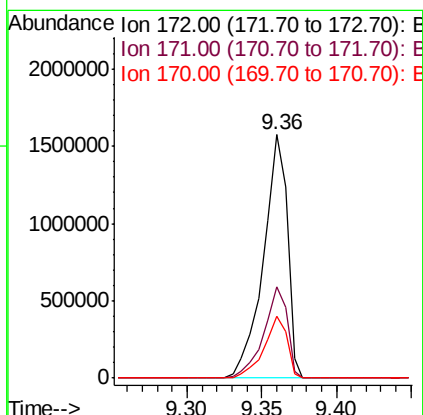
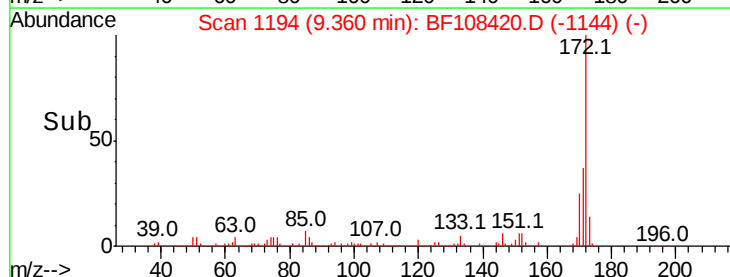
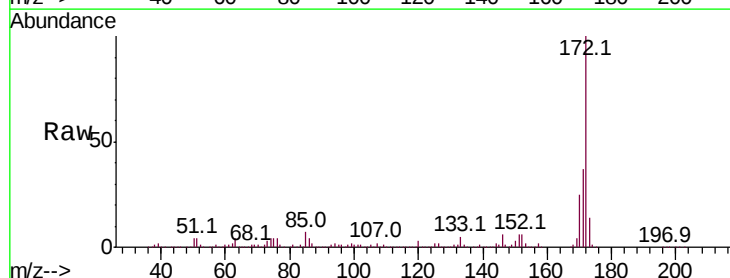
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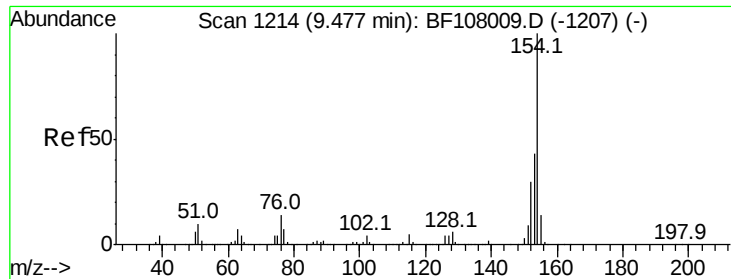
Sohil
 8/24/2018 12:13:55 PM



#44
 2-Fluorobiphenyl
 Concen: 98.533 ng
 RT: 9.36 min Scan# 1194
 Delta R.T. -0.01 min
 Lab File: BF108420.D
 Acq: 23 Aug 2018 11:49

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	1738574		
171	37.5	29.7	44.5	
170	25.3	19.6	29.4	





#45

1,1'-Biphenyl

Concen: 47.361 ng

RT: 9.47 min Scan# 1212

Delta R.T. -0.00 min

Lab File: BF108420.D

Acq: 23 Aug 2018 11:49

Instrument :

BNA_F

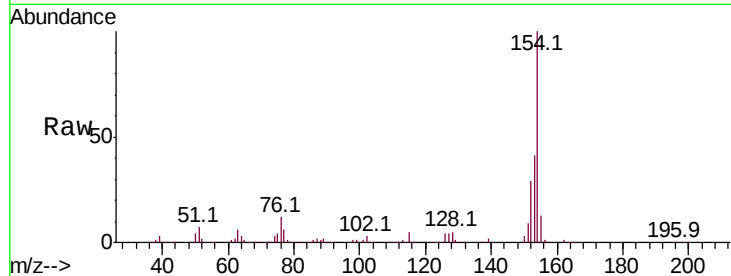
ClientSampled :

PB112242BS

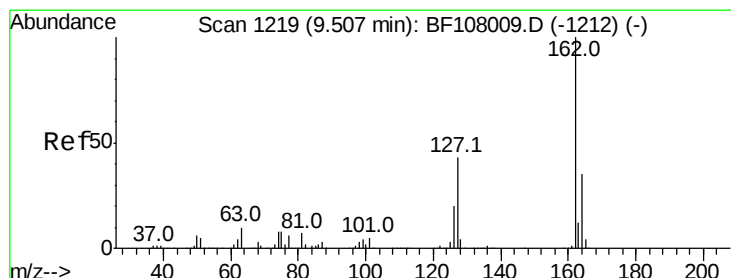
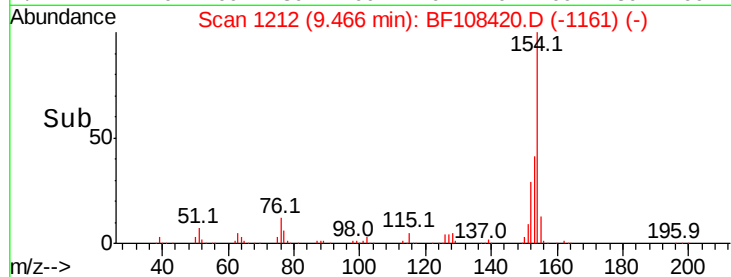
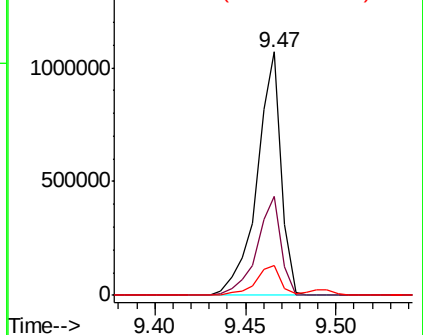
Tot Ion:	154	Resp:	989187
Ion Ratio	Lower	Upper	
154	100		
153	40.7	21.3	61.3
76	12.1	0.0	34.0

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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: 46.227 ng

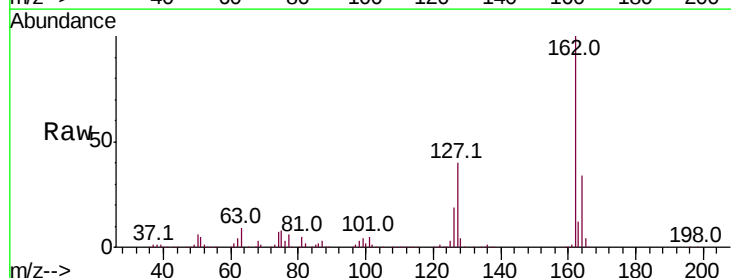
RT: 9.50 min Scan# 1217

Delta R.T. -0.00 min

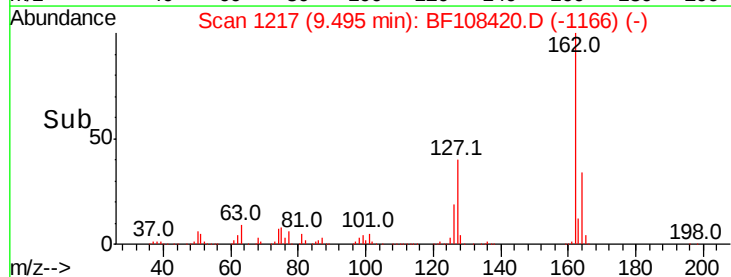
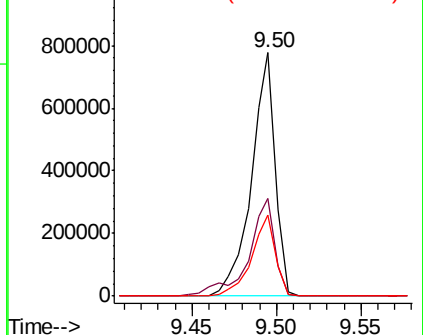
Lab File: BF108420.D

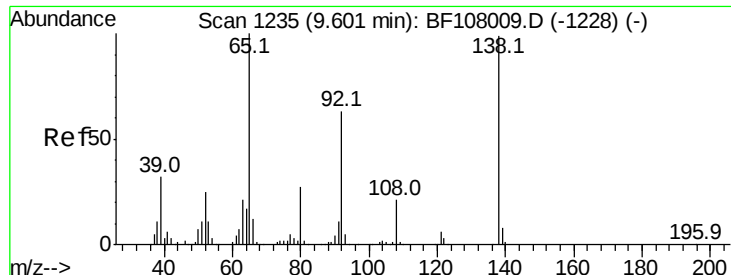
Acq: 23 Aug 2018 11:49

Tgt Ion:	162	Resp:	763091
Ion Ratio	Lower	Upper	
162	100		
127	40.3	33.9	50.9
164	33.5	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





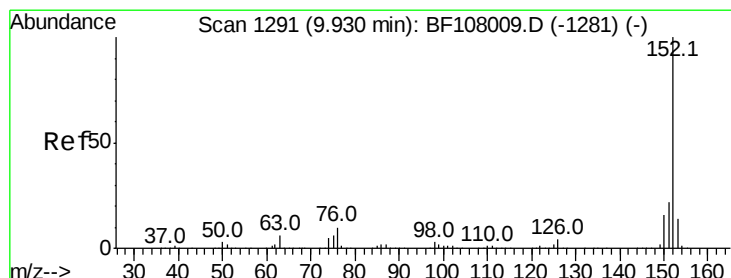
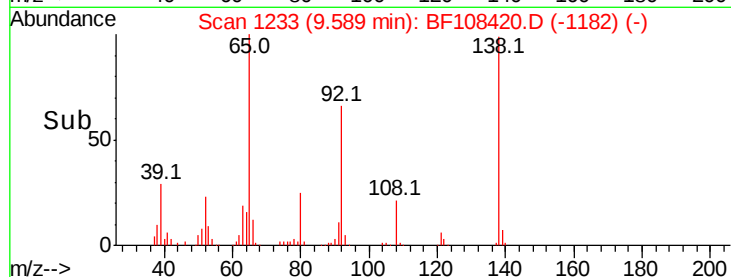
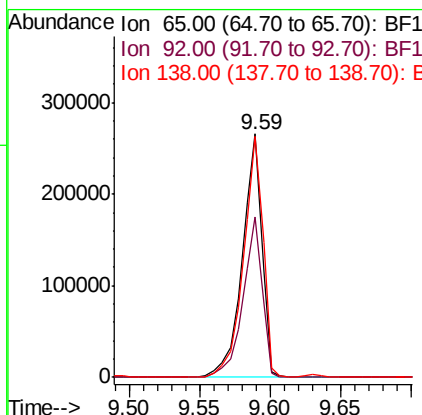
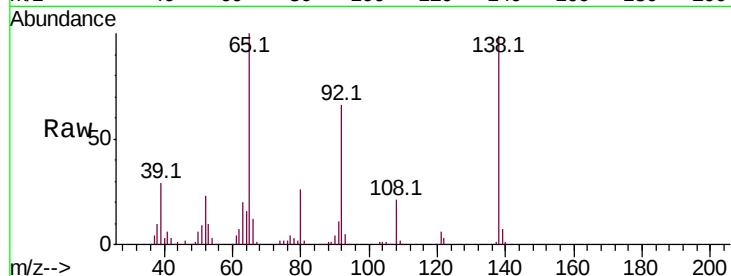
#47
2-Nitroaniline
Concen: 47.920 ng
RT: 9.59 min Scan# 1233
Delta R.T. -0.00 min
Lab File: BF108420.D
Acq: 23 Aug 2018 11:49

Instrument :
BNA_F
ClientSampleId :
PB112242BS

Tot Ion	Ratio	Lower	Upper
65	100		
92	65.7	55.8	83.6
138	99.1	91.2	136.8

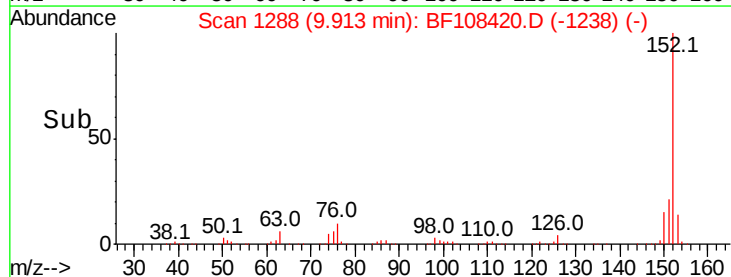
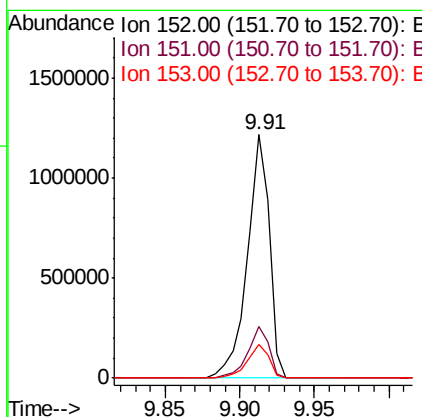
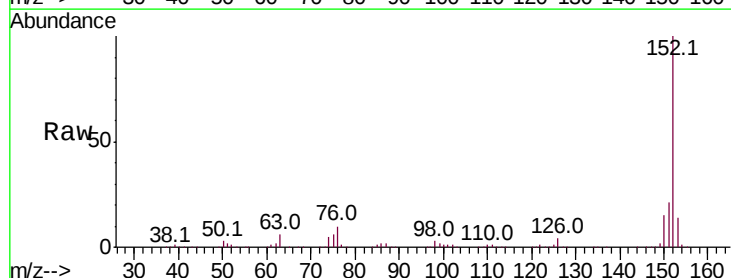
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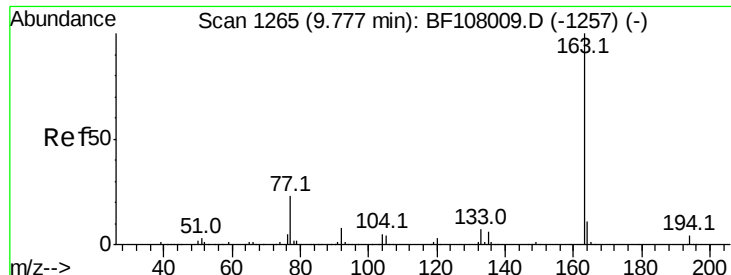
Sohil
8/24/2018 12:13:55 PM



#48
Acenaphthylene
Concen: 47.207 ng
RT: 9.91 min Scan# 1288
Delta R.T. -0.01 min
Lab File: BF108420.D
Acq: 23 Aug 2018 11:49

Tgt Ion	Ratio	Lower	Upper
152	100		
151	21.0	16.3	24.5
153	13.7	10.7	16.1





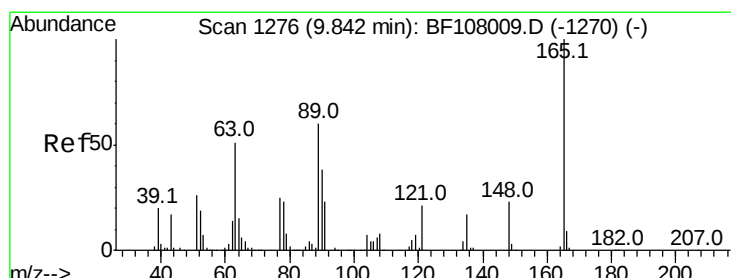
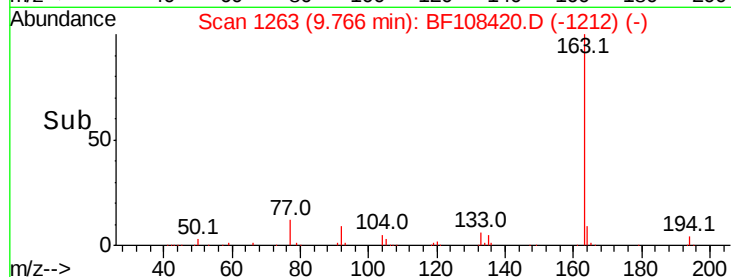
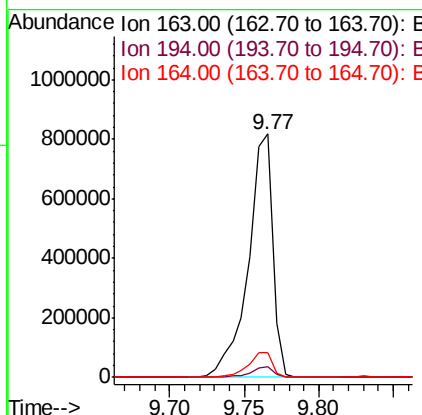
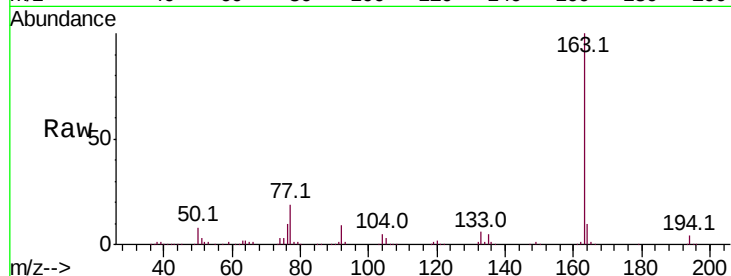
#49
 Dimethylphthalate
 Concen: 47.033 ng
 RT: 9.77 min Scan# 1263
 Delta R.T. -0.00 min
 Lab File: BF108420.D
 Acq: 23 Aug 2018 11:49

Instrument :
 BNA_F
 ClientSampleId :
 PB112242BS

Tot Ion	Ratio	Resp	Lower	Upper
163	100			
194	4.3	2.7	4.1#	
164	10.0	8.2	12.2	

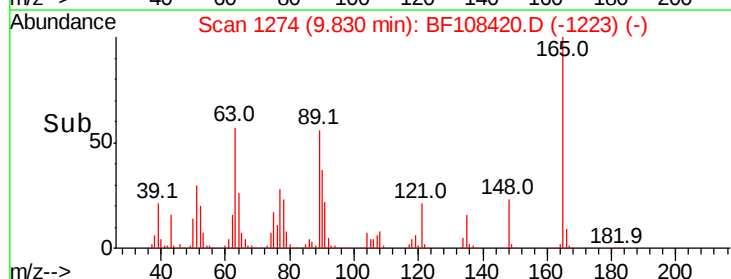
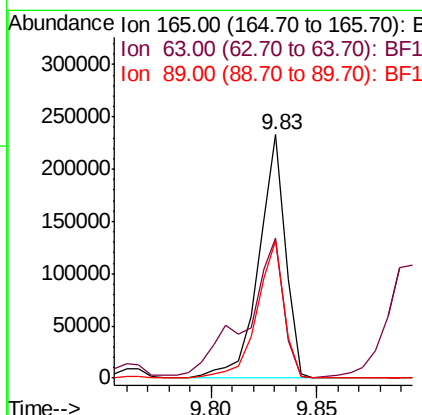
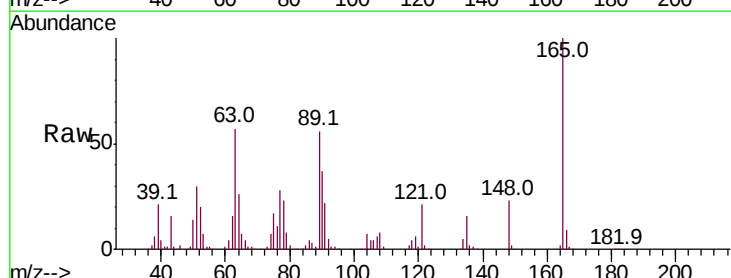
Manual Integrations
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#50
 2,6-Dinitrotoluene
 Concen: 49.633 ng
 RT: 9.83 min Scan# 1274
 Delta R.T. -0.00 min
 Lab File: BF108420.D
 Acq: 23 Aug 2018 11:49

Tgt Ion	Ratio	Resp	Lower	Upper
165	100			
63	57.5	44.7	67.1	
89	56.3	44.0	66.0	





#51

Acenaphthene

Concen: 45.060 ng

RT: 10.08 min Scan# 1317

Delta R.T. -0.01 min

Lab File: BF108420.D

Acq: 23 Aug 2018 11:49

Instrument :

BNA_F

ClientSampleId :

PB112242BS

Tot Ion:154 Resp: 720255

Ion Ratio Lower Upper

154 100

153 111.7 91.2 136.8

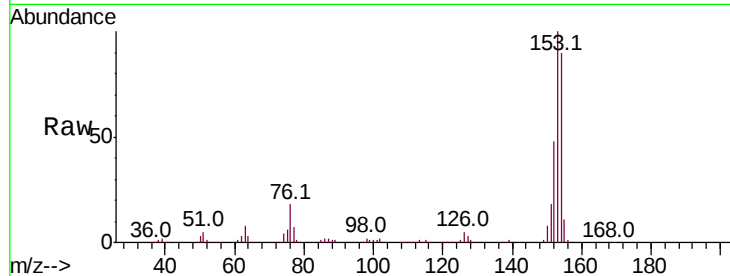
152 54.1 43.8 65.8

Manual Integrations

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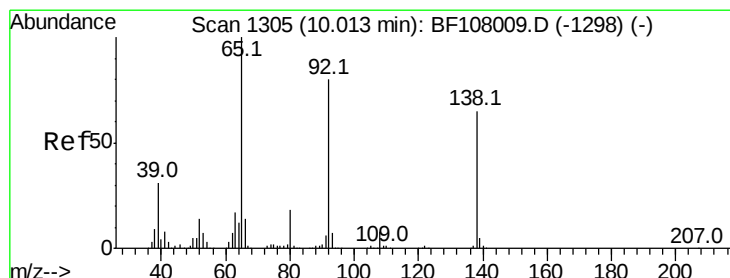
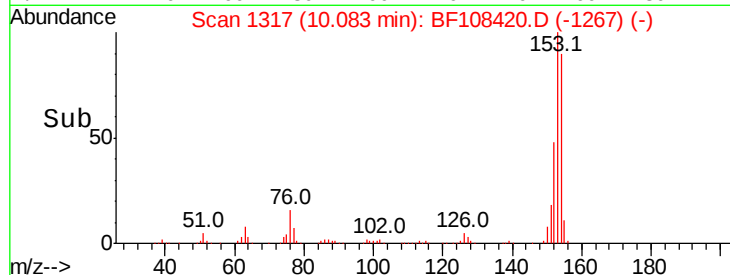
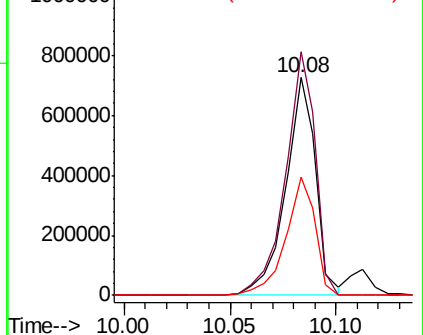
8/24/2018 12:13:55 PM



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 28.262 ng

RT: 10.00 min Scan# 1303

Delta R.T. -0.01 min

Lab File: BF108420.D

Acq: 23 Aug 2018 11:49

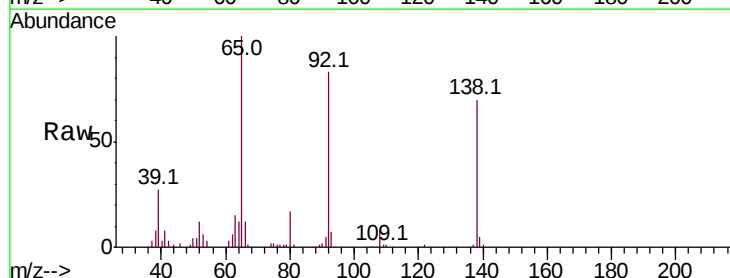
Tgt Ion:138 Resp: 127659

Ion Ratio Lower Upper

138 100

108 10.9 9.4 14.0

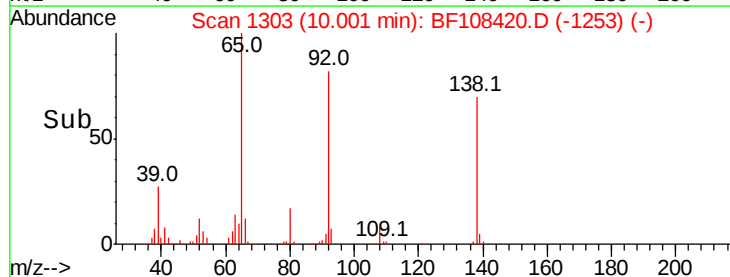
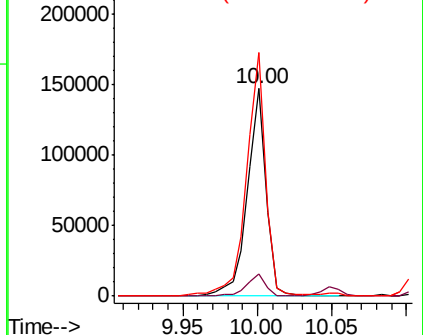
92 117.3 89.4 134.2

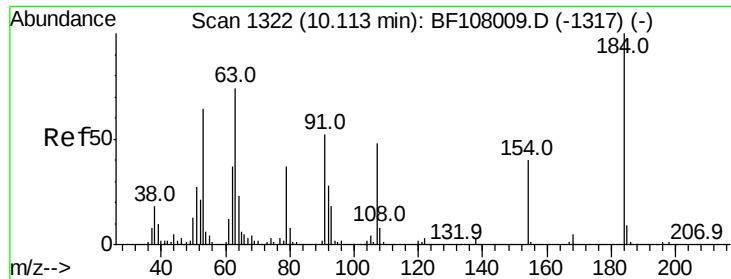


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF1





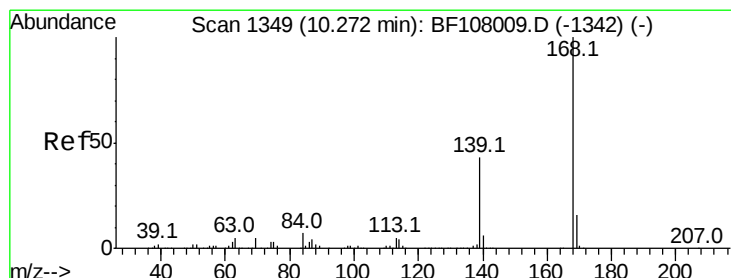
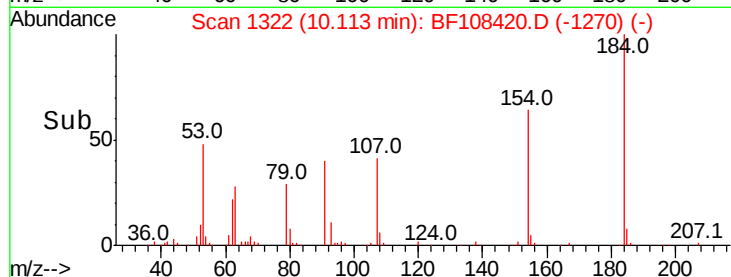
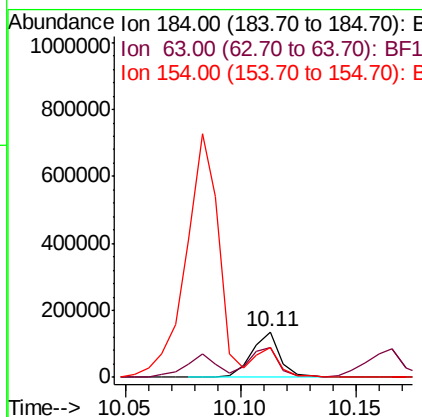
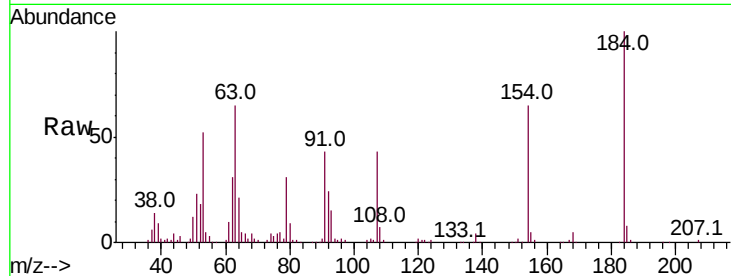
#53
 2,4-Dinitrophenol
 Concen: 76.816 ng
 RT: 10.11 min Scan# 1322
 Delta R.T. 0.01 min
 Lab File: BF108420.D
 Acq: 23 Aug 2018 11:49

Instrument :
 BNA_F
 ClientSampleId :
 PB112242BS

Tot Ion	Ratio	Resp	Lower	Upper
184	100	118211		
63	64.9	54.2	81.2	
154	64.7	184.0	276.0	

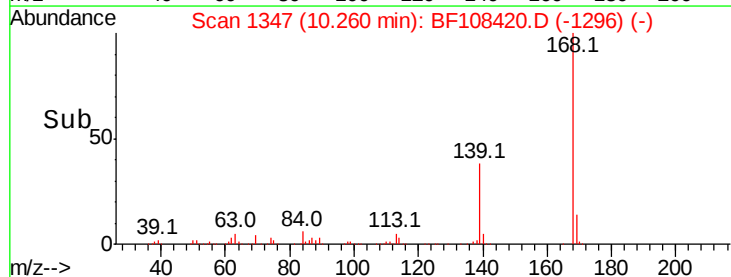
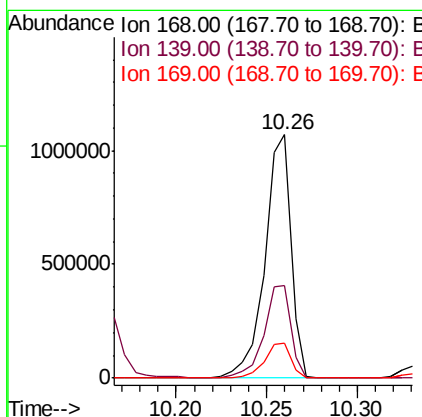
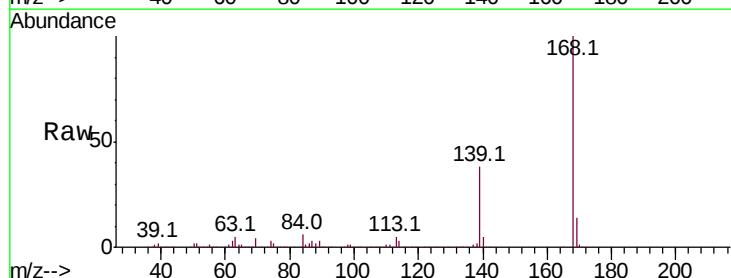
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#54
 Dibenzofuran
 Concen: 46.457 ng
 RT: 10.26 min Scan# 1347
 Delta R.T. -0.00 min
 Lab File: BF108420.D
 Acq: 23 Aug 2018 11:49

Tgt Ion	Ratio	Resp	Lower	Upper
168	100	1075864		
139	38.1	30.1	45.1	
169	14.2	10.9	16.3	





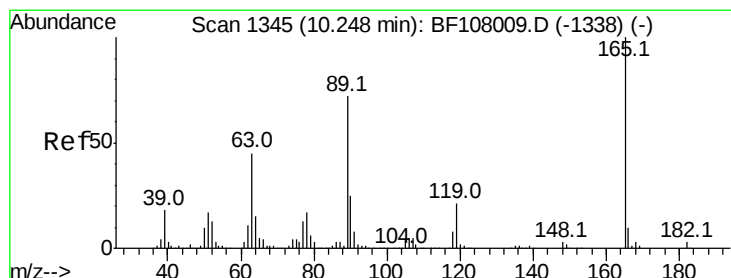
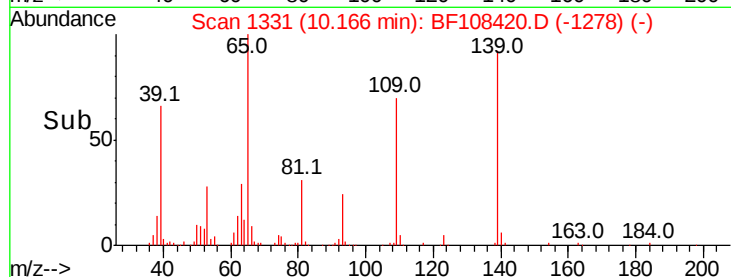
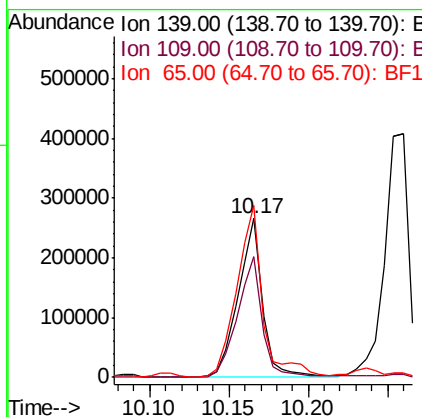
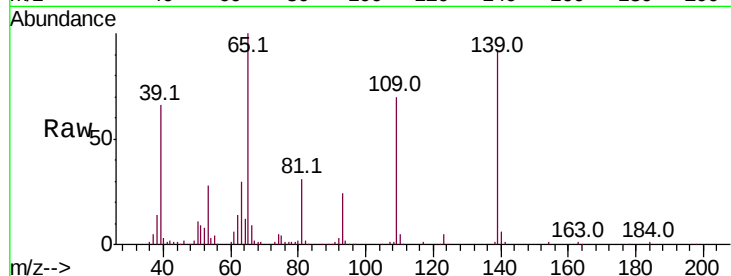
#55
4-Nitrophenol
Concen: 83.129 ng
RT: 10.17 min Scan# 1331
Delta R.T. 0.01 min
Lab File: BF108420.D
Acq: 23 Aug 2018 11:49

Instrument :
BNA_F
ClientSampleID :
PB112242BS

Tot Ion	Ratio	Lower	Upper
139	100		
109	76.0	48.4	88.4
65	108.4	72.6	112.6

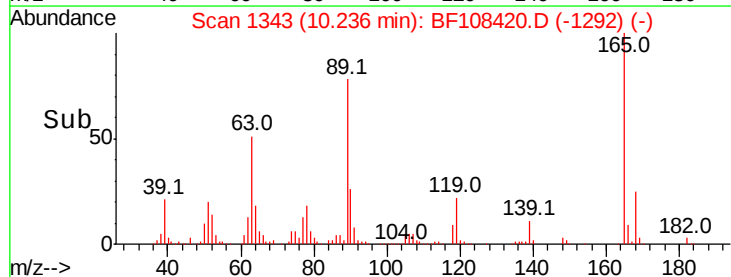
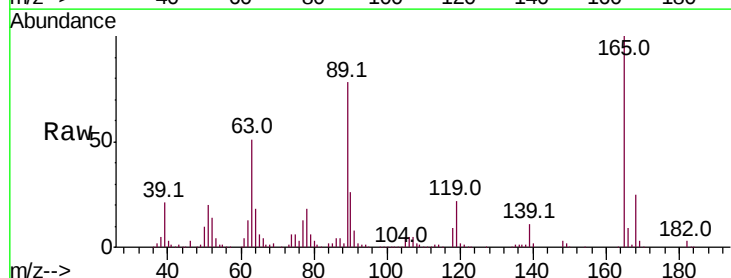
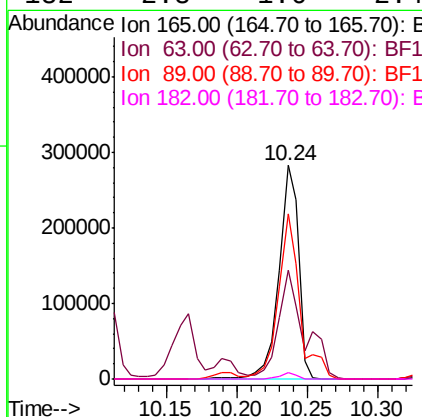
Manual Integrations
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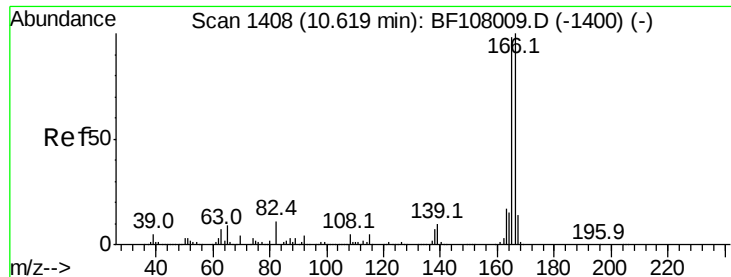
Sohil
8/24/2018 12:13:55 PM



#56
2,4-Dinitrotoluene
Concen: 51.644 ng
RT: 10.24 min Scan# 1343
Delta R.T. -0.00 min
Lab File: BF108420.D
Acq: 23 Aug 2018 11:49

Tgt Ion	Ratio	Lower	Upper
165	100		
63	51.1	36.4	54.6
89	77.5	57.8	86.6
182	2.8	1.6	2.4#





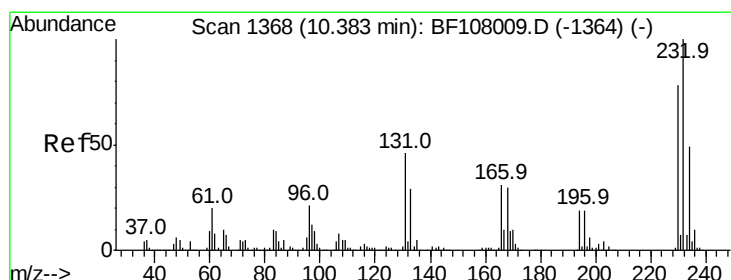
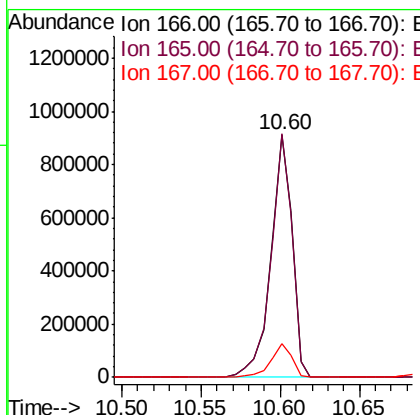
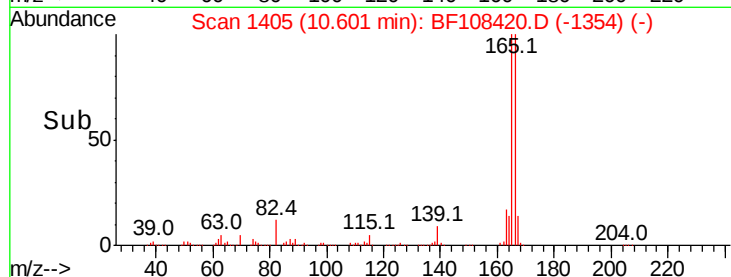
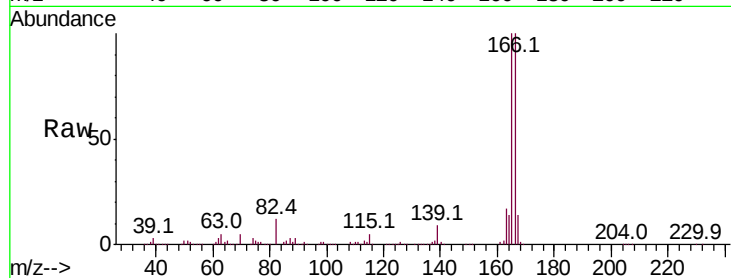
#57
 Fluorene
 Concen: 47.024 ng
 RT: 10.60 min Scan# 1405
 Delta R.T. -0.00 min
 Lab File: BF108420.D
 Acq: 23 Aug 2018 11:49

Instrument :
 BNA_F
 ClientSampleId :
 PB112242BS

Tot Ion	Ratio	Lower	Upper
166	100		
165	100.3	79.8	119.8
167	13.7	10.6	16.0

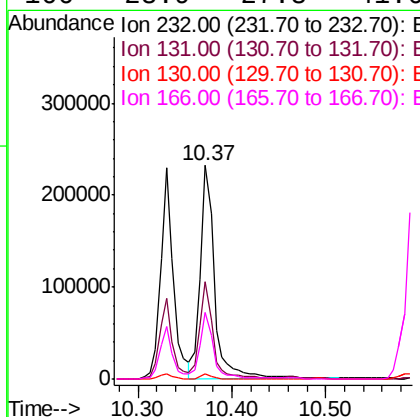
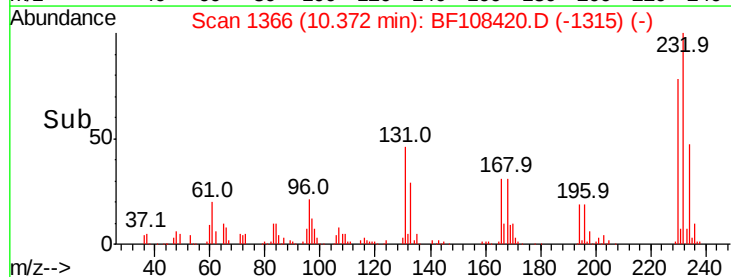
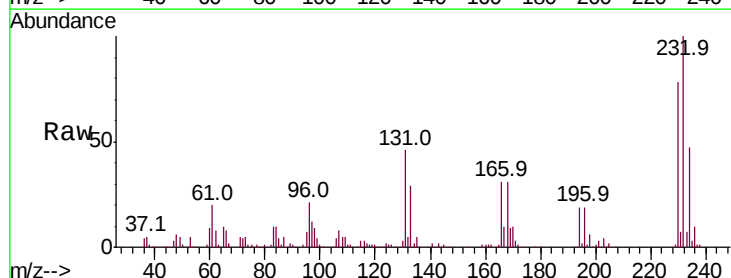
Manual Integrations
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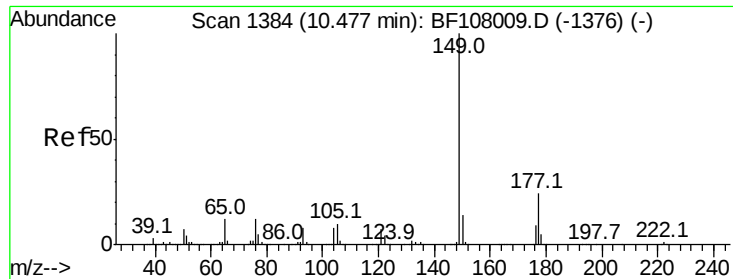
Sohil
 8/24/2018 12:13:55 PM



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 49.541 ng
 RT: 10.37 min Scan# 1366
 Delta R.T. -0.00 min
 Lab File: BF108420.D
 Acq: 23 Aug 2018 11:49

Tgt Ion	Ratio	Lower	Upper
232	100		
131	40.7	43.8	65.8#
130	2.2	2.1	3.1
166	28.9	27.8	41.6





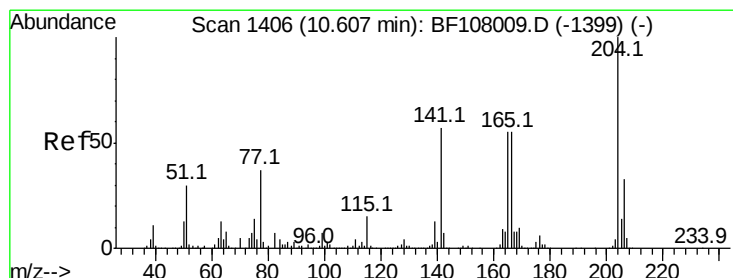
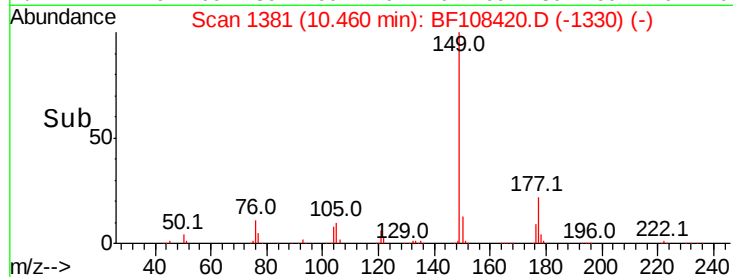
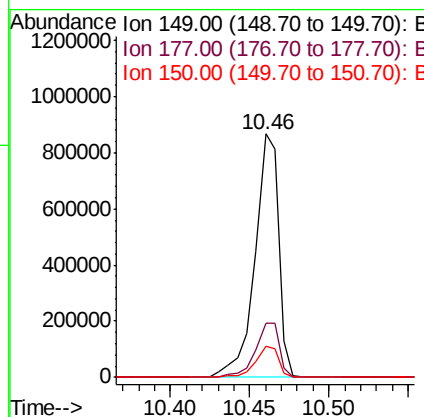
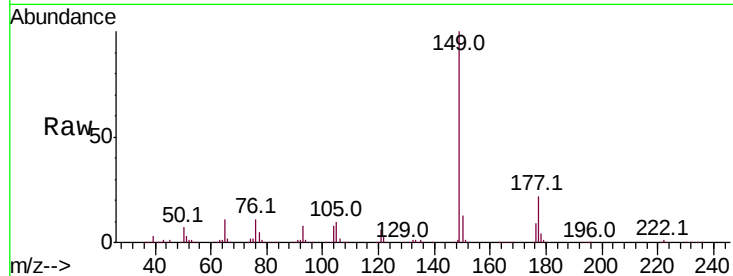
#59
 Diethylphthalate
 Concen: 47.142 ng
 RT: 10.46 min Scan# 1381
 Delta R.T. -0.00 min
 Lab File: BF108420.D
 Acq: 23 Aug 2018 11:49

Instrument :
 BNA_F
 ClientSampleId :
 PB112242BS

Tot Ion:	149	Resp:	900788
Ion Ratio	Lower	Upper	
149	100		
177	22.3	16.1	24.1
150	12.9	10.1	15.1

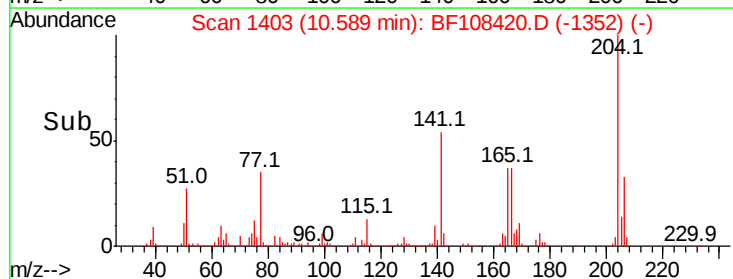
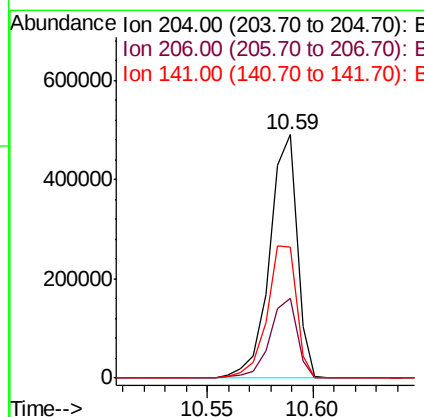
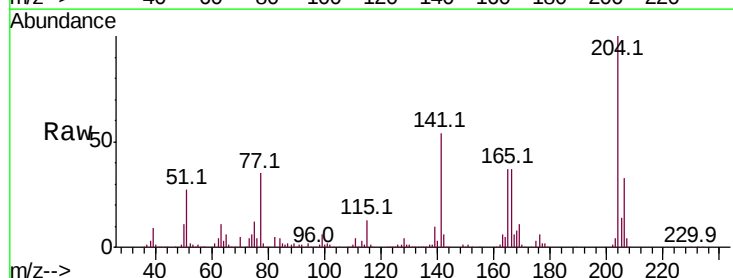
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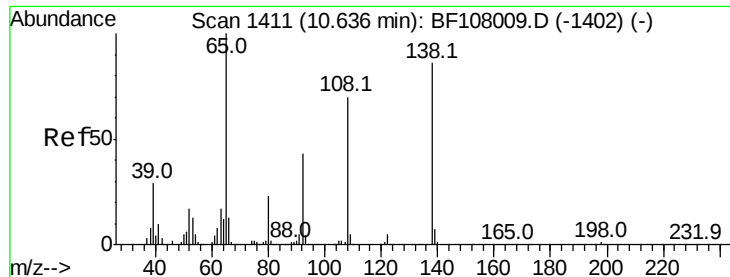
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#60
 4-Chlorophenyl-phenylether
 Concen: 46.882 ng
 RT: 10.59 min Scan# 1403
 Delta R.T. -0.00 min
 Lab File: BF108420.D
 Acq: 23 Aug 2018 11:49

Tgt Ion:	204	Resp:	447834
Ion Ratio	Lower	Upper	
204	100		
206	32.7	26.5	39.7
141	54.0	54.6	81.8#





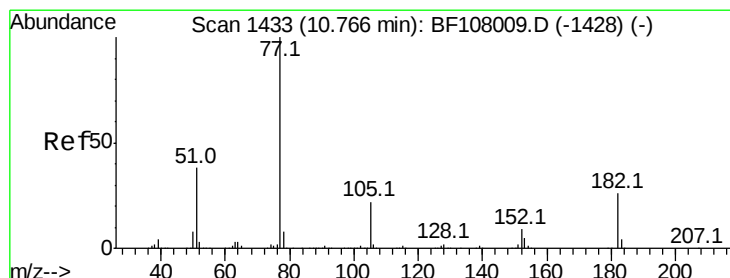
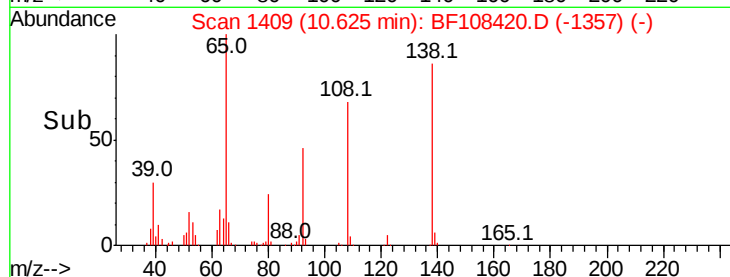
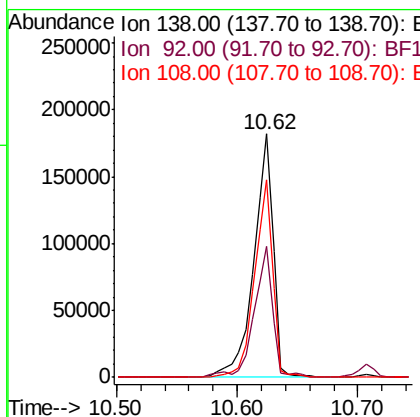
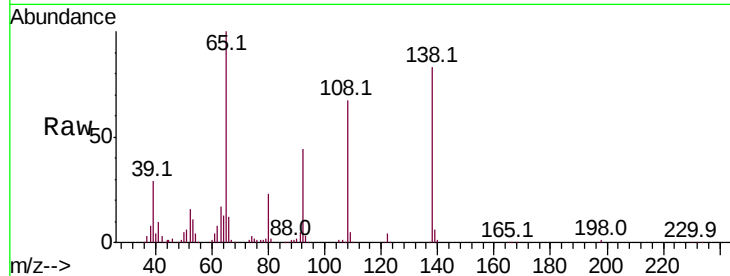
#61
4-Nitroaniline
Concen: 45.816 ng
RT: 10.62 min Scan# 1409
Delta R.T. 0.01 min
Lab File: BF108420.D
Acq: 23 Aug 2018 11:49

Instrument :
BNA_F
ClientSampleId :
PB112242BS

Tot Ion	Ratio	Resp	Lower	Upper
138	100	204610		
92	53.6	30.2	70.2	
108	80.9	52.5	92.5	

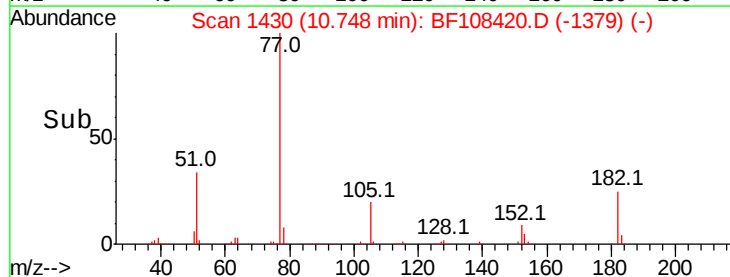
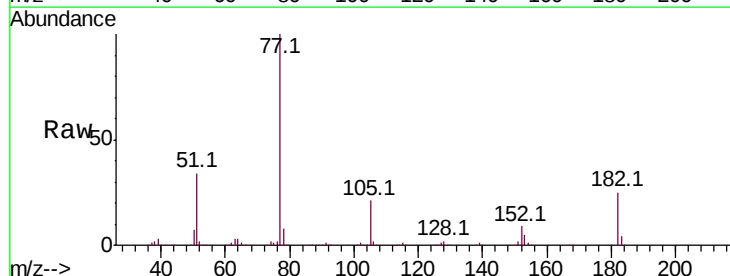
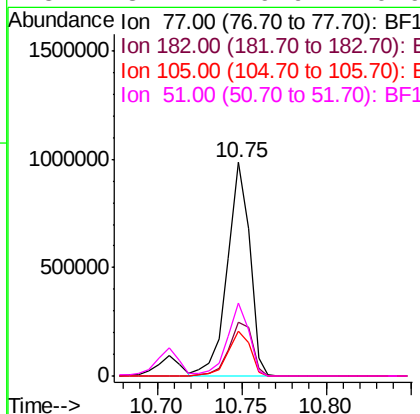
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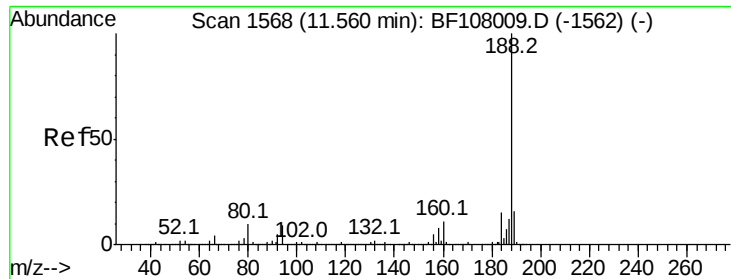
Sohil
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#62
Azobenzene
Concen: 45.789 ng
RT: 10.75 min Scan# 1430
Delta R.T. -0.00 min
Lab File: BF108420.D
Acq: 23 Aug 2018 11:49

Tgt Ion	Ratio	Resp	Lower	Upper
77	100	903565		
182	24.9	1.7	41.7	
105	21.2	3.0	43.0	
51	34.4	9.9	49.9	





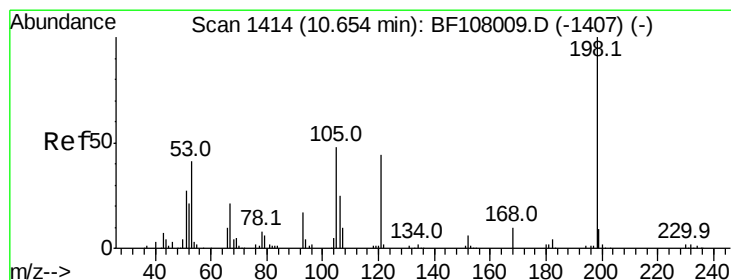
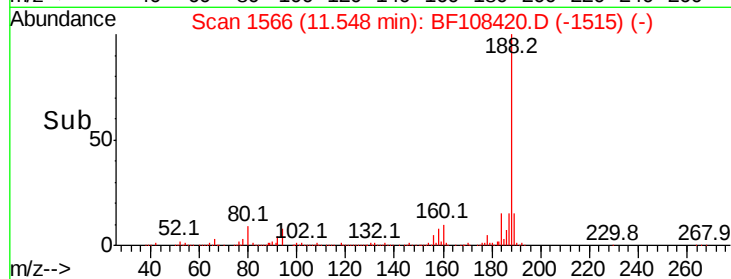
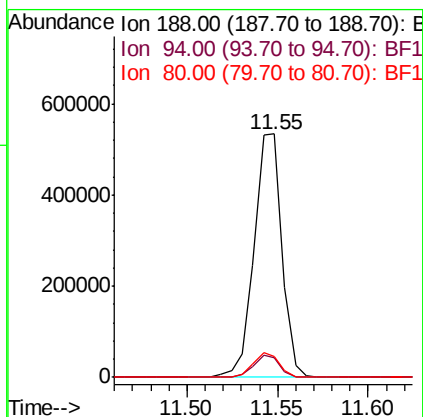
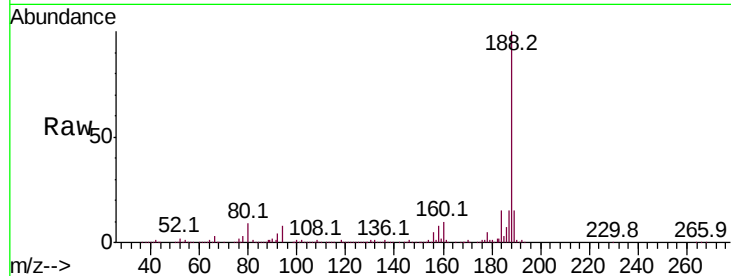
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.55 min Scan# 1566
Delta R.T. -0.00 min
Lab File: BF108420.D
Acq: 23 Aug 2018 11:49

Instrument :
BNA_F
ClientSampleId :
PB112242BS

Tot Ion	Ratio	Resp	Lower	Upper
188	100			
94	7.8	8.5	12.7#	
80	8.6	9.2	13.8#	

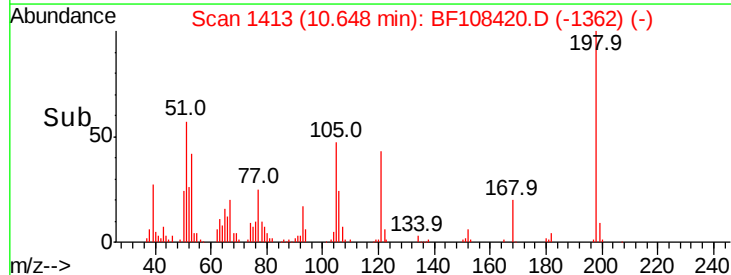
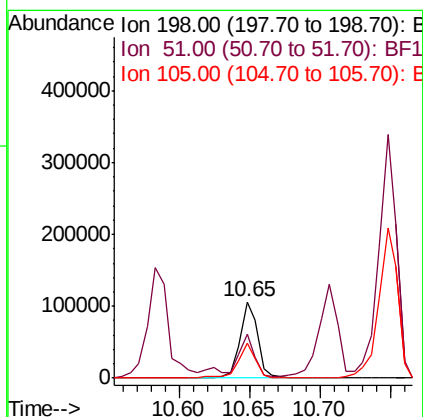
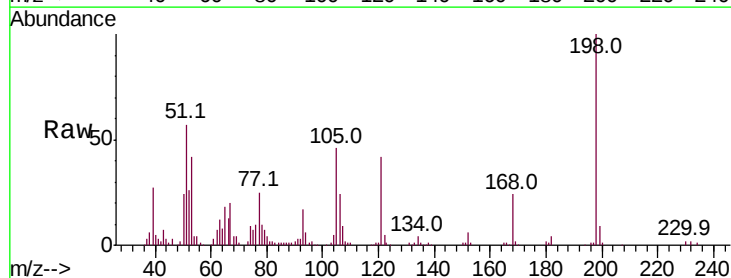
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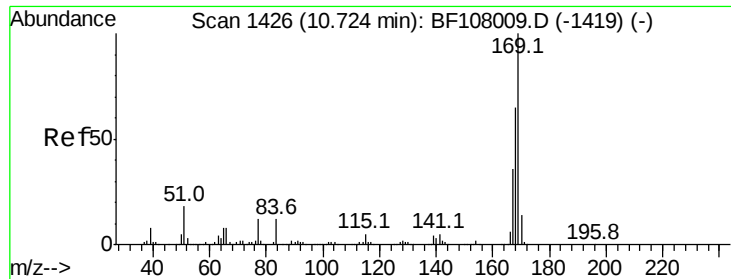
Sohil
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#64
4,6-Dinitro-2-methylphenol
Concen: 44.045 ng
RT: 10.65 min Scan# 1413
Delta R.T. -0.00 min
Lab File: BF108420.D
Acq: 23 Aug 2018 11:49

Tgt Ion	Ratio	Resp	Lower	Upper
198	100			
51	57.1	37.7	77.7	
105	46.3	36.3	76.3	





#65

n-Nitrosodiphenylamine

Concen: 46.236 ng

RT: 10.71 min Scan# 1423

Delta R.T. -0.00 min

Lab File: BF108420.D

Acq: 23 Aug 2018 11:49

Instrument :

BNA_F

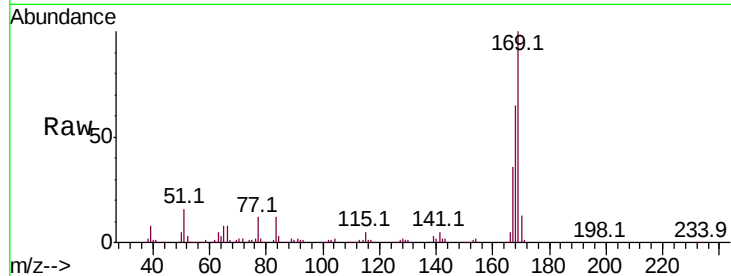
ClientSampleId :

PB112242BS

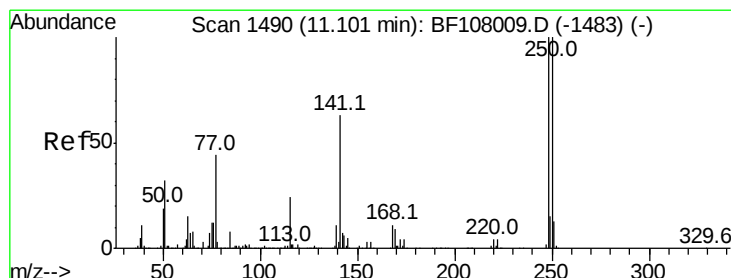
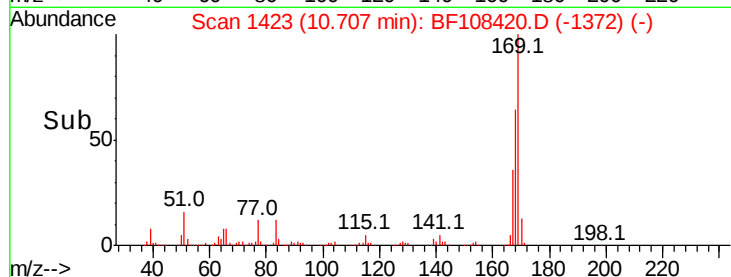
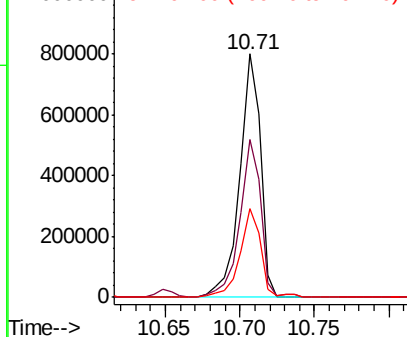
Tot Ion:	169	Resp:	777131
Ion Ratio	Lower	Upper	
169	100		
168	64.7	54.4	81.6
167	36.3	29.8	44.6

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



#66

4-Bromophenyl-phenylether

Concen: 47.179 ng

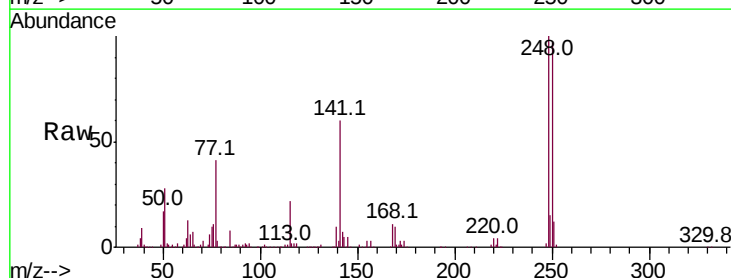
RT: 11.08 min Scan# 1487

Delta R.T. -0.00 min

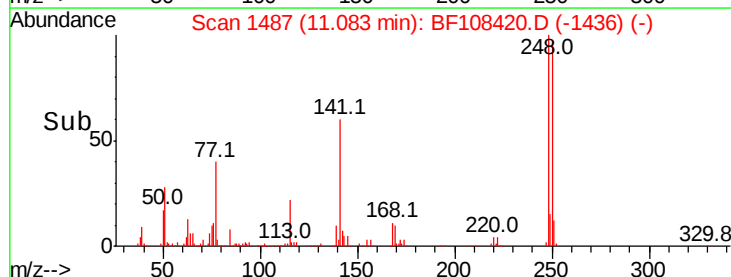
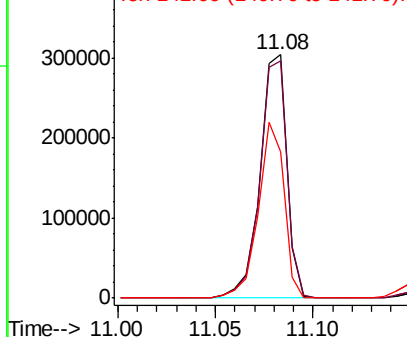
Lab File: BF108420.D

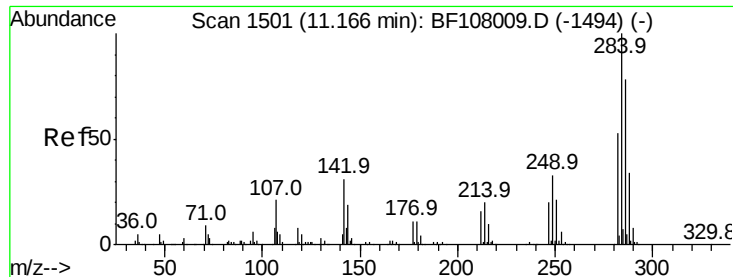
Acq: 23 Aug 2018 11:49

Tgt Ion:	248	Resp:	291619
Ion Ratio	Lower	Upper	
248	100		
250	97.5	76.9	115.3
141	60.3	74.4	111.6#



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





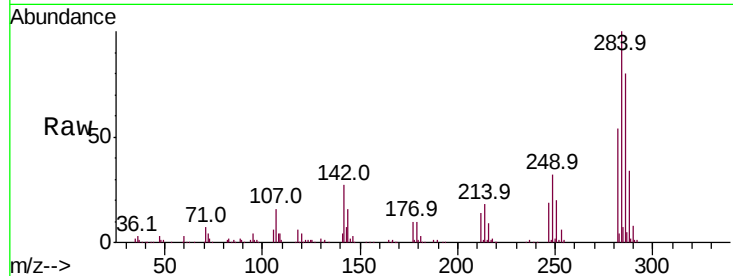
#67
Hexachlorobenzene
Concen: 46.800 ng
RT: 11.15 min Scan# 1499
Delta R.T. -0.00 min
Lab File: BF108420.D
Acq: 23 Aug 2018 11:49

Instrument :
BNA_F
ClientSampleId :
PB112242BS

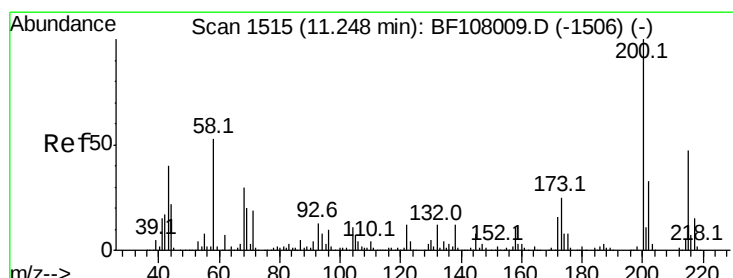
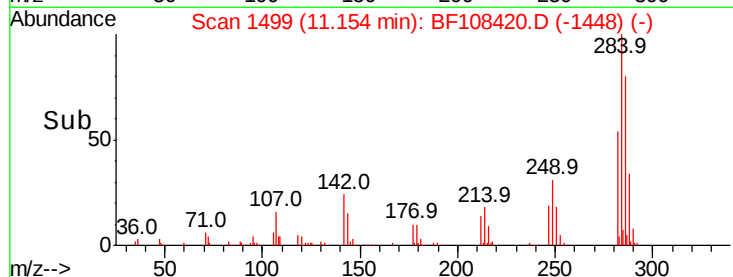
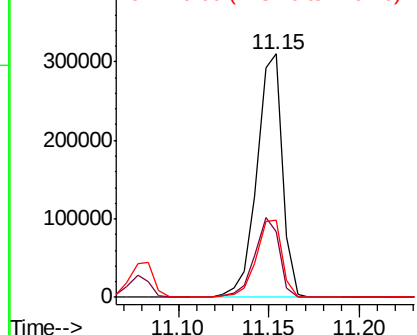
Tot Ion	Ratio	Resp	Lower	Upper
284	100			
142	26.8	34.6	52.0	
249	31.7	24.8	37.2	

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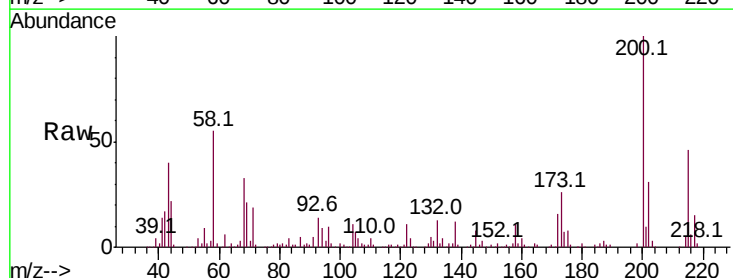


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

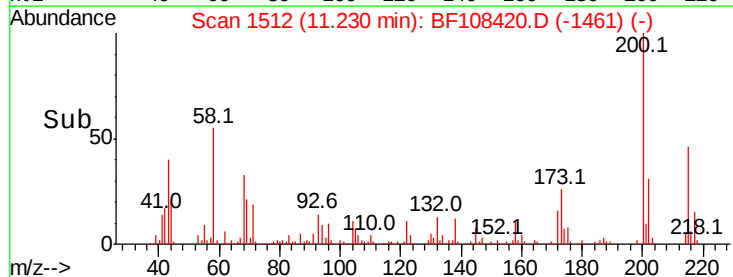
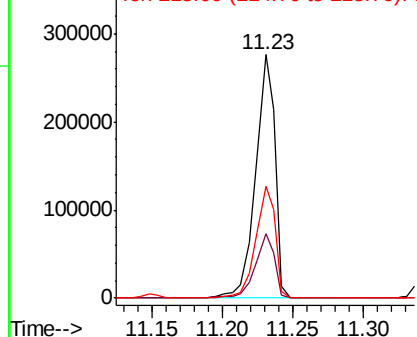


#68
Atrazine
Concen: 47.584 ng
RT: 11.23 min Scan# 1512
Delta R.T. -0.00 min
Lab File: BF108420.D
Acq: 23 Aug 2018 11:49

Tgt Ion	Ratio	Resp	Lower	Upper
200	100			
173	26.4	8.6	48.6	
215	46.2	25.1	65.1	



Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E





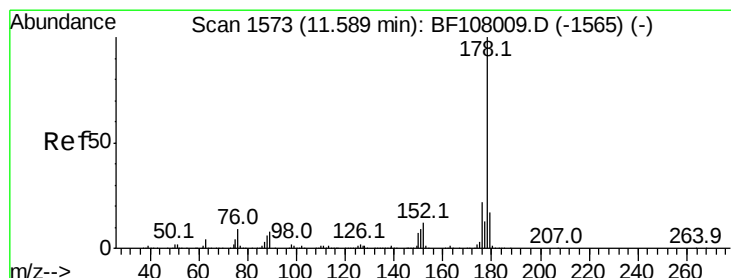
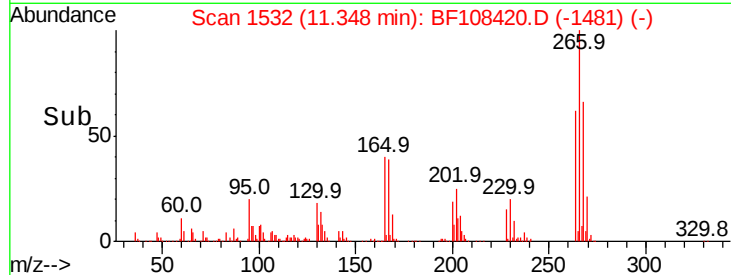
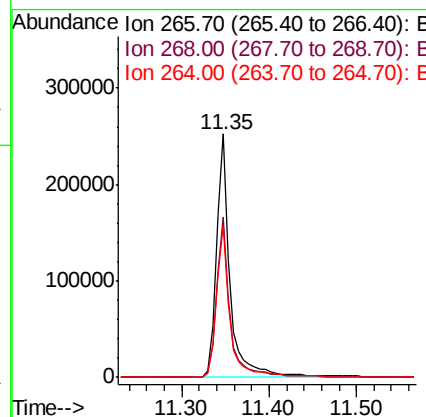
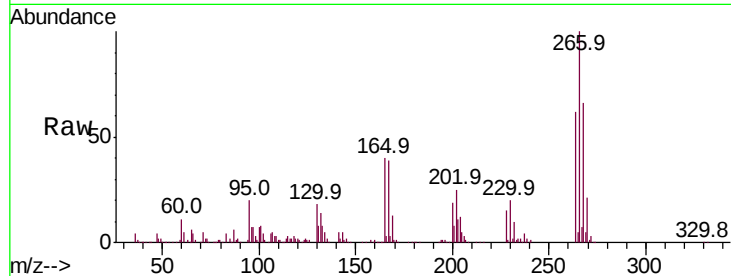
#69
 Pentachlorophenol
 Concen: 87.953 ng
 RT: 11.35 min Scan# 1532
 Delta R.T. -0.00 min
 Lab File: BF108420.D
 Acq: 23 Aug 2018 11:49

Instrument :
 BNA_F
 ClientSampleId :
 PB112242BS

Tot Ion	Ratio	Resp	Lower	Upper
266	100	273784		
268	65.6		51.1	76.7
264	62.3		49.5	74.3

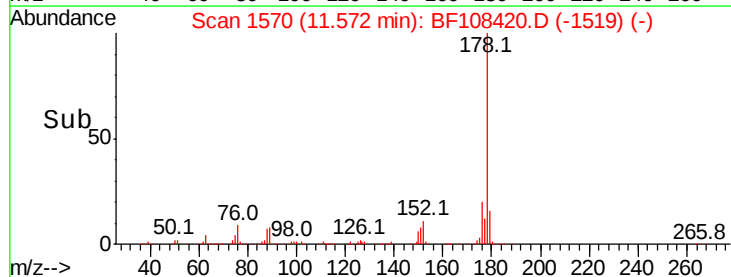
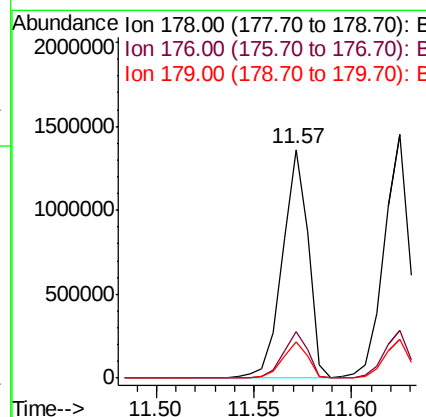
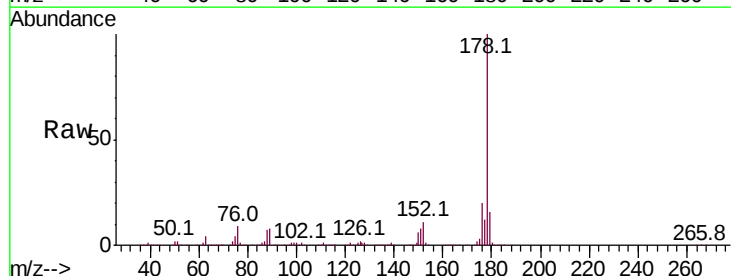
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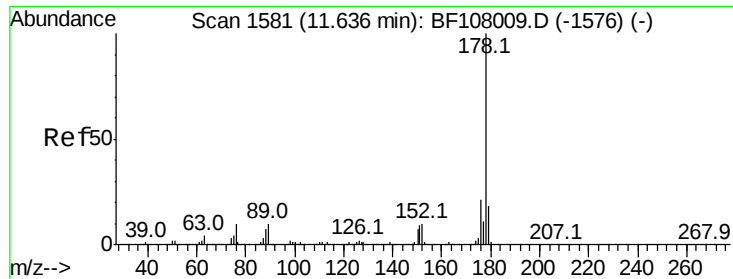
Sohil
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#70
 Phenanthrene
 Concen: 46.325 ng
 RT: 11.57 min Scan# 1570
 Delta R.T. -0.00 min
 Lab File: BF108420.D
 Acq: 23 Aug 2018 11:49

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	1242761		
176	20.3		15.8	23.8
179	15.9		13.0	19.6





#71

Anthracene

Concen: 46.575 ng

RT: 11.62 min Scan# 1579

Delta R.T. -0.00 min

Lab File: BF108420.D

Acq: 23 Aug 2018 11:49

Instrument :

BNA_F

ClientSampleId :

PB112242BS

Tot Ion:178 Resp: 1280617

Ion Ratio Lower Upper

178 100

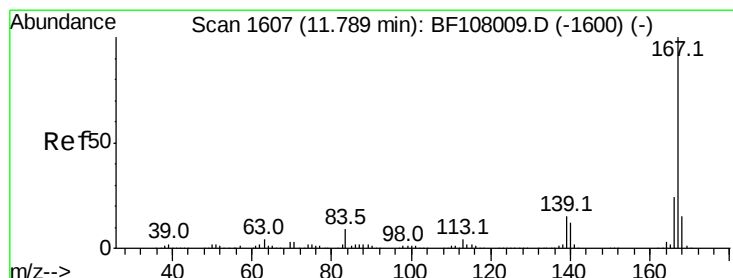
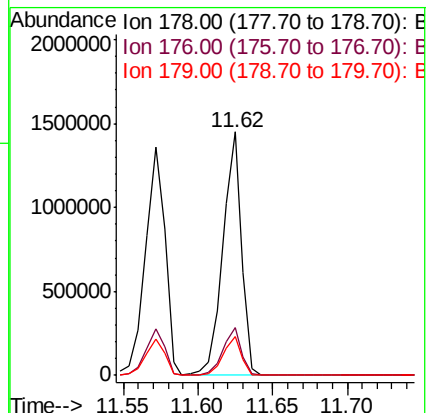
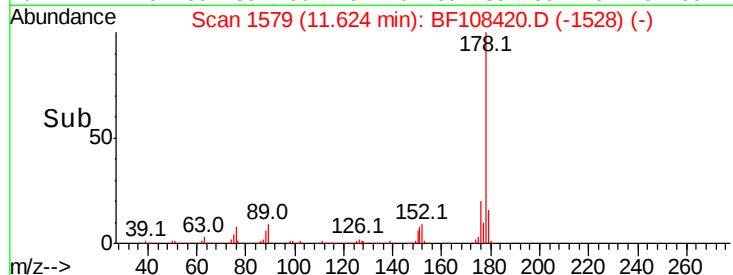
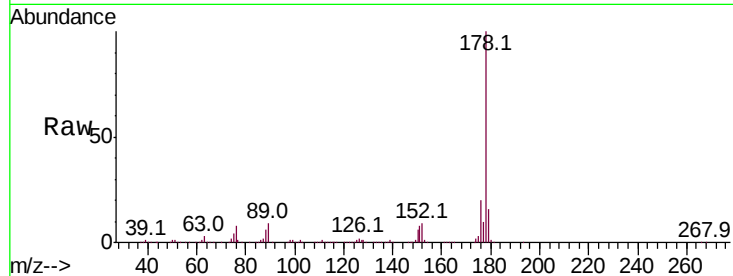
176 19.7 15.4 23.2

179 15.9 12.6 19.0

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#72

Carbazole

Concen: 44.687 ng

RT: 11.78 min Scan# 1605

Delta R.T. -0.00 min

Lab File: BF108420.D

Acq: 23 Aug 2018 11:49

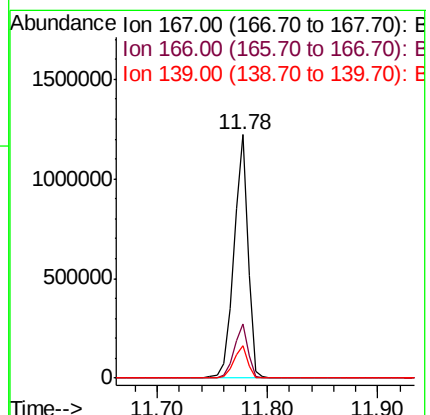
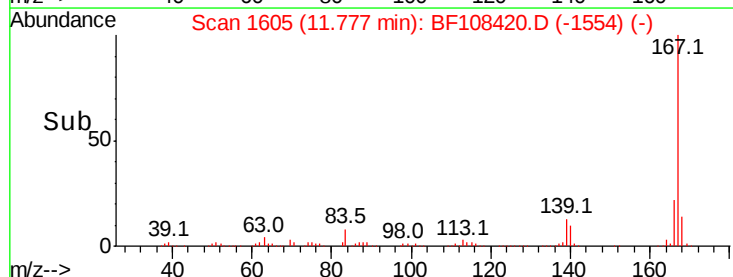
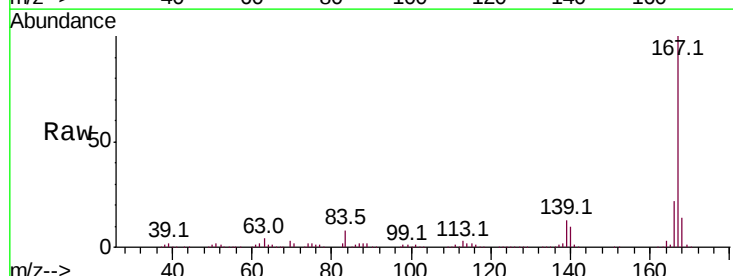
Tgt Ion:167 Resp: 1091686

Ion Ratio Lower Upper

167 100

166 22.4 17.6 26.4

139 13.5 10.9 16.3





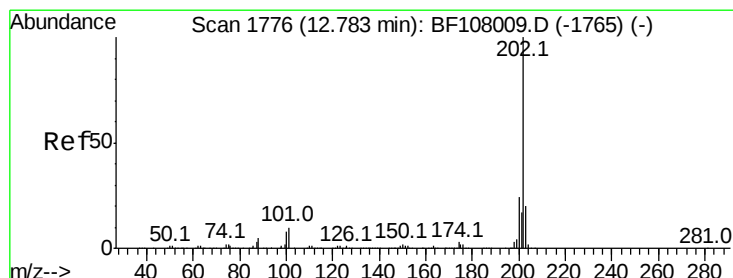
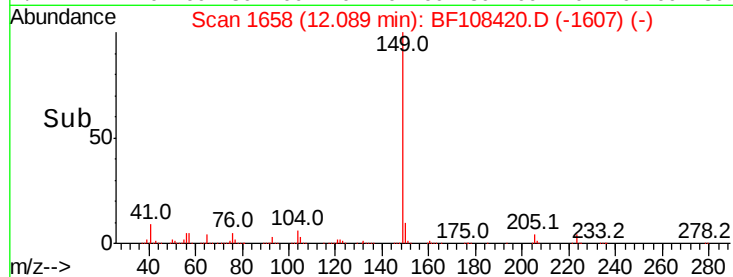
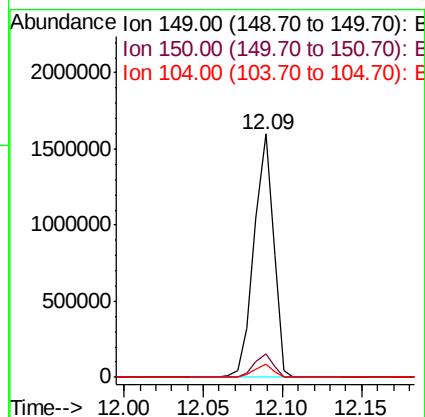
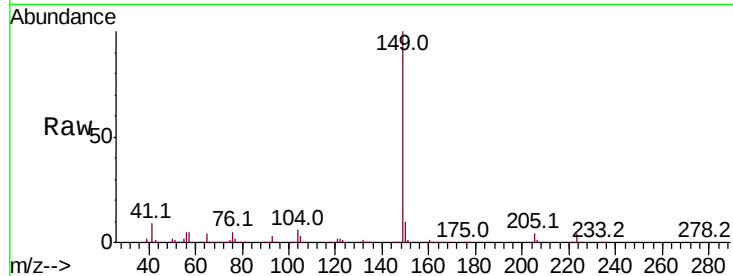
#73
Di-n-butylphthalate
Concen: 49.510 ng
RT: 12.09 min Scan# 1658
Delta R.T. -0.00 min
Lab File: BF108420.D
Acq: 23 Aug 2018 11:49

Instrument :
BNA_F
ClientSampleId :
PB112242BS

Tot Ion	Ratio	Lower	Upper
149	100		
150	9.8	7.8	11.6
104	5.5	3.8	5.8

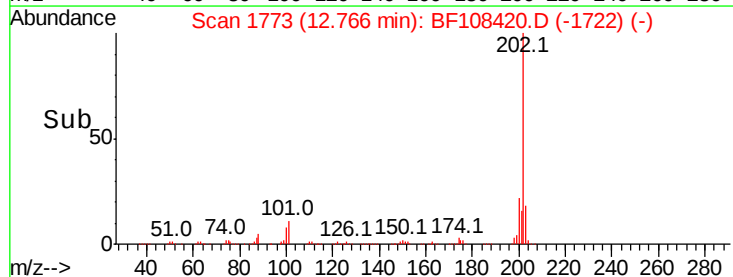
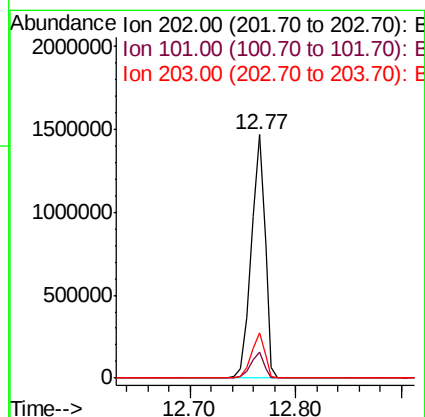
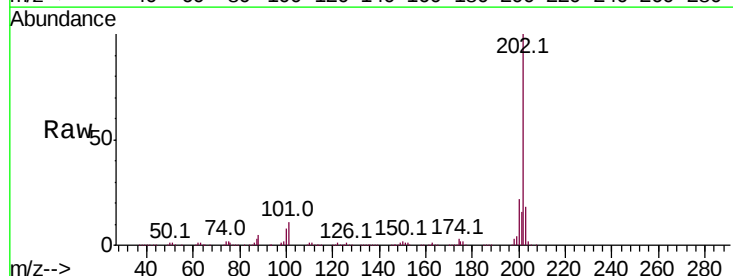
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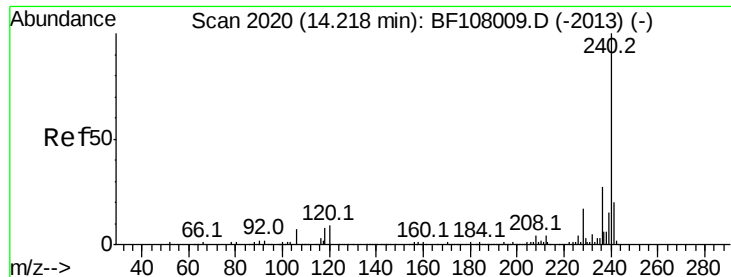
Sohil
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#74
Fluoranthene
Concen: 45.285 ng
RT: 12.77 min Scan# 1773
Delta R.T. -0.00 min
Lab File: BF108420.D
Acq: 23 Aug 2018 11:49

Tgt Ion	Ratio	Lower	Upper
202	100		
101	10.8	0.0	34.1
203	18.3	0.0	38.1





#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.20 min Scan# 2017

Delta R.T. -0.00 min

Lab File: BF108420.D

Acq: 23 Aug 2018 11:49

Instrument :

BNA_F

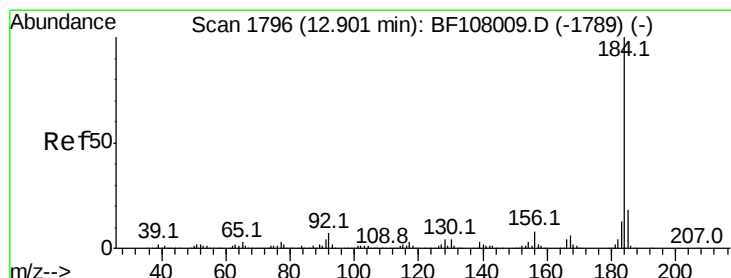
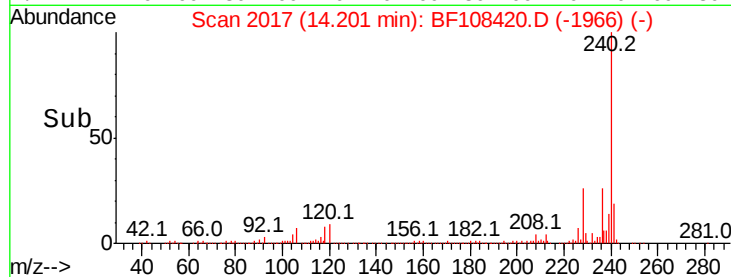
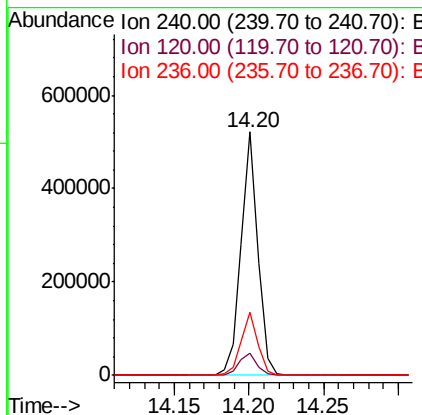
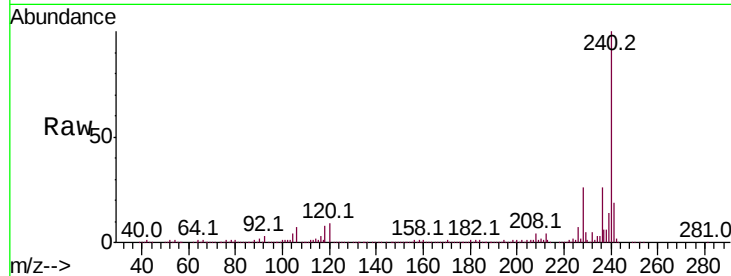
ClientSampleId :

PB112242BS

Tot Ion	Ratio	Lower	Upper
240	100		
120	9.3	9.5	14.3#
236	25.9	20.7	31.1

Manual Integrations
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#76

Benzidine

Concen: 40.704 ng

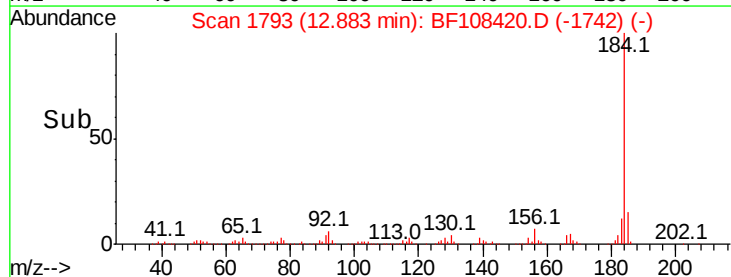
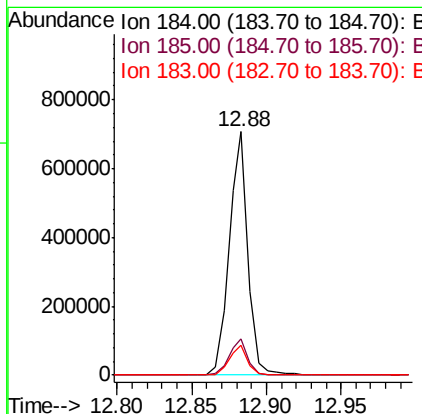
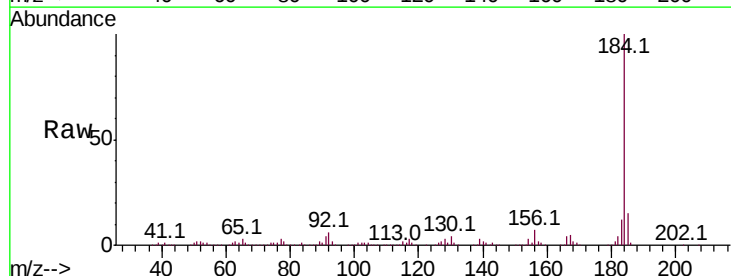
RT: 12.88 min Scan# 1793

Delta R.T. -0.00 min

Lab File: BF108420.D

Acq: 23 Aug 2018 11:49

Tgt Ion	Ratio	Lower	Upper
184	100		
185	14.7	12.6	18.8
183	12.1	9.3	13.9





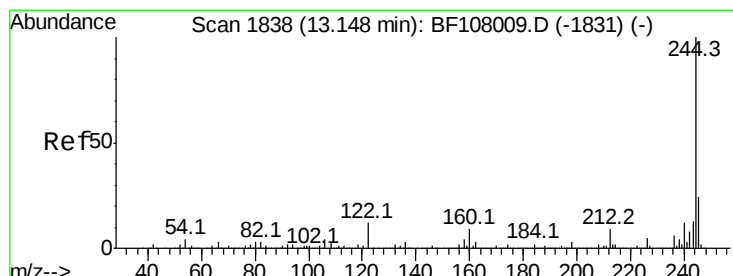
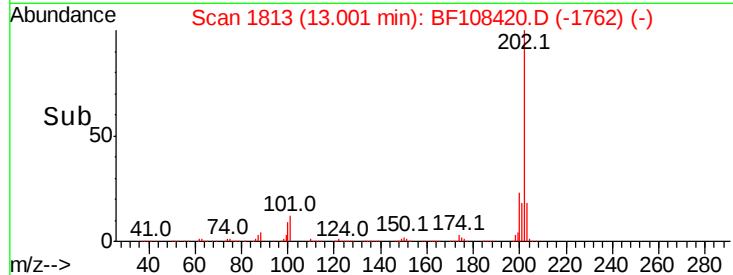
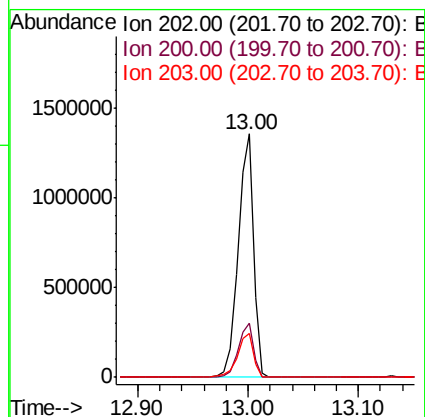
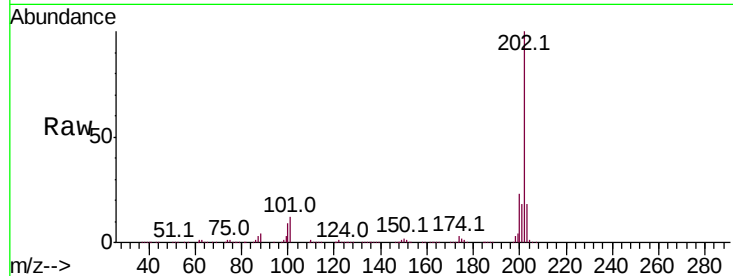
#77
Pvrene
Concen: 50.787 ng
RT: 13.00 min Scan# 1813
Delta R.T. -0.00 min
Lab File: BF108420.D
Acq: 23 Aug 2018 11:49

Instrument :
BNA_F
ClientSampleId :
PB112242BS

Tot Ion	Ratio	Lower	Upper
202	100		
200	22.5	17.4	26.2
203	18.1	14.3	21.5

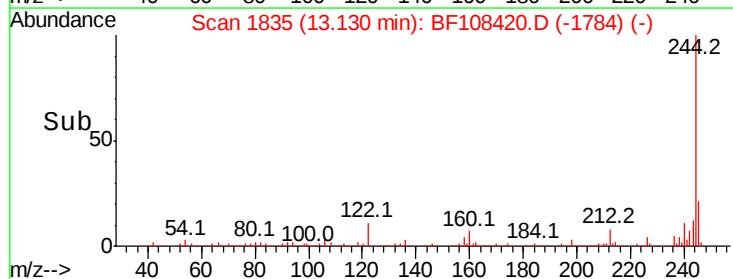
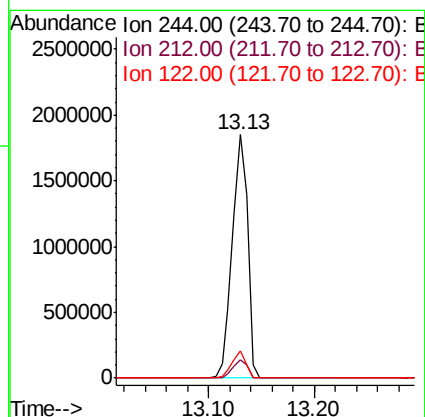
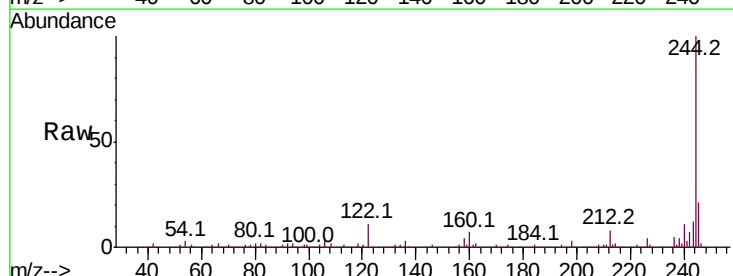
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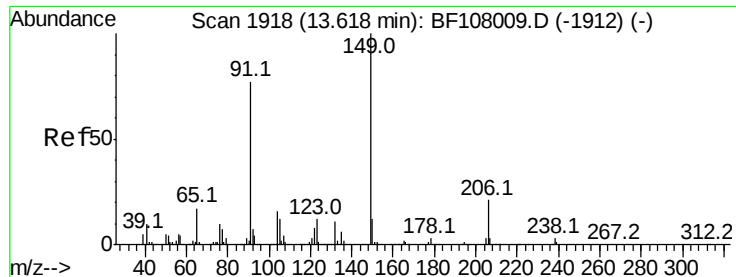
Sohil
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#78
Terphenyl-d14
Concen: 115.027 ng
RT: 13.13 min Scan# 1835
Delta R.T. -0.00 min
Lab File: BF108420.D
Acq: 23 Aug 2018 11:49

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.6	5.4	8.0
122	11.3	11.0	16.4





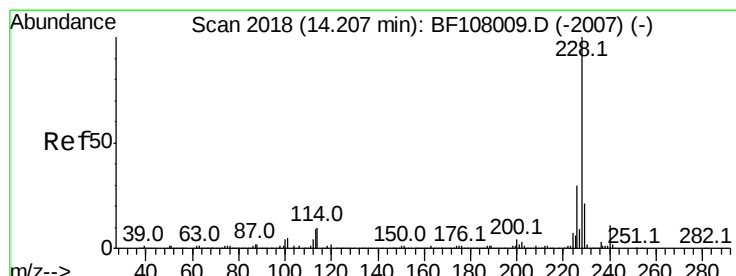
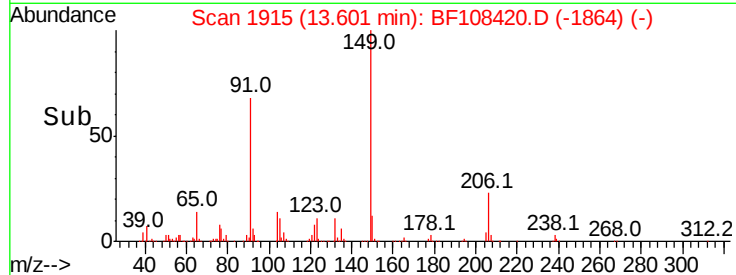
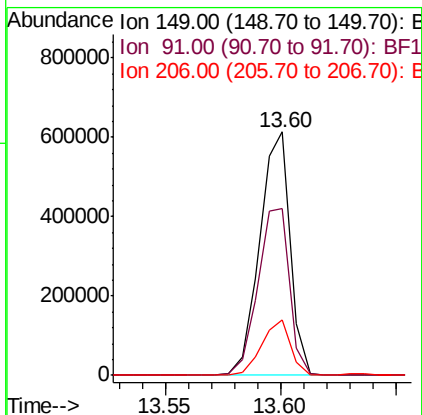
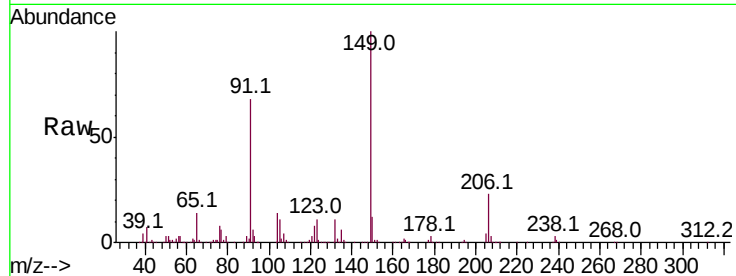
#79
Butylbenzylphthalate
Concen: 54.544 ng
RT: 13.60 min Scan# 1915
Delta R.T. -0.00 min
Lab File: BF108420.D
Acq: 23 Aug 2018 11:49

Instrument :
BNA_F
ClientSampleId :
PB112242BS

Tot Ion	Ratio	Lower	Upper
149	100		
91	68.5	56.8	85.2
206	22.8	14.1	21.1

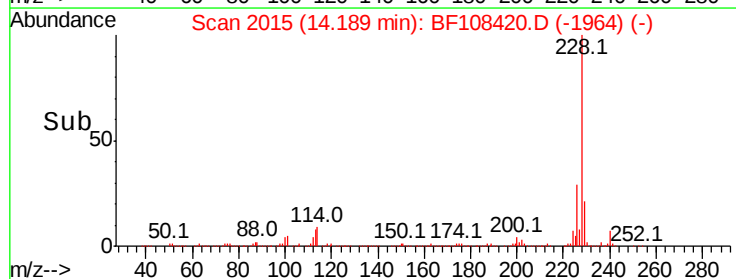
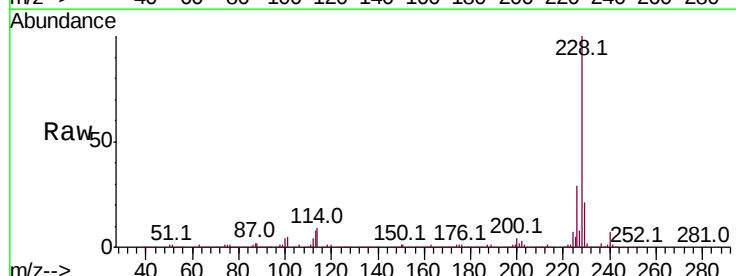
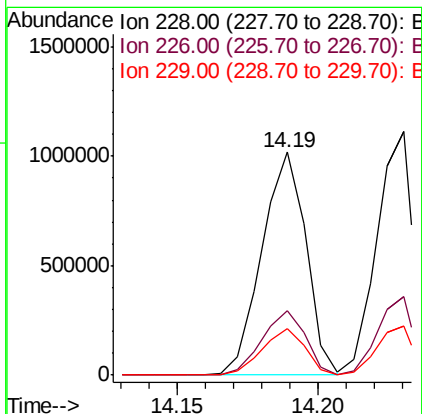
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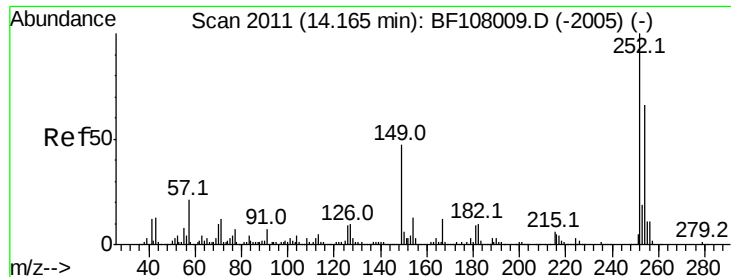
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#80
Benzo(a)anthracene
Concen: 46.826 ng
RT: 14.19 min Scan# 2015
Delta R.T. -0.00 min
Lab File: BF108420.D
Acq: 23 Aug 2018 11:49

Tgt Ion	Ratio	Lower	Upper
228	100		
226	28.8	22.6	33.8
229	20.7	15.8	23.6





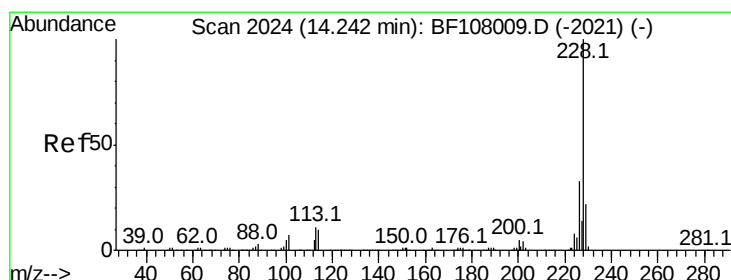
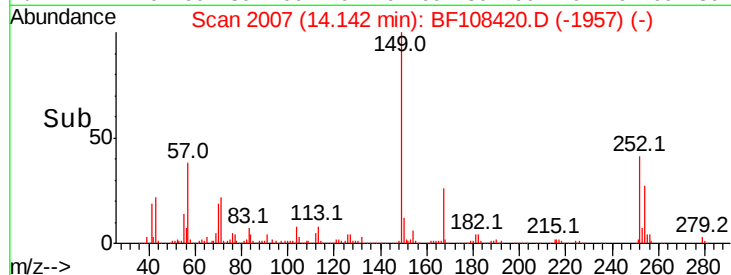
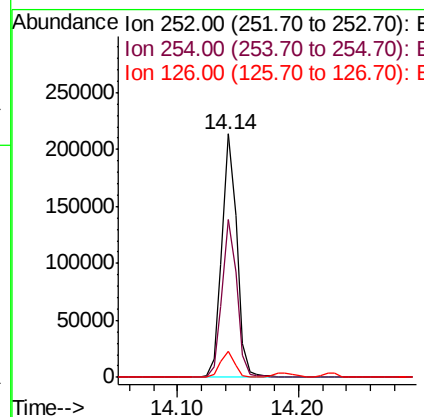
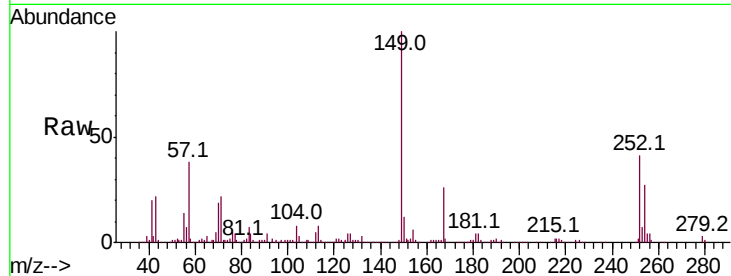
#81
 3,3'-Dichlorobenzidine
 Concen: 21.622 ng
 RT: 14.14 min Scan# 2007
 Delta R.T. -0.01 min
 Lab File: BF108420.D
 Acq: 23 Aug 2018 11:49

Instrument :
 BNA_F
 ClientSampled :
 PB112242BS

Tot Ion	Ratio	Resp Lower	Upper
252	100		
254	64.9	50.4	75.6
126	10.5	11.3	16.9

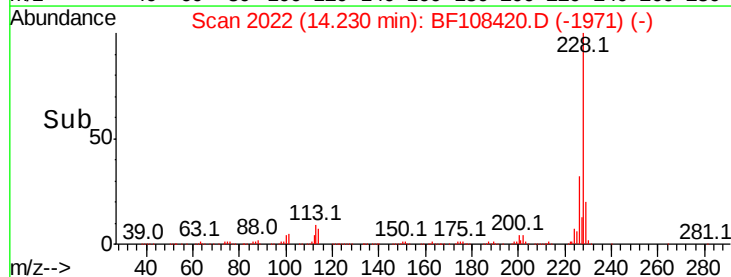
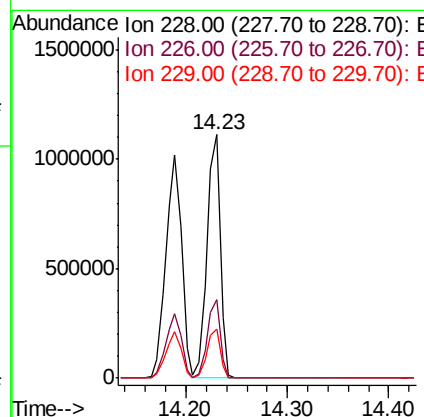
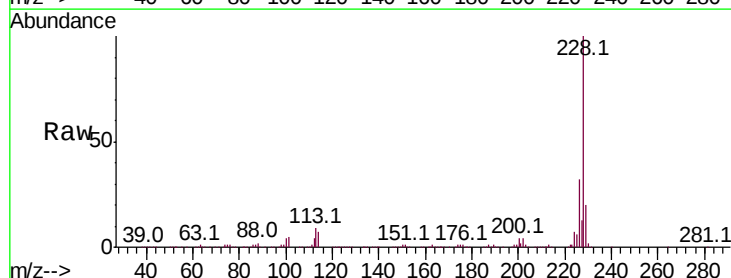
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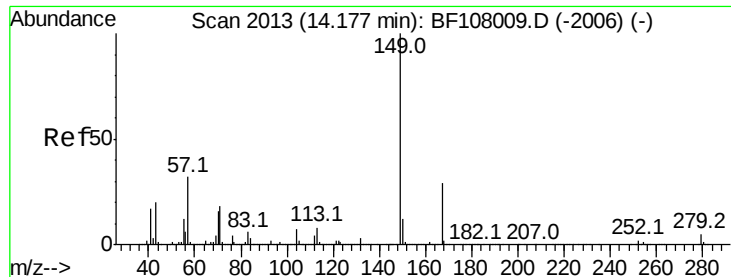
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#82
 Chrysene
 Concen: 46.652 ng
 RT: 14.23 min Scan# 2022
 Delta R.T. -0.00 min
 Lab File: BF108420.D
 Acq: 23 Aug 2018 11:49

Tgt Ion	Ratio	Resp Lower	Upper
228	100		
226	32.3	25.0	37.6
229	20.1	16.2	24.4





#83

Bis(2-ethylhexyl)phthalate

Concen: 55.202 ng

RT: 14.15 min Scan# 2008

Delta R.T. -0.00 min

Lab File: BF108420.D

Acq: 23 Aug 2018 11:49

Instrument :

BNA_F

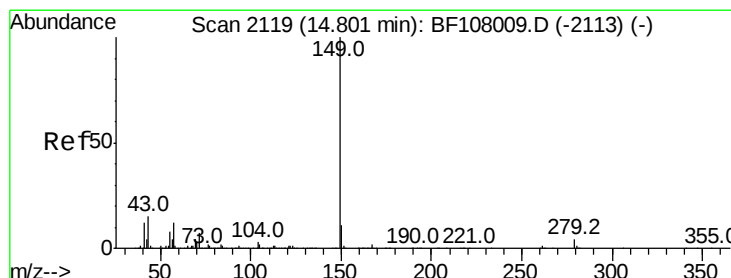
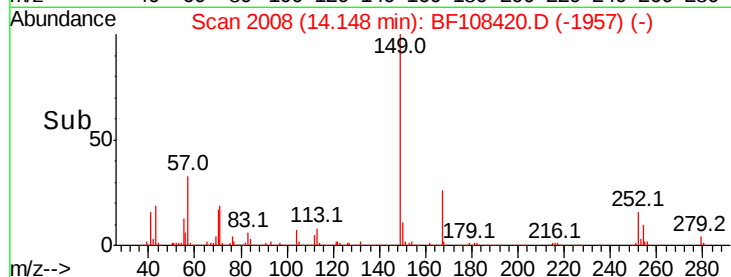
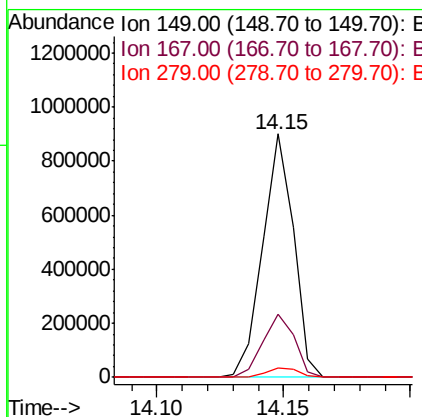
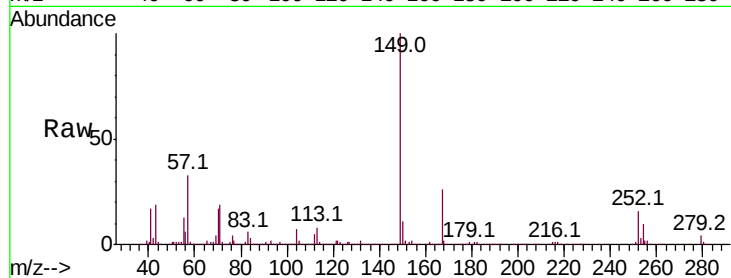
ClientSampleId :

PB112242BS

Tot Ion:	149	Resp:	771634
Ion Ratio	Lower	Upper	
149	100		
167	26.0	21.3	31.9
279	4.1	3.0	4.4

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#84

Di-n-octyl phthalate

Concen: 56.622 ng

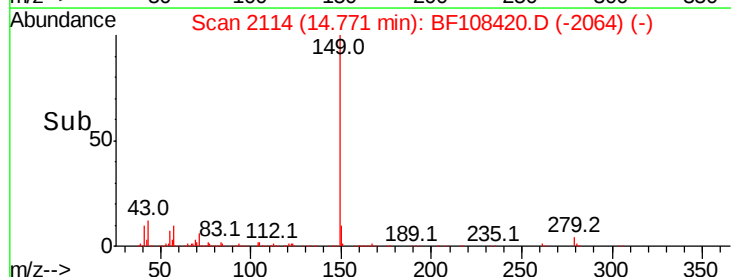
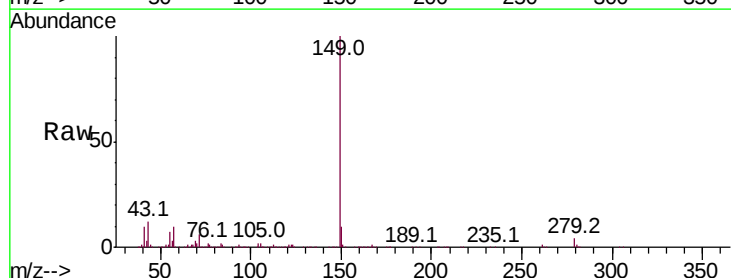
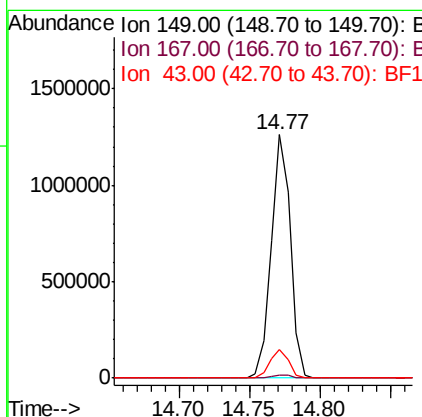
RT: 14.77 min Scan# 2114

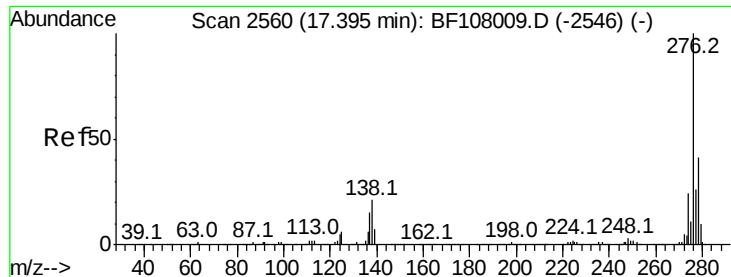
Delta R.T. -0.01 min

Lab File: BF108420.D

Acq: 23 Aug 2018 11:49

Tgt Ion:	149	Resp:	1207085
Ion Ratio	Lower	Upper	
149	100		
167	1.5	1.2	1.8
43	11.7	8.4	12.6





#85

Indeno(1,2,3-cd)pyrene

Concen: 41.146 ng

RT: 17.37 min Scan# 2556

Delta R.T. -0.00 min

Lab File: BF108420.D

Acq: 23 Aug 2018 11:49

Instrument :

BNA_F

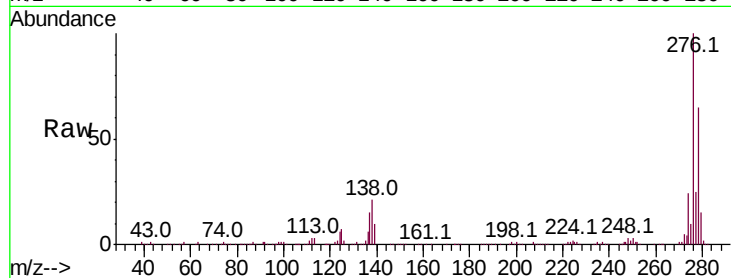
ClientSampleId :

PB112242BS

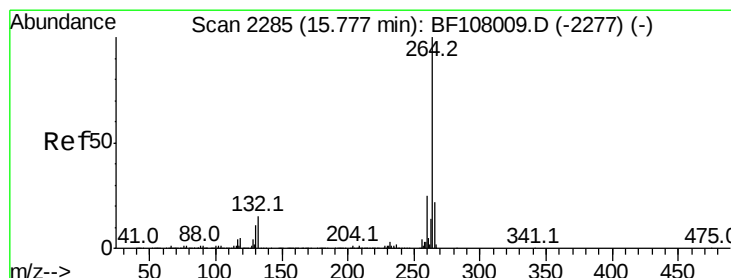
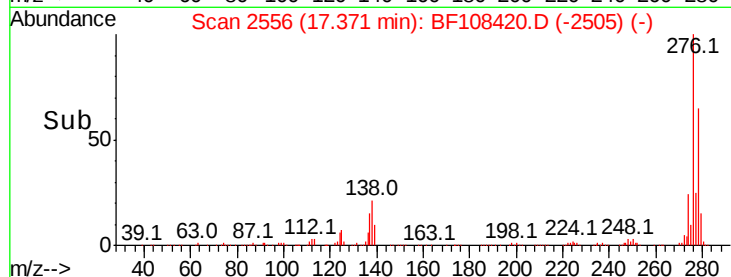
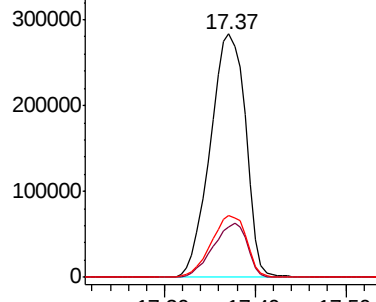
Tot Ion	Ratio	Resp	Lower	Upper
276	100			
138	21.5	25.0	37.6	
277	25.3	20.1	30.1	

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Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E



#86

Perylene-d12

Concen: 20.000 ng

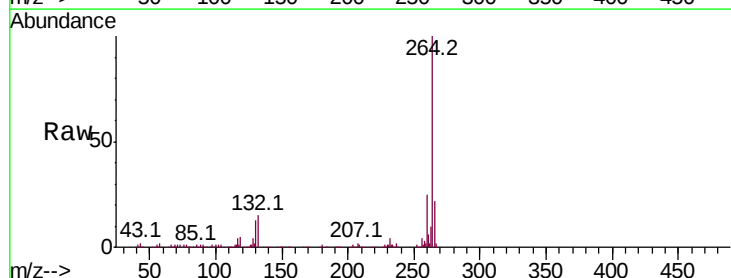
RT: 15.75 min Scan# 2280

Delta R.T. -0.01 min

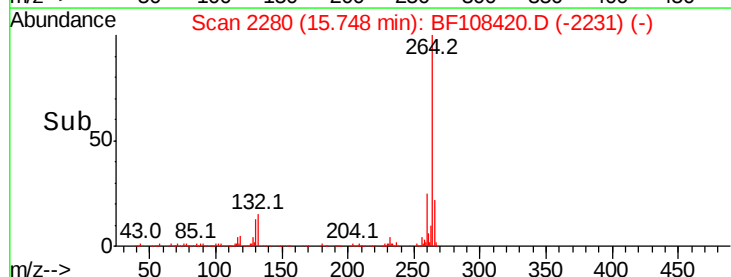
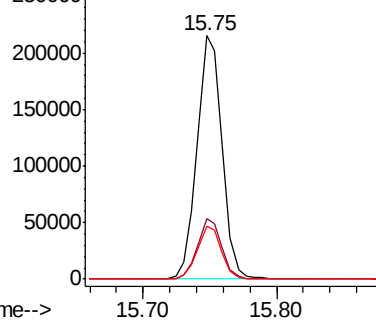
Lab File: BF108420.D

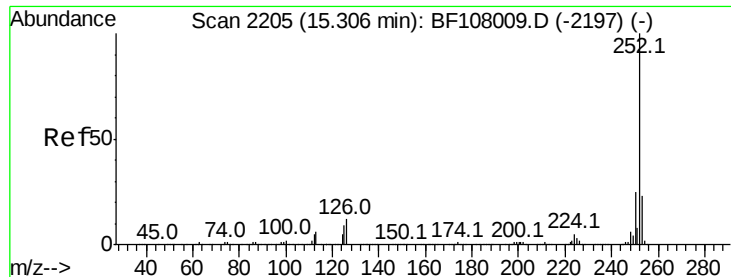
Acq: 23 Aug 2018 11:49

Tgt Ion	Ratio	Resp	Lower	Upper
264	100			
260	24.9	19.2	28.8	
265	21.8	17.5	26.3	



Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E





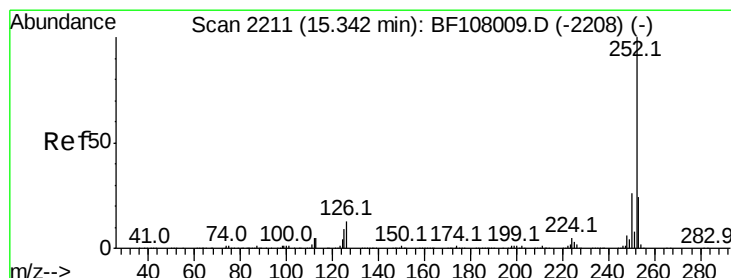
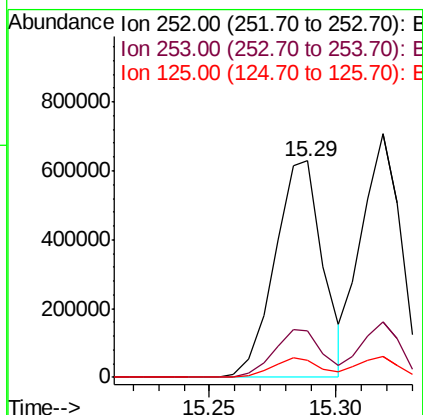
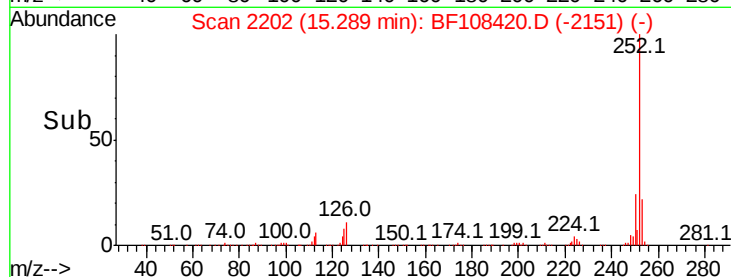
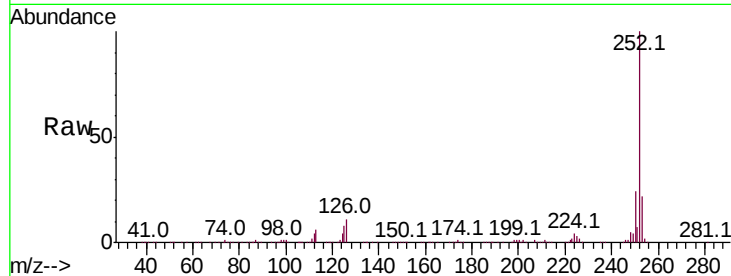
#87
Benzo(b)fluoranthene
Concen: 49.237 ng
RT: 15.29 min Scan# 2202
Delta R.T. -0.00 min
Lab File: BF108420.D
Acq: 23 Aug 2018 11:49

Instrument :
BNA_F
ClientSampleId :
PB112242BS

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.8	17.0	25.6
125	8.1	9.0	13.6#

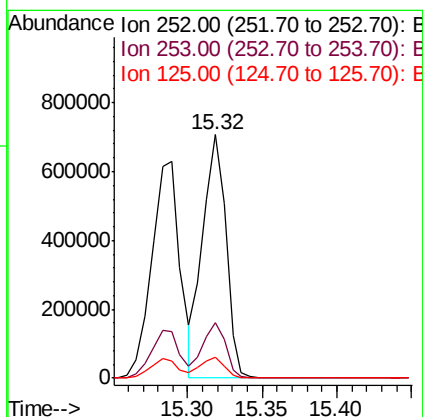
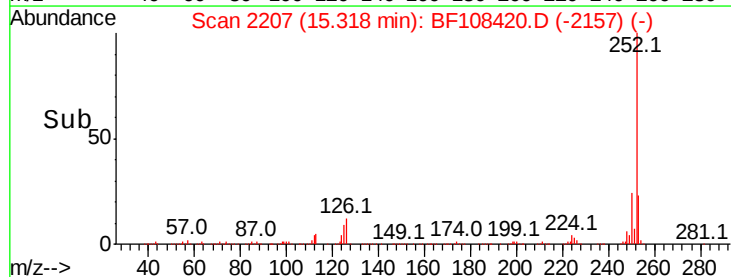
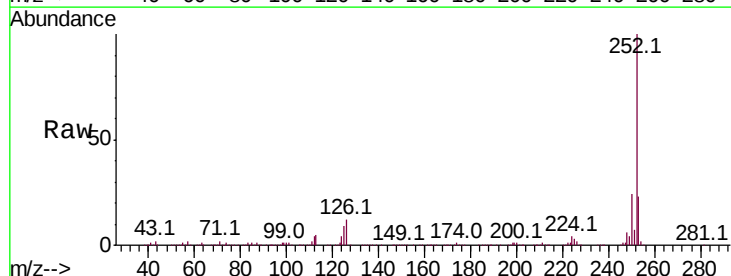
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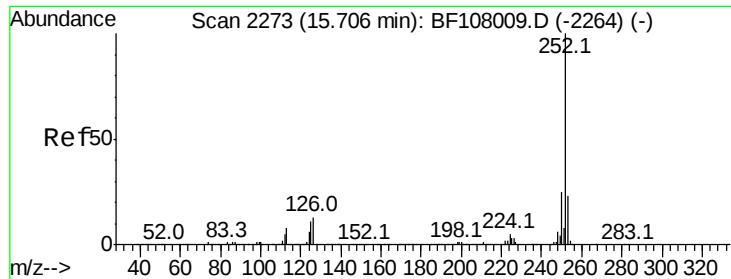
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#88
Benzo(k)fluoranthene
Concen: 48.913 ng
RT: 15.32 min Scan# 2207
Delta R.T. -0.01 min
Lab File: BF108420.D
Acq: 23 Aug 2018 11:49

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.0	17.9	26.9
125	8.8	10.2	15.2#





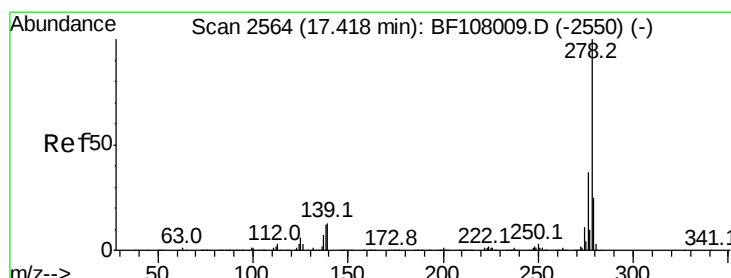
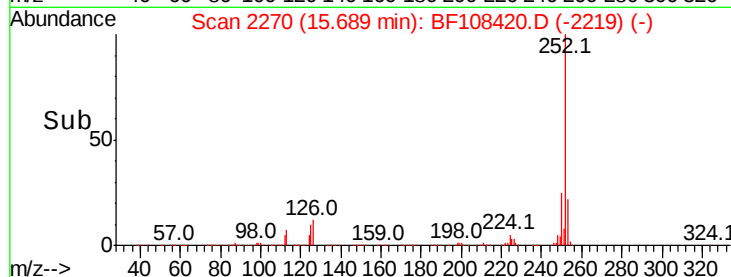
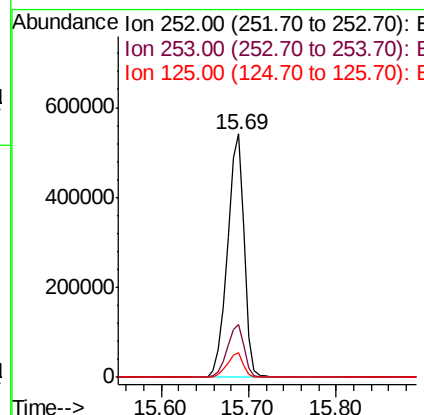
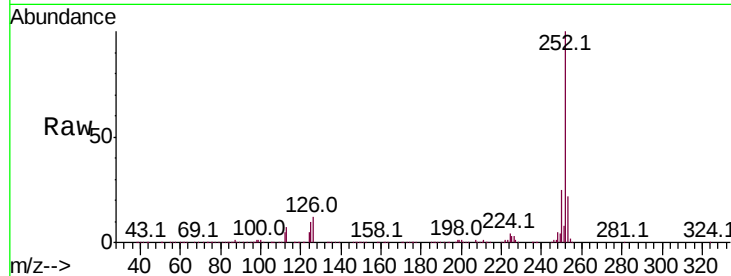
#89
Benzo(a)pyrene
Concen: 47.396 ng
RT: 15.69 min Scan# 2270
Delta R.T. -0.00 min
Lab File: BF108420.D
Acq: 23 Aug 2018 11:49

Instrument :
BNA_F
ClientSampleId :
PB112242BS

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.6	17.1	25.7
125	10.2	9.8	14.6

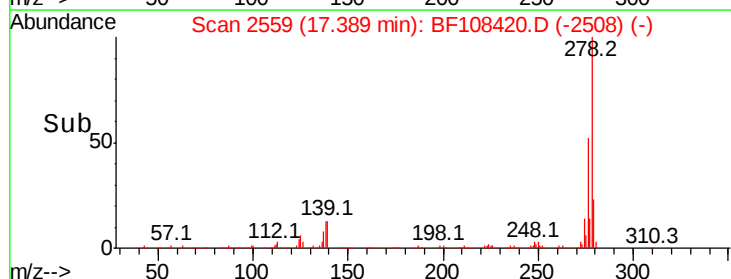
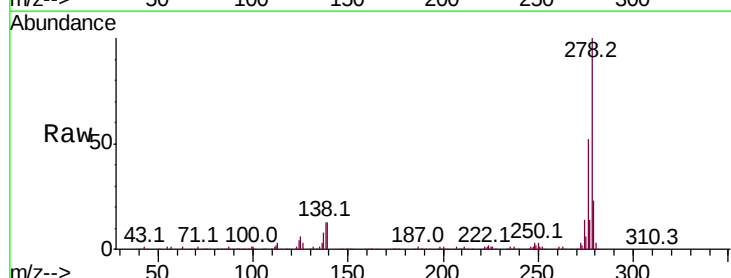
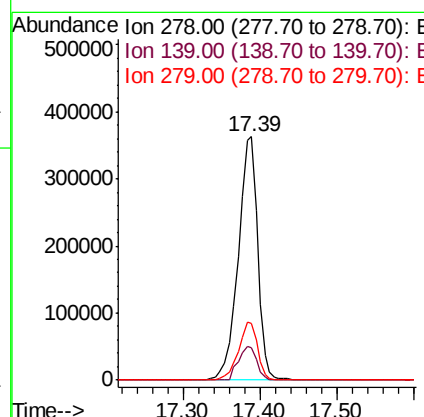
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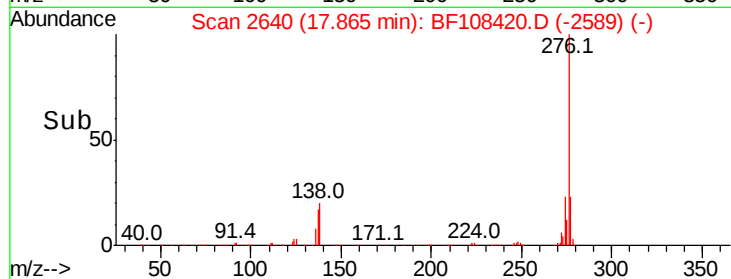
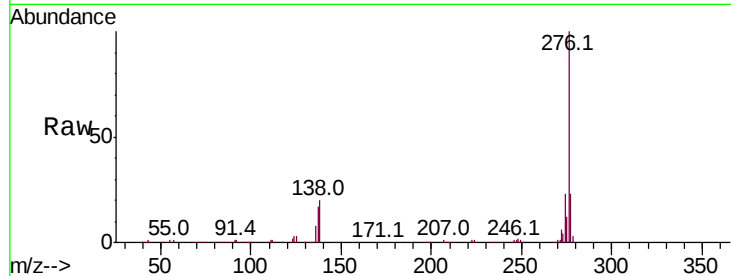
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#90
Dibenzo(a,h)anthracene
Concen: 51.303 ng
RT: 17.39 min Scan# 2559
Delta R.T. -0.00 min
Lab File: BF108420.D
Acq: 23 Aug 2018 11:49

Tgt Ion	Ratio	Lower	Upper
278	100		
139	13.3	15.9	23.9#
279	23.2	19.0	28.4





#91

Benzo(a,h,i)perylene

Concen: 52.373 ng

RT: 17.87 min Scan# 2640

Delta R.T. -0.00 min

Lab File: BF108420.D

Acq: 23 Aug 2018 11:49

Instrument :

BNA_F

ClientSampleId :

PB112242BS

Tot Ion: 276 Resp: 647588

Ion Ratio Lower Upper

276 100

277 23.5 17.9 26.9

138 19.6 21.8 32.8#

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