

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082218\
 Data File : BF108414.D
 Acq On : 23 Aug 2018 7:08
 Operator : JU/SJ
 Sample : PB112196BS
 Misc :
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB112196BS

Manual Integrations
 APPROVED

Sohil
 8/23/2018 3:43:44 PM

Quant Time: Aug 23 08:37:36 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	161271	20.00	ng	0.00
21) Naphthalene-d8	8.29	136	584060	20.00	ng	0.00
38) Acenaphthene-d10	10.05	164	280894	20.00	ng	0.00
63) Phenanthrene-d10	11.54	188	477667	20.00	ng	0.00
75) Chrysene-d12	14.19	240	303069	20.00	ng	0.00
86) Perylene-d12	15.75	264	257083	20.00	ng	-0.01

System Monitoring Compounds

5) 2-Fluorophenol	5.64	112	845596	94.93	ng	0.00
7) Phenol-d6	6.63	99	1143385	96.59	ng	0.00
23) Nitrobenzene-d5	7.57	82	1092184	104.35	ng	0.00
41) 2,4,6-Tribromophenol	10.84	330	246690	88.05	ng	0.00
44) 2-Fluorobiphenyl	9.37	172	1903358	108.79	ng	0.00
78) Terphenyl-d14	13.12	244	1390677	116.67	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.98	88	144271	31.520	ng	91
3) Pyridine	3.73	79	430499	36.512	ng	88
4) n-Nitrosodimethylamine	3.70	42	253824	38.258	ng	# 84
6) Aniline	6.67	93	339216	21.068	ng	96
8) 2-Chlorophenol	6.79	128	456600	45.512	ng	95
9) Benzaldehyde	6.55	77	316652	34.503	ng	95
10) Phenol	6.64	94	567163	46.321	ng	89
11) bis(2-Chloroethyl)ether	6.74	93	428216	43.259	ng	93
12) 1,3-Dichlorobenzene	6.94	146	505695	43.593	ng	98
13) 1,4-Dichlorobenzene	7.02	146	505682	43.388	ng	99
14) 1,2-Dichlorobenzene	7.17	146	473208	43.650	ng	100
15) Benzyl Alcohol	7.14	79	420331	42.180	ng	96
16) 2,2'-oxybis(1-Chloropropan	7.27	45	815009	39.966	ng	99
17) 2-Methylphenol	7.25	107	400717	46.576	ng	# 93
18) Hexachloroethane	7.51	117	172990	41.691	ng	94
19) n-Nitroso-di-n-propylamine	7.41	70	345884	43.210	ng	91
20) 3+4-Methylphenols	7.40	107	483251	43.832	ng	# 83
22) Acetophenone	7.41	105	645617	47.274	ng	# 93
24) Nitrobenzene	7.59	77	511779	48.353	ng	94
25) Isophorone	7.82	82	943221	47.279	ng	98
26) 2-Nitrophenol	7.90	139	196373	49.129	ng	90
27) 2,4-Dimethylphenol	7.93	122	419797	47.411	ng	96
28) bis(2-Chloroethoxy)methane	8.02	93	561630	48.224	ng	99
29) 2,4-Dichlorophenol	8.14	162	395326	48.516	ng	98
30) 1,2,4-Trichlorobenzene	8.22	180	429320	47.788	ng	98
31) Naphthalene	8.31	128	1271864	47.883	ng	99
32) Benzoic acid	8.04	122	121838m	26.735	ng	
33) 4-Chloroaniline	8.35	127	95291	8.232	ng	99
34) Hexachlorobutadiene	8.42	225	281067	49.420	ng	98
35) Caprolactam	8.74	113	113521	44.457	ng	90
36) 4-Chloro-3-methylphenol	8.84	107	411733	46.839	ng	96
37) 2-Methylnaphthalene	9.00	142	875578	46.591	ng	97
39) 1,2,4,5-Tetrachlorobenzene	9.17	216	440254	51.038	ng	97
40) Hexachlorocyclopentadiene	9.15	237	155074	27.833	ng	96

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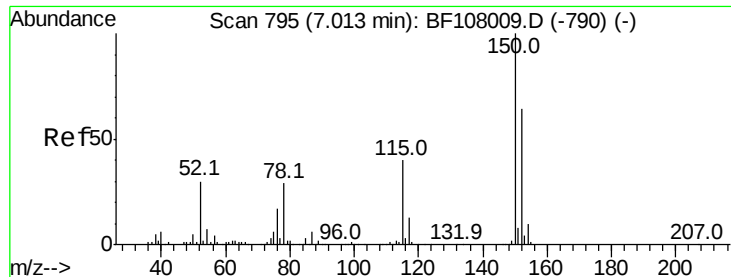
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.28	196	269817	50.406	nq	99
43) 2,4,5-Trichlorophenol	9.32	196	275348	46.728	nq	97
45) 1,1'-Biphenyl	9.47	154	1058333	51.102	nq	99
46) 2-Chloronaphthalene	9.50	162	804167	49.128	nq	99
47) 2-Nitroaniline	9.59	65	275561	52.029	nq	86
48) Acenaphthylene	9.91	152	1254249	48.468	nq	99
49) Dimethylphthalate	9.77	163	993580	50.779	nq	# 99
50) 2,6-Dinitrotoluene	9.83	165	206111	50.348	nq	93
51) Acenaphthene	10.08	154	734830	46.362	nq	99
52) 3-Nitroaniline	10.00	138	142308	31.772	nq	95
53) 2,4-Dinitrophenol	10.11	184	12435	14.425	nq	# 21
54) Dibenzofuran	10.26	168	1093129	47.604	nq	99
55) 4-Nitrophenol	10.16	139	218274	64.354	nq	85
56) 2,4-Dinitrotoluene	10.24	165	259549	49.256	nq	# 95
57) Fluorene	10.60	166	848375	46.670	nq	100
58) 2,3,4,6-Tetrachlorophenol	10.37	232	191094	38.800	nq	# 86
59) Diethylphthalate	10.46	149	940502	49.639	nq	96
60) 4-Chlorophenyl-phenylether	10.59	204	455048	48.041	nq	# 88
61) 4-Nitroaniline	10.62	138	197060	44.500	nq	92
62) Azobenzene	10.75	77	891680	45.570	nq	93
64) 4,6-Dinitro-2-methylphenol	10.64	198	13910	12.249	nq	97
65) n-Nitrosodiphenylamine	10.71	169	782533	55.438	nq	96
66) 4-Bromophenyl-phenylether	11.08	248	283198	54.556	nq	# 90
67) Hexachlorobenzene	11.15	284	278476	50.987	nq	91
68) Atrazine	11.23	200	258060	54.507	nq	97
69) Pentachlorophenol	11.34	266	166853	63.825	nq	97
70) Phenanthrene	11.57	178	1111020	49.313	nq	99
71) Anthracene	11.62	178	1132457	49.042	nq	100
72) Carbazole	11.78	167	954126	46.506	nq	99
73) Di-n-butylphthalate	12.09	149	1317356	56.689	nq	100
74) Fluoranthene	12.77	202	1028708	41.837	nq	93
76) Benzidine	12.88	184	308394	27.235	nq	98
77) Pyrene	13.00	202	982191	51.189	nq	100
79) Butylbenzylphthalate	13.59	149	438929	57.610	nq	# 98
80) Benzo(a)anthracene	14.19	228	859497	49.416	nq	100
81) 3,3'-Dichlorobenzidine	14.14	252	212390	34.074	nq	# 97
82) Chrysene	14.22	228	798881	50.100	nq	99
83) Bis(2-ethylhexyl)phthalate	14.15	149	591795	57.358	nq	# 98
84) Di-n-octyl phthalate	14.77	149	948187	60.259	nq	97
85) Indeno(1,2,3-cd)pyrene	17.37	276	589827	42.690	nq	# 90
87) Benzo(b)fluoranthene	15.28	252	810955	52.790	nq	# 97
88) Benzo(k)fluoranthene	15.32	252	714311	50.584	nq	# 96
89) Benzo(a)pyrene	15.68	252	684668	49.772	nq	# 97
90) Dibenzo(a,h)anthracene	17.38	278	507603	44.598	nq	# 93
91) Benzo(g,h,i)perylene	17.86	276	462776	41.292	nq	# 89

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



#1

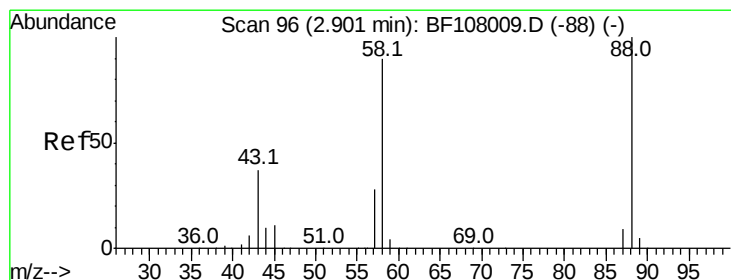
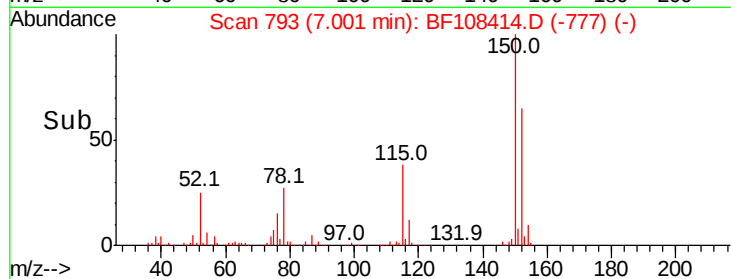
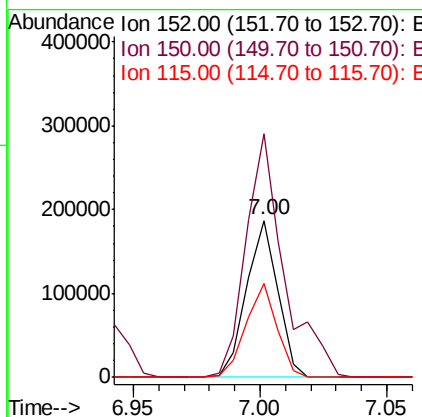
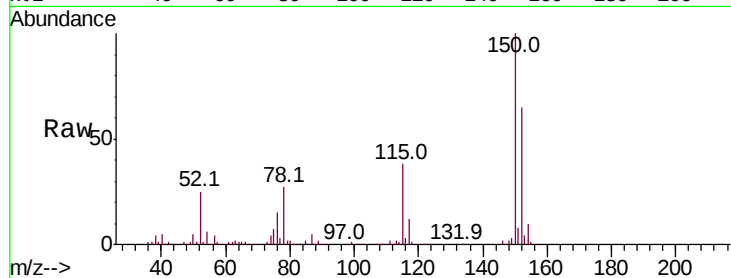
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.00 min Scan# 793
Delta R.T. -0.01 min
Lab File: BF108414.D
Acq: 23 Aug 2018 7:08

Instrument :
BNA_F
ClientSampleId :
PB112196BS

Tot Ion	Ratio	Lower	Upper
152	100		
150	154.9	124.6	186.8
115	59.6	50.1	75.1

Manual Integrations
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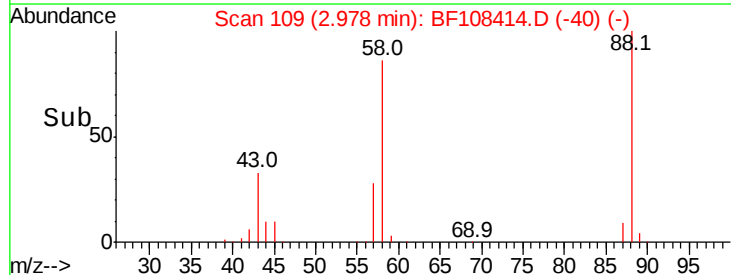
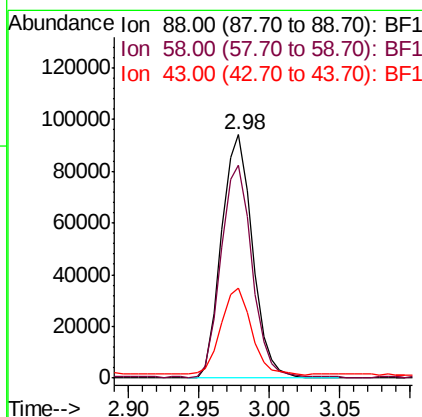
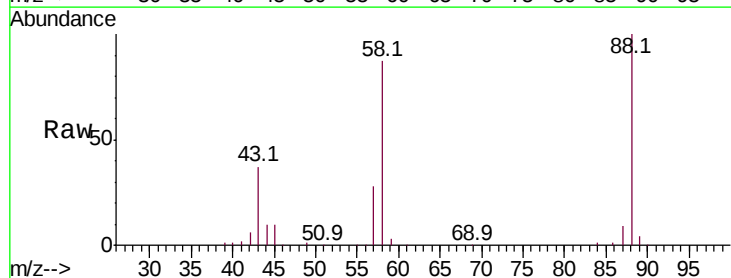
Sohil
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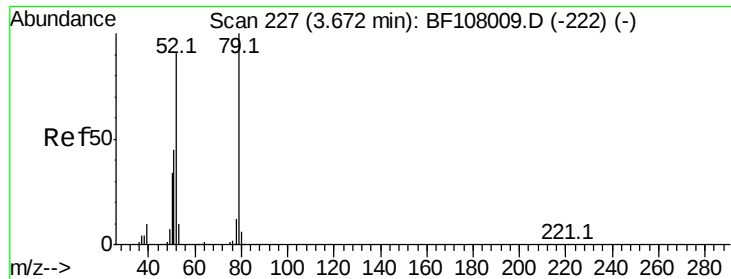


#2

1,4-Dioxane
Concen: 31.520 ng
RT: 2.98 min Scan# 109
Delta R.T. 0.11 min
Lab File: BF108414.D
Acq: 23 Aug 2018 7:08

Tgt Ion	Ratio	Lower	Upper
88	100		
58	87.0	62.6	93.8
43	34.6	24.6	37.0





#3

Pvridine

Concen: 36.512 ng

RT: 3.73 min Scan# 237

Delta R.T. 0.07 min

Lab File: BF108414.D

Acq: 23 Aug 2018 7:08

Instrument :

BNA_F

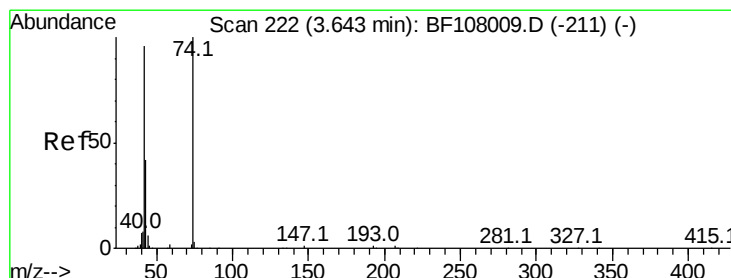
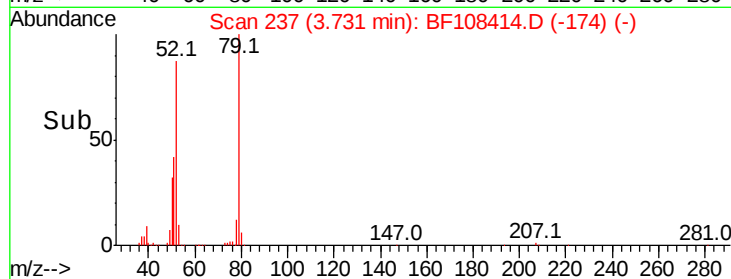
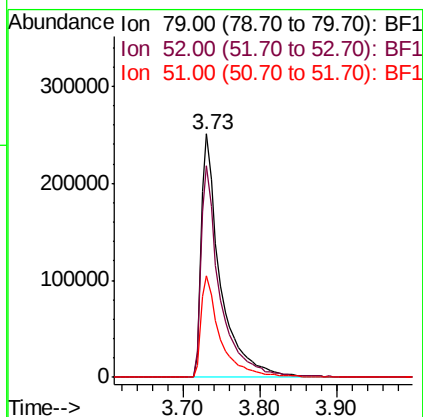
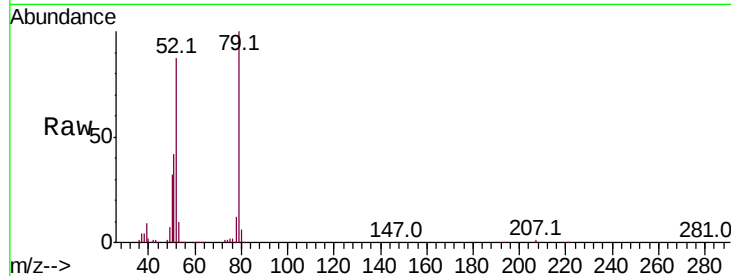
ClientSampleId :

PB112196BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
79	100		430499		
52	86.9		59.8	89.6	
51	41.9		29.8	44.8	

Manual Integrations
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#4

n-Nitrosodimethylamine

Concen: 38.258 ng

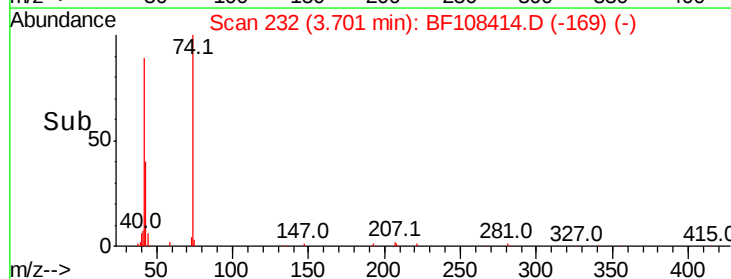
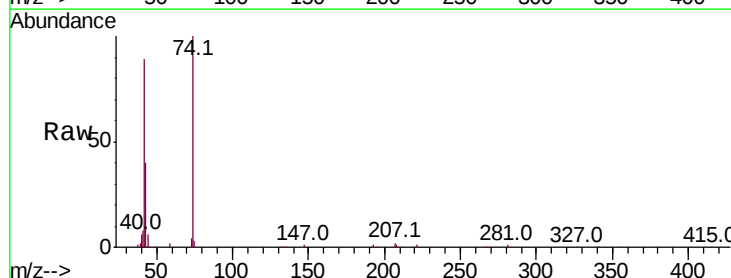
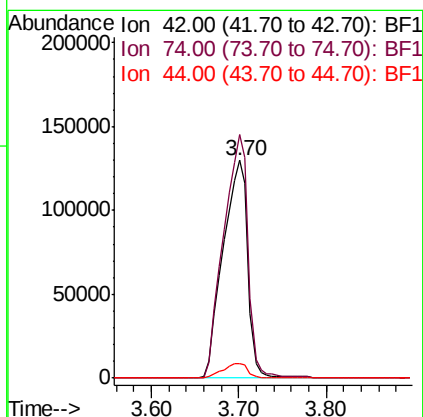
RT: 3.70 min Scan# 232

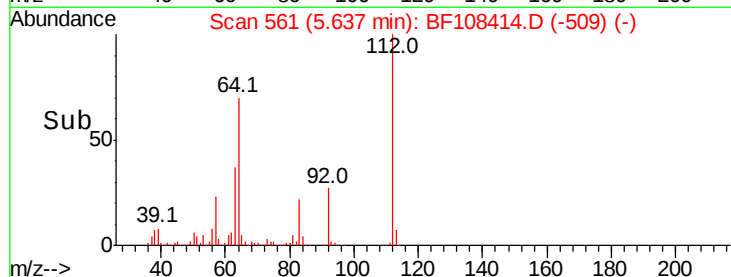
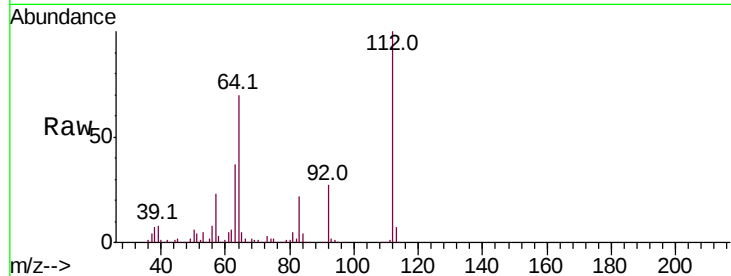
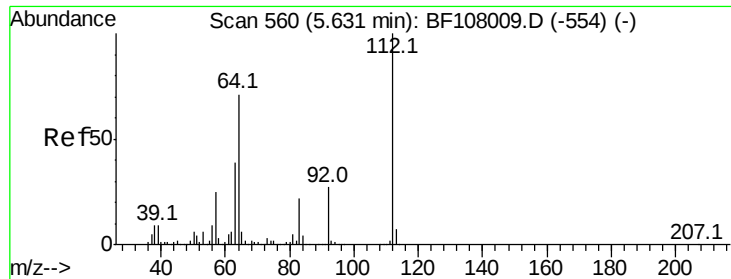
Delta R.T. 0.07 min

Lab File: BF108414.D

Acq: 23 Aug 2018 7:08

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
42	100		253824		
74	112.0		104.9	157.3	
44	6.6		6.9	10.3#	





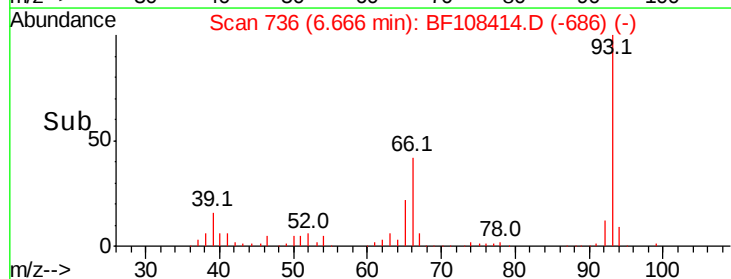
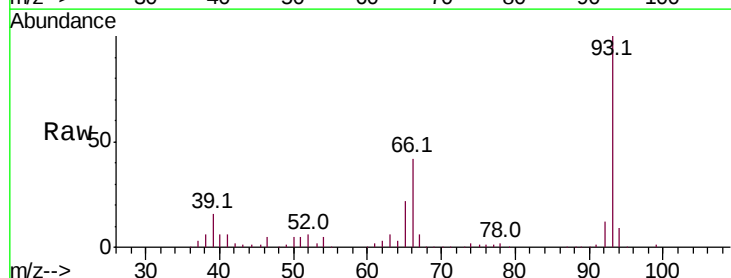
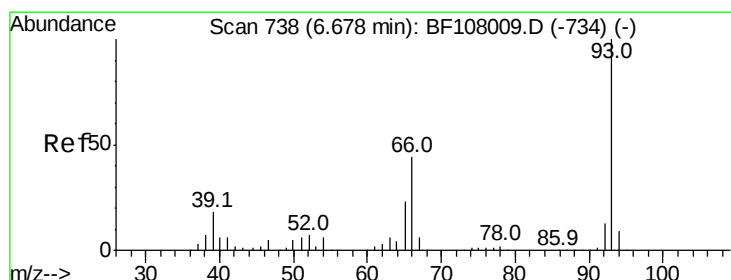
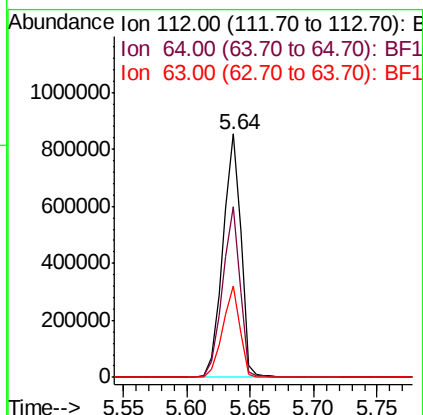
#5
2-Fluorophenol
Concen: 94.928 ng
RT: 5.64 min Scan# 561
Delta R.T. 0.01 min
Lab File: BF108414.D
Acq: 23 Aug 2018 7:08

Tot Ion	Ratio	Resp Lower	Upper
112	100		
64	70.2	47.9	71.9
63	37.2	23.7	35.5

Instrument :
BNA_F
ClientSampleId :
PB112196BS

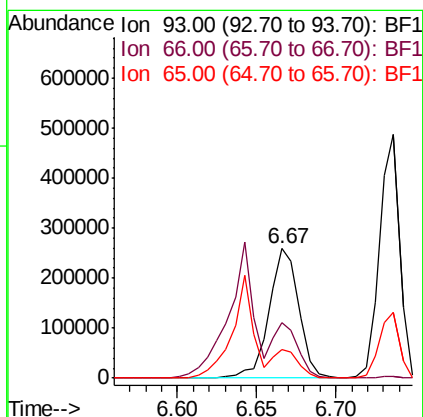
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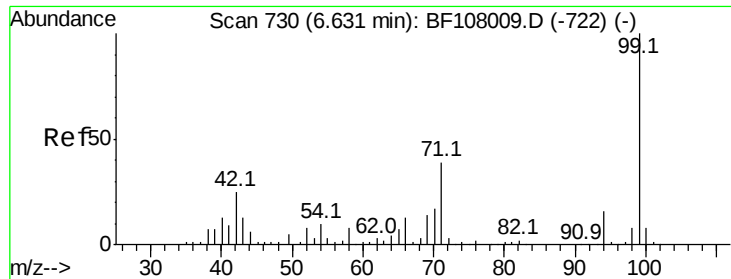
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#6
Aniline
Concen: 21.068 ng
RT: 6.67 min Scan# 736
Delta R.T. -0.01 min
Lab File: BF108414.D
Acq: 23 Aug 2018 7:08

Tgt Ion	Ratio	Resp Lower	Upper
93	100		
66	42.5	32.2	48.2
65	22.2	16.4	24.6





#7

Phenol-d6

Concen: 96.592 ng

RT: 6.63 min Scan# 730

Delta R.T. -0.00 min

Lab File: BF108414.D

Acq: 23 Aug 2018 7:08

Instrument :

BNA_F

ClientSampleId :

PB112196BS

Tot Ion: 99 Resp: 1143385

Ion Ratio Lower Upper

99 100

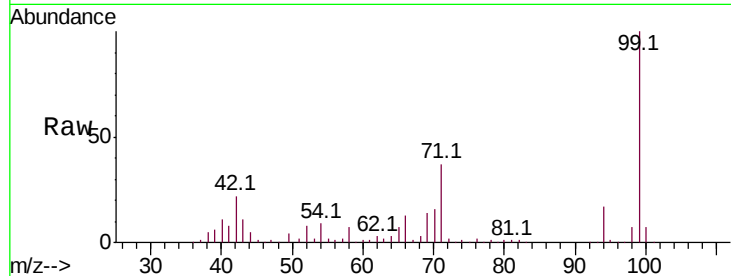
42 22.2 14.5 21.7#

71 37.1 25.4 38.0

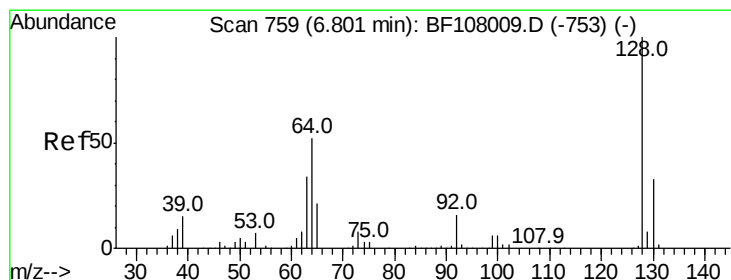
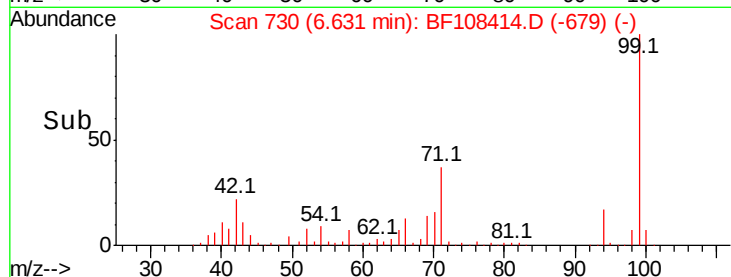
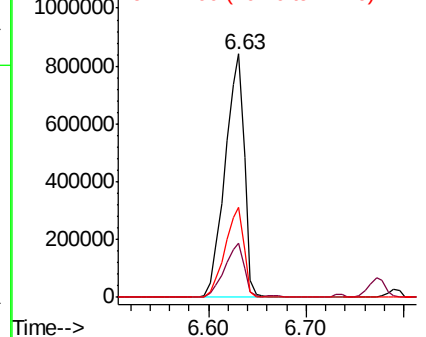
Manual Integrations
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Abundance Ion 99.00 (98.70 to 99.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 71.00 (70.70 to 71.70): BF1



#8

2-Chlorophenol

Concen: 45.512 ng

RT: 6.79 min Scan# 757

Delta R.T. -0.01 min

Lab File: BF108414.D

Acq: 23 Aug 2018 7:08

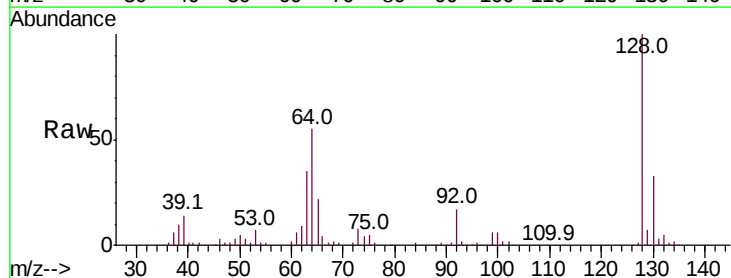
Tgt Ion:128 Resp: 456600

Ion Ratio Lower Upper

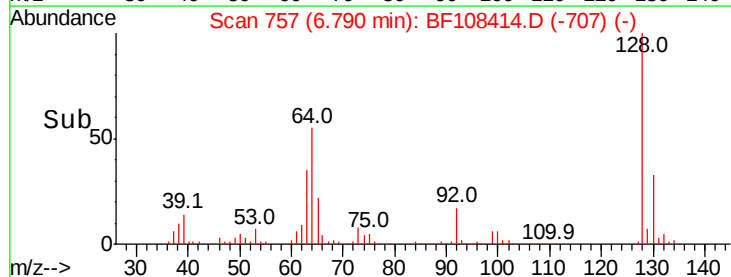
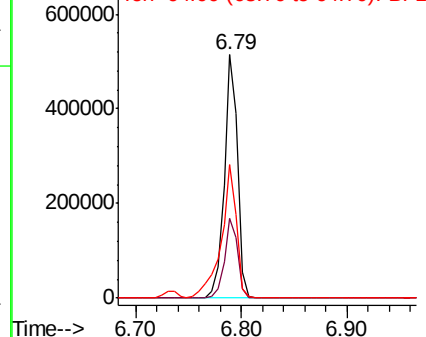
128 100

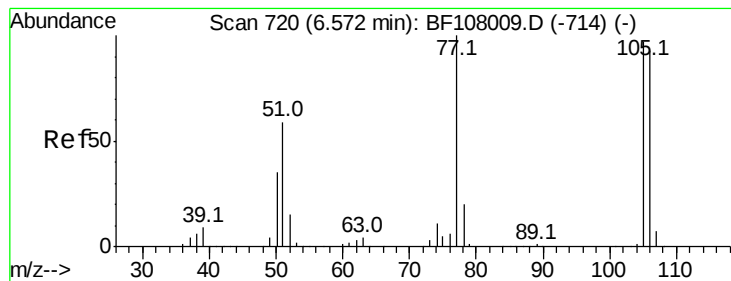
130 32.7 13.0 53.0

64 54.9 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: 34.503 ng

RT: 6.55 min Scan# 717

Delta R.T. -0.01 min

Lab File: BF108414.D

Acq: 23 Aug 2018 7:08

Instrument :

BNA_F

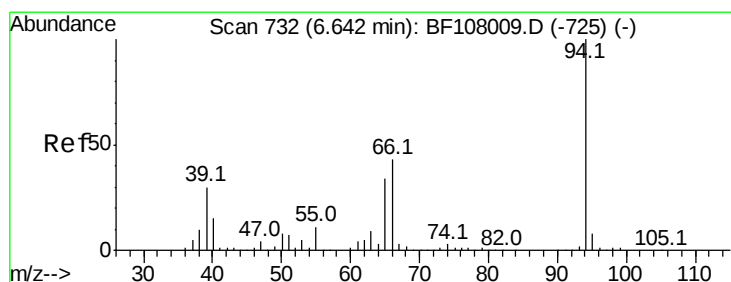
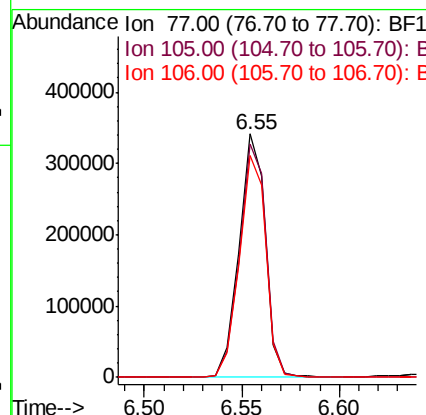
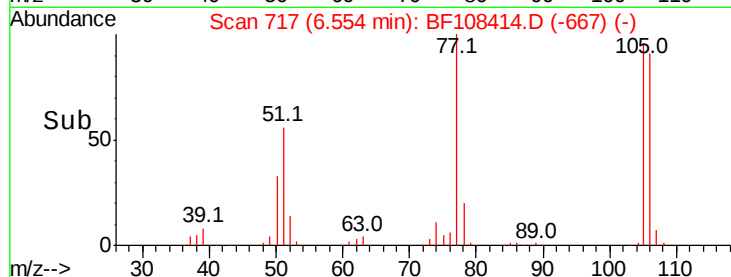
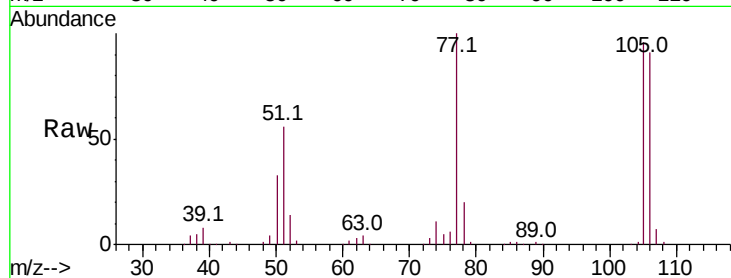
ClientSampleId :

PB112196BS

Tot Ion:	77	Resp:	316652
Ion Ratio	Lower	Upper	
77	100		
105	95.8	81.1	121.1
106	90.9	74.5	114.5

Manual Integrations
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#10

Phenol

Concen: 46.321 ng

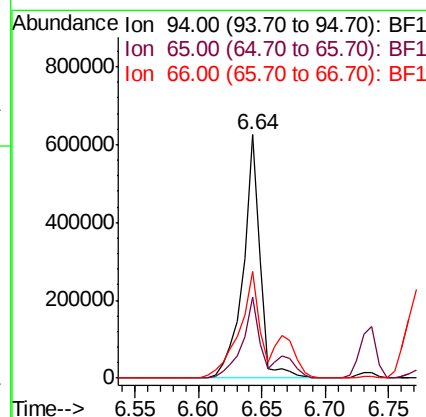
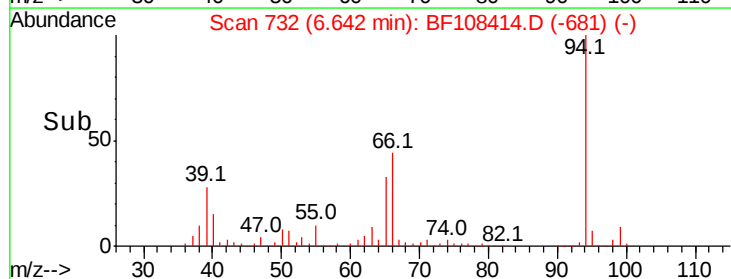
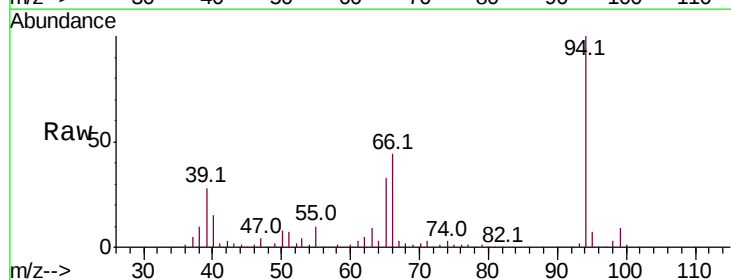
RT: 6.64 min Scan# 732

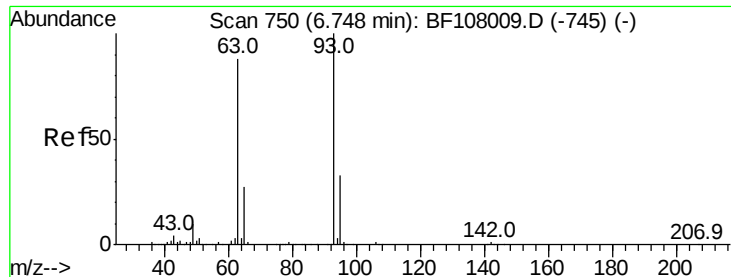
Delta R.T. -0.00 min

Lab File: BF108414.D

Acq: 23 Aug 2018 7:08

Tgt Ion:	94	Resp:	567163
Ion Ratio	Lower	Upper	
94	100		
65	33.0	7.9	47.9
66	43.7	16.2	56.2





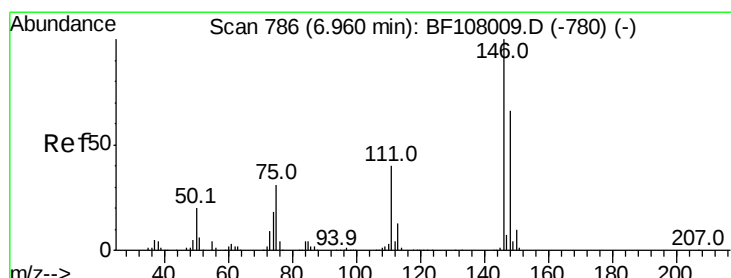
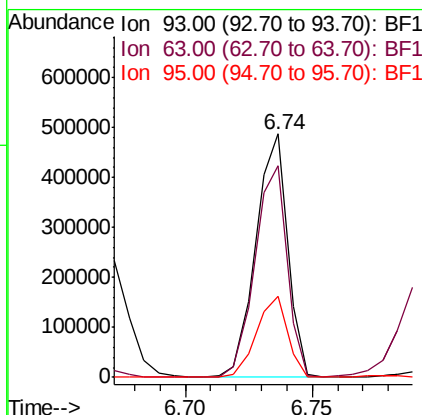
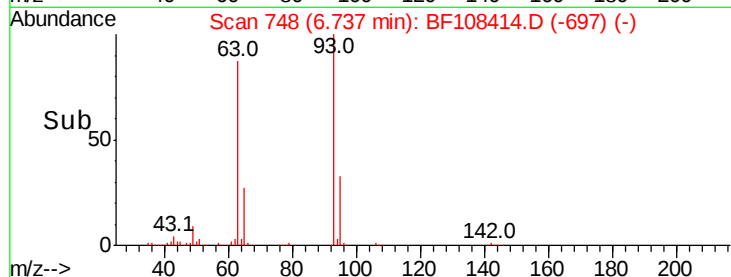
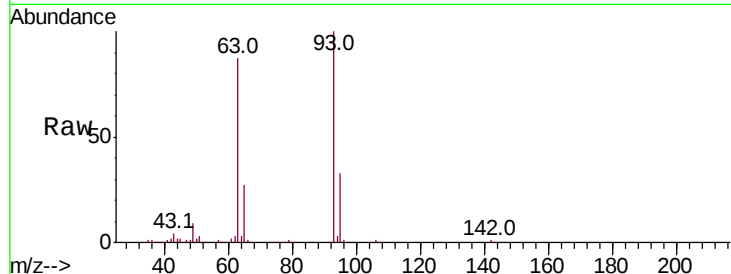
#11
bis(2-Chloroethyl)ether
Concen: 43.259 ng
RT: 6.74 min Scan# 748
Delta R.T. -0.00 min
Lab File: BF108414.D
Acq: 23 Aug 2018 7:08

Instrument :
BNA_F
ClientSampleId :
PB112196BS

Tot Ion	Ratio	Resp	Lower	Upper
93	100	428216		
63	86.9	58.6	98.6	
95	33.0	11.8	51.8	

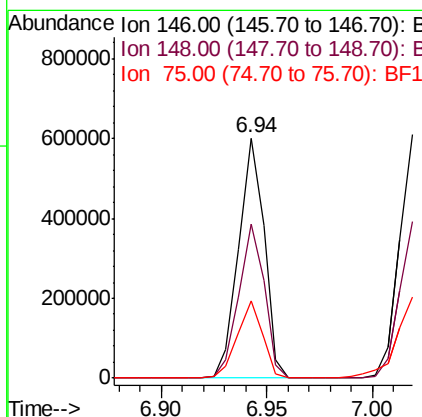
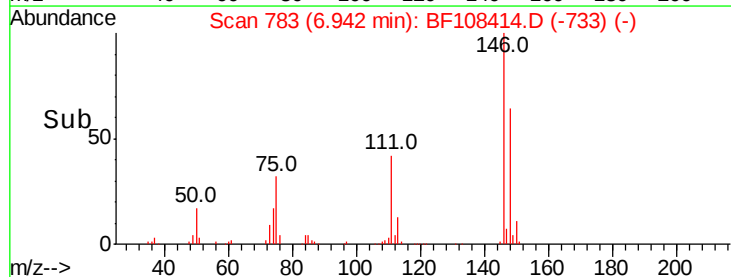
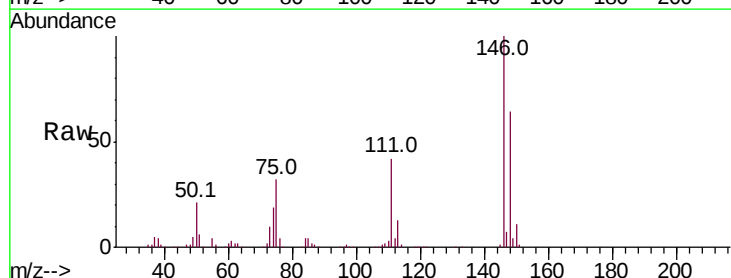
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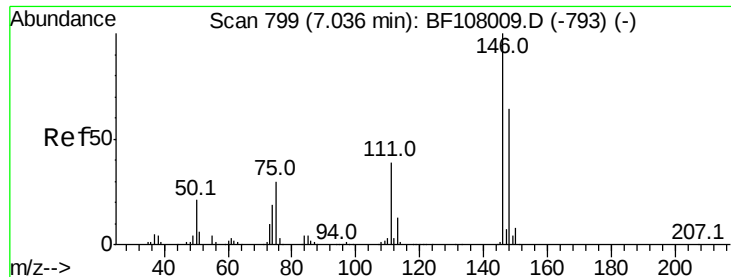
Sohil
8/23/2018 3:43:44 PM



#12
1,3-Dichlorobenzene
Concen: 43.593 ng
RT: 6.94 min Scan# 783
Delta R.T. -0.01 min
Lab File: BF108414.D
Acq: 23 Aug 2018 7:08

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	505695		
148	64.0	51.8	77.8	
75	32.2	24.2	36.4	





#13

1,4-Dichlorobenzene

Concen: 43.388 ng

RT: 7.02 min Scan# 796

Delta R.T. -0.01 min

Lab File: BF108414.D

Acq: 23 Aug 2018 7:08

Instrument :

BNA_F

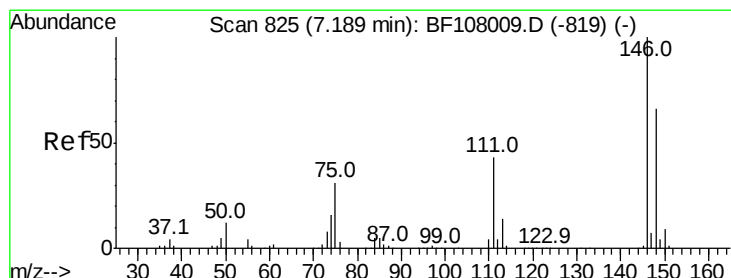
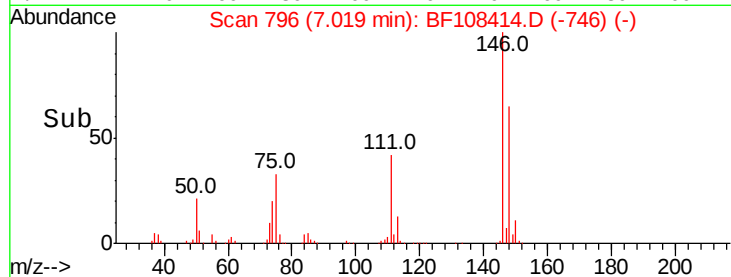
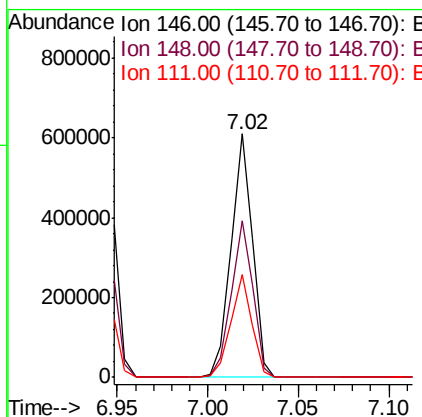
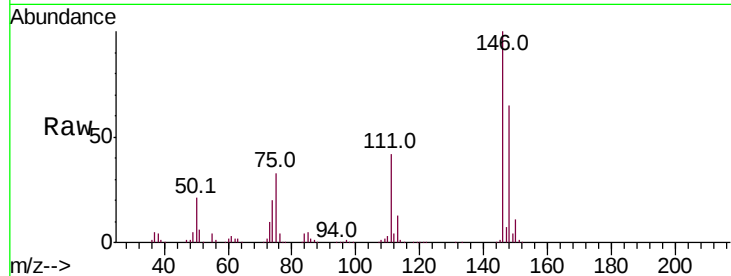
ClientSampleId :

PB112196BS

Tot Ion:	146	Resp:	505682
Ion Ratio	Lower	Upper	
146	100		
148	64.5	50.8	76.2
111	42.0	34.2	51.2

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#14

1,2-Dichlorobenzene

Concen: 43.650 ng

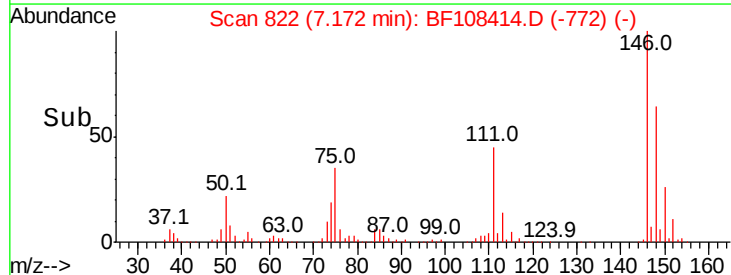
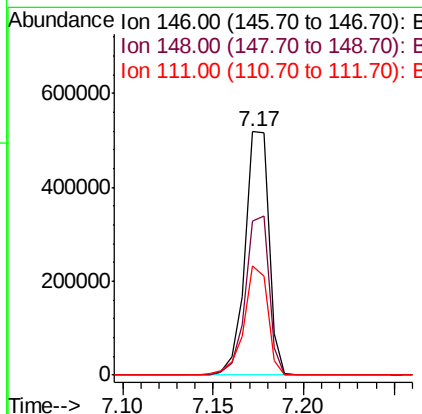
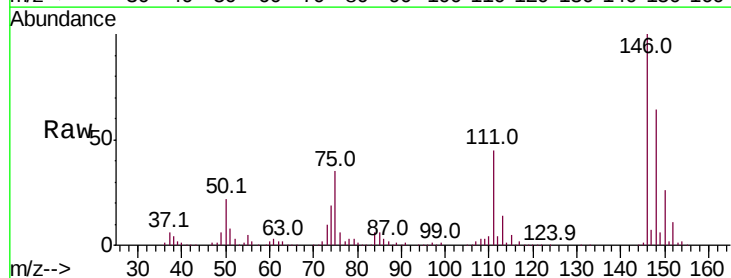
RT: 7.17 min Scan# 822

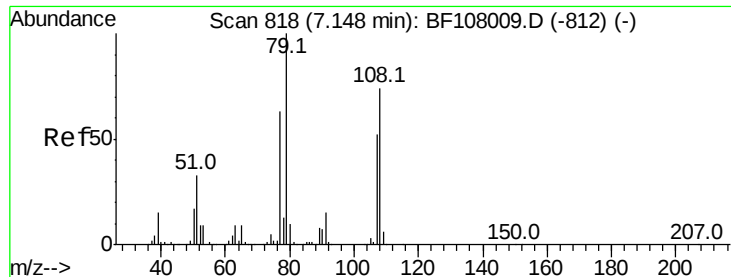
Delta R.T. -0.01 min

Lab File: BF108414.D

Acq: 23 Aug 2018 7:08

Tgt Ion:	146	Resp:	473208
Ion Ratio	Lower	Upper	
146	100		
148	63.5	50.6	75.8
111	44.8	36.0	54.0





#15

Benzyl Alcohol

Concen: 42.180 ng

RT: 7.14 min Scan# 817

Delta R.T. -0.00 min

Lab File: BF108414.D

Acq: 23 Aug 2018 7:08

Instrument :

BNA_F

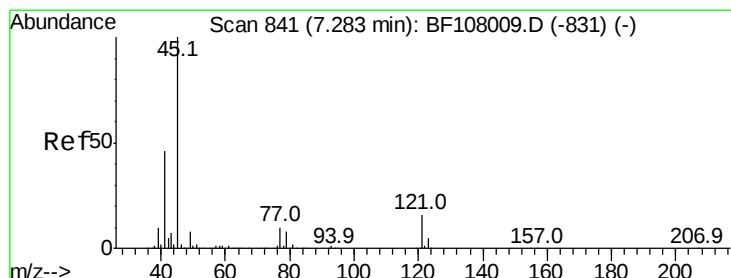
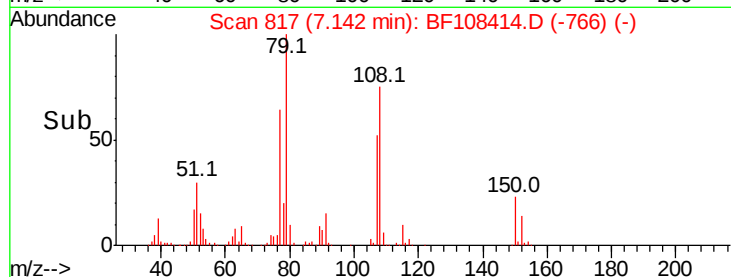
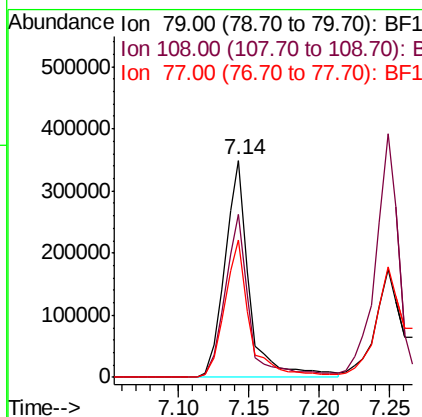
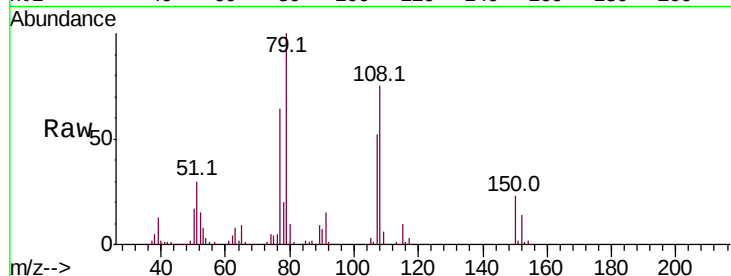
ClientSampled :

PB112196BS

Tot Ion:	79	Resp:	420331
Ion Ratio	Lower	Upper	
79	100		
108	74.9	65.1	97.7
77	63.6	50.6	75.8

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#16

2,2'-oxybis(1-chloropropane)

Concen: 39.966 ng

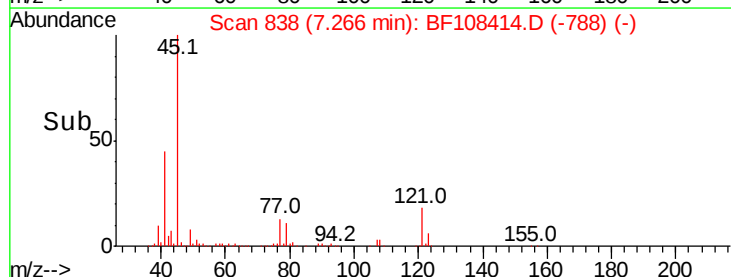
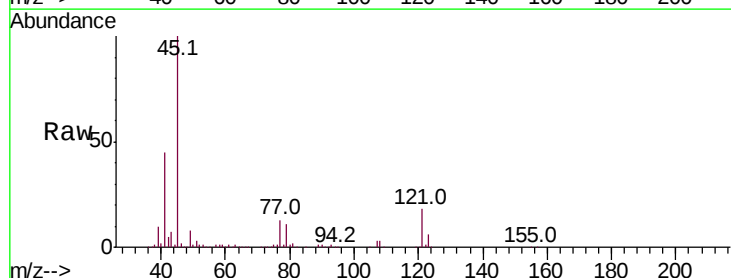
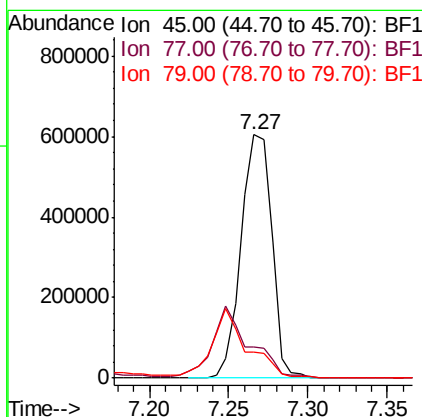
RT: 7.27 min Scan# 838

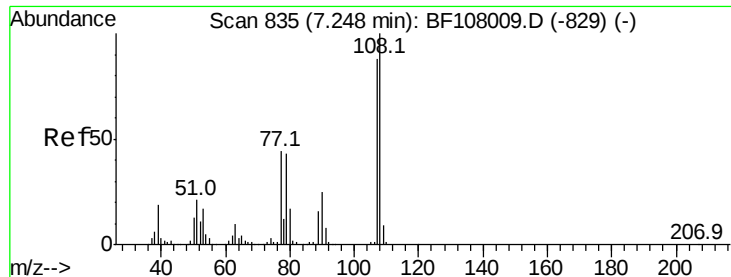
Delta R.T. -0.01 min

Lab File: BF108414.D

Acq: 23 Aug 2018 7:08

Tgt Ion:	45	Resp:	815009
Ion Ratio	Lower	Upper	
45	100		
77	13.0	0.0	32.9
79	10.6	0.0	29.6





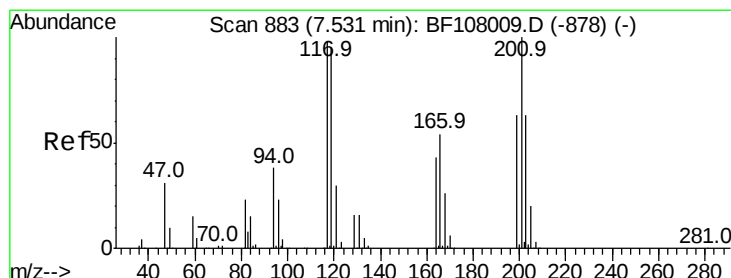
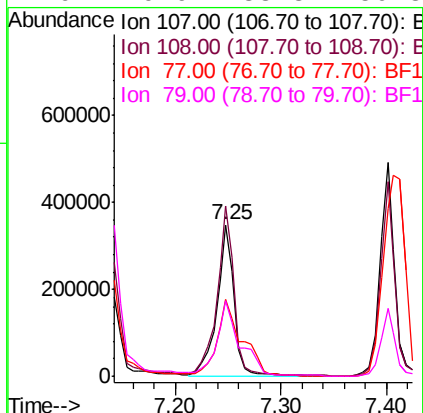
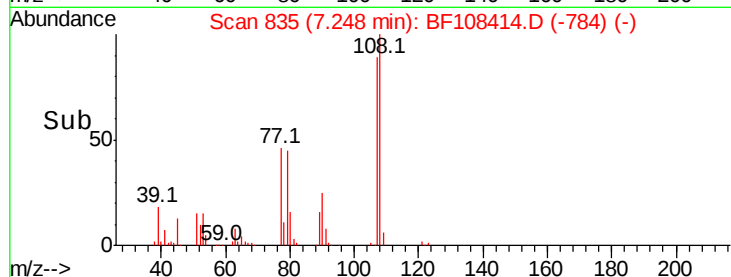
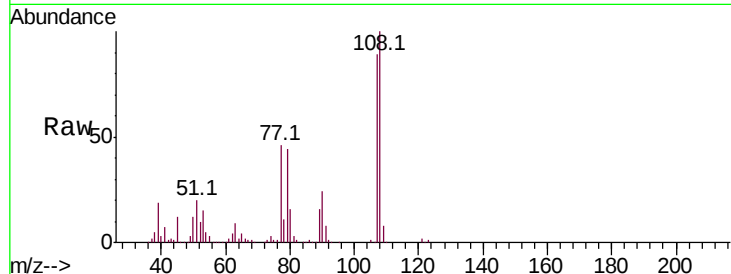
#17
2-Methylphenol
Concen: 46.576 ng
RT: 7.25 min Scan# 835
Delta R.T. -0.00 min
Lab File: BF108414.D
Acq: 23 Aug 2018 7:08

Instrument :
BNA_F
ClientSampleId :
PB112196BS

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	112.7	91.7	137.5	
77	51.3	33.8	50.8	
79	49.9	33.8	50.8	

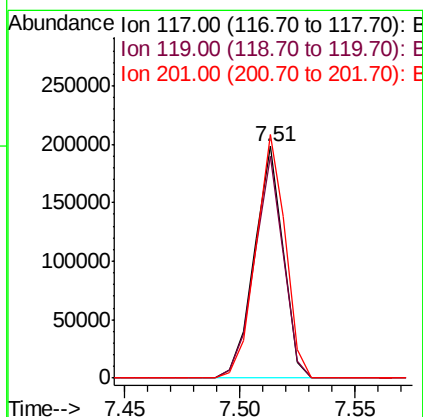
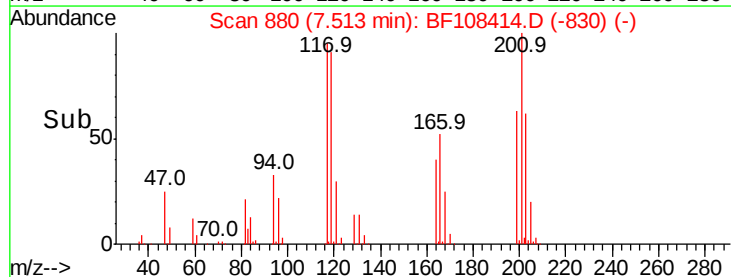
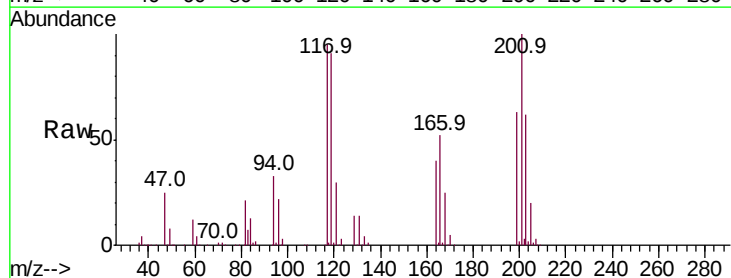
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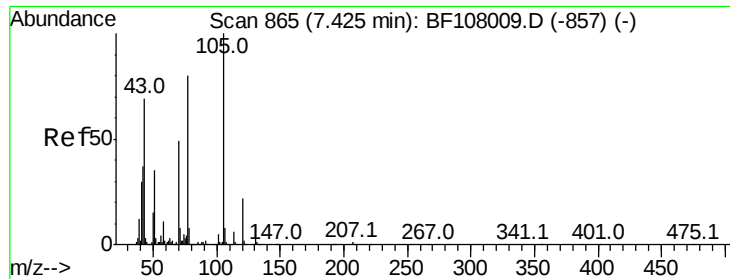
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#18
Hexachloroethane
Concen: 41.691 ng
RT: 7.51 min Scan# 880
Delta R.T. -0.01 min
Lab File: BF108414.D
Acq: 23 Aug 2018 7:08

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	95.5	75.8	113.8	
201	104.9	75.7	113.5	





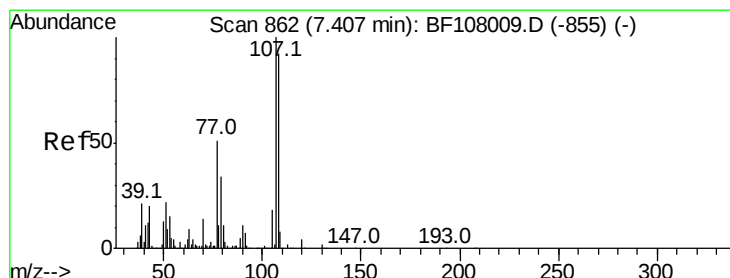
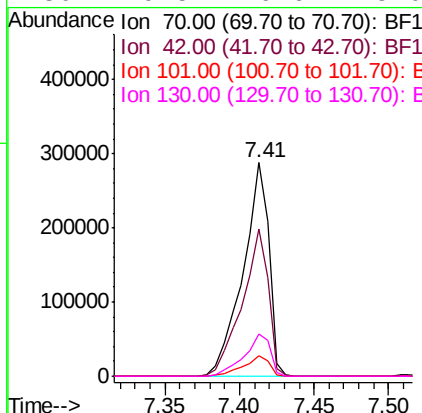
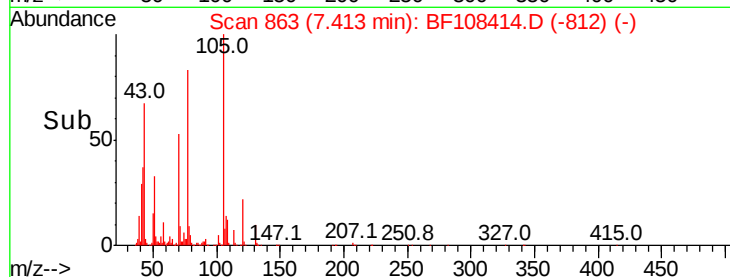
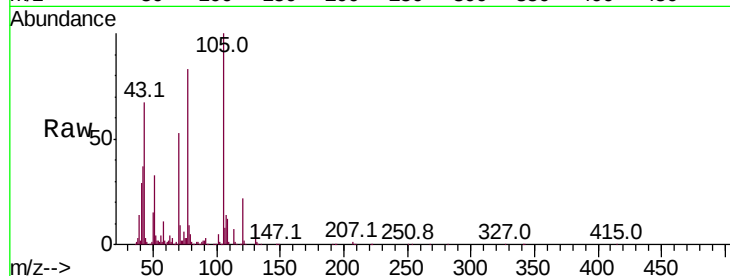
#19
n-Nitroso-di-n-propylamine
Concen: 43.210 ng
RT: 7.41 min Scan# 863
Delta R.T. -0.00 min
Lab File: BF108414.D
Acq: 23 Aug 2018 7:08

Instrument :
BNA_F
ClientSampleId :
PB112196BS

Tot Ion	Ratio	Lower	Upper
70	100		
42	69.1	47.5	71.3
101	9.7	7.4	11.2
130	19.5	16.6	25.0

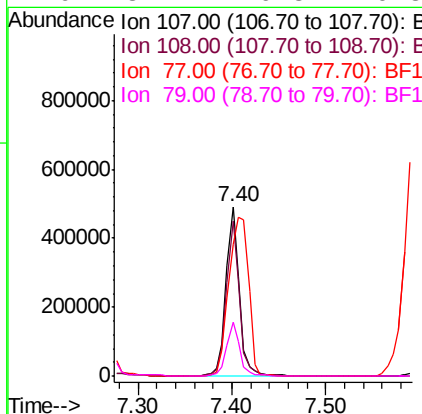
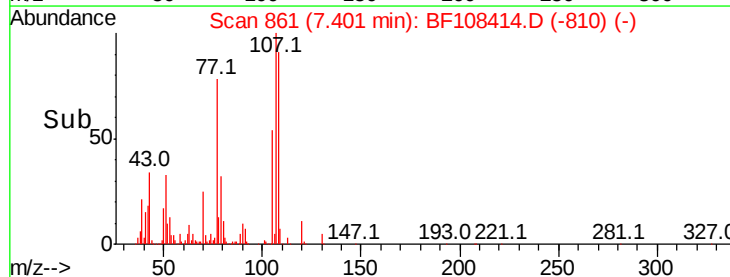
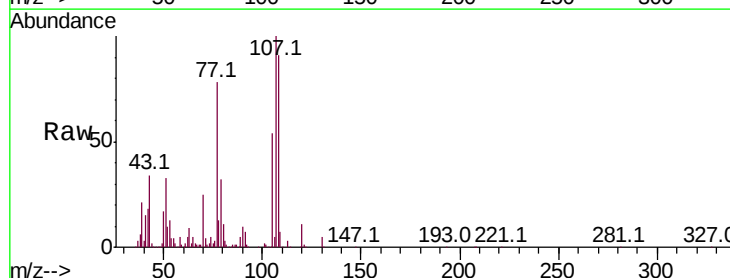
Manual Integrations
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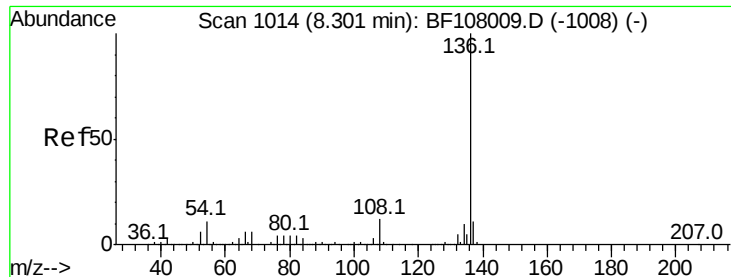
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#20
3+4-Methylphenols
Concen: 43.832 ng
RT: 7.40 min Scan# 861
Delta R.T. -0.00 min
Lab File: BF108414.D
Acq: 23 Aug 2018 7:08

Tgt Ion	Ratio	Lower	Upper
107	100		
108	91.2	68.2	108.2
77	78.2	26.7	66.7#
79	31.7	6.3	46.3





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.29 min Scan# 1012

Delta R.T. -0.00 min

Lab File: BF108414.D

Acq: 23 Aug 2018 7:08

Instrument :

BNA_F

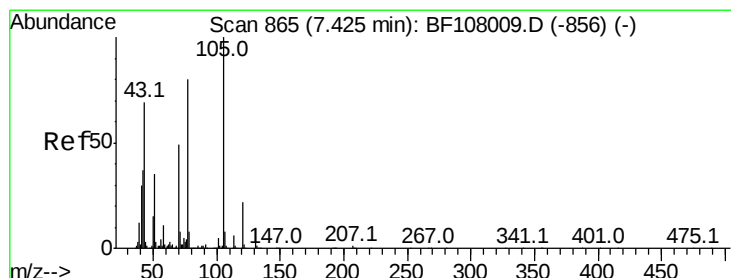
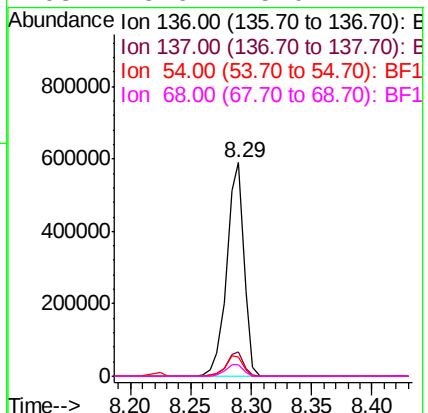
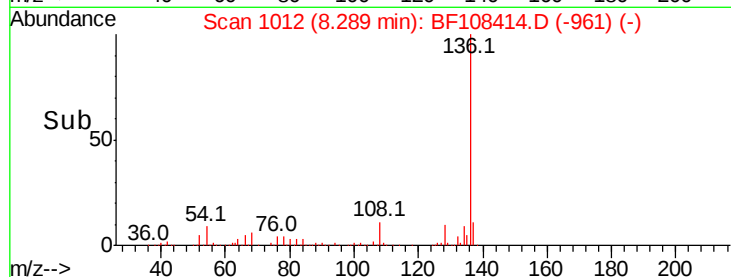
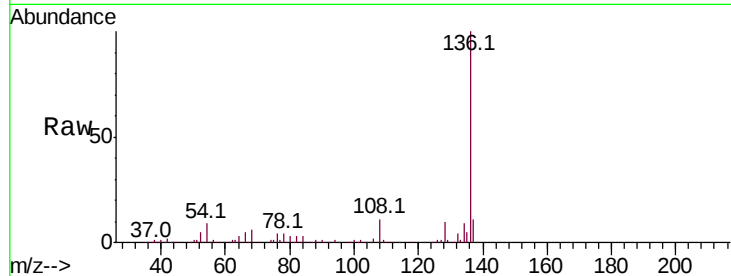
ClientSampleId :

PB112196BS

Tot Ion	Ratio	Resp	Lower	Upper
136	100			
137	11.1	8.9	13.3	
54	8.8	6.6	9.8	
68	5.6	5.0	7.4	

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#22

Acetophenone

Concen: 47.274 ng

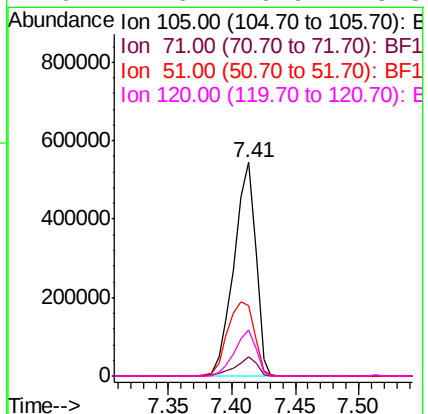
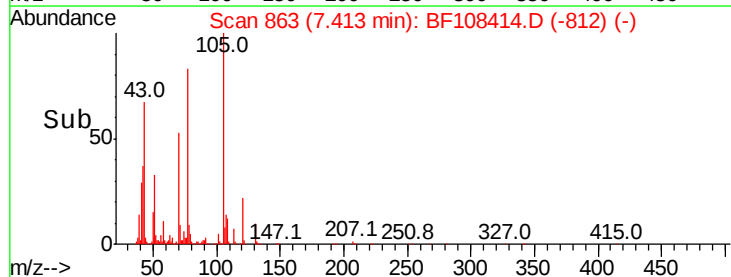
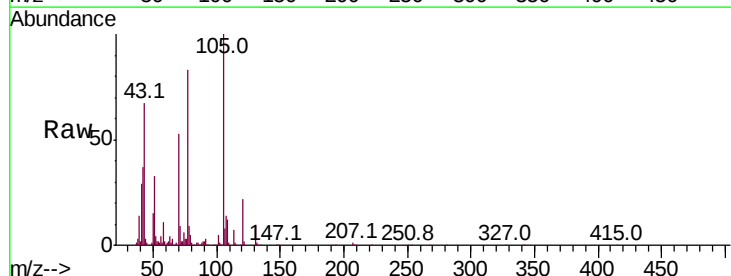
RT: 7.41 min Scan# 863

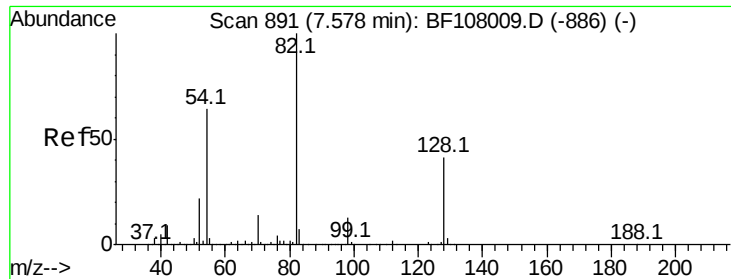
Delta R.T. -0.00 min

Lab File: BF108414.D

Acq: 23 Aug 2018 7:08

Tgt Ion	Ratio	Resp	Lower	Upper
105	100			
71	8.7	4.4	6.6#	
51	33.3	22.3	33.5	
120	21.6	16.9	25.3	





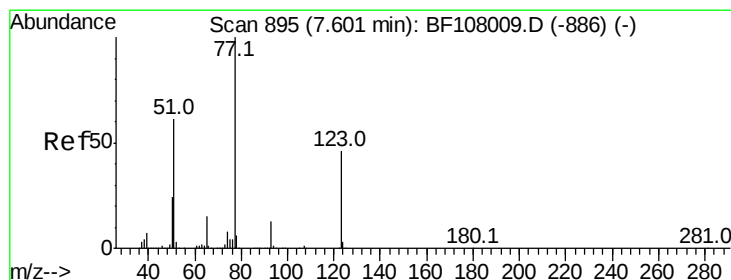
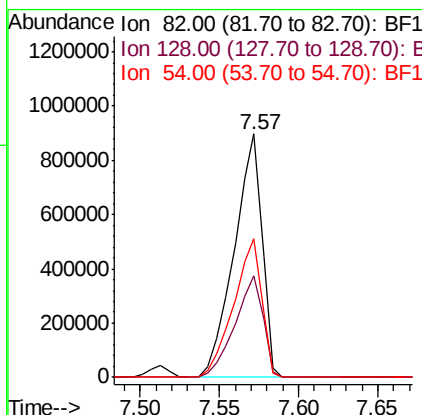
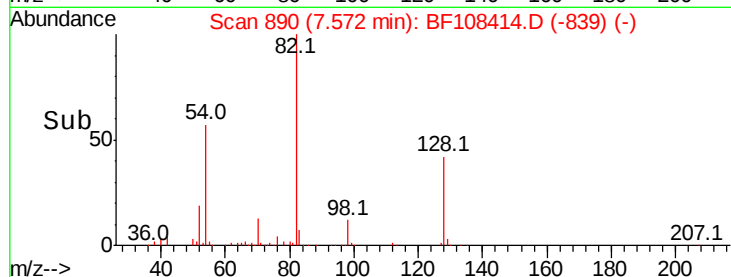
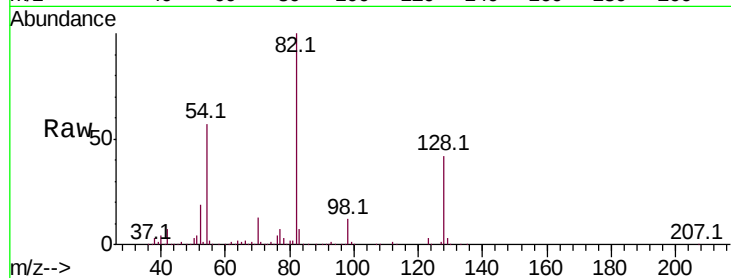
#23
Nitrobenzene-d5
Concen: 104.348 ng
RT: 7.57 min Scan# 890
Delta R.T. -0.00 min
Lab File: BF108414.D
Acq: 23 Aug 2018 7:08

Instrument :
BNA_F
ClientSampleId :
PB112196BS

Tot Ion	Ratio	Lower	Upper
82	100		
128	41.6	36.1	54.1
54	57.1	41.4	62.2

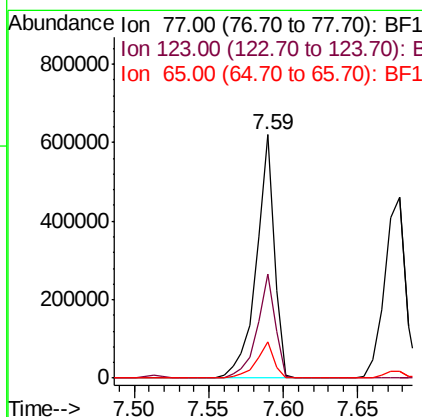
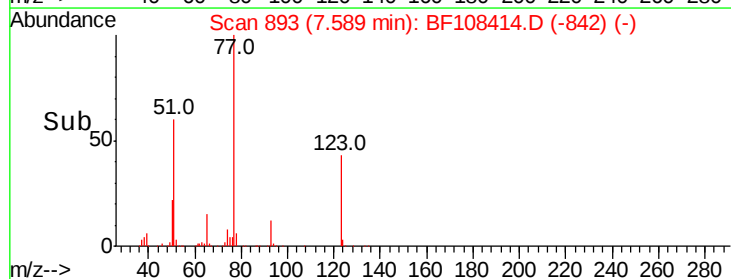
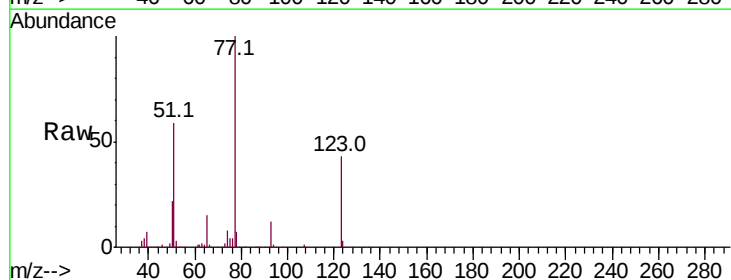
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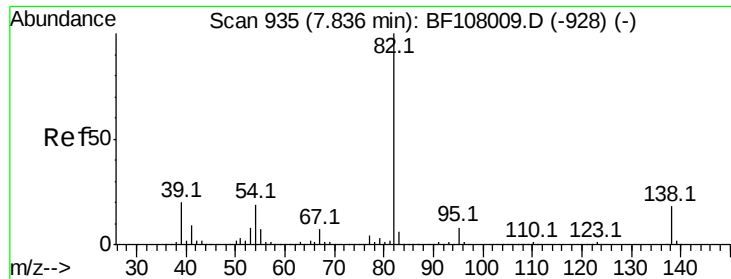
Sohil
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#24
Nitrobenzene
Concen: 48.353 ng
RT: 7.59 min Scan# 893
Delta R.T. -0.00 min
Lab File: BF108414.D
Acq: 23 Aug 2018 7:08

Tgt Ion	Ratio	Lower	Upper
77	100		
123	43.0	37.9	56.9
65	14.7	11.0	16.4





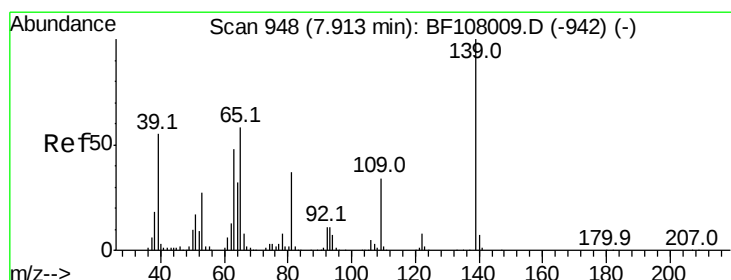
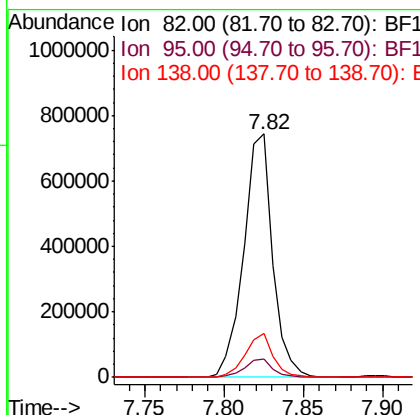
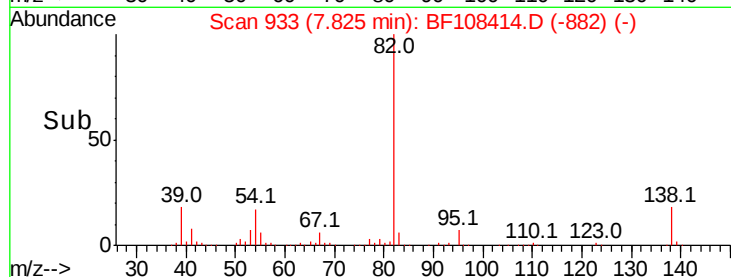
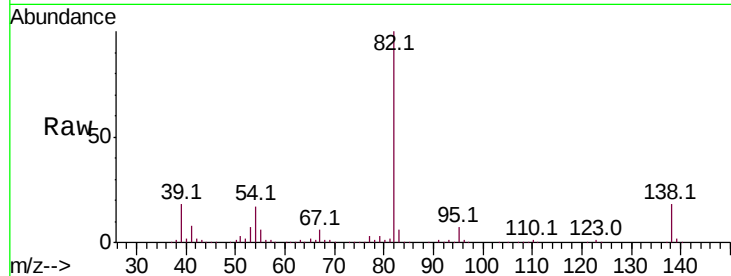
#25
Isophorone
Concen: 47.279 ng
RT: 7.82 min Scan# 933
Delta R.T. -0.00 min
Lab File: BF108414.D
Acq: 23 Aug 2018 7:08

Instrument :
BNA_F
ClientSampleId :
PB112196BS

Tot Ion	Ratio	Resp	Lower	Upper
82	100			
95	7.4	5.2	7.8	
138	17.8	14.9	22.3	

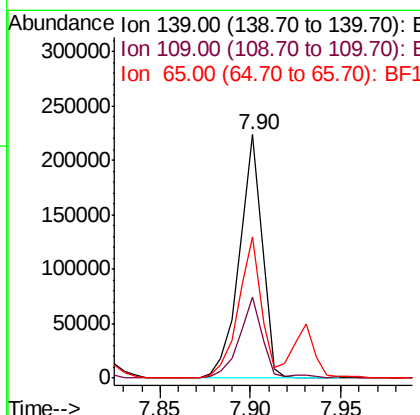
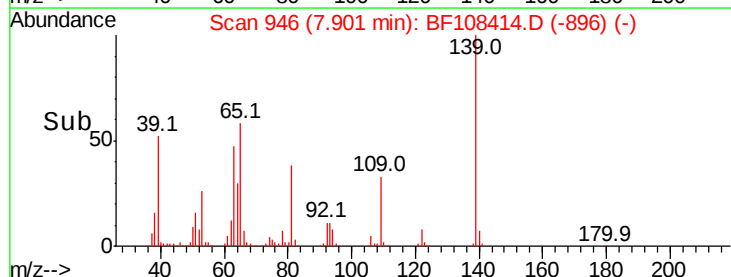
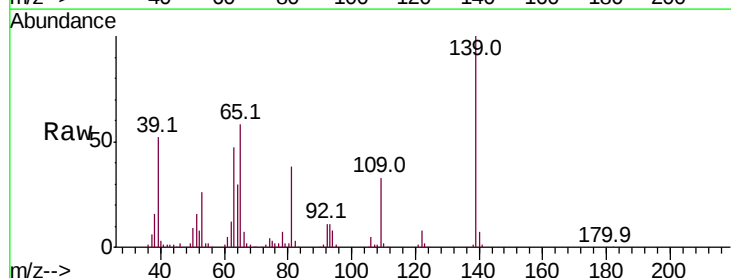
Manual Integrations
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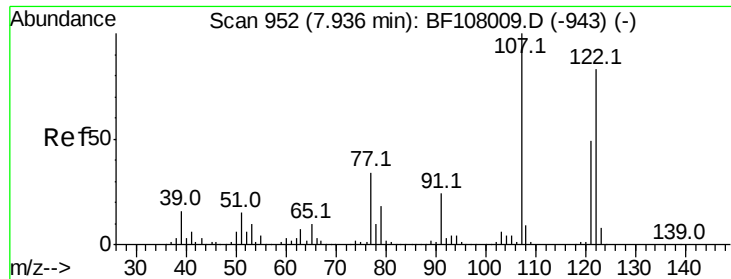
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#26
2-Nitrophenol
Concen: 49.129 ng
RT: 7.90 min Scan# 946
Delta R.T. -0.01 min
Lab File: BF108414.D
Acq: 23 Aug 2018 7:08

Tgt Ion	Ratio	Resp	Lower	Upper
139	100			
109	33.3	22.7	34.1	
65	58.3	40.5	60.7	





#27

2,4-Dimethylphenol

Concen: 47.411 ng

RT: 7.93 min Scan# 951

Delta R.T. -0.00 min

Lab File: BF108414.D

Acq: 23 Aug 2018 7:08

Instrument :

BNA_F

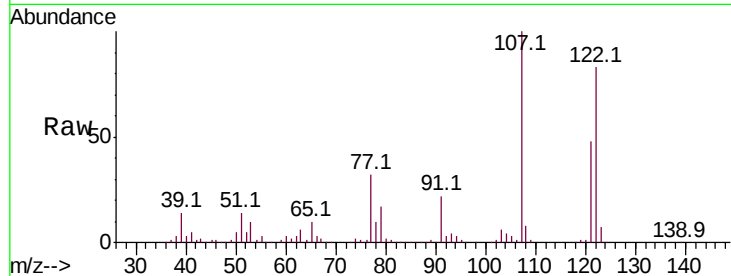
ClientSampleId :

PB112196BS

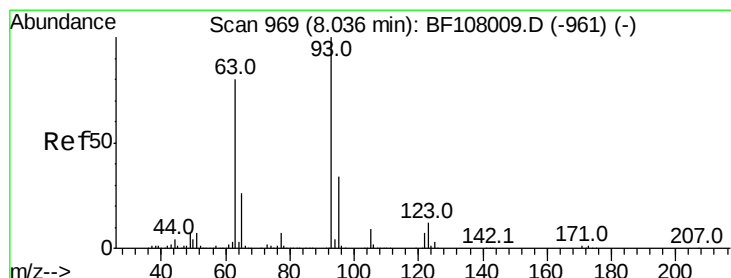
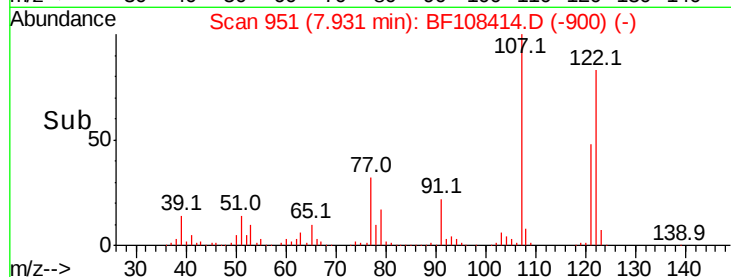
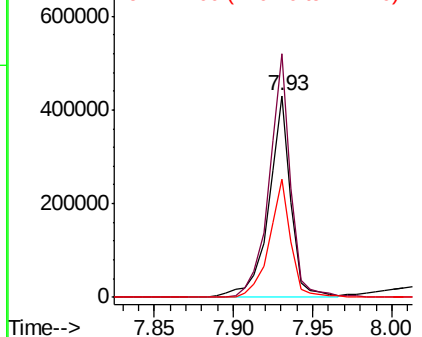
Tot Ion:	122	Resp:	419797
Ion Ratio	Lower	Upper	
122	100		
107	120.7	91.2	136.8
121	58.4	47.2	70.8

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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: 48.224 ng

RT: 8.02 min Scan# 967

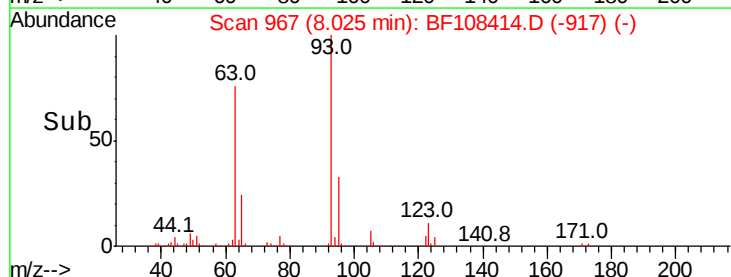
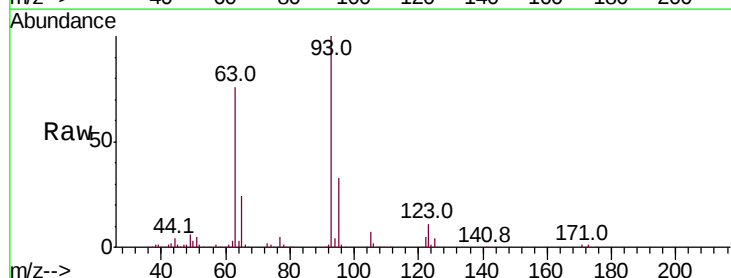
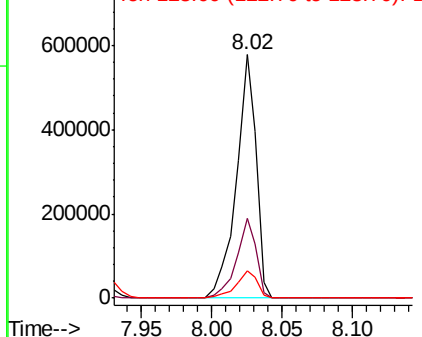
Delta R.T. -0.01 min

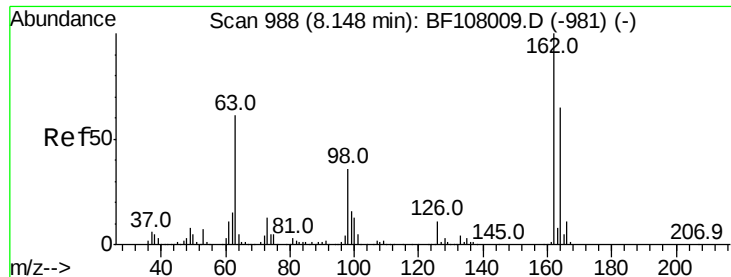
Lab File: BF108414.D

Acq: 23 Aug 2018 7:08

Tgt Ion:	93	Resp:	561630
Ion Ratio	Lower	Upper	
93	100		
95	32.8	26.3	39.5
123	11.1	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





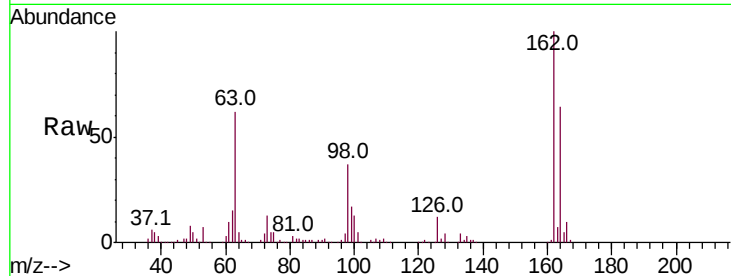
#29
2,4-Dichlorophenol
Concen: 48.516 ng
RT: 8.14 min Scan# 987
Delta R.T. -0.00 min
Lab File: BF108414.D
Acq: 23 Aug 2018 7:08

Instrument :
BNA_F
ClientSampleId :
PB112196BS

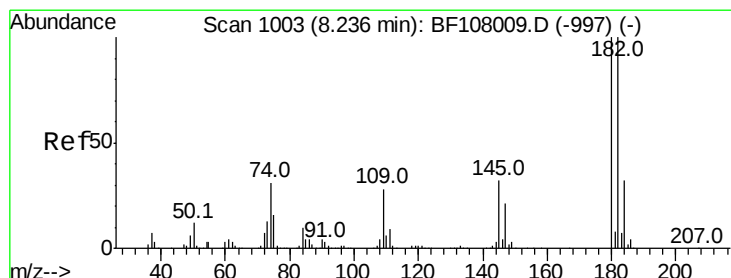
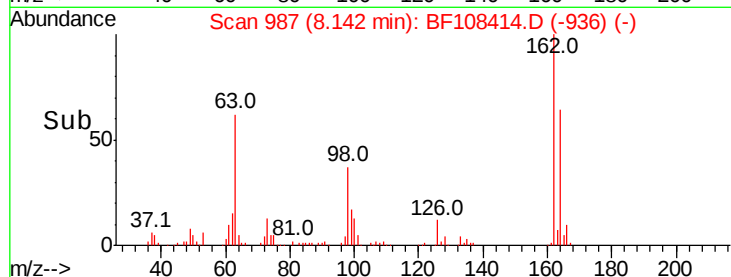
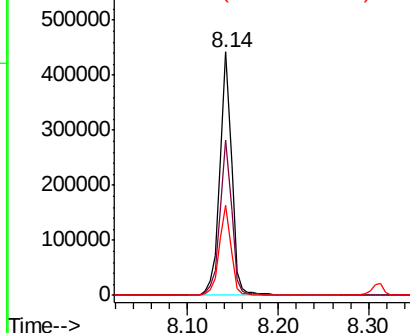
Tot Ion	Ratio	Resp	Lower	Upper
162	100	395326		
164	63.9	42.7	82.7	
98	36.9	18.1	58.1	

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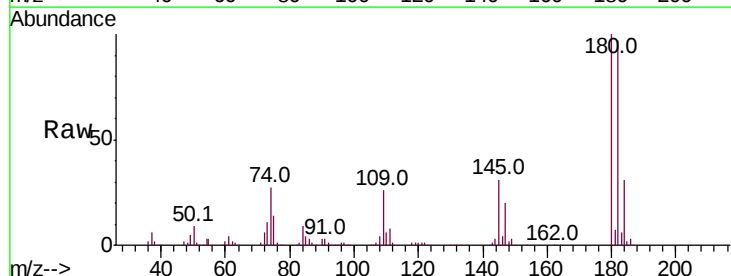


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): BF1

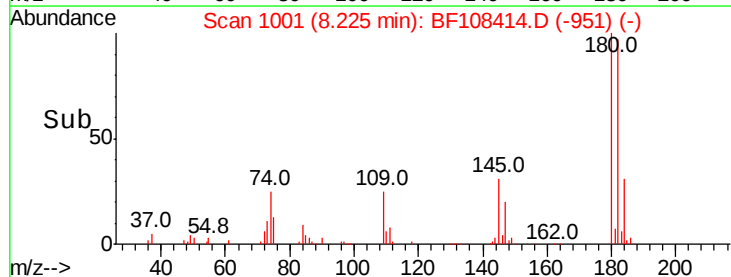
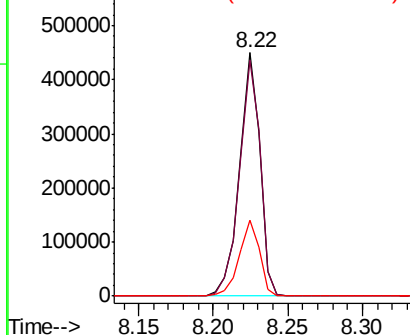


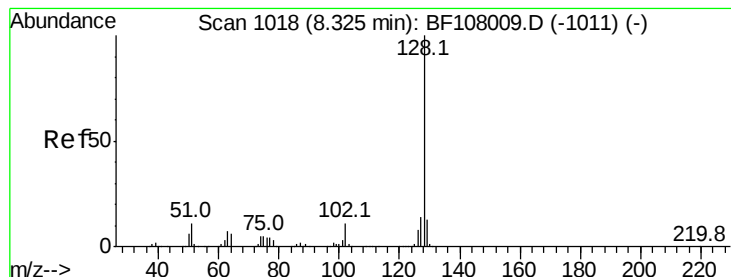
#30
1,2,4-Trichlorobenzene
Concen: 47.788 ng
RT: 8.22 min Scan# 1001
Delta R.T. -0.01 min
Lab File: BF108414.D
Acq: 23 Aug 2018 7:08

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	429320		
182	97.0	76.8	115.2	
145	31.4	26.5	39.7	



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





#31

Naphthalene

Concen: 47.883 ng

RT: 8.31 min Scan# 1016

Delta R.T. -0.00 min

Lab File: BF108414.D

Acq: 23 Aug 2018 7:08

Instrument :

BNA_F

ClientSampleId :

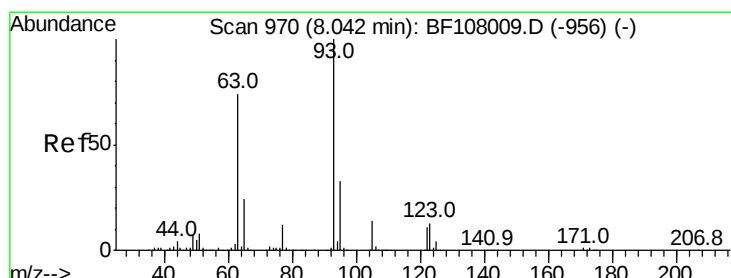
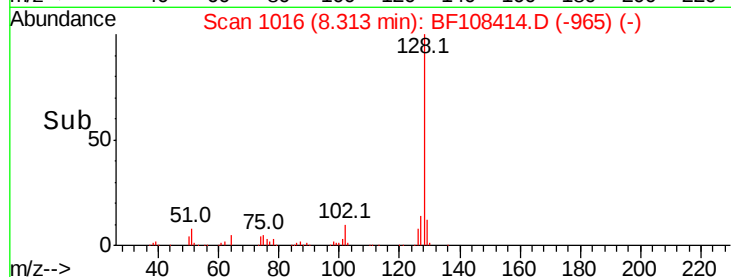
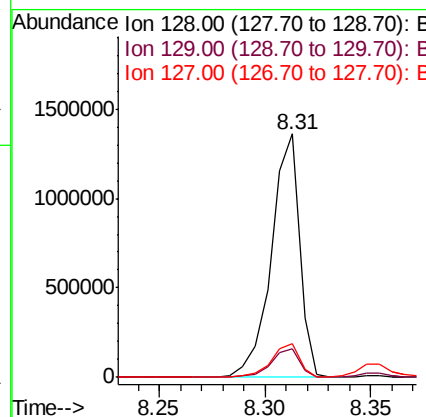
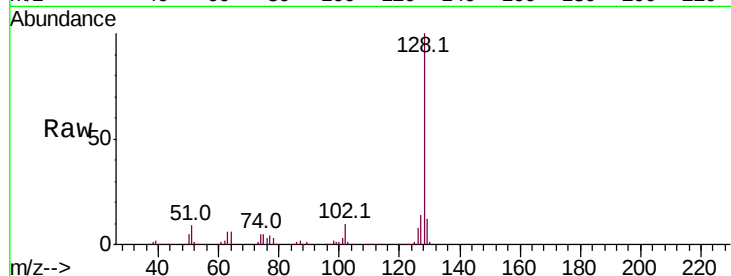
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Tot Ion:128 Resp: 1271864

Ion	Ratio	Lower	Upper
128	100		
129	11.6	8.8	13.2
127	13.9	10.9	16.3

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#32

Benzoic acid

Concen: 26.735 ng m

RT: 8.04 min Scan# 969

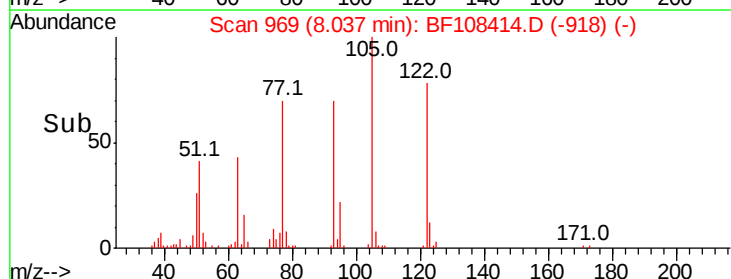
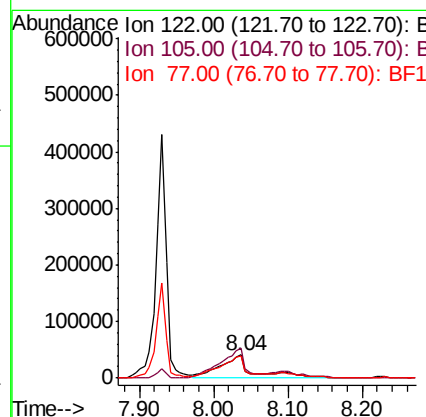
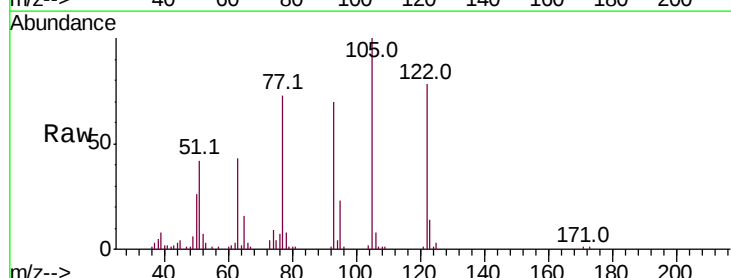
Delta R.T. -0.00 min

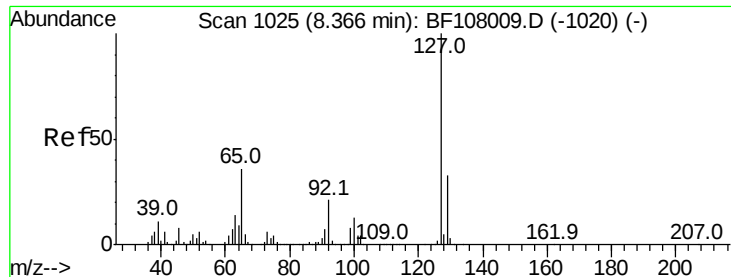
Lab File: BF108414.D

Acq: 23 Aug 2018 7:08

Tgt Ion:122 Resp: 121838

Ion	Ratio	Lower	Upper
122	100		
105	127.7	101.1	141.1
77	92.7	70.7	110.7





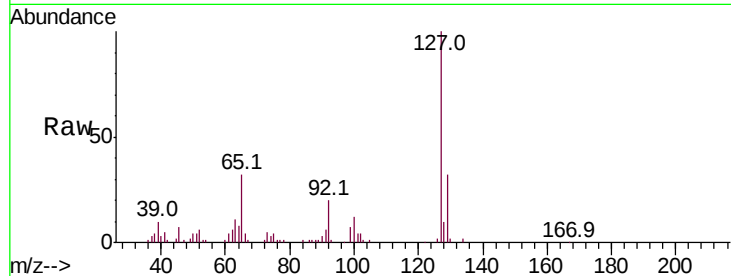
#33
4-Chloroaniline
Concen: 8.232 ng
RT: 8.35 min Scan# 1023
Delta R.T. -0.01 min
Lab File: BF108414.D
Acq: 23 Aug 2018 7:08

Instrument :
BNA_F
ClientSampleId :
PB112196BS

Tot Ion	Ratio	Resp	Lower	Upper
127	100			
129	32.4	25.9	38.9	
65	31.5	25.0	37.4	
92	19.5	15.2	22.8	

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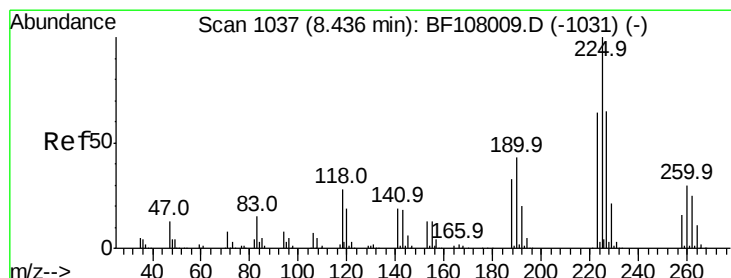
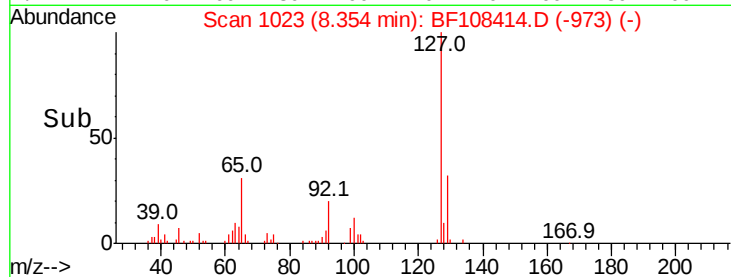
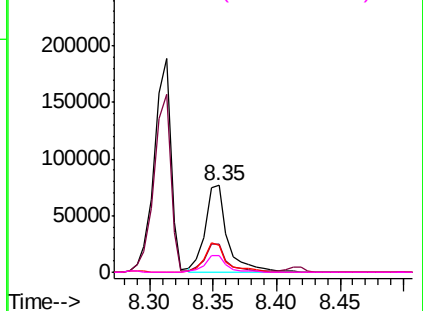
Abundance

Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

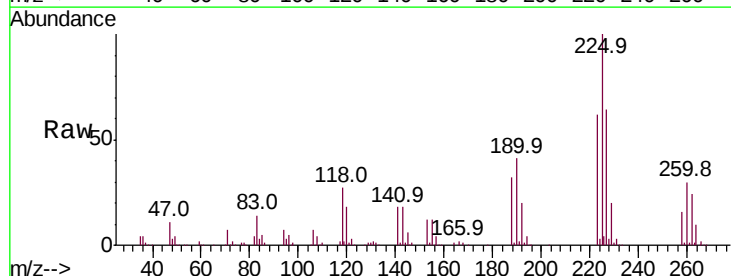
Ion 65.00 (64.70 to 65.70): BF1

Ion 92.00 (91.70 to 92.70): BF1



#34
Hexachlorobutadiene
Concen: 49.420 ng
RT: 8.42 min Scan# 1034
Delta R.T. -0.00 min
Lab File: BF108414.D
Acq: 23 Aug 2018 7:08

Tgt Ion	Ratio	Resp	Lower	Upper
225	100			
223	61.8	50.6	76.0	
227	63.7	51.9	77.9	

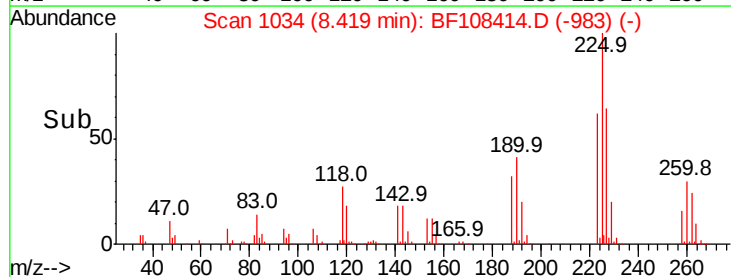
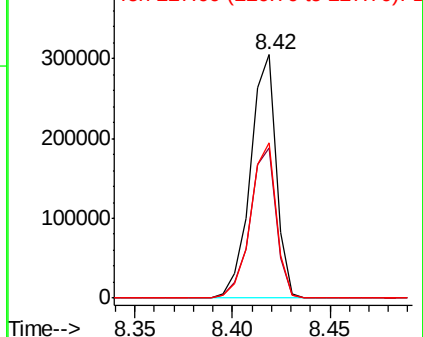


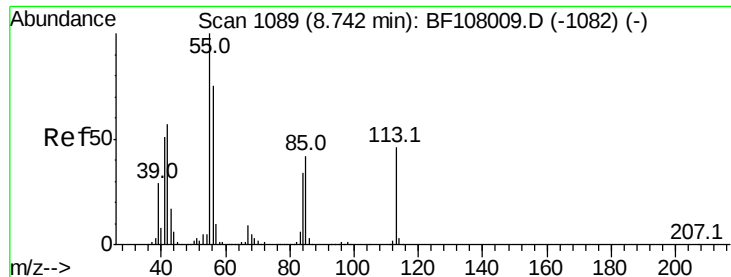
Abundance

Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#35

Caprolactam

Concen: 44.457 ng

RT: 8.74 min Scan# 1089

Delta R.T. 0.01 min

Lab File: BF108414.D

Acq: 23 Aug 2018 7:08

Instrument :

BNA_F

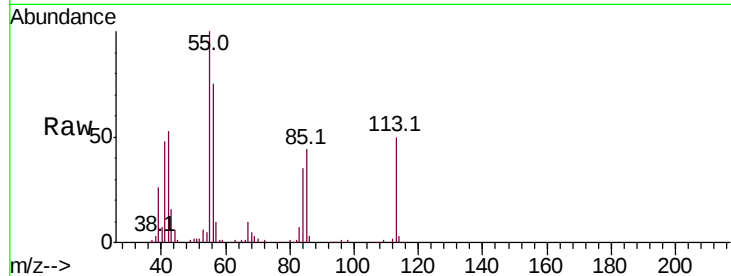
ClientSampled :

PB112196BS

Tot Ion:	113	Resp:	113521
Ion Ratio	Lower	Upper	
113	100		
55	198.4	163.3	203.3
56	148.1	115.7	155.7

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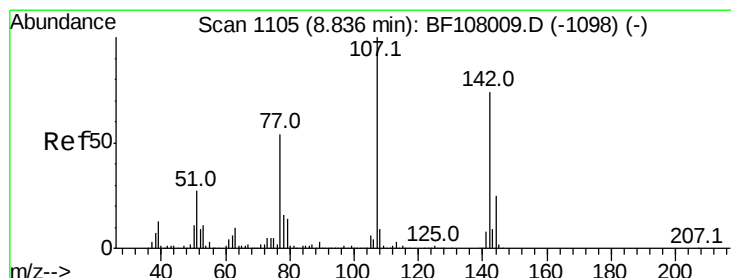
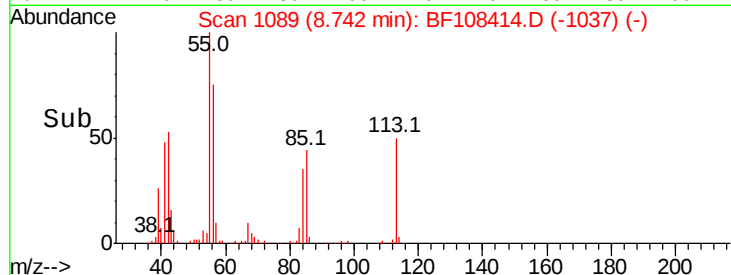
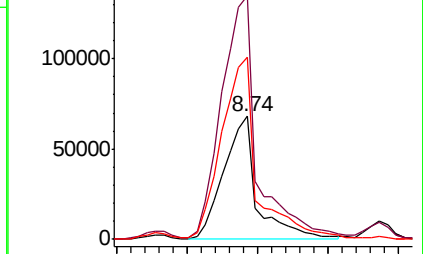
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Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF1

Ion 56.00 (55.70 to 56.70): BF1



#36

4-Chloro-3-methylphenol

Concen: 46.839 ng

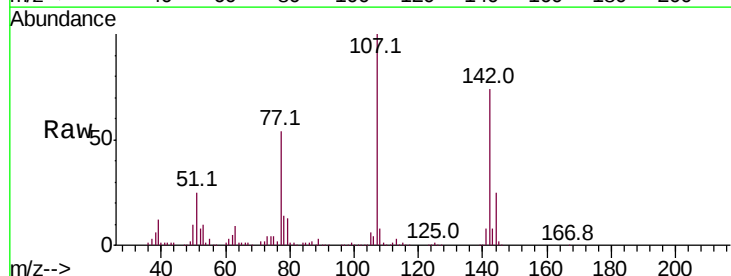
RT: 8.84 min Scan# 1105

Delta R.T. 0.01 min

Lab File: BF108414.D

Acq: 23 Aug 2018 7:08

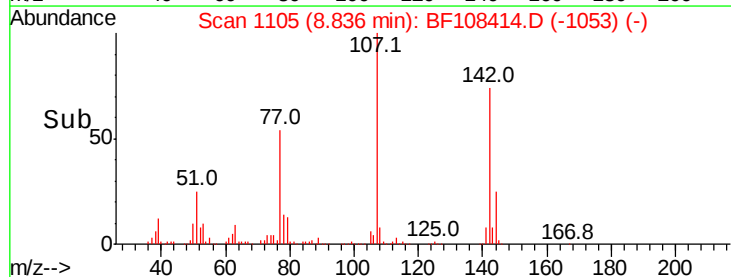
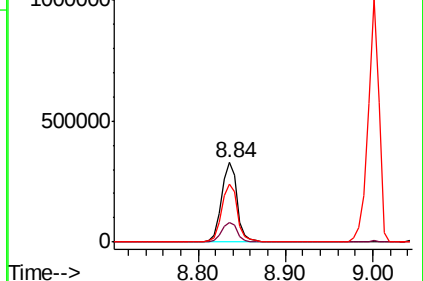
Tgt Ion:	107	Resp:	411733
Ion Ratio	Lower	Upper	
107	100		
144	24.7	20.5	30.7
142	73.6	62.0	93.0

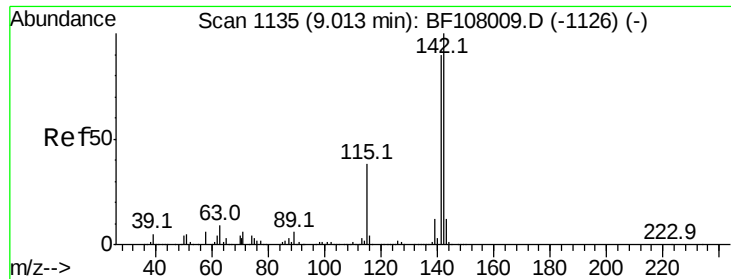


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





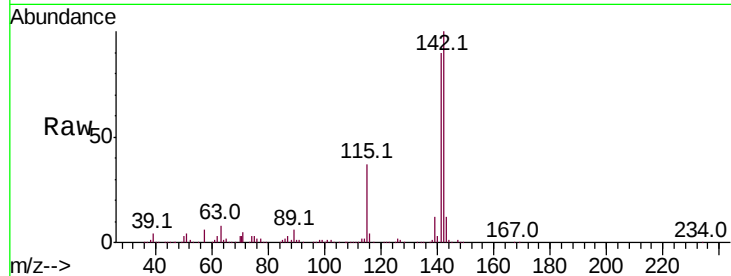
#37
2-Methylnaphthalene
Concen: 46.591 ng
RT: 9.00 min Scan# 1133
Delta R.T. -0.01 min
Lab File: BF108414.D
Acq: 23 Aug 2018 7:08

Instrument :
BNA_F
ClientSampleId :
PB112196BS

Tot Ion	Ratio	Resp	Lower	Upper
142	100	875578		
141	90.0		70.8	106.2
115	37.3		26.1	39.1

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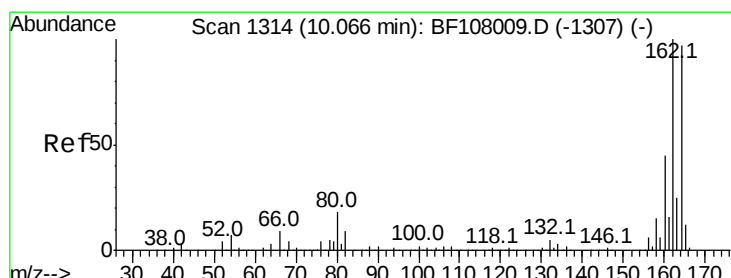
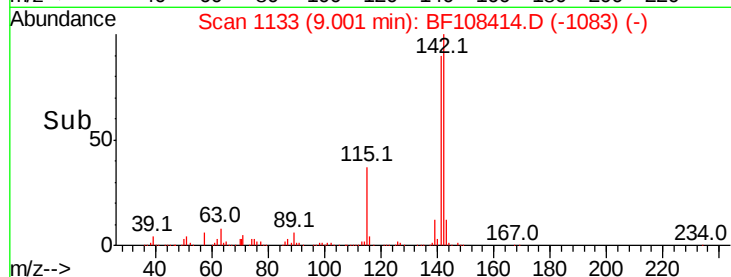
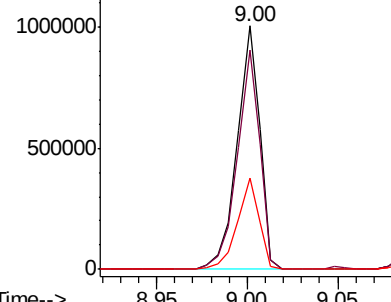


Abundance

Ion 142.00 (141.70 to 142.70): E

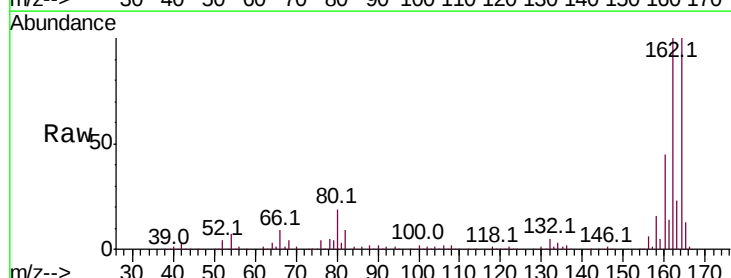
Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.05 min Scan# 1311
Delta R.T. -0.01 min
Lab File: BF108414.D
Acq: 23 Aug 2018 7:08

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	280894		
162	100.5		86.1	129.1
160	45.1		38.3	57.5

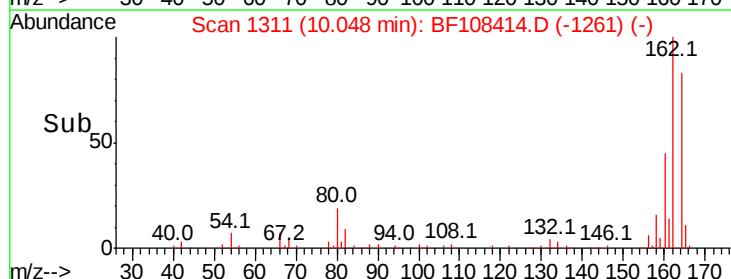
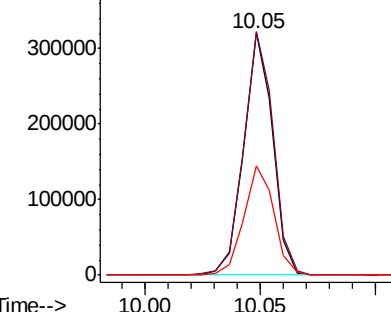


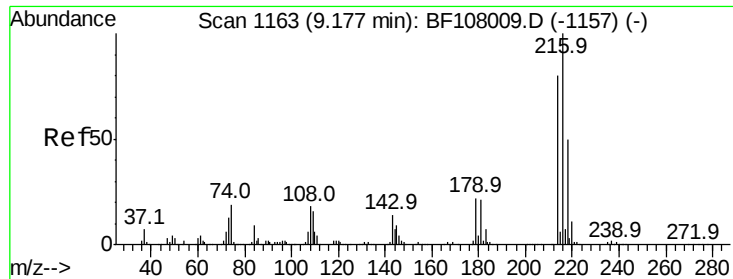
Abundance

Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E





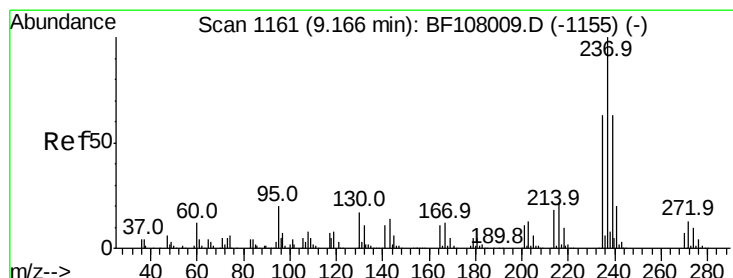
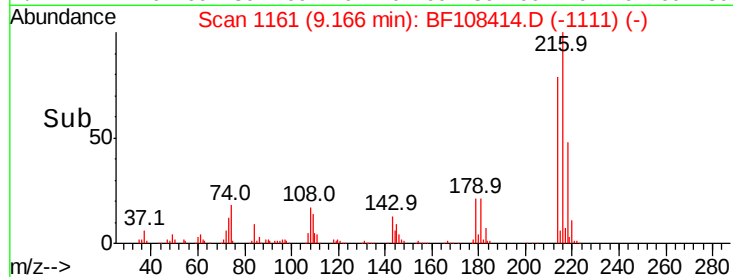
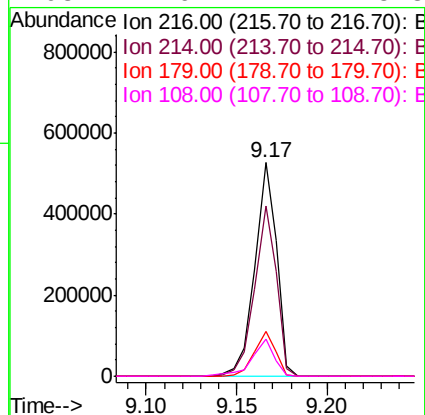
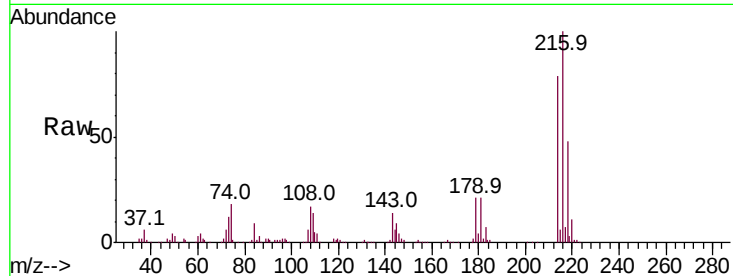
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 51.038 ng
 RT: 9.17 min Scan# 1161
 Delta R.T. -0.01 min
 Lab File: BF108414.D
 Acq: 23 Aug 2018 7:08

Instrument :
 BNA_F
 ClientSampleId :
 PB112196BS

Tot Ion	Ratio	Resp	Lower	Upper
216	100	440254		
214	79.7	63.0	94.4	
179	20.7	18.1	27.1	
108	17.6	17.2	25.8	

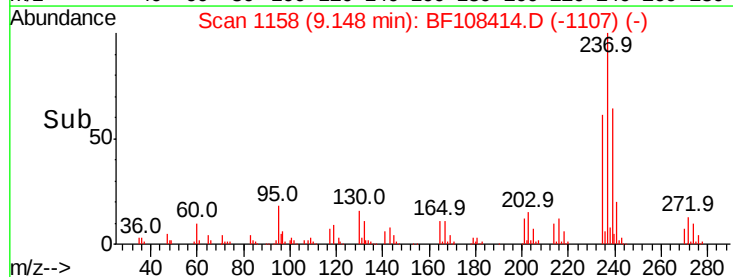
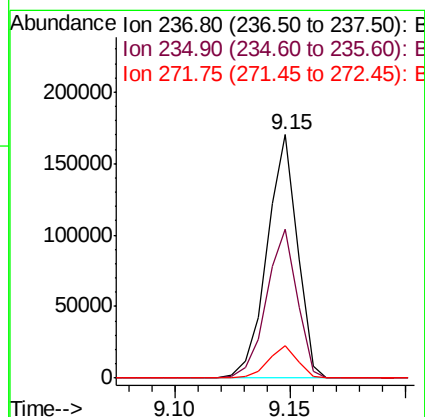
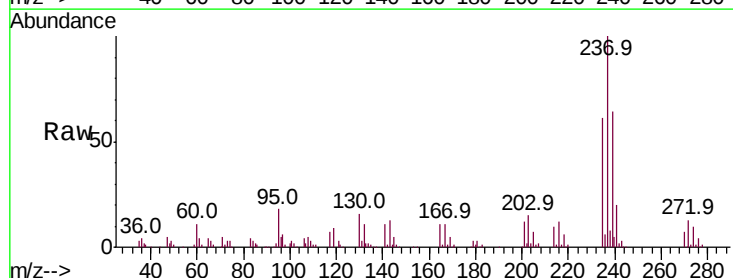
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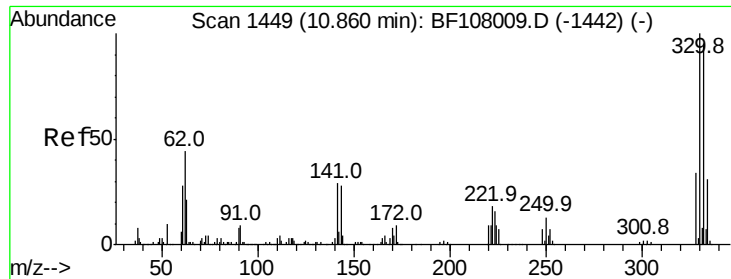
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#40
 Hexachlorocyclopentadiene
 Concen: 27.833 ng
 RT: 9.15 min Scan# 1158
 Delta R.T. -0.00 min
 Lab File: BF108414.D
 Acq: 23 Aug 2018 7:08

Tgt Ion	Ratio	Resp	Lower	Upper
237	100	155074		
235	61.1	44.8	84.8	
272	13.1	0.0	33.3	





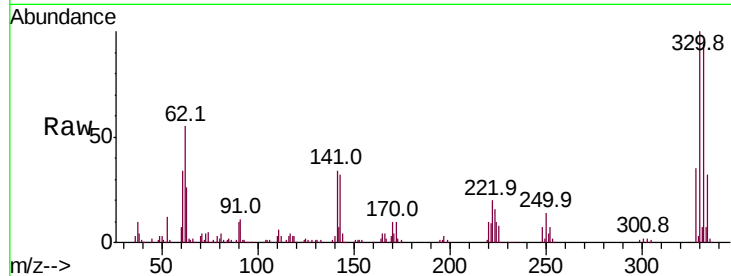
#41
 2,4,6-Tribromophenol
 Concen: 88.046 ng
 RT: 10.84 min Scan# 1446
 Delta R.T. -0.01 min
 Lab File: BF108414.D
 Acq: 23 Aug 2018 7:08

Instrument :
 BNA_F
 ClientSampleId :
 PB112196BS

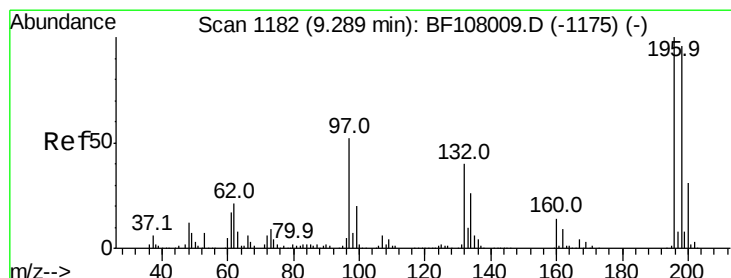
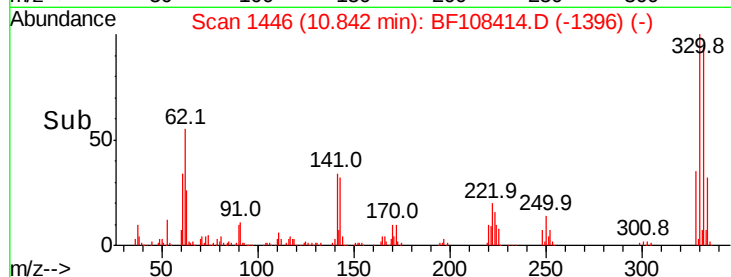
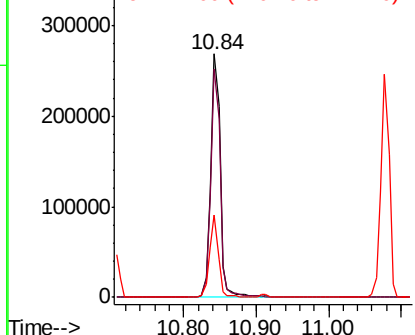
Tot Ion	Ratio	Resp	Lower	Upper
330	100	246690		
332	92.7	77.0	115.6	
141	31.0	29.9	44.9	

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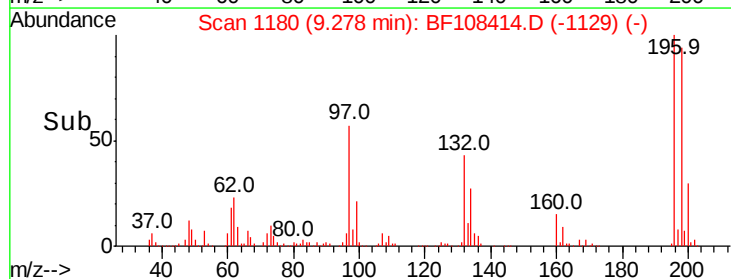
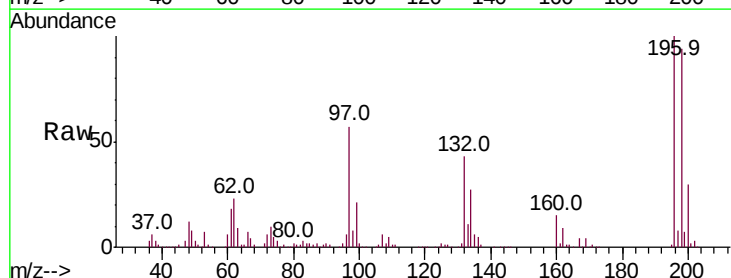
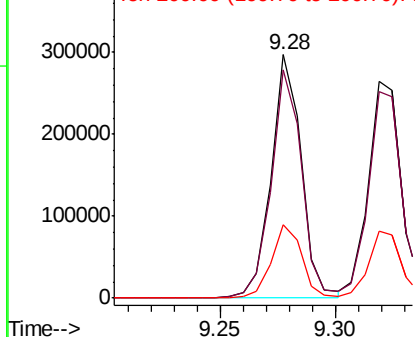
Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

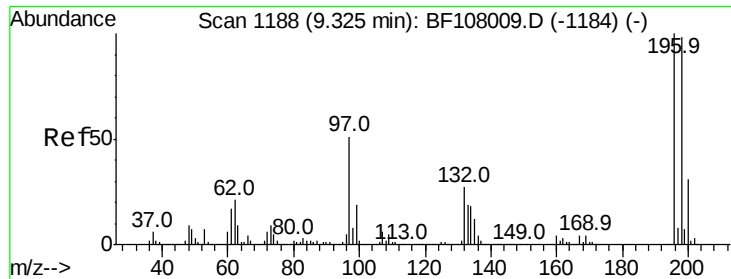


#42
 2,4,6-Trichlorophenol
 Concen: 50.406 ng
 RT: 9.28 min Scan# 1180
 Delta R.T. -0.00 min
 Lab File: BF108414.D
 Acq: 23 Aug 2018 7:08

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	269817		
198	93.6	75.7	113.5	
200	30.0	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





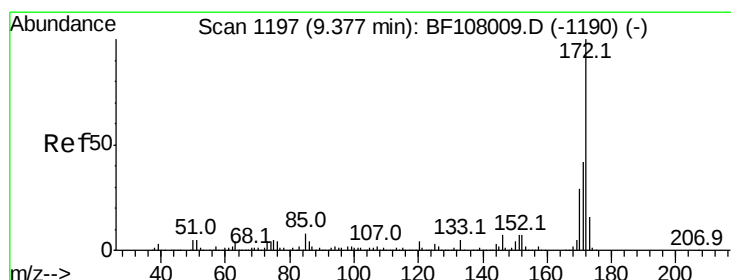
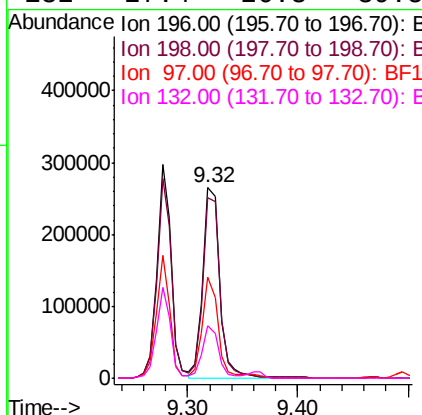
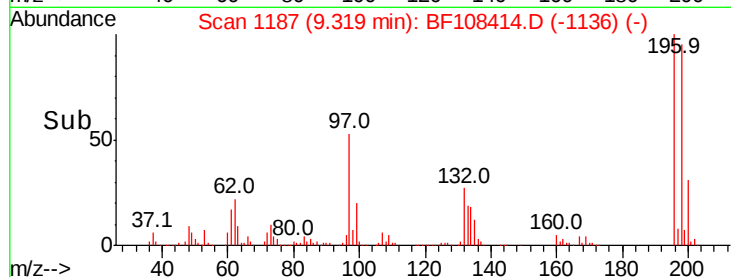
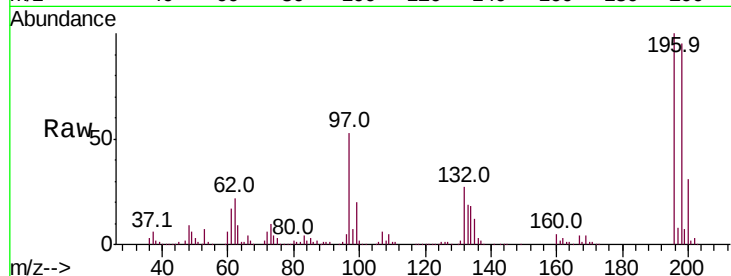
#43
 2,4,5-Trichlorophenol
 Concen: 46.728 ng
 RT: 9.32 min Scan# 1187
 Delta R.T. -0.00 min
 Lab File: BF108414.D
 Acq: 23 Aug 2018 7:08

Instrument :
 BNA_F
 ClientSampleId :
 PB112196BS

Tot Ion:	196	Resp:	275348
Ion Ratio	Lower	Upper	
196	100		
198	94.9	74.6	112.0
97	52.9	42.9	64.3
132	27.4	26.3	39.5

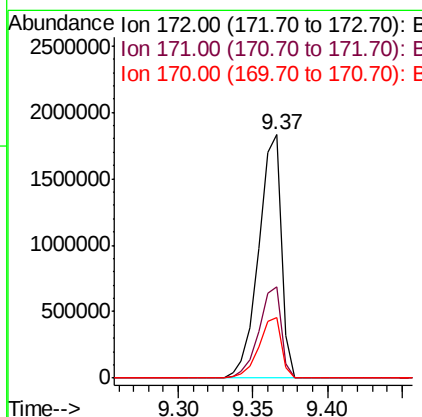
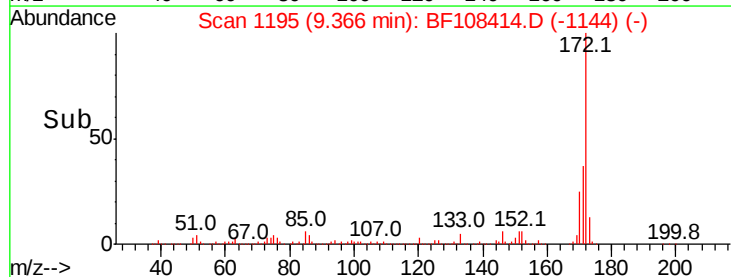
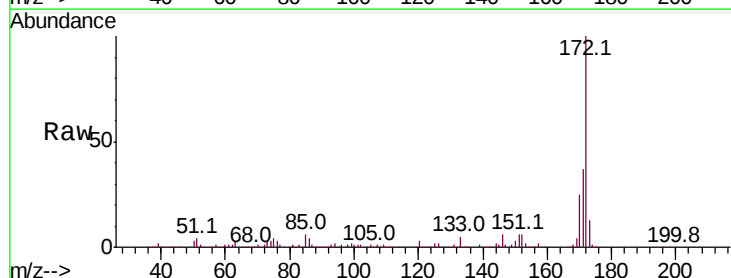
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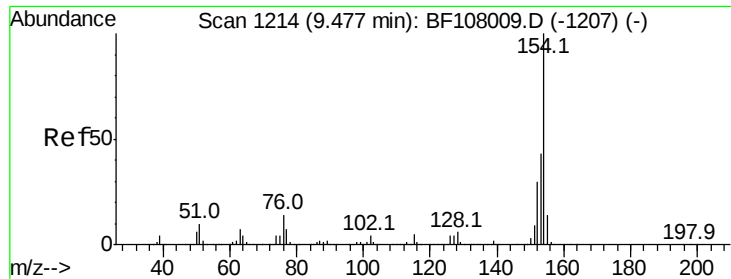
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#44
 2-Fluorobiphenyl
 Concen: 108.788 ng
 RT: 9.37 min Scan# 1195
 Delta R.T. -0.00 min
 Lab File: BF108414.D
 Acq: 23 Aug 2018 7:08

Tgt Ion:	172	Resp:	1903358
Ion Ratio	Lower	Upper	
172	100		
171	37.4	29.7	44.5
170	25.0	19.6	29.4





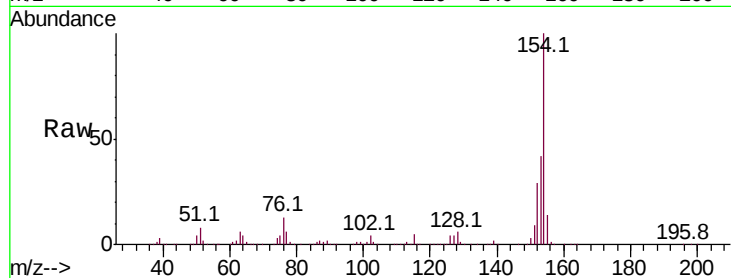
#45
 1,1'-Biphenyl
 Concen: 51.102 ng
 RT: 9.47 min Scan# 1212
 Delta R.T. -0.00 min
 Lab File: BF108414.D
 Acq: 23 Aug 2018 7:08

Instrument :
 BNA_F
 ClientSampleId :
 PB112196BS

Tot Ion	Ratio	Lower	Upper
154	100		
153	41.6	21.3	61.3
76	12.8	0.0	34.0

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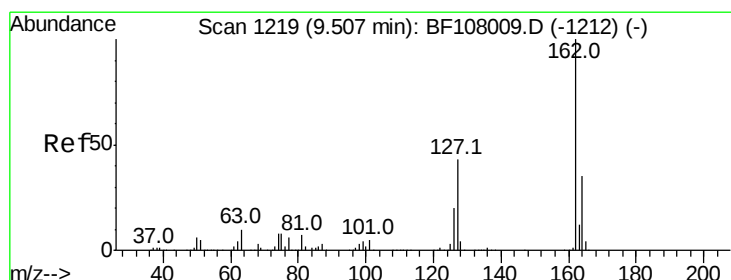
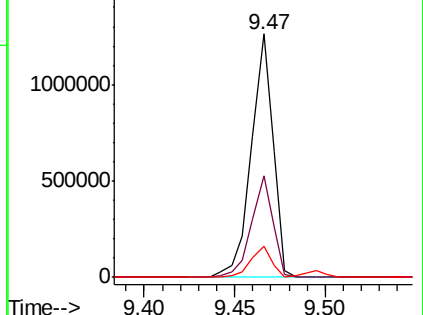
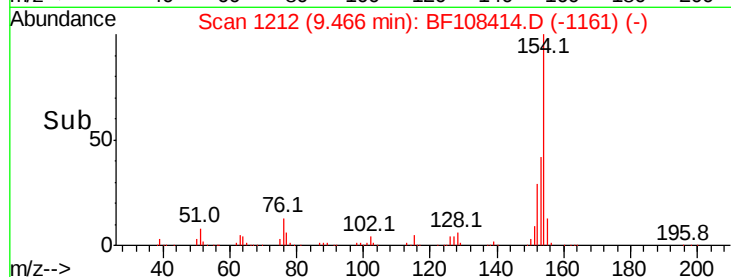


Abundance

Ion 154.00 (153.70 to 154.70): E

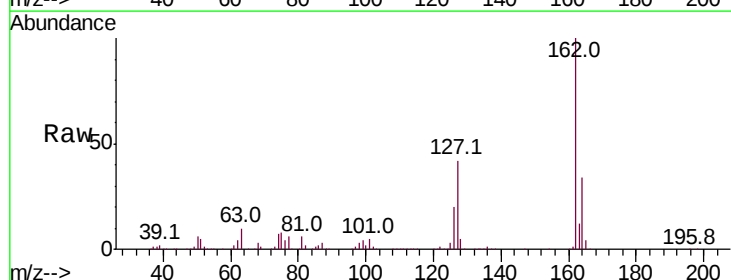
Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF1



#46
 2-Chloronaphthalene
 Concen: 49.128 ng
 RT: 9.50 min Scan# 1217
 Delta R.T. -0.00 min
 Lab File: BF108414.D
 Acq: 23 Aug 2018 7:08

Tgt Ion	Ratio	Lower	Upper
162	100		
127	41.5	33.9	50.9
164	34.0	26.5	39.7

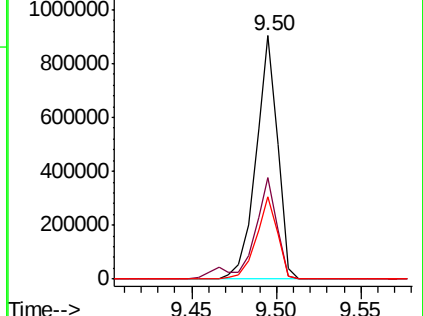
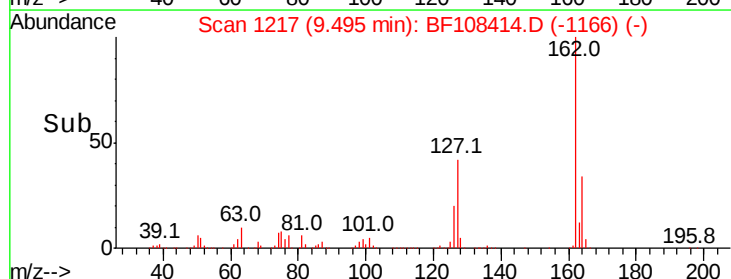


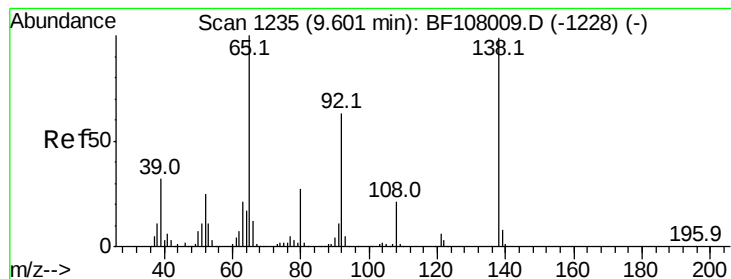
Abundance

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: 52.029 ng

RT: 9.59 min Scan# 1233

Delta R.T. -0.00 min

Lab File: BF108414.D

Acq: 23 Aug 2018 7:08

Instrument :

BNA_F

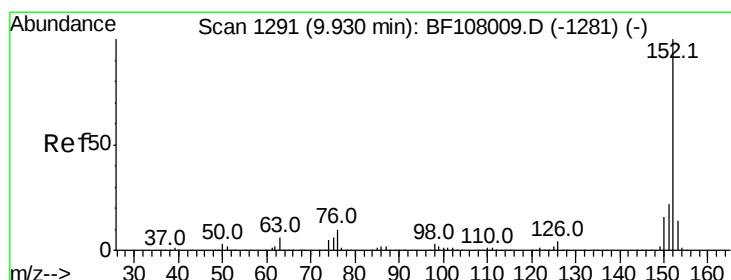
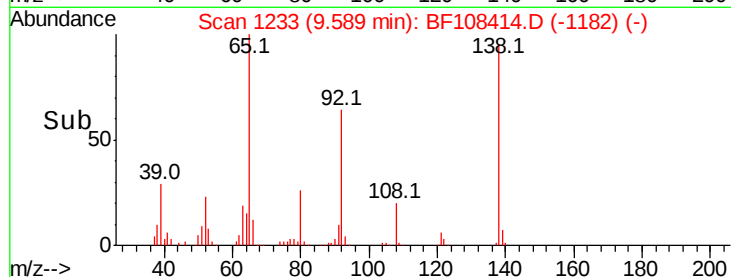
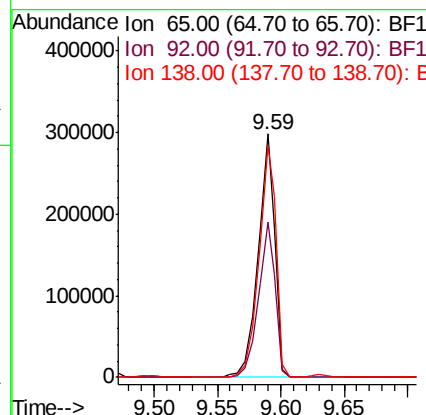
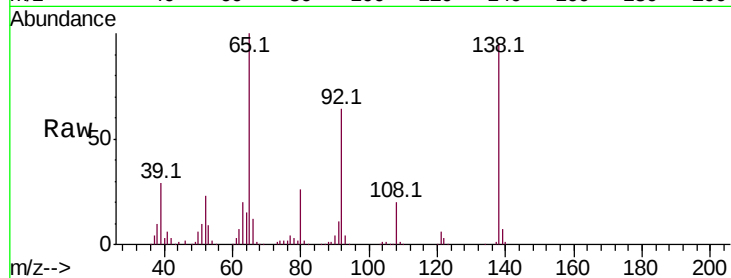
ClientSampleId :

PB112196BS

Tot Ion:	65	Resp:	275561
Ion Ratio	Lower	Upper	
65	100		
92	63.6	55.8	83.6
138	95.2	91.2	136.8

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#48

Acenaphthylene

Concen: 48.468 ng

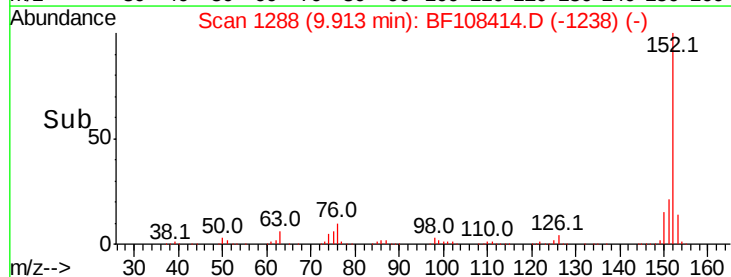
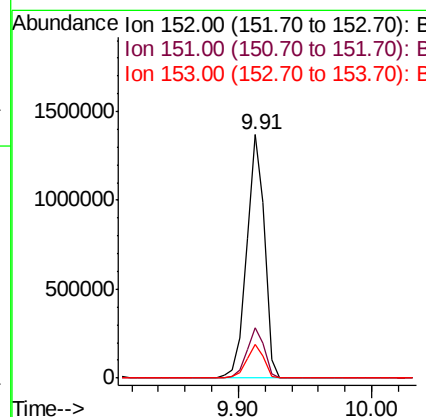
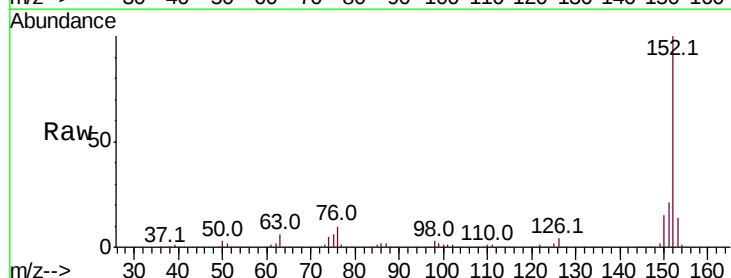
RT: 9.91 min Scan# 1288

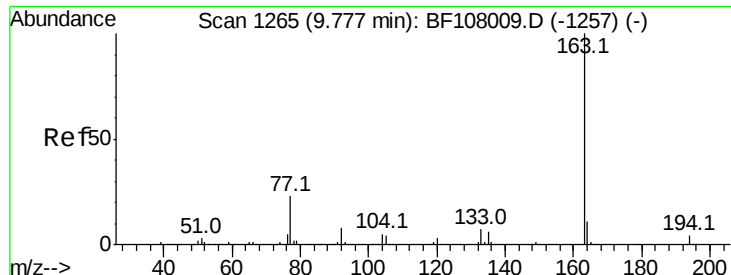
Delta R.T. -0.01 min

Lab File: BF108414.D

Acq: 23 Aug 2018 7:08

Tgt Ion:	152	Resp:	1254249
Ion Ratio	Lower	Upper	
152	100		
151	20.9	16.3	24.5
153	13.9	10.7	16.1





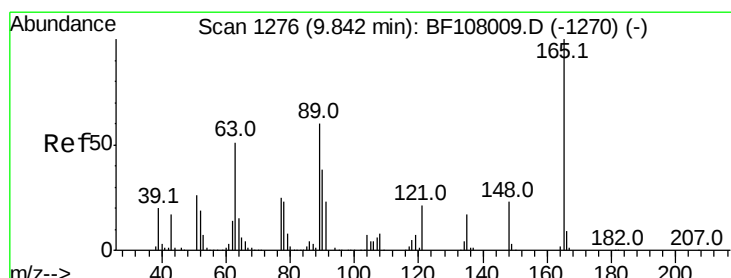
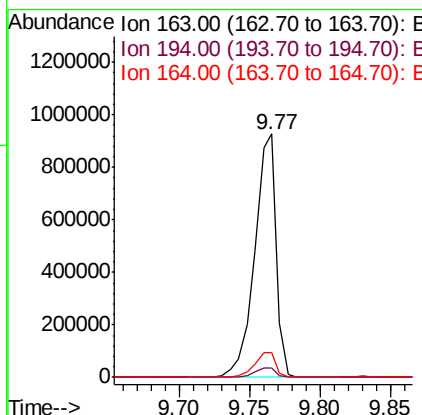
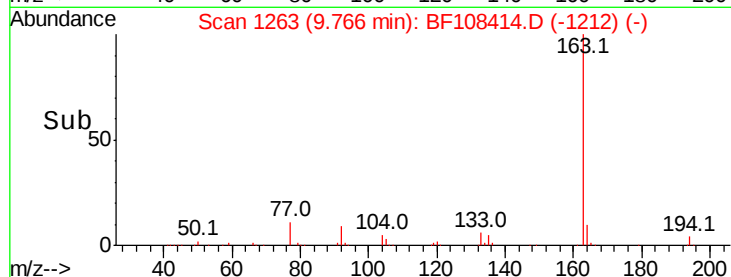
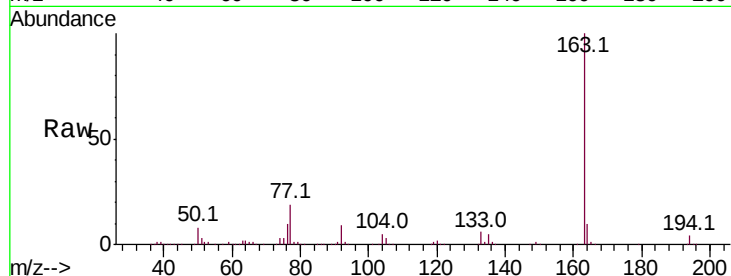
#49
 Dimethylphthalate
 Concen: 50.779 ng
 RT: 9.77 min Scan# 1263
 Delta R.T. -0.00 min
 Lab File: BF108414.D
 Acq: 23 Aug 2018 7:08

Instrument :
 BNA_F
 ClientSampleId :
 PB112196BS

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

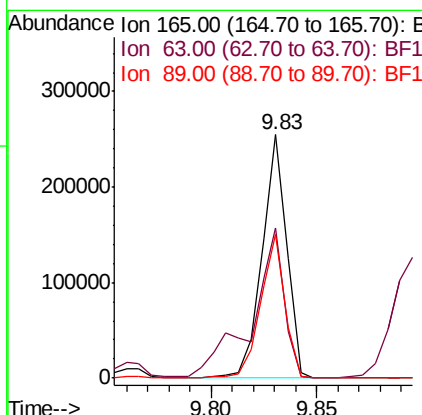
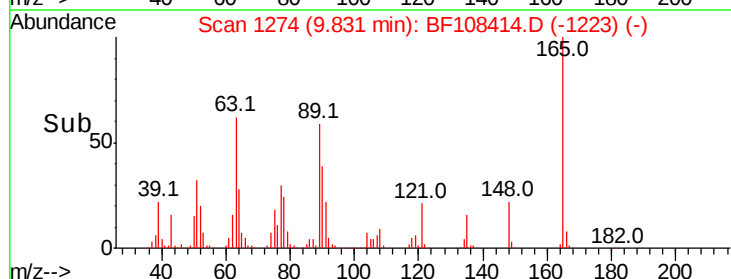
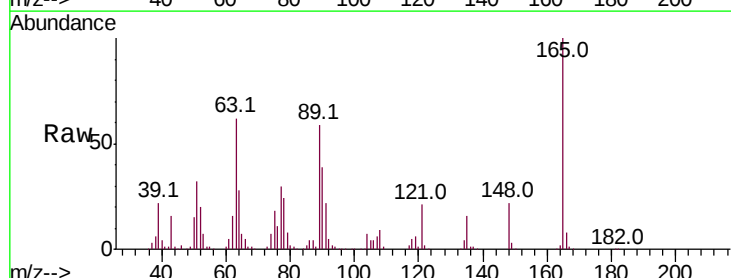
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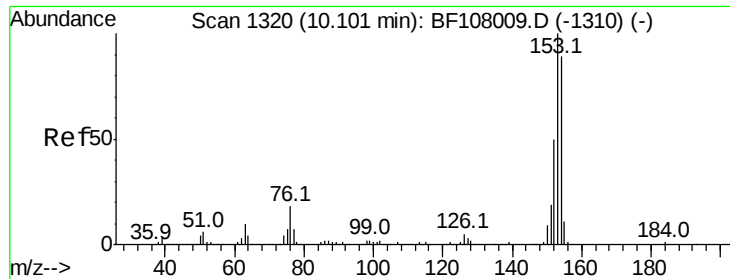
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#50
 2,6-Dinitrotoluene
 Concen: 50.348 ng
 RT: 9.83 min Scan# 1274
 Delta R.T. -0.00 min
 Lab File: BF108414.D
 Acq: 23 Aug 2018 7:08

Tgt Ion	Ratio	Resp	Lower	Upper
165	100			
63	61.9	44.7	67.1	
89	59.2	44.0	66.0	





#51

Acenaphthene

Concen: 46.362 ng

RT: 10.08 min Scan# 1317

Delta R.T. -0.01 min

Lab File: BF108414.D

Acq: 23 Aug 2018 7:08

Instrument :

BNA_F

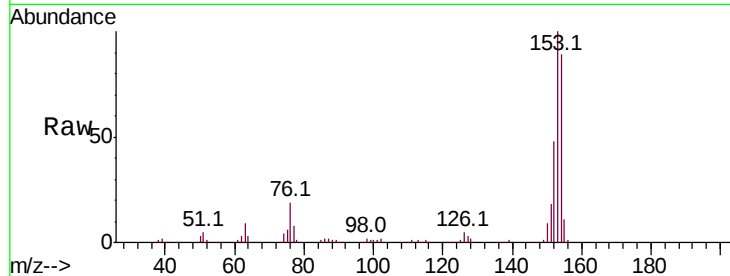
ClientSampleId :

PB112196BS

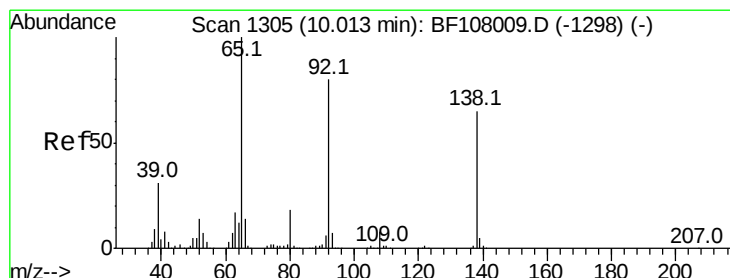
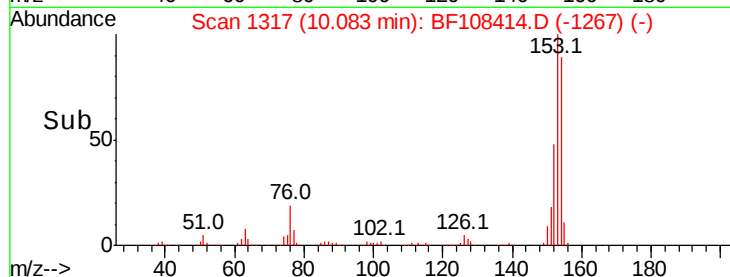
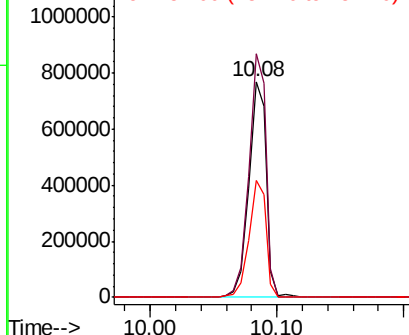
Tot Ion:	154	Resp:	734830
Ion Ratio	Lower	Upper	
154	100		
153	112.9	91.2	136.8
152	54.5	43.8	65.8

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



#52

3-Nitroaniline

Concen: 31.772 ng

RT: 10.00 min Scan# 1303

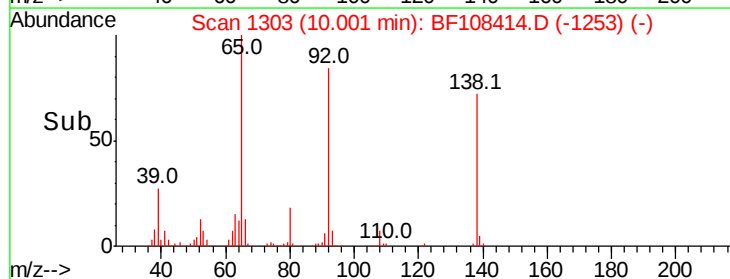
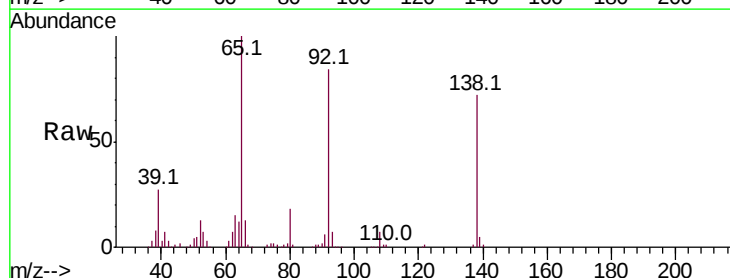
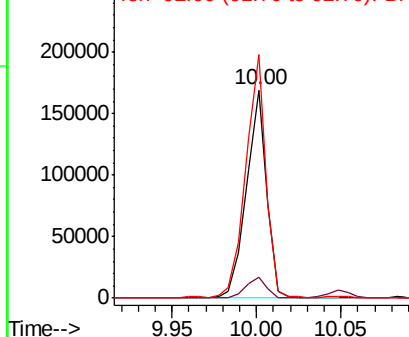
Delta R.T. -0.01 min

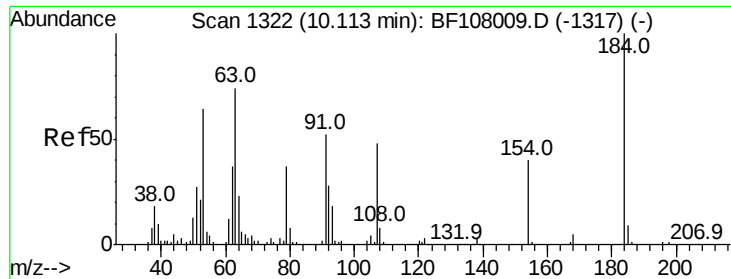
Lab File: BF108414.D

Acq: 23 Aug 2018 7:08

Tgt Ion:	138	Resp:	142308
Ion Ratio	Lower	Upper	
138	100		
108	10.3	9.4	14.0
92	117.2	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





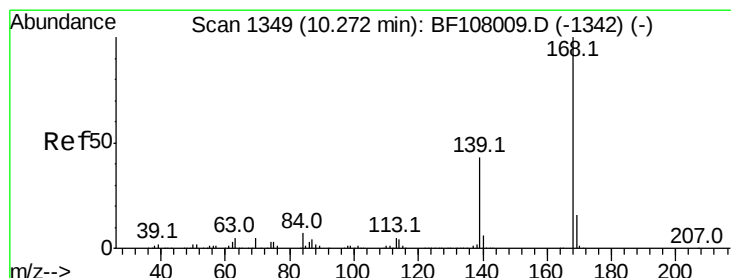
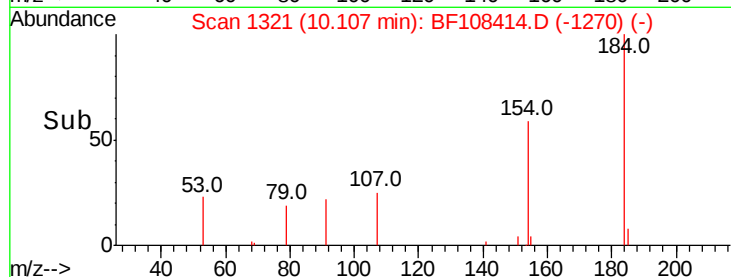
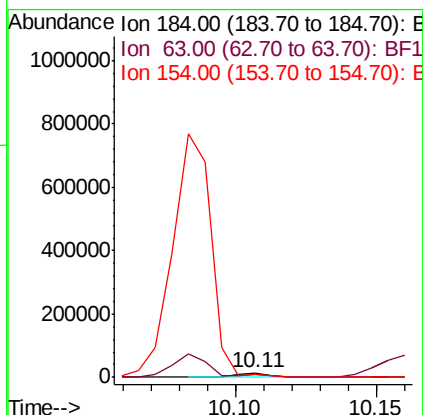
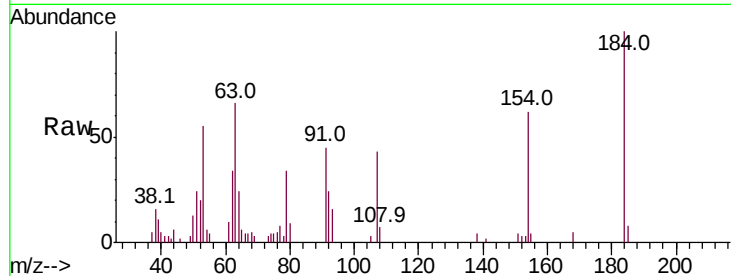
#53
2,4-Dinitrophenol
Concen: 14.425 ng
RT: 10.11 min Scan# 1321
Delta R.T. -0.00 min
Lab File: BF108414.D
Acq: 23 Aug 2018 7:08

Instrument :
BNA_F
ClientSampled :
PB112196BS

Tot Ion	Ratio	Lower	Upper
184	100		
63	66.4	54.2	81.2
154	62.0	184.0	276.0#

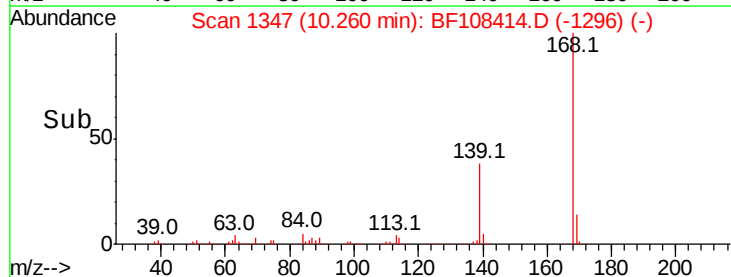
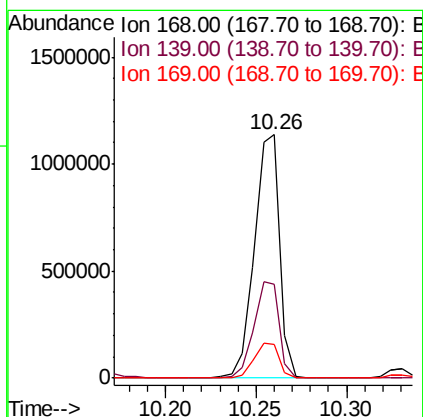
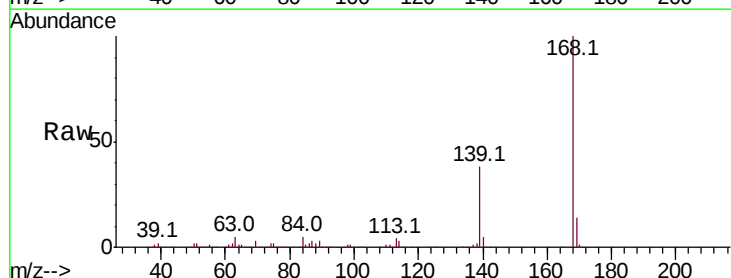
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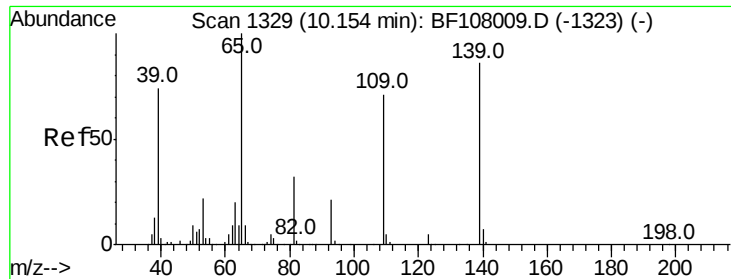
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#54
Dibenzofuran
Concen: 47.604 ng
RT: 10.26 min Scan# 1347
Delta R.T. -0.00 min
Lab File: BF108414.D
Acq: 23 Aug 2018 7:08

Tgt Ion	Ratio	Lower	Upper
168	100		
139	38.3	30.1	45.1
169	13.9	10.9	16.3





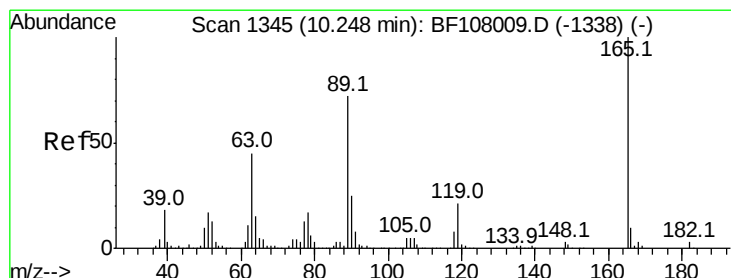
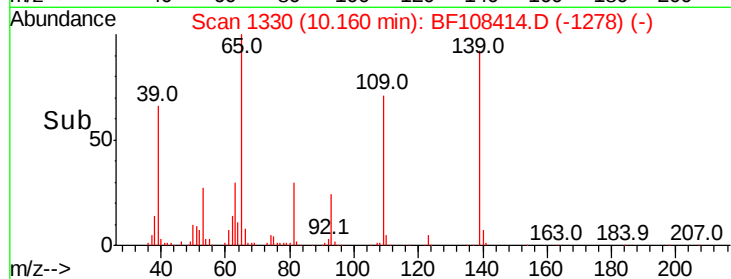
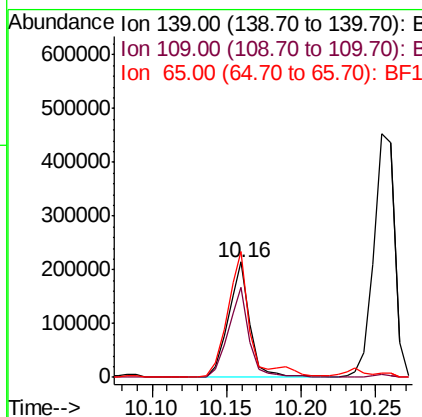
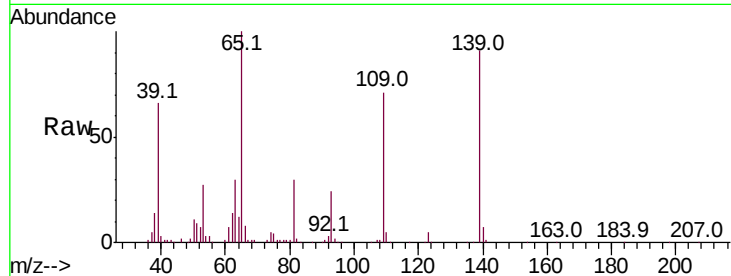
#55
4-Nitrophenol
Concen: 64.354 ng
RT: 10.16 min Scan# 1330
Delta R.T. 0.01 min
Lab File: BF108414.D
Acq: 23 Aug 2018 7:08

Instrument :
BNA_F
ClientSampled :
PB112196BS

Tot Ion	Ratio	Resp	Lower	Upper
139	100	218274		
109	77.6	48.4	88.4	
65	109.4	72.6	112.6	

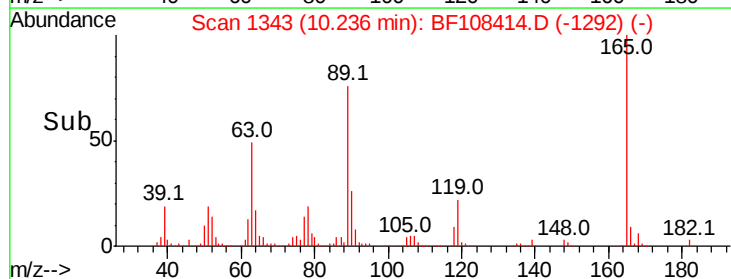
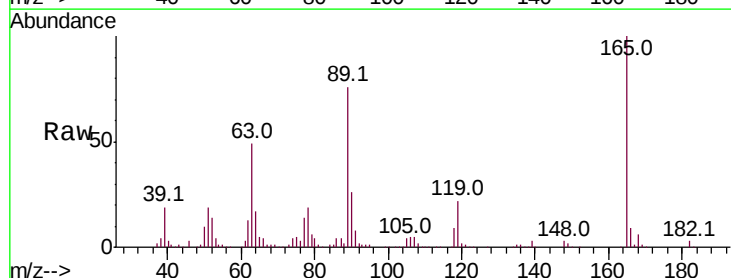
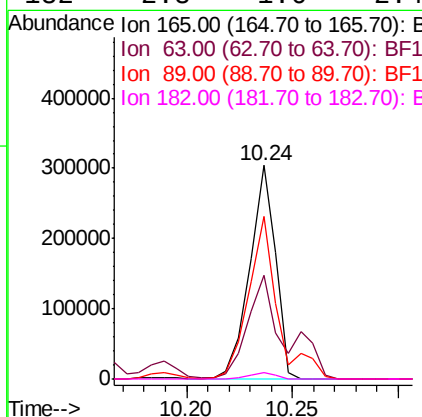
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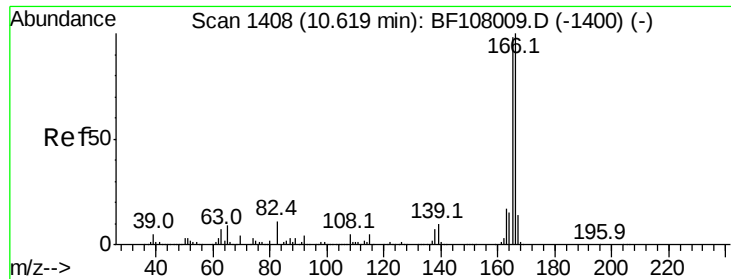
Sohil
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#56
2,4-Dinitrotoluene
Concen: 49.256 ng
RT: 10.24 min Scan# 1343
Delta R.T. -0.00 min
Lab File: BF108414.D
Acq: 23 Aug 2018 7:08

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	259549		
63	48.7	36.4	54.6	
89	76.3	57.8	86.6	
182	2.8	1.6	2.4	#





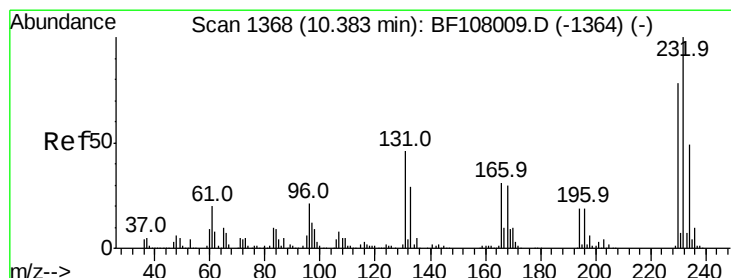
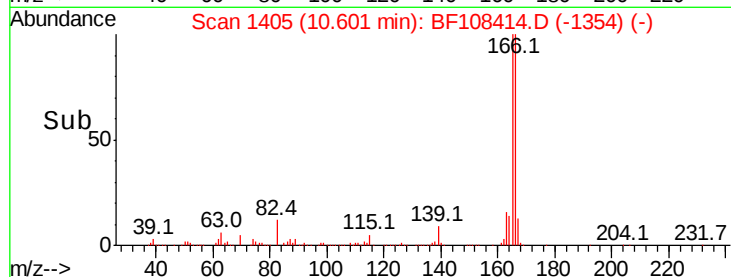
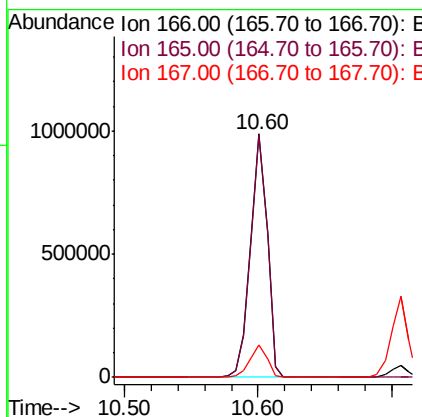
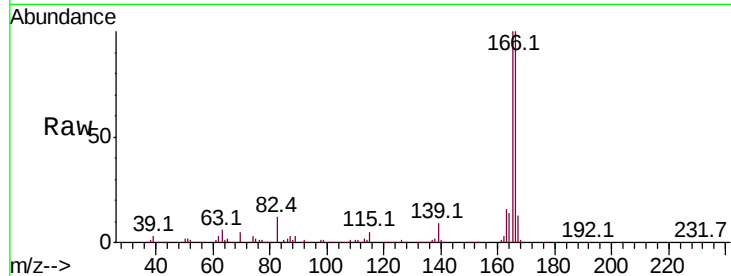
#57
 Fluorene
 Concen: 46.670 ng
 RT: 10.60 min Scan# 1405
 Delta R.T. -0.00 min
 Lab File: BF108414.D
 Acq: 23 Aug 2018 7:08

Instrument :
 BNA_F
 ClientSampled :
 PB112196BS

Tot Ion	Ratio	Lower	Upper
166	100		
165	99.6	79.8	119.8
167	13.5	10.6	16.0

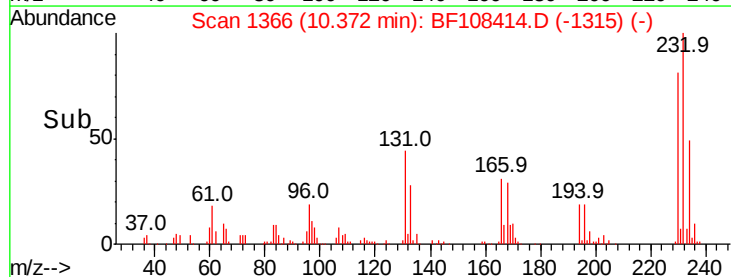
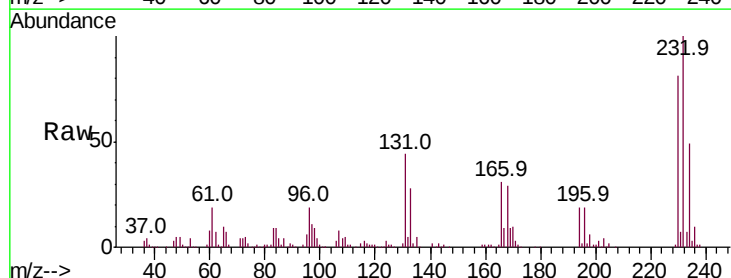
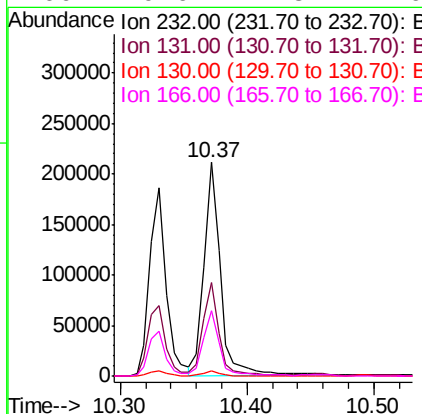
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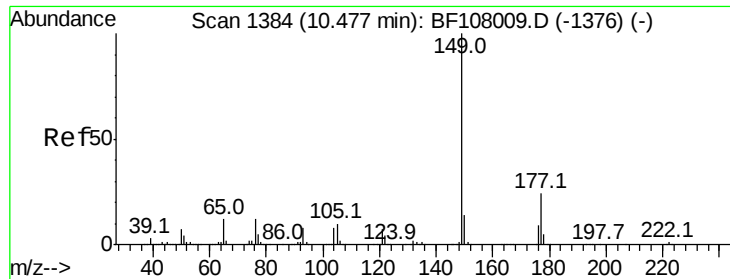
Sohil
 8/23/2018 3:43:44 PM



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 38.800 ng
 RT: 10.37 min Scan# 1366
 Delta R.T. -0.00 min
 Lab File: BF108414.D
 Acq: 23 Aug 2018 7:08

Tgt Ion	Ratio	Lower	Upper
232	100		
131	42.1	43.8	65.8#
130	2.1	2.1	3.1#
166	29.6	27.8	41.6





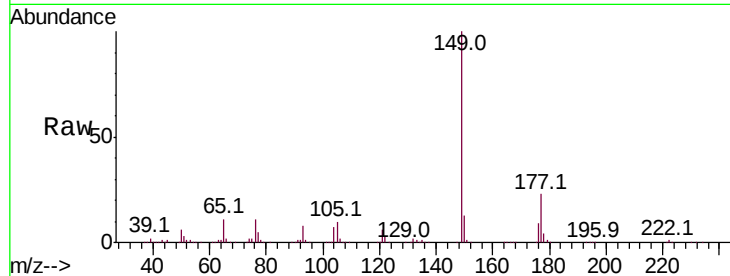
#59
Diethylphthalate
Concen: 49.639 ng
RT: 10.46 min Scan# 1381
Delta R.T. -0.00 min
Lab File: BF108414.D
Acq: 23 Aug 2018 7:08

Instrument :
BNA_F
ClientSampleId :
PB112196BS

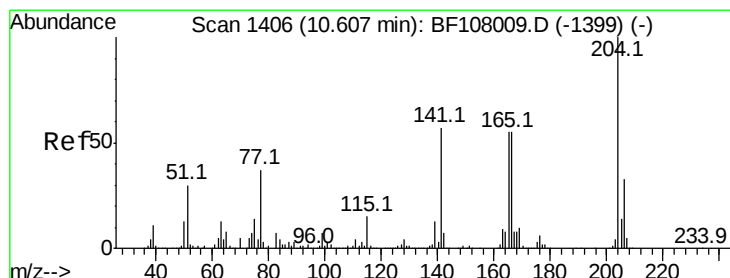
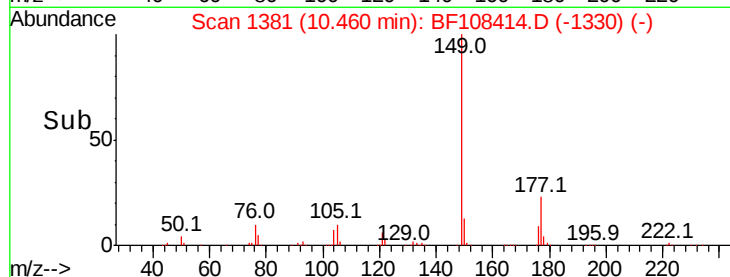
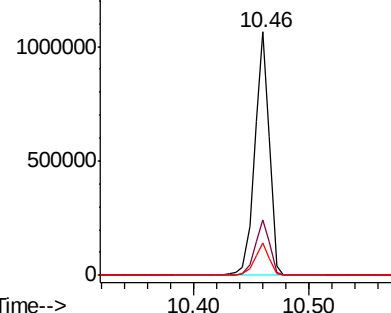
Tot Ion	Ratio	Lower	Upper
149	100		
177	23.0	16.1	24.1
150	13.2	10.1	15.1

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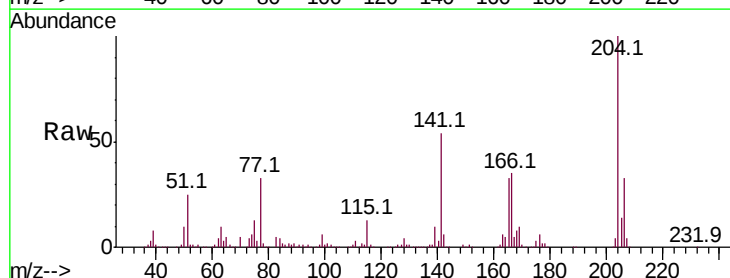


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

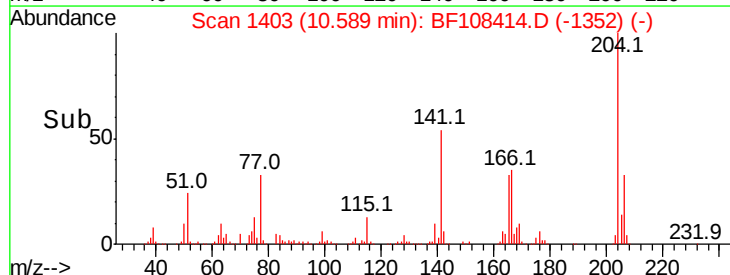
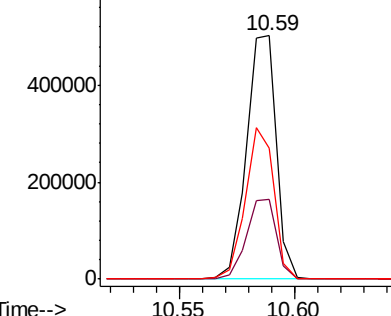


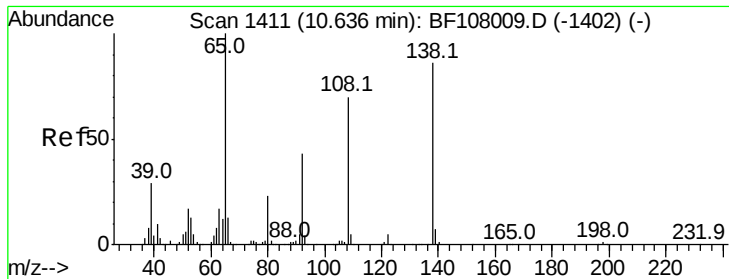
#60
4-Chlorophenyl-phenylether
Concen: 48.041 ng
RT: 10.59 min Scan# 1403
Delta R.T. -0.00 min
Lab File: BF108414.D
Acq: 23 Aug 2018 7:08

Tgt Ion	Ratio	Lower	Upper
204	100		
206	32.9	26.5	39.7
141	53.9	54.6	81.8#



Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E





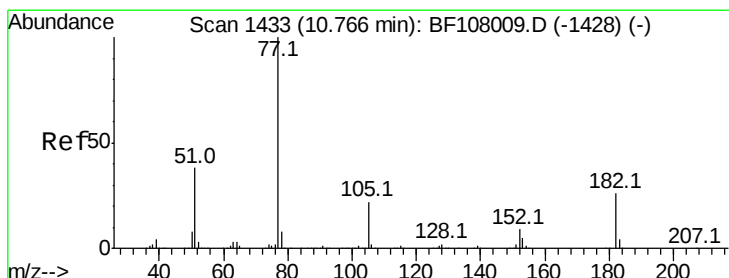
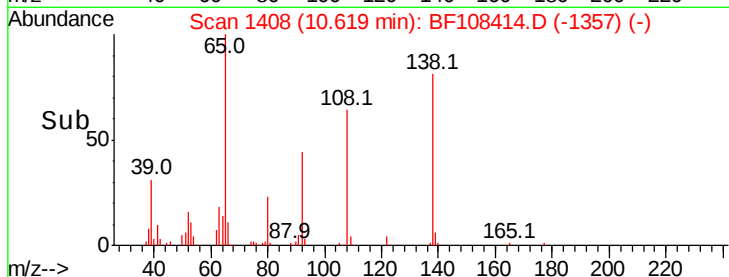
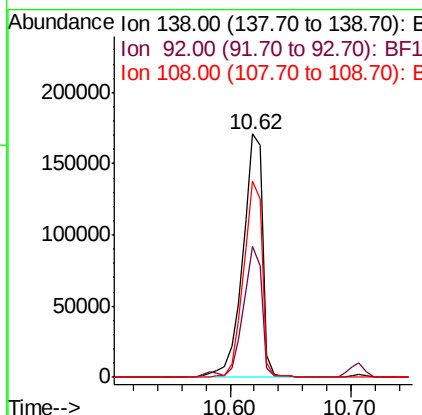
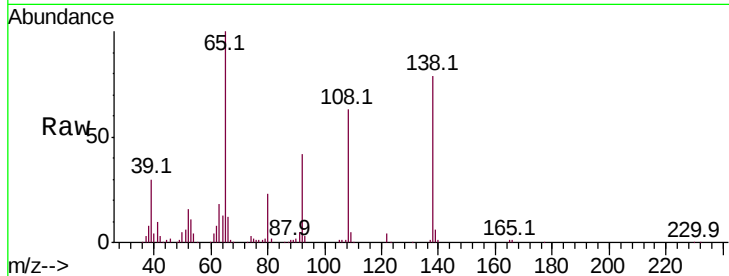
#61
4-Nitroaniline
Concen: 44.500 ng
RT: 10.62 min Scan# 1408
Delta R.T. -0.00 min
Lab File: BF108414.D
Acq: 23 Aug 2018 7:08

Instrument :
BNA_F
ClientSampleId :
PB112196BS

Tot Ion	Ratio	Resp	Lower	Upper
138	100	197060		
92	53.7	30.2	70.2	
108	80.5	52.5	92.5	

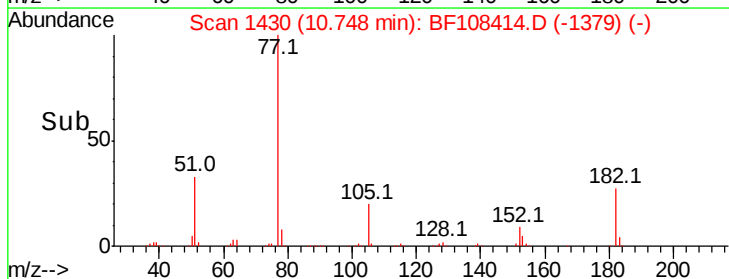
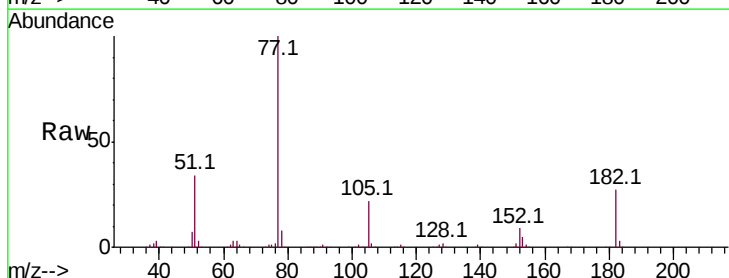
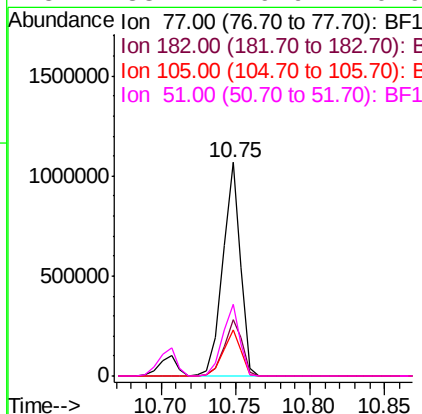
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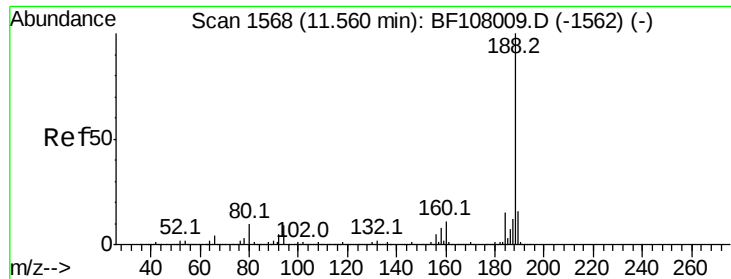
Sohil
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#62
Azobenzene
Concen: 45.570 ng
RT: 10.75 min Scan# 1430
Delta R.T. -0.00 min
Lab File: BF108414.D
Acq: 23 Aug 2018 7:08

Tgt Ion	Ratio	Resp	Lower	Upper
77	100	891680		
182	26.5	1.7	41.7	
105	21.5	3.0	43.0	
51	33.7	9.9	49.9	





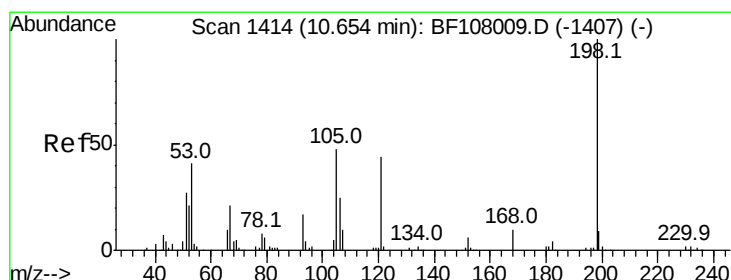
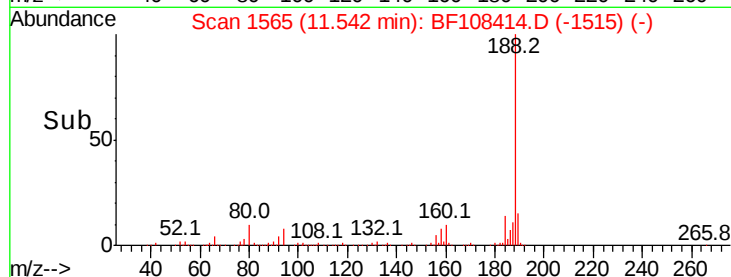
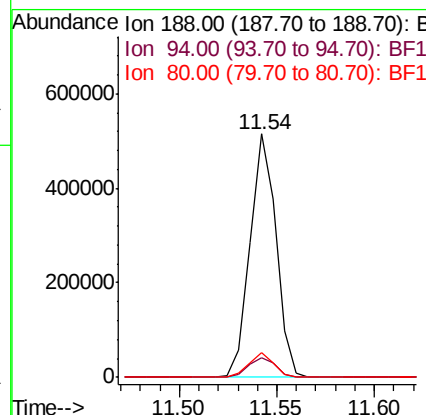
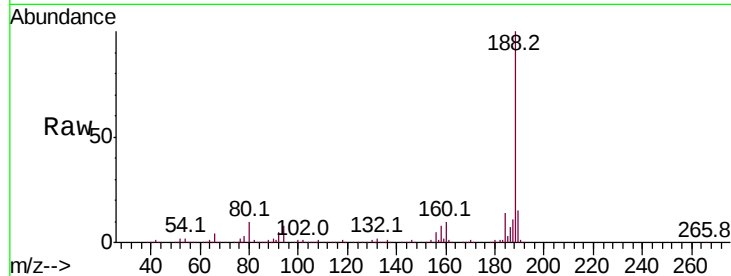
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.54 min Scan# 1565
Delta R.T. -0.01 min
Lab File: BF108414.D
Acq: 23 Aug 2018 7:08

Instrument :
BNA_F
ClientSampleId :
PB112196BS

Tot Ion	Ratio	Resp	Lower	Upper
188	100	477667		
94	8.2		8.5	12.7#
80	10.4		9.2	13.8

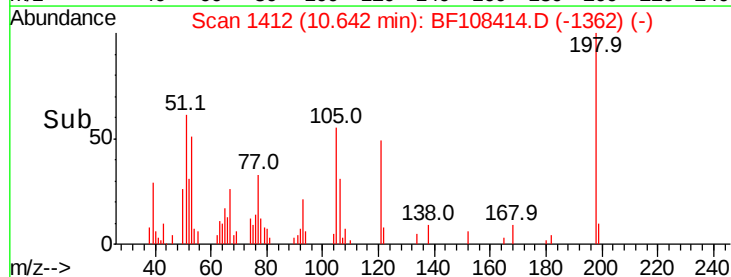
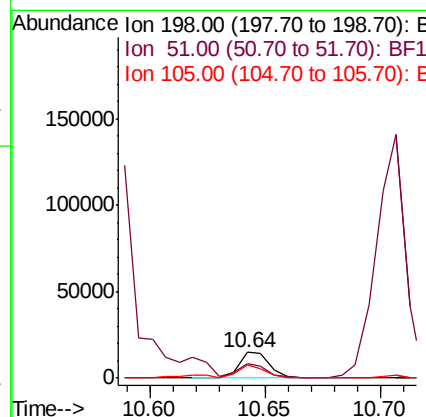
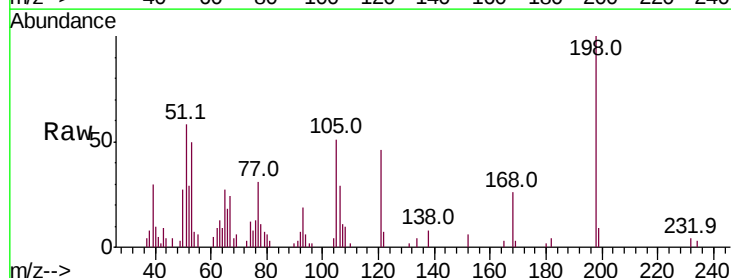
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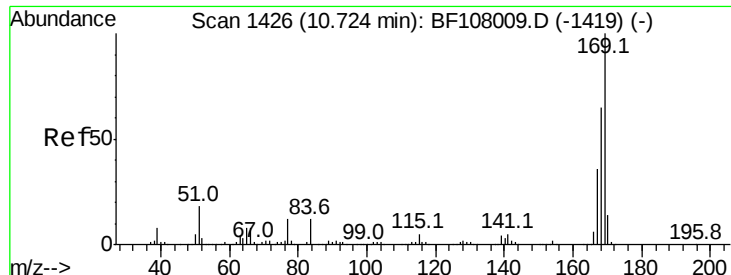
Sohil
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#64
4,6-Dinitro-2-methylphenol
Concen: 12.249 ng
RT: 10.64 min Scan# 1412
Delta R.T. -0.01 min
Lab File: BF108414.D
Acq: 23 Aug 2018 7:08

Tgt Ion	Ratio	Resp	Lower	Upper
198	100	13910		
51	57.6		37.7	77.7
105	51.3		36.3	76.3





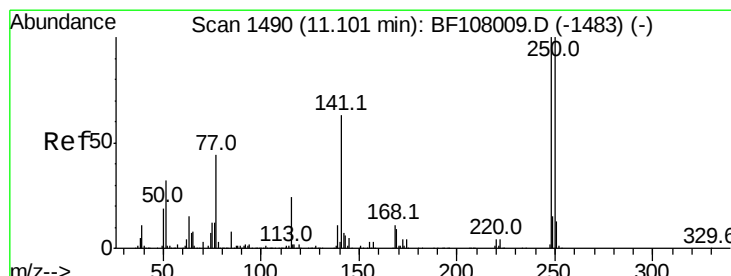
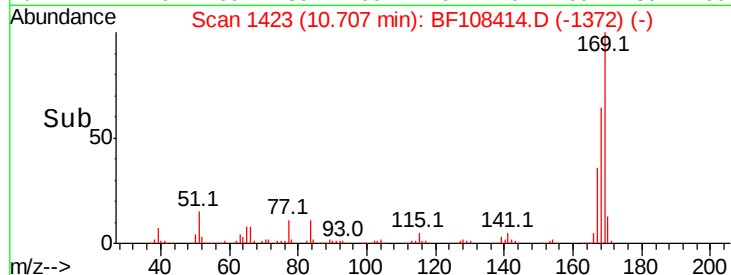
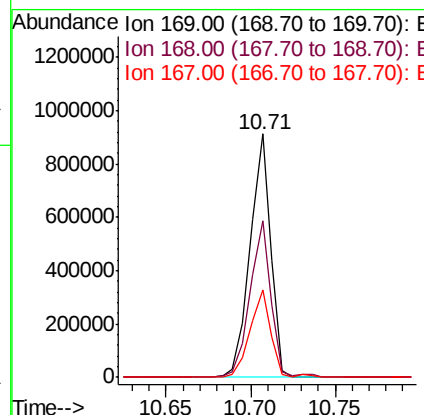
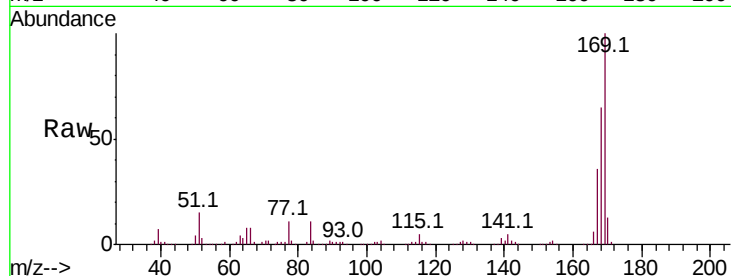
#65
 n-Nitrosodiphenylamine
 Concen: 55.438 ng
 RT: 10.71 min Scan# 1423
 Delta R.T. -0.00 min
 Lab File: BF108414.D
 Acq: 23 Aug 2018 7:08

Instrument :
 BNA_F
 ClientSampleId :
 PB112196BS

Tot Ion	Ratio	Resp Lower	Upper
169	100		
168	64.5	54.4	81.6
167	35.8	29.8	44.6

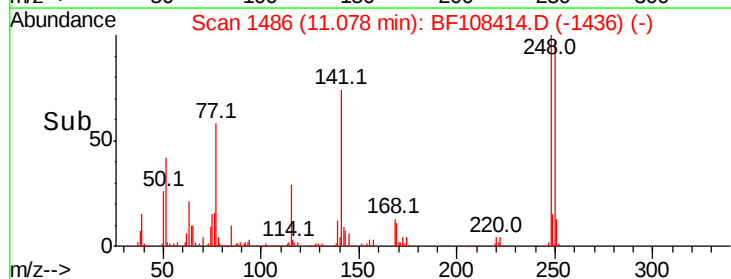
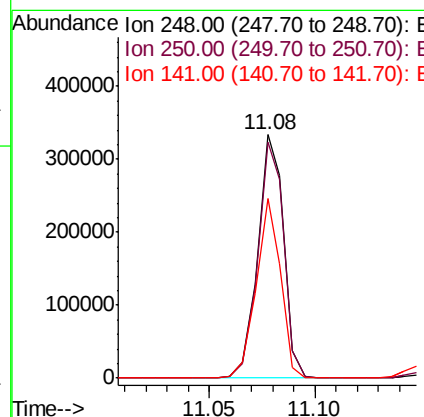
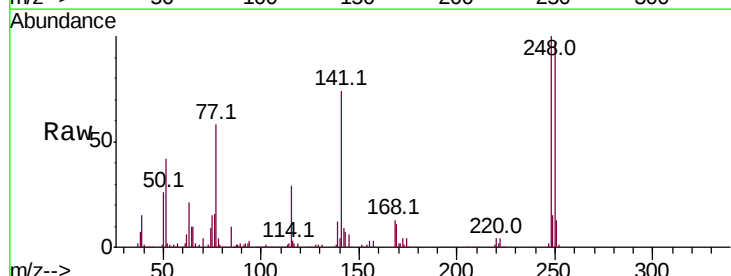
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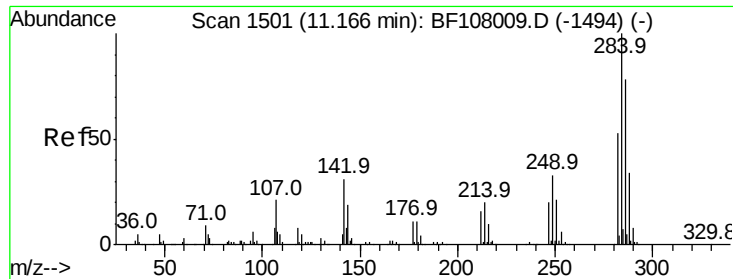
Sohil
 8/23/2018 3:43:44 PM



#66
 4-Bromophenyl-phenylether
 Concen: 54.556 ng
 RT: 11.08 min Scan# 1486
 Delta R.T. -0.01 min
 Lab File: BF108414.D
 Acq: 23 Aug 2018 7:08

Tgt Ion	Ratio	Resp Lower	Upper
248	100		
250	96.8	76.9	115.3
141	73.9	74.4	111.6#





#67

Hexachlorobenzene

Concen: 50.987 ng

RT: 11.15 min Scan# 1498

Delta R.T. -0.01 min

Lab File: BF108414.D

Acq: 23 Aug 2018 7:08

Instrument :

BNA_F

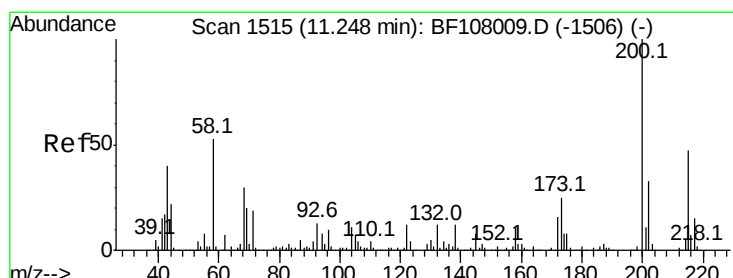
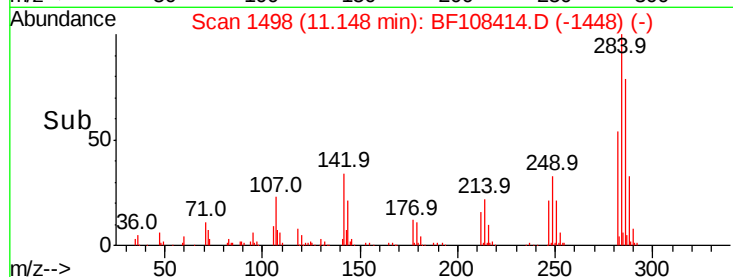
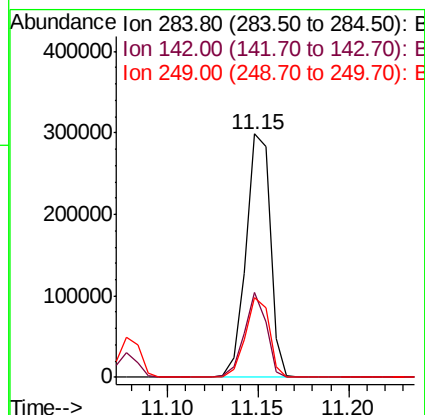
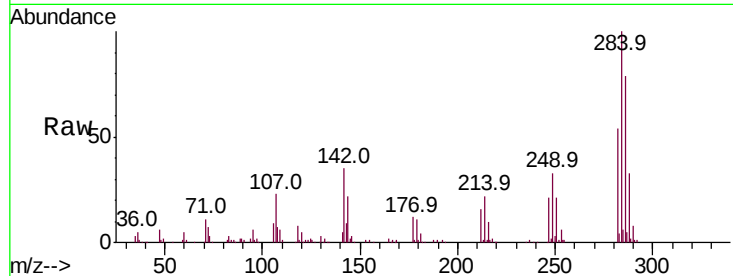
ClientSampleId :

PB112196BS

Tot Ion:	284	Resp:	278476
Ion Ratio		Lower	Upper
284	100		
142	34.9	34.6	52.0
249	33.0	24.8	37.2

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#68

Atrazine

Concen: 54.507 ng

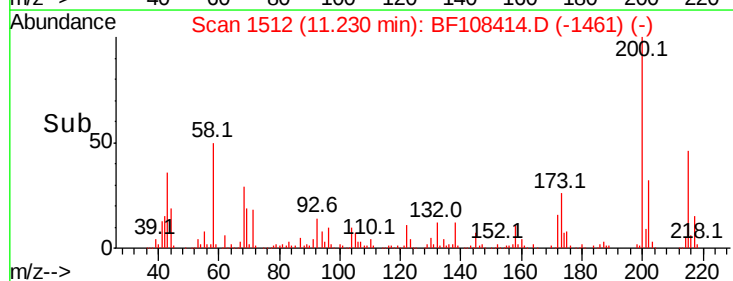
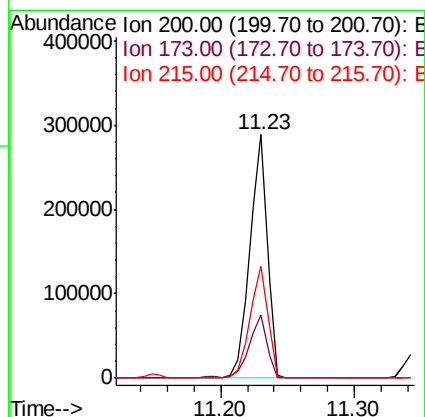
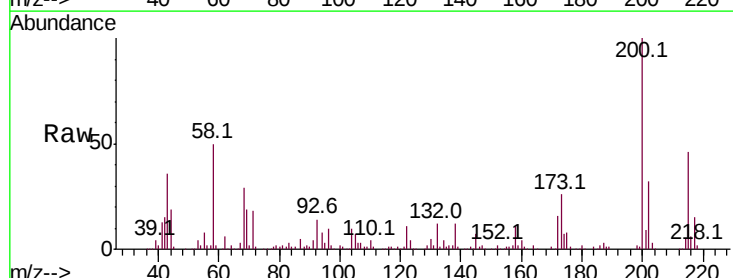
RT: 11.23 min Scan# 1512

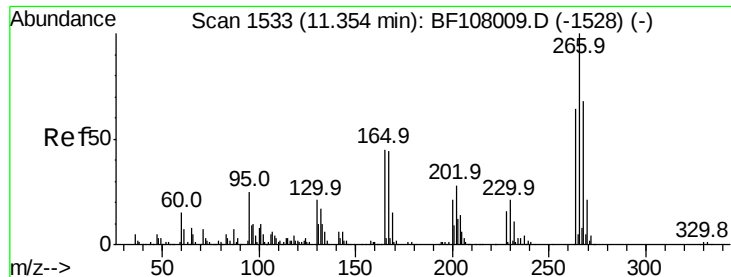
Delta R.T. -0.00 min

Lab File: BF108414.D

Acq: 23 Aug 2018 7:08

Tgt Ion:	200	Resp:	258060
Ion Ratio		Lower	Upper
200	100		
173	26.0	8.6	48.6
215	46.0	25.1	65.1





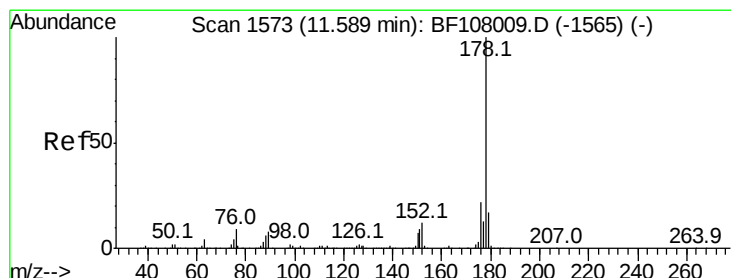
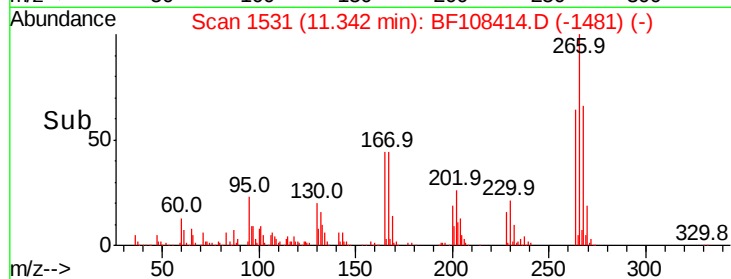
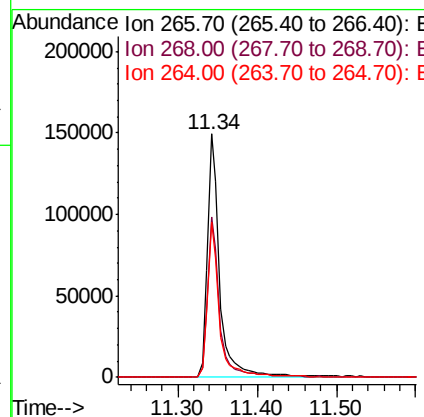
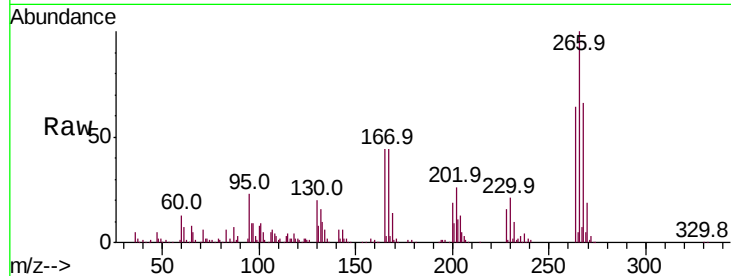
#69
 Pentachlorophenol
 Concen: 63.825 ng
 RT: 11.34 min Scan# 1531
 Delta R.T. -0.01 min
 Lab File: BF108414.D
 Acq: 23 Aug 2018 7:08

Instrument :
 BNA_F
 ClientSampleId :
 PB112196BS

Tot Ion	Ratio	Resp	Lower	Upper
266	100	166853		
268	65.8	51.1	76.7	
264	63.9	49.5	74.3	

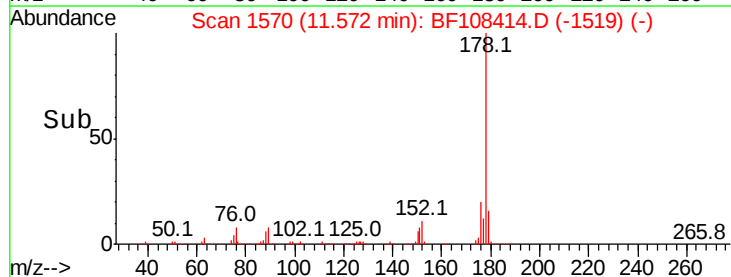
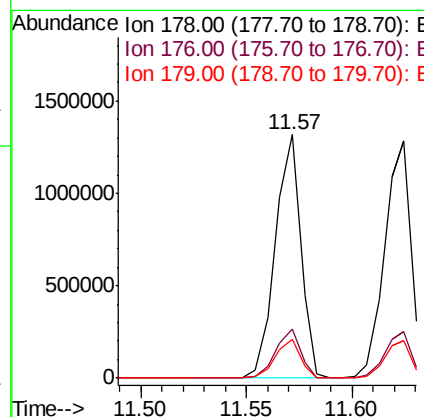
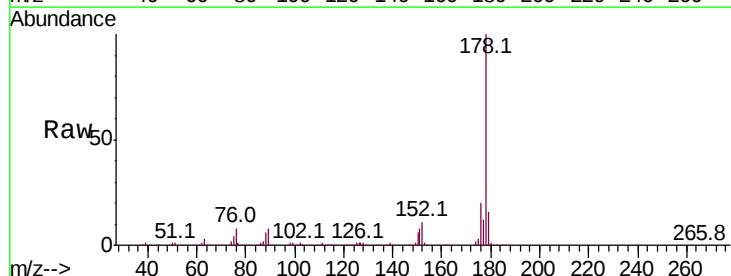
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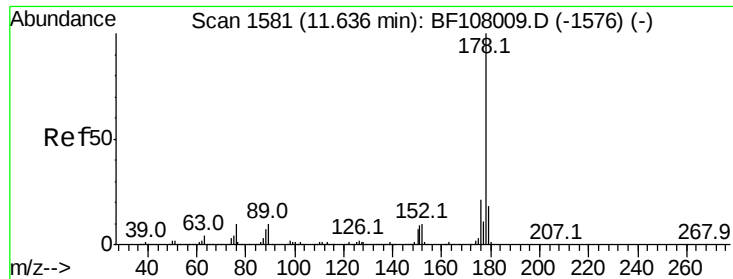
Sohil
 8/23/2018 3:43:44 PM



#70
 Phenanthrene
 Concen: 49.313 ng
 RT: 11.57 min Scan# 1570
 Delta R.T. -0.00 min
 Lab File: BF108414.D
 Acq: 23 Aug 2018 7:08

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	1111020		
176	20.2	15.8	23.8	
179	15.9	13.0	19.6	





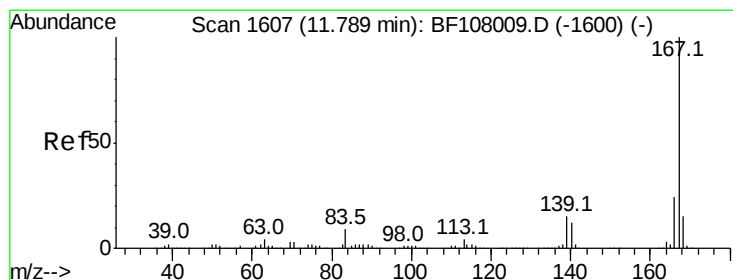
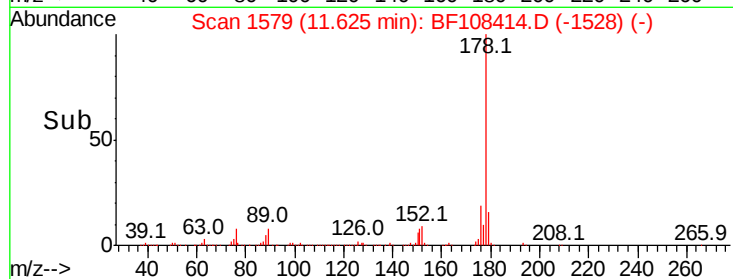
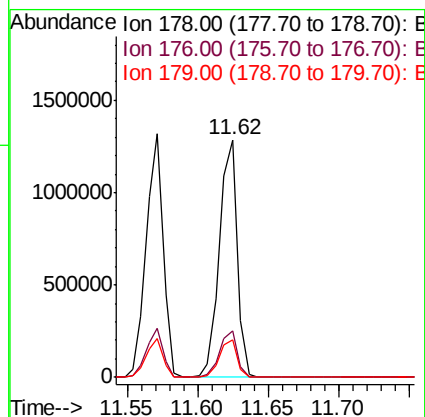
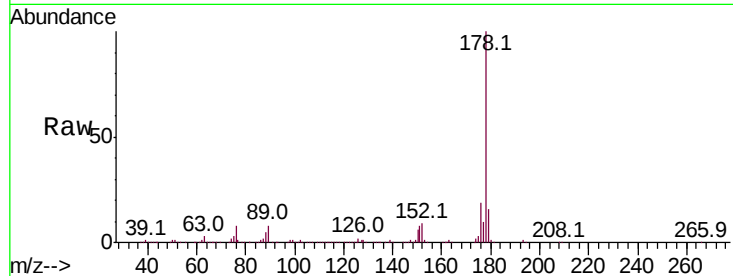
#71
 Anthracene
 Concen: 49.042 ng
 RT: 11.62 min Scan# 1579
 Delta R.T. -0.00 min
 Lab File: BF108414.D
 Acq: 23 Aug 2018 7:08

Instrument :
 BNA_F
 ClientSampleId :
 PB112196BS

Tot	Ion:178	Resp:	1132457
Ion	Ratio	Lower	Upper
178	100		
176	19.3	15.4	23.2
179	16.0	12.6	19.0

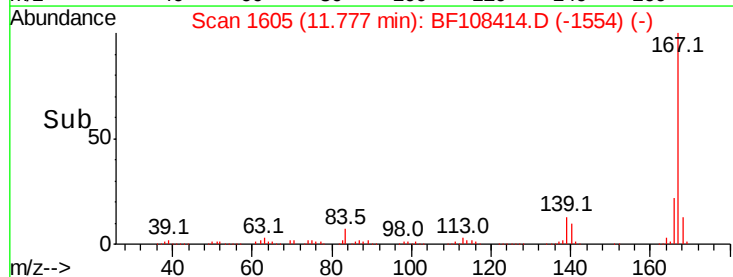
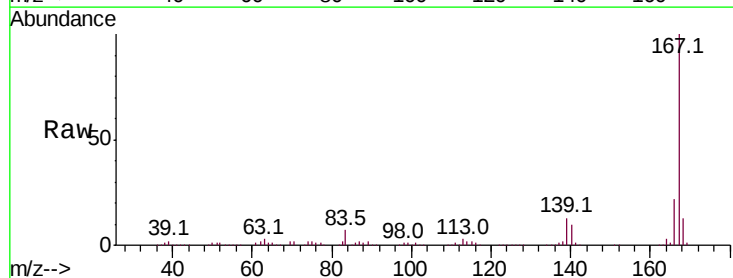
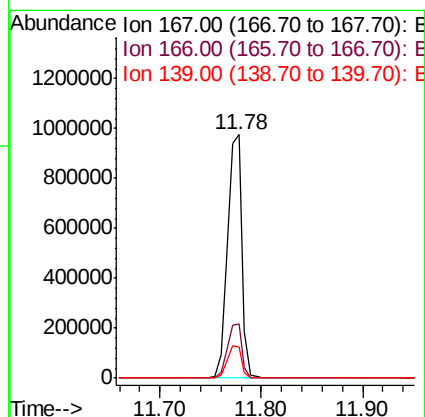
Manual Integrations
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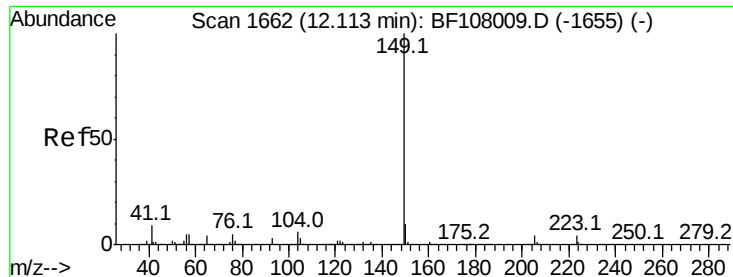
Sohil
 8/23/2018 3:43:44 PM



#72
 Carbazole
 Concen: 46.506 ng
 RT: 11.78 min Scan# 1605
 Delta R.T. -0.00 min
 Lab File: BF108414.D
 Acq: 23 Aug 2018 7:08

Tgt Ion	167	Resp: Lower	954126 Upper
	Ratio		
167	100		
166	22.4	17.6	26.4
139	12.9	10.9	16.3





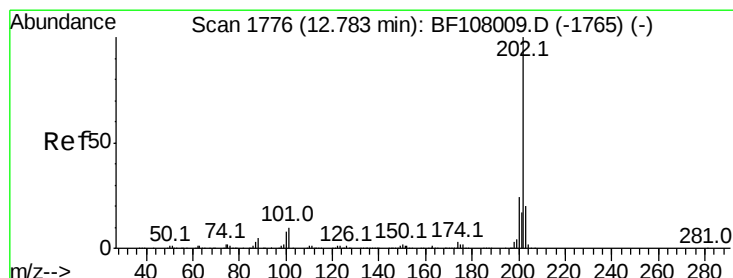
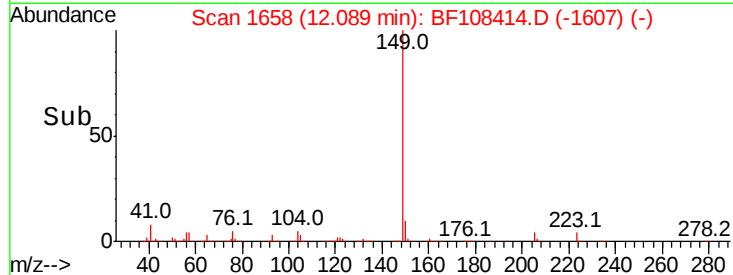
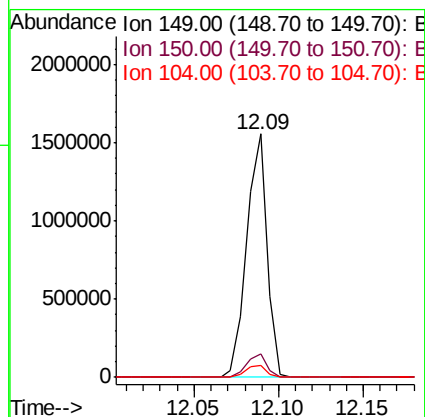
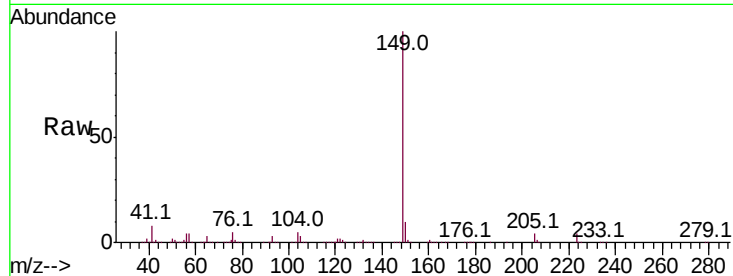
#73
Di-n-butylphthalate
Concen: 56.689 ng
RT: 12.09 min Scan# 1658
Delta R.T. -0.00 min
Lab File: BF108414.D
Acq: 23 Aug 2018 7:08

Instrument :
BNA_F
ClientSampleId :
PB112196BS

Tot Ion	Ratio	Lower	Upper
149	100		
150	9.8	7.8	11.6
104	5.1	3.8	5.8

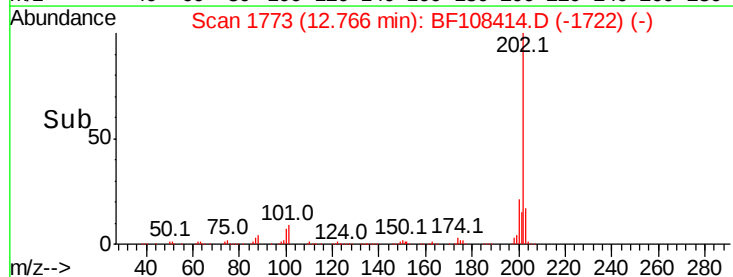
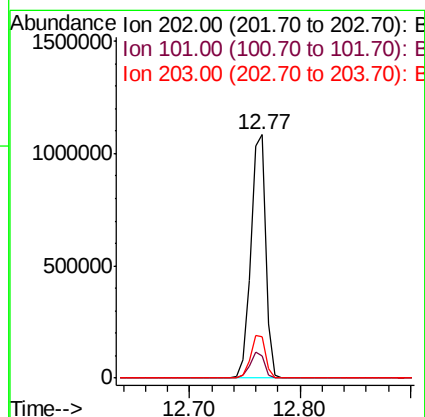
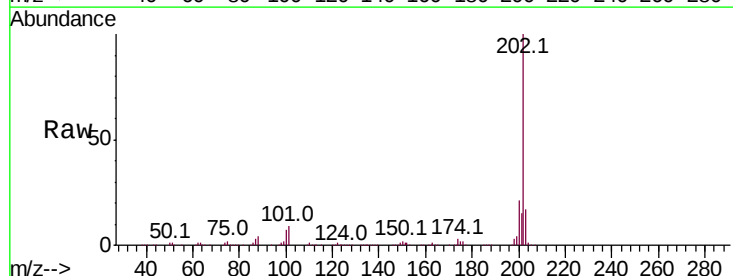
Manual Integrations
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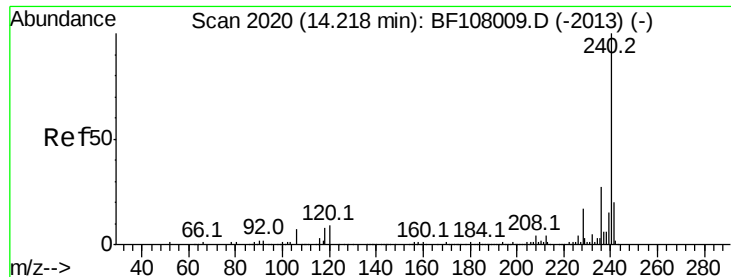
Sohil
8/23/2018 3:43:44 PM



#74
Fluoranthene
Concen: 41.837 ng
RT: 12.77 min Scan# 1773
Delta R.T. -0.00 min
Lab File: BF108414.D
Acq: 23 Aug 2018 7:08

Tgt Ion	Ratio	Lower	Upper
202	100		
101	9.0	0.0	34.1
203	17.2	0.0	38.1





#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.19 min Scan# 2016

Delta R.T. -0.01 min

Lab File: BF108414.D

Acq: 23 Aug 2018 7:08

Instrument :

BNA_F

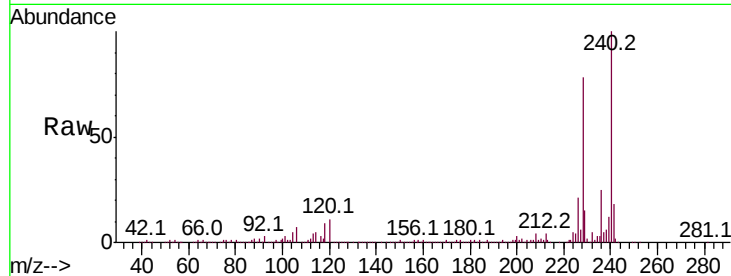
ClientSampleId :

PB112196BS

Tot Ion	Ratio	Lower	Upper
240	100		
120	10.7	9.5	14.3
236	25.3	20.7	31.1

Manual Integrations
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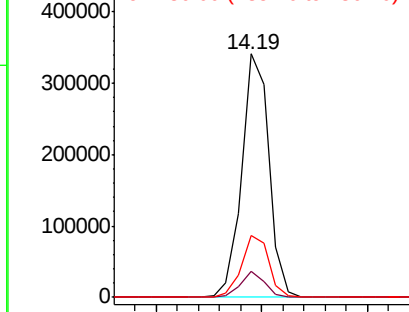
Sohil
8/23/2018 3:43:44 PM



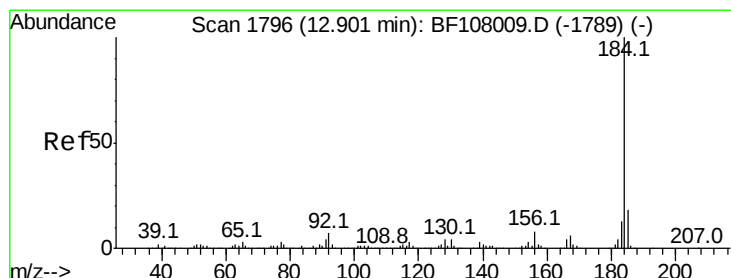
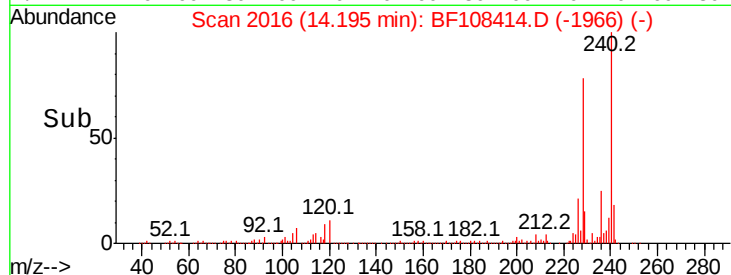
Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



Time-->



#76

Benzidine

Concen: 27.235 ng

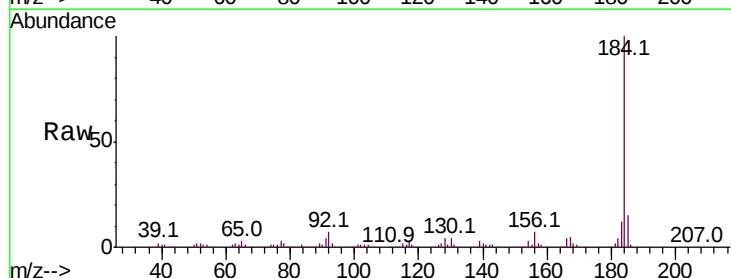
RT: 12.88 min Scan# 1792

Delta R.T. -0.01 min

Lab File: BF108414.D

Acq: 23 Aug 2018 7:08

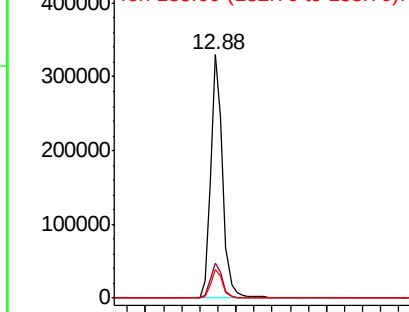
Tgt Ion	Ratio	Lower	Upper
184	100		
185	14.6	12.6	18.8
183	11.8	9.3	13.9



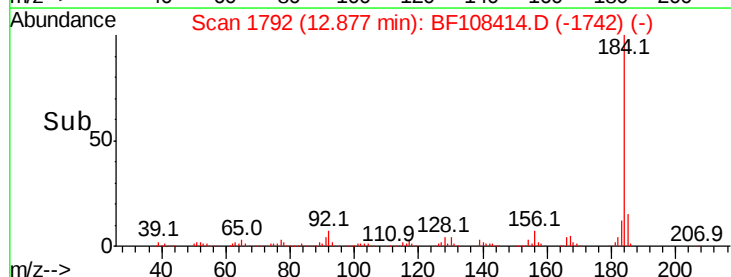
Abundance Ion 184.00 (183.70 to 184.70): E

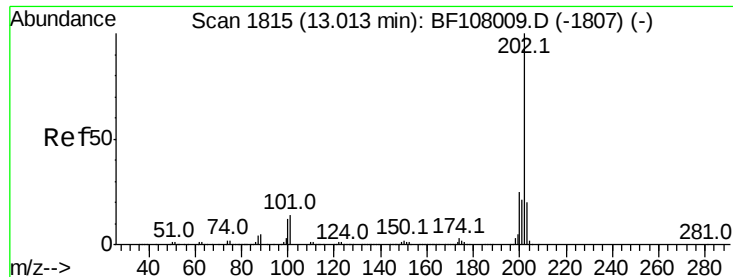
Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



Time-->





#77

Pvrene

Concen: 51.189 ng

RT: 13.00 min Scan# 1812

Delta R.T. -0.01 min

Lab File: BF108414.D

Acq: 23 Aug 2018 7:08

Instrument :

BNA_F

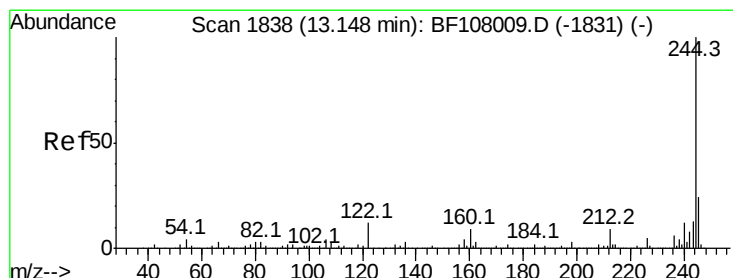
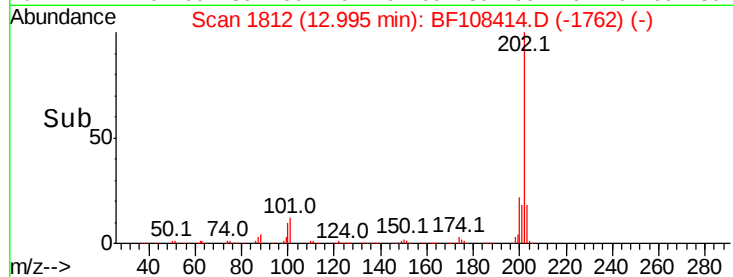
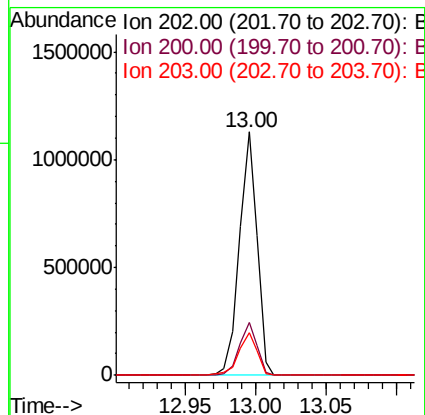
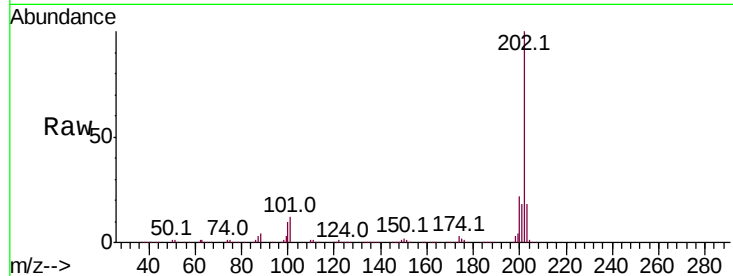
ClientSampleId :

PB112196BS

Tot Ion:	202	Resp:	982191
Ion Ratio		Lower	Upper
202	100		
200	21.9	17.4	26.2
203	17.8	14.3	21.5

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#78

Terphenyl-d14

Concen: 116.670 ng

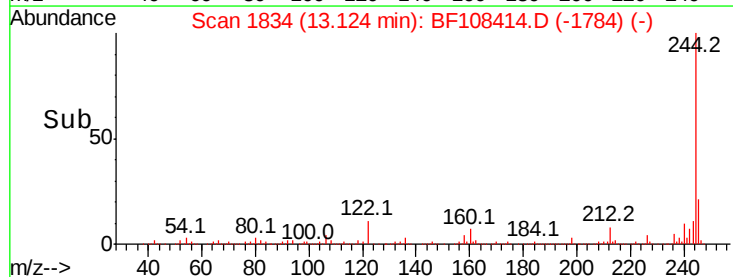
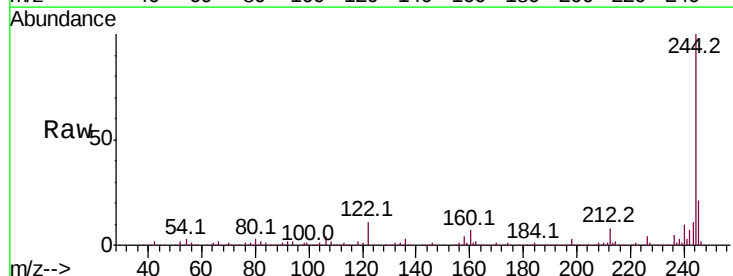
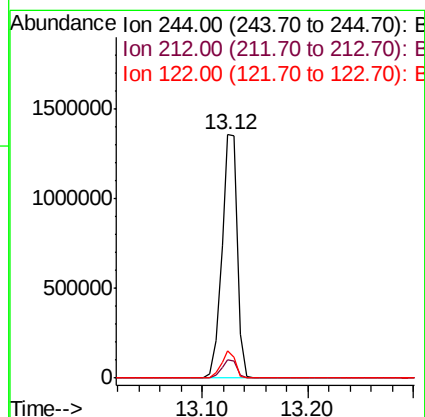
RT: 13.12 min Scan# 1834

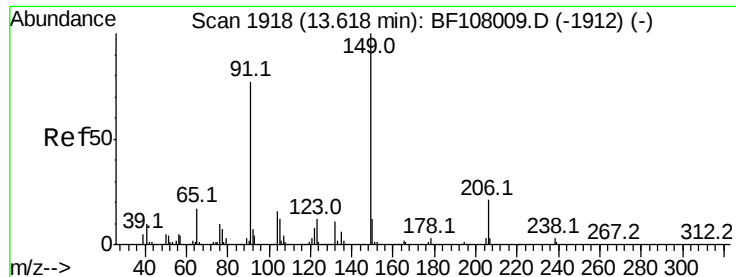
Delta R.T. -0.01 min

Lab File: BF108414.D

Acq: 23 Aug 2018 7:08

Tgt Ion:	244	Resp:	1390677
Ion Ratio		Lower	Upper
244	100		
212	7.5	5.4	8.0
122	11.2	11.0	16.4





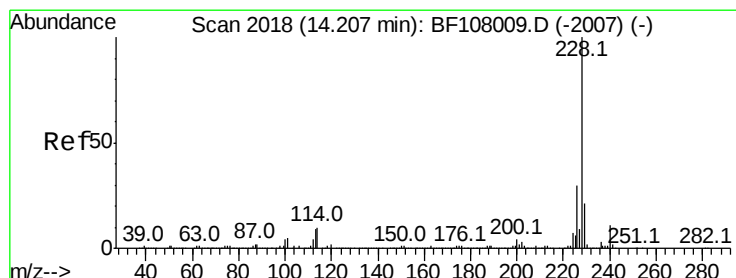
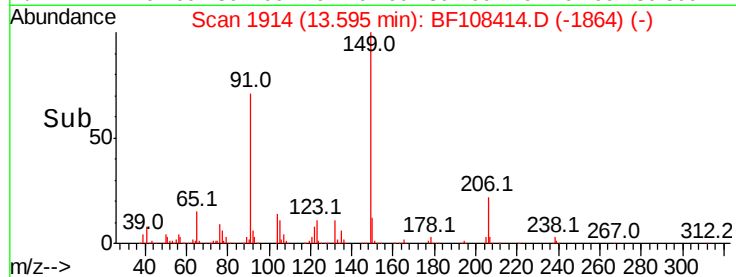
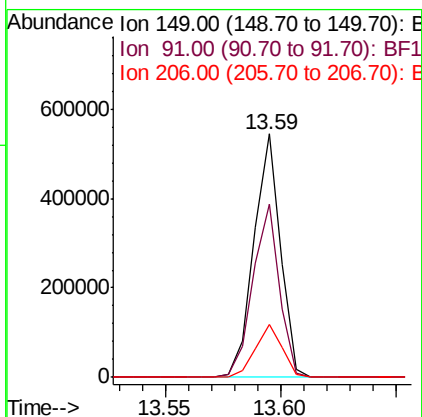
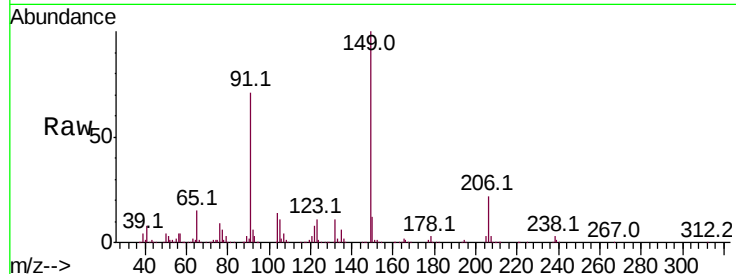
#79
Butylbenzylphthalate
Concen: 57.610 ng
RT: 13.59 min Scan# 1914
Delta R.T. -0.01 min
Lab File: BF108414.D
Acq: 23 Aug 2018 7:08

Instrument :
BNA_F
ClientSampleId :
PB112196BS

Tot Ion	Ratio	Resp Lower	Upper
149	100		
91	71.3	56.8	85.2
206	21.6	14.1	21.1

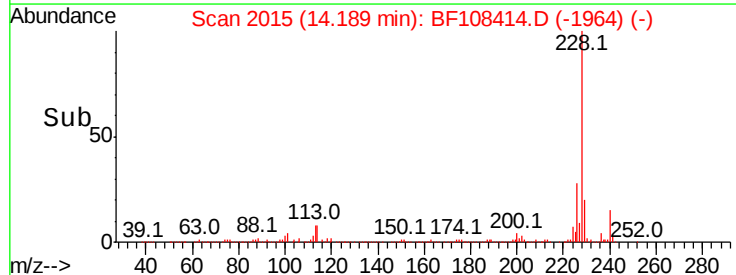
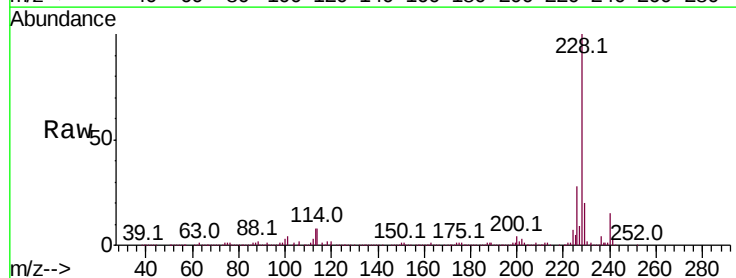
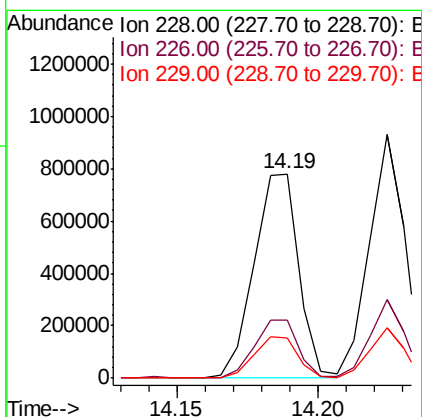
Manual Integrations
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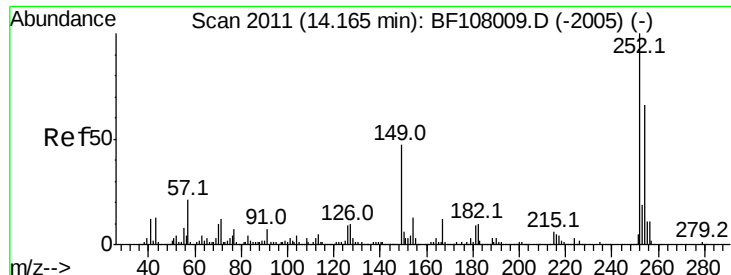
Sohil
8/23/2018 3:43:44 PM



#80
Benzo(a)anthracene
Concen: 49.416 ng
RT: 14.19 min Scan# 2015
Delta R.T. -0.00 min
Lab File: BF108414.D
Acq: 23 Aug 2018 7:08

Tgt Ion	Ratio	Resp Lower	Upper
228	100		
226	28.2	22.6	33.8
229	19.6	15.8	23.6





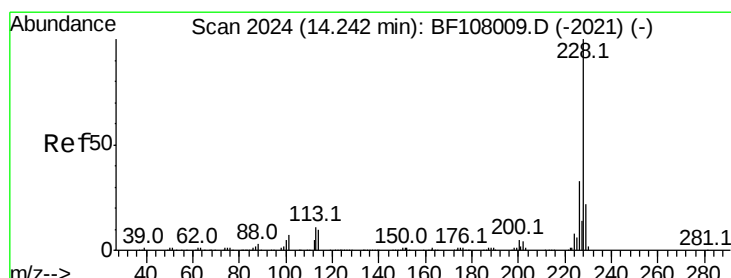
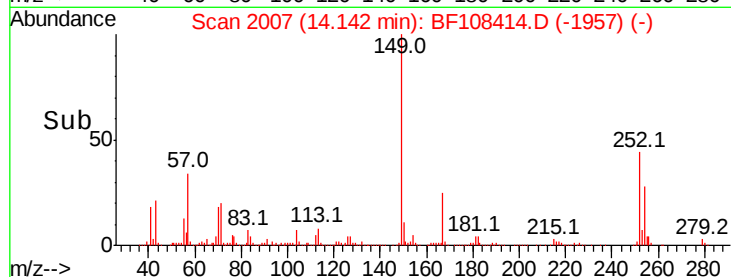
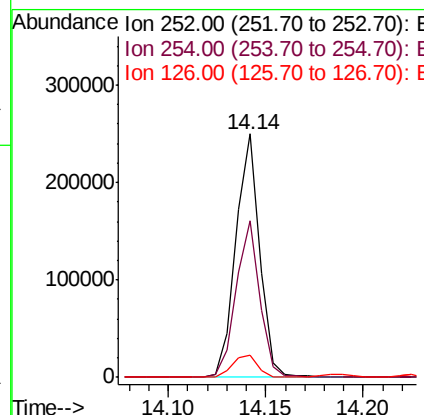
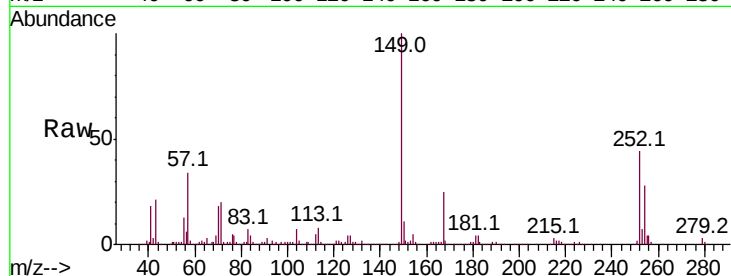
#81
3,3'-Dichlorobenzidine
Concen: 34.074 ng
RT: 14.14 min Scan# 2007
Delta R.T. -0.01 min
Lab File: BF108414.D
Acq: 23 Aug 2018 7:08

Instrument :
BNA_F
ClientSampleId :
PB112196BS

Tot Ion	Ratio	Resp Lower	Upper
252	100		
254	64.1	50.4	75.6
126	9.0	11.3	16.9

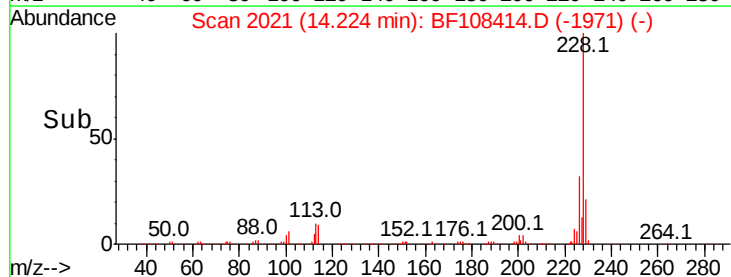
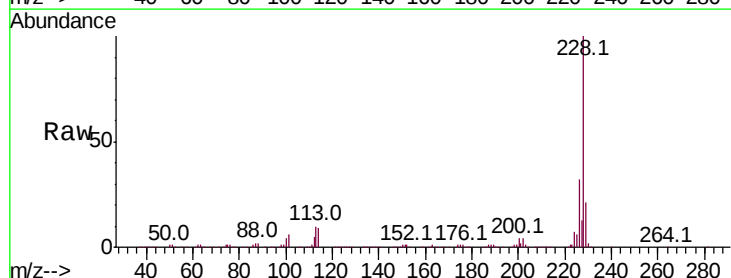
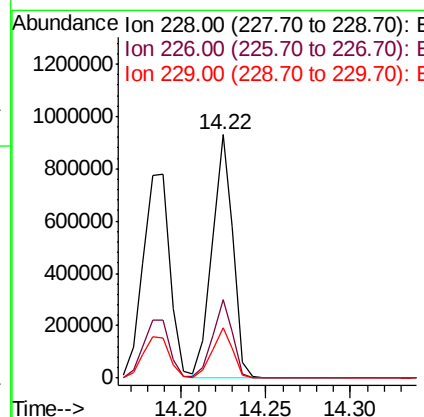
Manual Integrations
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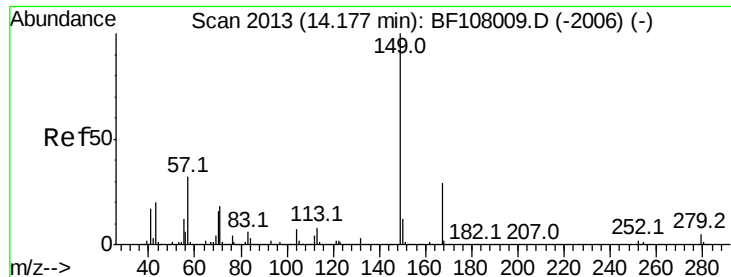
Sohil
8/23/2018 3:43:44 PM



#82
Chrysene
Concen: 50.100 ng
RT: 14.22 min Scan# 2021
Delta R.T. -0.01 min
Lab File: BF108414.D
Acq: 23 Aug 2018 7:08

Tgt Ion	Ratio	Resp Lower	Upper
228	100		
226	32.1	25.0	37.6
229	20.8	16.2	24.4





#83

Bis(2-ethylhexyl)phthalate

Concen: 57.358 ng

RT: 14.15 min Scan# 2008

Delta R.T. -0.00 min

Lab File: BF108414.D

Acq: 23 Aug 2018 7:08

Instrument :

BNA_F

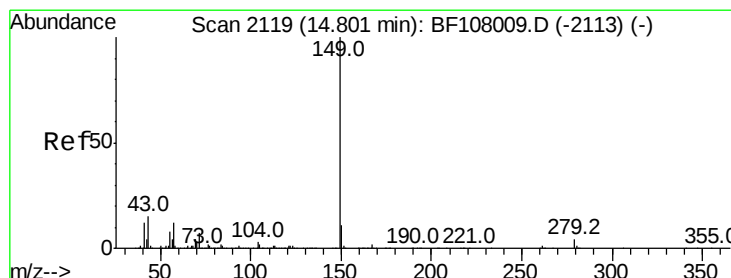
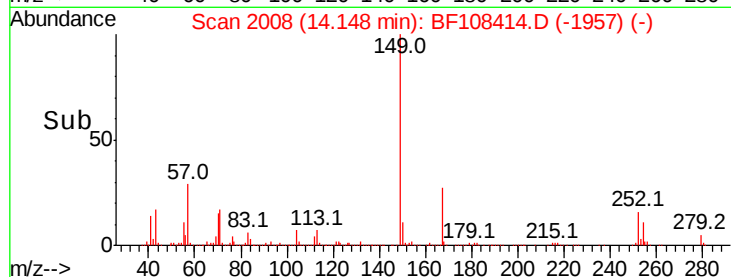
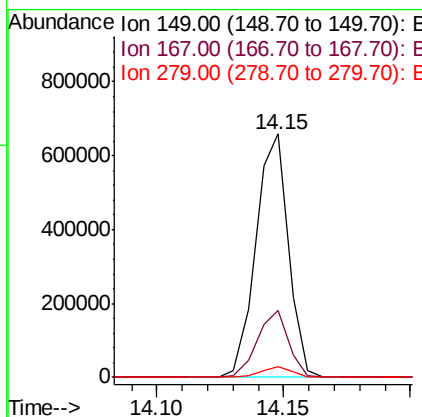
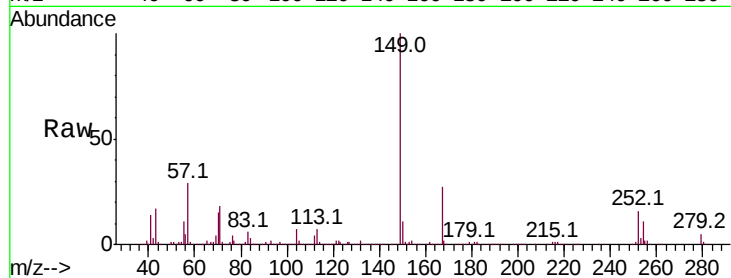
ClientSampleId :

PB112196BS

Tot Ion:	149	Resp:	591795
Ion Ratio	Lower	Upper	
149	100		
167	27.3	21.3	31.9
279	4.6	3.0	4.4#

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8/23/2018 3:43:44 PM



#84

Di-n-octyl phthalate

Concen: 60.259 ng

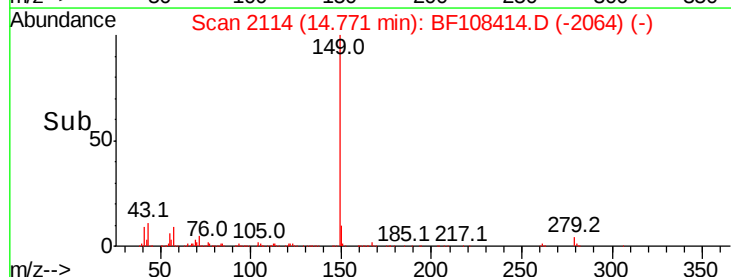
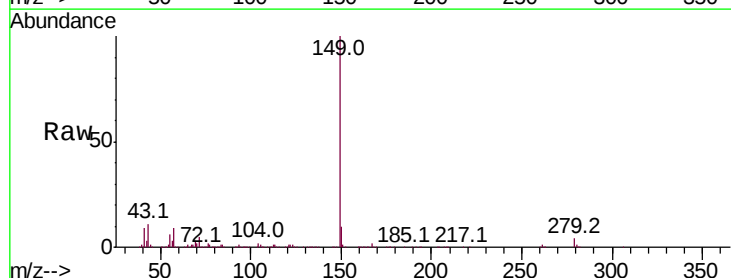
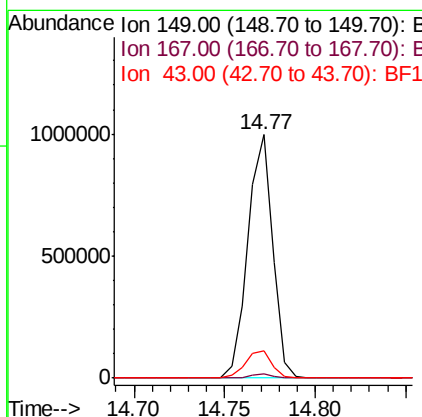
RT: 14.77 min Scan# 2114

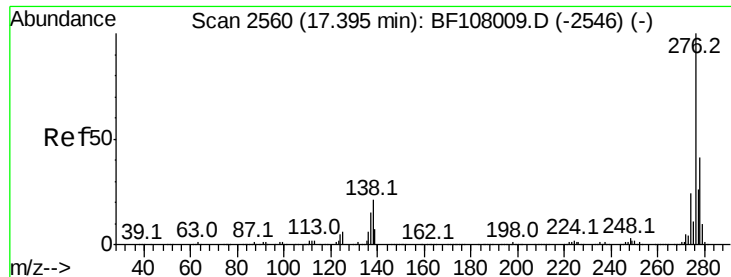
Delta R.T. -0.01 min

Lab File: BF108414.D

Acq: 23 Aug 2018 7:08

Tgt Ion:	149	Resp:	948187
Ion Ratio	Lower	Upper	
149	100		
167	1.6	1.2	1.8
43	11.7	8.4	12.6





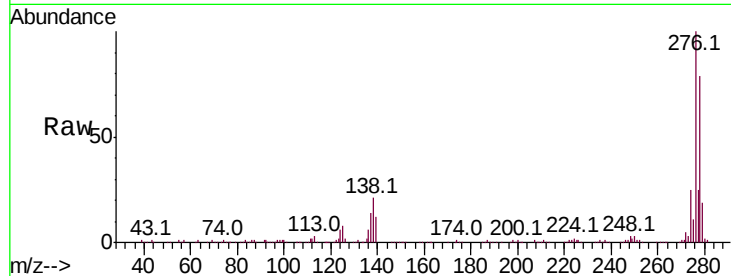
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 42.690 ng
 RT: 17.37 min Scan# 2555
 Delta R.T. -0.01 min
 Lab File: BF108414.D
 Acq: 23 Aug 2018 7:08

Instrument :
 BNA_F
 ClientSampleId :
 PB112196BS

Tot Ion	Ratio	Resp	Lower	Upper
276	100			
138	21.7	25.0	37.6	
277	25.3	20.1	30.1	

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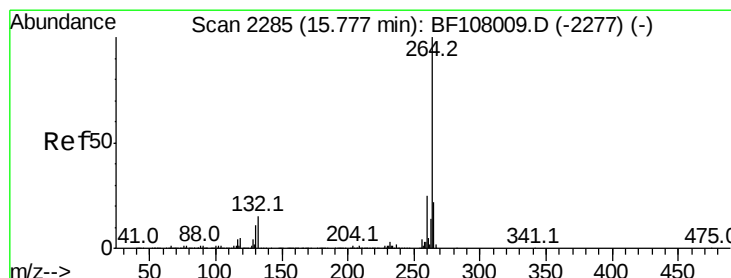
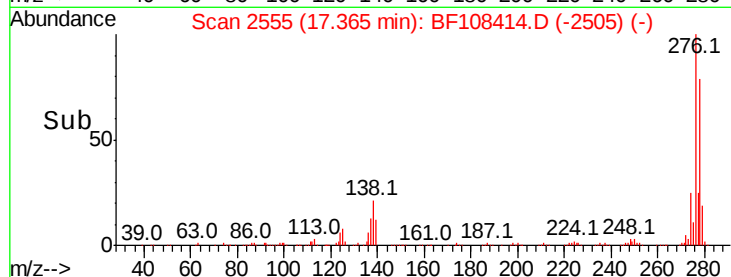
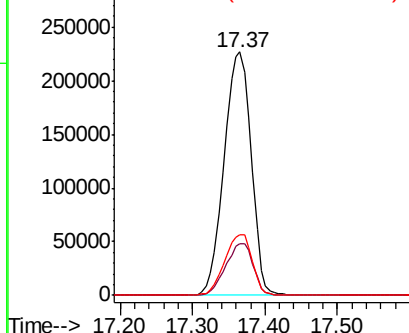


Abundance

Ion 276.00 (275.70 to 276.70): E

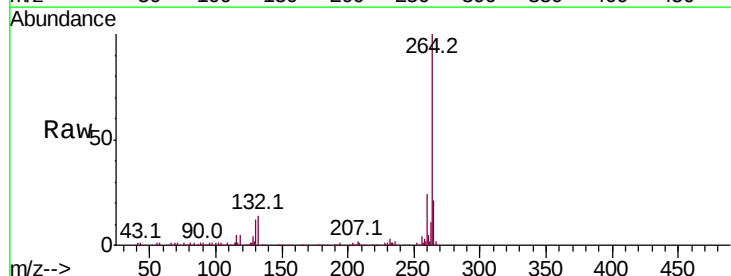
Ion 138.00 (137.70 to 138.70): E

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: BF108414.D
 Acq: 23 Aug 2018 7:08

Tgt Ion	Ratio	Resp	Lower	Upper
264	100			
260	23.7	19.2	28.8	
265	21.3	17.5	26.3	

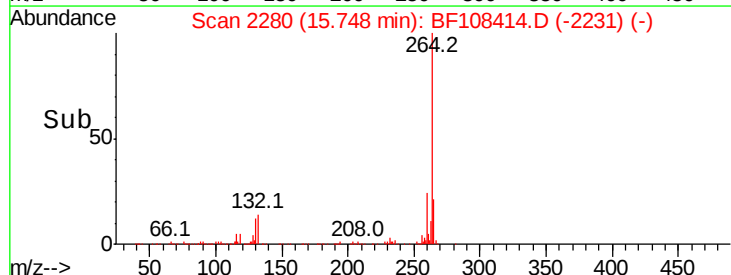
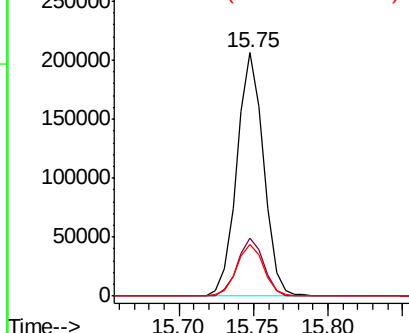


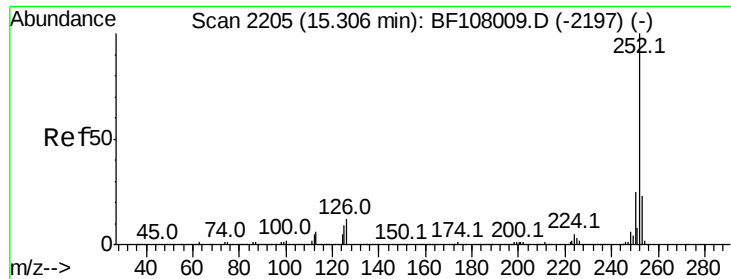
Abundance

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





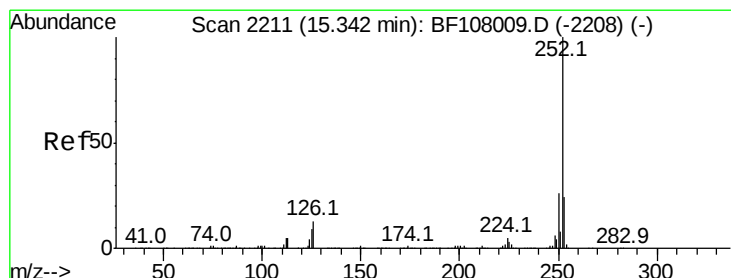
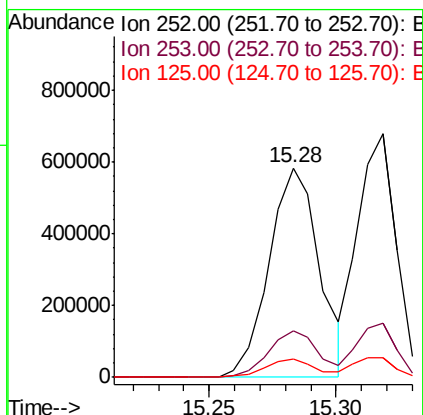
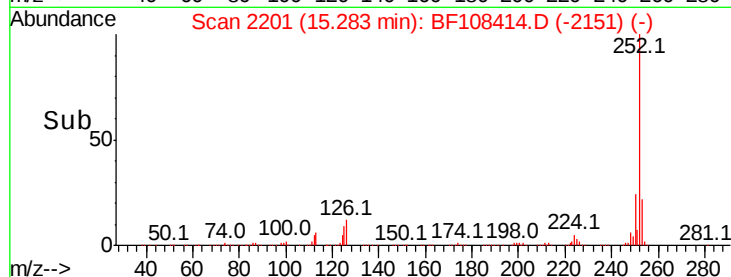
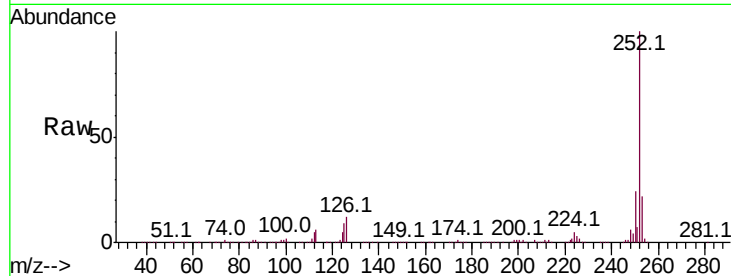
#87
Benzo(b)fluoranthene
Concen: 52.790 ng
RT: 15.28 min Scan# 2201
Delta R.T. -0.01 min
Lab File: BF108414.D
Acq: 23 Aug 2018 7:08

Instrument :
BNA_F
ClientSampleId :
PB112196BS

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

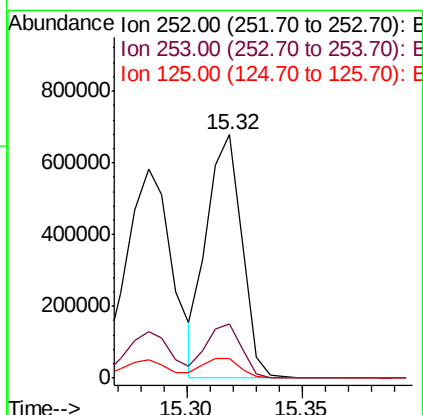
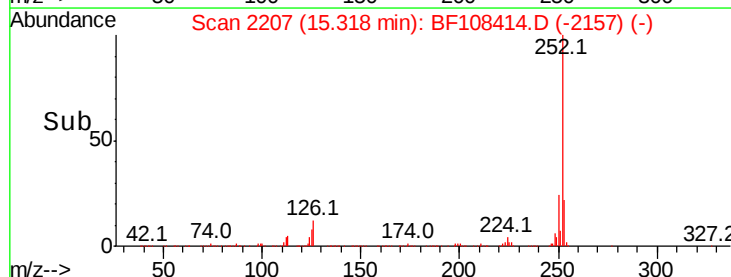
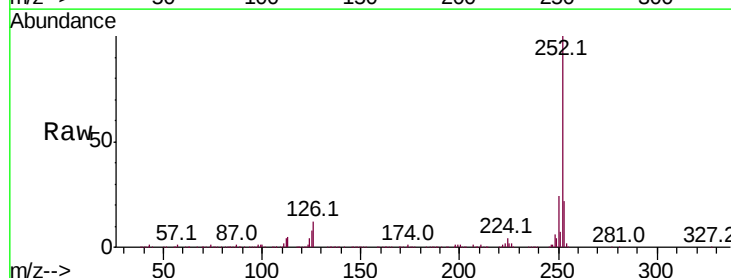
Manual Integrations
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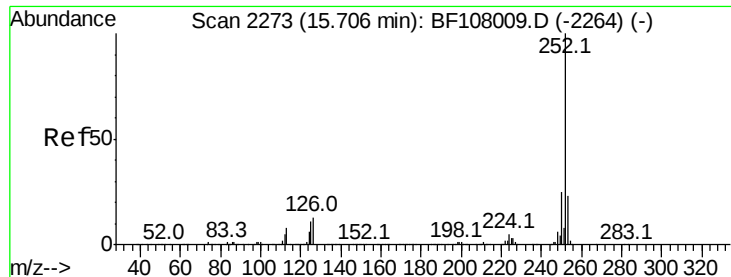
Sohil
8/23/2018 3:43:44 PM



#88
Benzo(k)fluoranthene
Concen: 50.584 ng
RT: 15.32 min Scan# 2207
Delta R.T. -0.01 min
Lab File: BF108414.D
Acq: 23 Aug 2018 7:08

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.2	17.9	26.9
125	8.0	10.2	15.2#





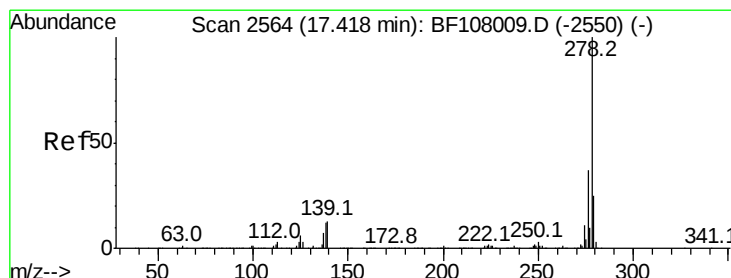
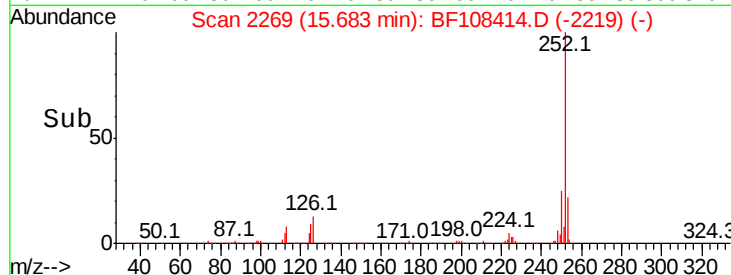
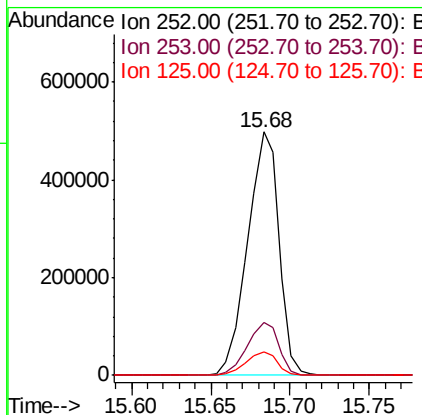
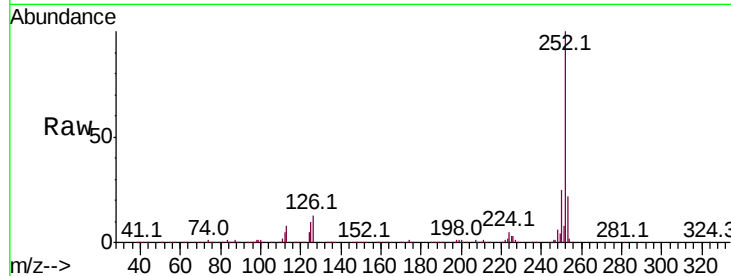
#89
Benzo(a)pyrene
Concen: 49.772 ng
RT: 15.68 min Scan# 2269
Delta R.T. -0.01 min
Lab File: BF108414.D
Acq: 23 Aug 2018 7:08

Instrument :
BNA_F
ClientSampleId :
PB112196BS

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.8	17.1	25.7
125	9.5	9.8	14.6

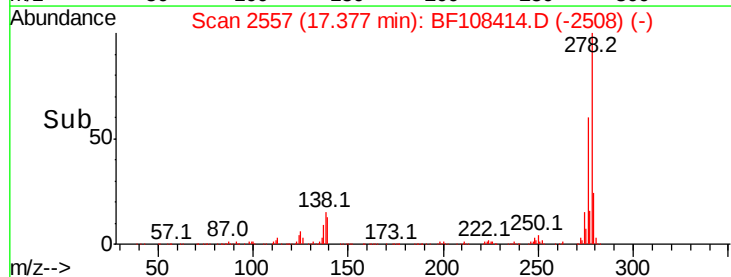
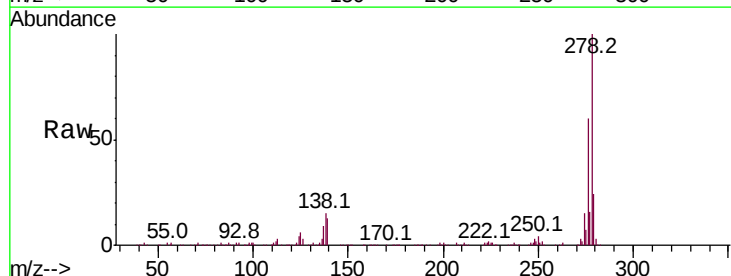
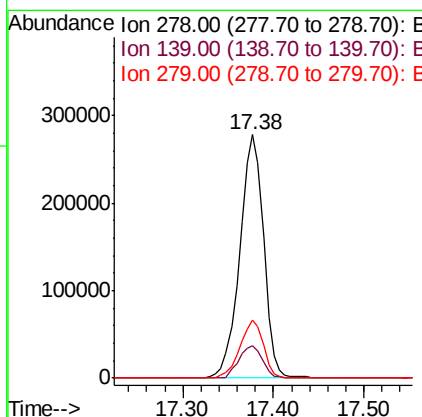
Manual Integrations
APPROVED

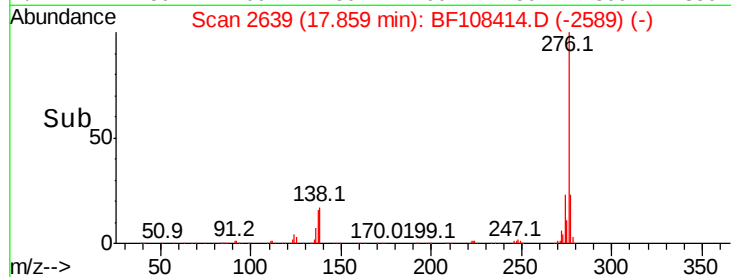
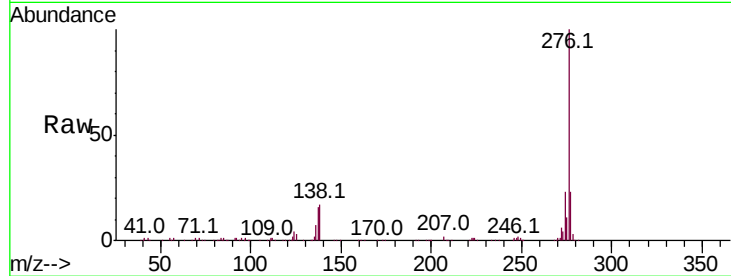
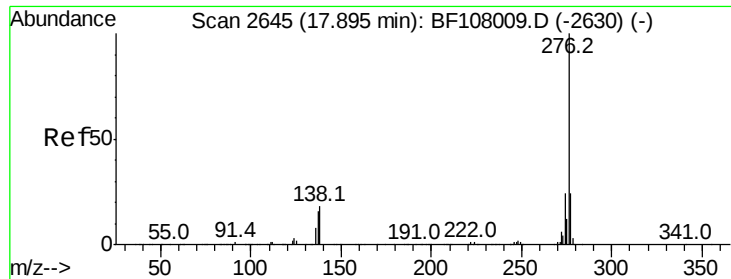
Sohil
8/23/2018 3:43:44 PM



#90
Dibenzo(a,h)anthracene
Concen: 44.598 ng
RT: 17.38 min Scan# 2557
Delta R.T. -0.01 min
Lab File: BF108414.D
Acq: 23 Aug 2018 7:08

Tgt Ion	Ratio	Lower	Upper
278	100		
139	13.3	15.9	23.9
279	24.0	19.0	28.4





#91
 Benzo(a,h,i)perylene
 Concen: 41.292 ng
 RT: 17.86 min Scan# 2639
 Delta R.T. -0.01 min
 Lab File: BF108414.D
 Acq: 23 Aug 2018 7:08

Instrument :
 BNA_F
 ClientSampleId :
 PB112196BS

Tot Ion	Ratio	Lower	Upper
276	100		
277	23.2	17.9	26.9
138	17.4	21.8	32.8

Manual Integrations
 APPROVED

Sohil
 8/23/2018 3:43:44 PM

