

Data File : BF110456.D
Acq On : 5 Nov 2018 11:11
Operator : JU/SJ
Sample : PB114382BS
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB114382BS

Manual Integrations
APPROVED

Sohil
11/6/2018 9:00:51 AM

Quant Time: Nov 05 12:32:01 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF102318.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Nov 01 16:06:12 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.96	152	81848	20.00	ng	0.00
21) Naphthalene-d8	8.24	136	347295	20.00	ng	0.00
39) Acenaphthene-d10	10.00	164	164438	20.00	ng	0.00
64) Phenanthrene-d10	11.49	188	307051	20.00	ng	0.00
76) Chrysene-d12	14.14	240	225246	20.00	ng	0.00
87) Perylene-d12	15.66	264	166176	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.59	112	747079	148.64	ng	0.02
7) Phenol-d6	6.59	99	958624	149.11	ng	0.00
23) Nitrobenzene-d5	7.52	82	479723	81.93	ng	0.00
42) 2,4,6-Tribromophenol	10.80	330	239019	146.74	ng	0.00
45) 2-Fluorobiphenyl	9.31	172	925805	88.41	ng	0.00
79) Terphenyl-d14	13.07	244	880300	81.28	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.92	88	125698	47.734	ng	91
3) Pyridine	3.68	79	235517	40.155	ng	# 84
4) n-Nitrosodimethylamine	3.63	42	113503	46.190	ng	91
6) Aniline	6.62	93	288026	34.393	ng	# 54
8) 2-Chlorophenol	6.75	128	246368	42.516	ng	100
9) Benzaldehyde	6.51	77	166926	47.076	ng	98
10) Phenol	6.60	94	303304	44.137	ng	# 66
11) bis(2-Chloroethyl)ether	6.69	93	229183	40.537	ng	97
12) 1,3-Dichlorobenzene	6.90	146	262449	41.156	ng	98
13) 1,4-Dichlorobenzene	6.97	146	264320	40.983	ng	98
14) 1,2-Dichlorobenzene	7.13	146	250641	41.863	ng	99
15) Benzyl Alcohol	7.10	79	210665	42.606	ng	92
16) 2,2'-oxybis(1-Chloropropan	7.22	45	366473	40.541	ng	70
17) 2-Methylphenol	7.20	107	199327	43.162	ng	# 84
18) Hexachloroethane	7.46	117	100566	42.590	ng	94
19) n-Nitroso-di-n-propylamine	7.36	70	166660	40.409	ng	96
20) 3+4-Methylphenols	7.36	107	249015	41.715	ng	# 85
22) Acetophenone	7.36	105	342664	42.820	ng	# 94
24) Nitrobenzene	7.54	77	254864	42.160	ng	95
25) Isophorone	7.77	82	461661	46.254	ng	96
26) 2-Nitrophenol	7.86	139	129633	45.063	ng	90
27) 2,4-Dimethylphenol	7.89	122	221057	46.349	ng	100
28) bis(2-Chloroethoxy)methane	7.98	93	291650	43.014	ng	99
29) 2,4-Dichlorophenol	8.10	162	203332	42.199	ng	98
30) 1,2,4-Trichlorobenzene	8.18	180	221964	41.126	ng	94
31) Naphthalene	8.26	128	714729	44.653	ng	99
32) Benzoic acid	8.02	122	132671	35.991	ng	90
33) 4-Chloroaniline	8.31	127	172471	23.942	ng	97
34) Hexachlorobutadiene	8.37	225	124562	41.565	ng	96
35) Caprolactam	8.68	113	69476m	41.369	ng	
36) 4-Chloro-3-methylphenol	8.79	107	218543	41.943	ng	94
37) 2-Methylnaphthalene	8.95	142	497773	47.002	ng	99
38) 1-Methylnaphthalene	9.05	142	466194	45.553	ng	100
40) 1,2,4,5-Tetrachlorobenzene	9.12	216	212040	41.385	ng	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	9.10	237	191660	73.157	ng	100
43) 2,4,6-Trichlorophenol	9.23	196	138391	41.878	ng	97
44) 2,4,5-Trichlorophenol	9.27	196	149182	42.707	ng	96
46) 1,1'-Biphenyl	9.42	154	602213	40.498	ng	99
47) 2-Chloronaphthalene	9.45	162	452118	41.450	ng	99
48) 2-Nitroaniline	9.55	65	139567	42.224	ng	93
49) Acenaphthylene	9.86	152	704666	44.728	ng	99
50) Dimethylphthalate	9.71	163	518812	42.741	ng	100
51) 2,6-Dinitrotoluene	9.78	165	114832	43.918	ng	98
52) Acenaphthene	10.03	154	421468	40.439	ng	97
53) 3-Nitroaniline	9.96	138	88859	28.578	ng	91
54) 2,4-Dinitrophenol	10.07	184	87462	84.007	ng	92
55) Dibenzofuran	10.20	168	614724	42.127	ng	99
56) 4-Nitrophenol	10.12	139	240032	104.304	ng	96
57) 2,4-Dinitrotoluene	10.19	165	150486	45.312	ng	93
58) Fluorene	10.55	166	494002	45.488	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.33	232	120346m	42.268	ng	
60) Diethylphthalate	10.41	149	506064	42.709	ng	99
61) 4-Chlorophenyl-phenylether	10.53	204	231647	40.434	ng	97
62) 4-Nitroaniline	10.57	138	124217	40.167	ng	97
63) Azobenzene	10.70	77	497629	42.310	ng	97
65) 4,6-Dinitro-2-methylphenol	10.60	198	59128	42.149	ng	91
66) n-Nitrosodiphenylamine	10.66	169	427461	42.444	ng	97
67) 4-Bromophenyl-phenylether	11.03	248	136469	40.974	ng	93
68) Hexachlorobenzene	11.10	284	146989	41.594	ng	# 92
69) Atrazine	11.18	200	139052	43.689	ng	97
70) Pentachlorophenol	11.30	266	138911	67.412	ng	96
71) Phenanthrene	11.52	178	714593	44.478	ng	100
72) Anthracene	11.57	178	743690	46.181	ng	99
73) Carbazole	11.72	167	644169	40.968	ng	99
74) Di-n-butylphthalate	12.03	149	784787	44.192	ng	99
75) Fluoranthene	12.71	202	732510	44.924	ng	99
77) Benzdine	12.83	184	391401	Below Cal		98
78) Pyrene	12.94	202	724376	44.858	ng	98
80) Butylbenzylphthalate	13.54	149	316163	45.108	ng	94
81) Benzo(a)anthracene	14.13	228	596784	44.678	ng	98
82) 3,3'-Dichlorobenzidine	14.09	252	133425	28.685	ng	99
83) Chrysene	14.17	228	565420	44.567	ng	98
84) Bis(2-ethylhexyl)phthalate	14.09	149	412238	43.509	ng	96
85) Di-n-octyl phthalate	14.70	149	638634	43.348	ng	98
86) Indeno(1,2,3-cd)pyrene	17.24	276	409032	38.862	ng	97
88) Benzo(b)fluoranthene	15.21	252	441993	46.060	ng	99
89) Benzo(k)fluoranthene	15.24	252	441676	46.818	ng	97
90) Benzo(a)pyrene	15.60	252	417433	47.275	ng	98
91) Dibenzo(a,h)anthracene	17.24	278	345416	45.337	ng	98
92) Benzo(g,h,i)perylene	17.72	276	343600	45.766	ng	96

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

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Instrument :

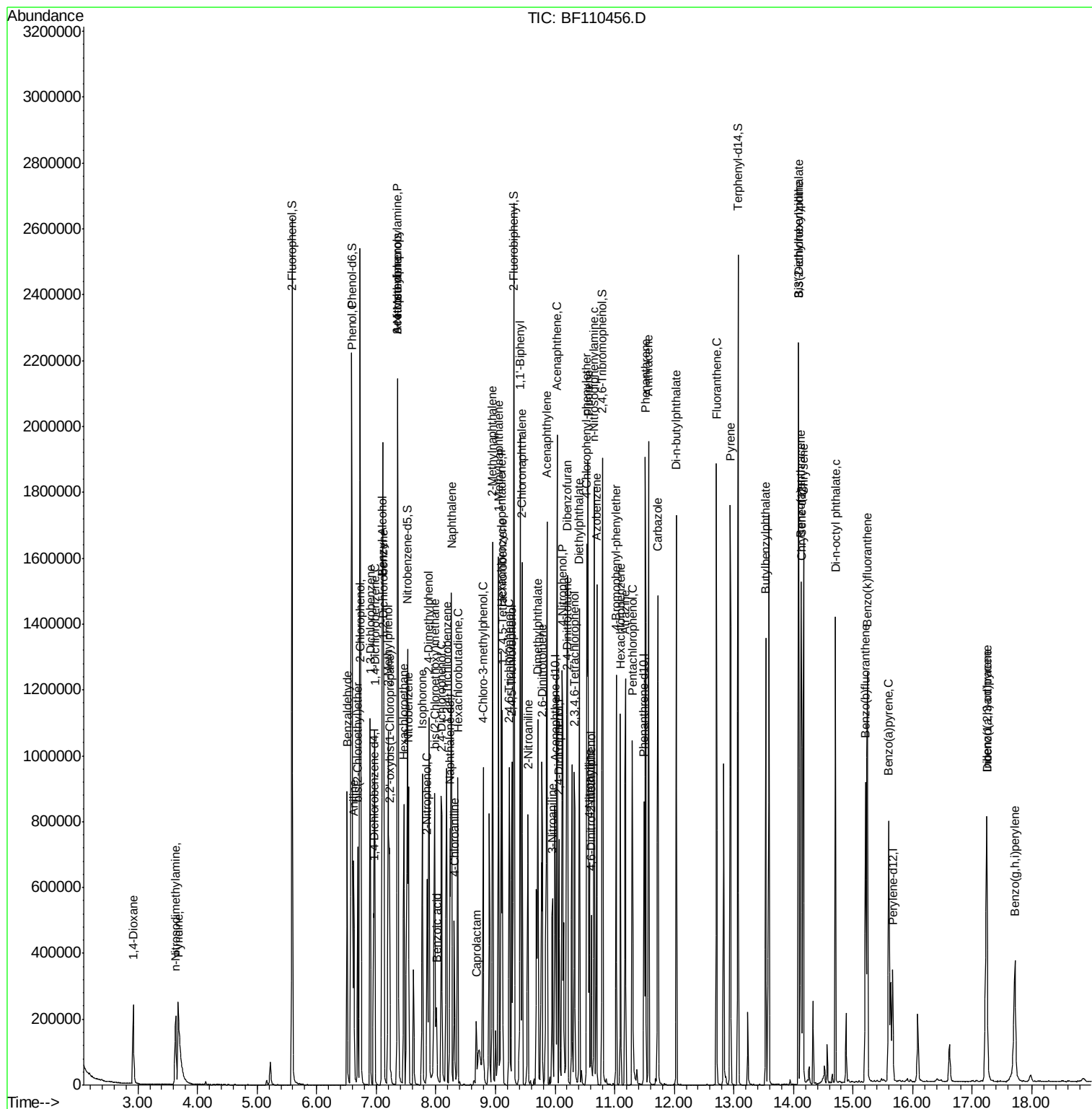
BNA F

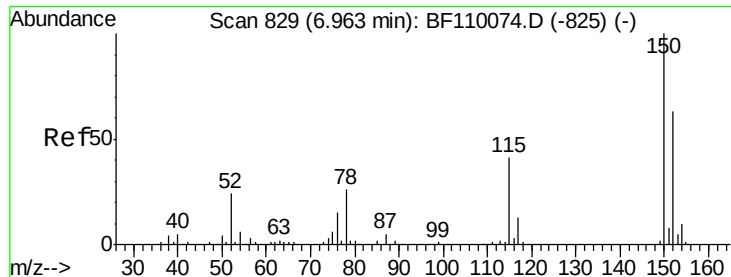
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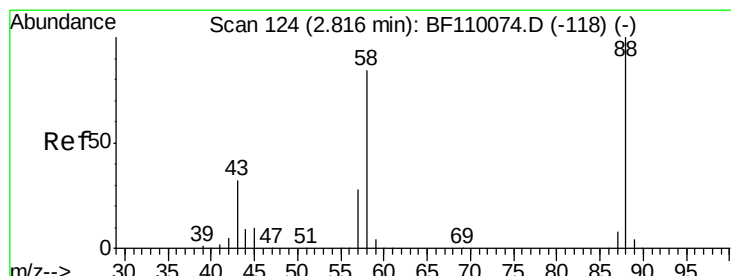
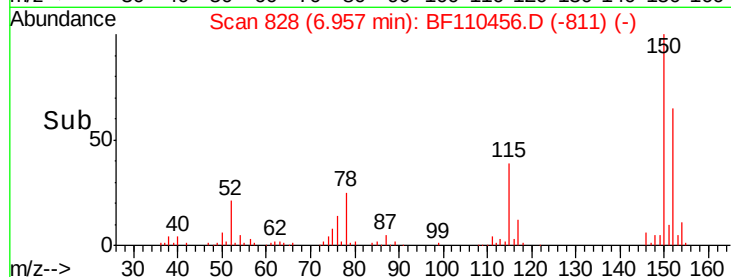
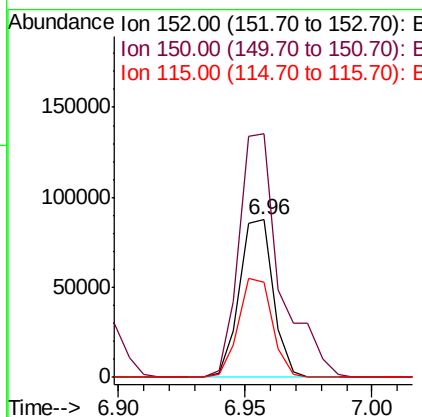
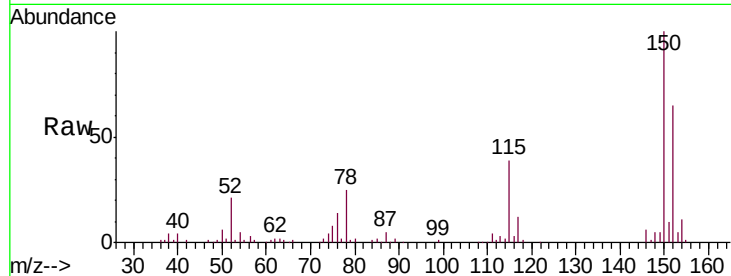
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.96 min Scan# 828
 Delta R.T. 0.00 min
 Lab File: BF110456.D
 Acq: 5 Nov 2018 11:11

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Tgt Ion	Ratio	Lower	Upper
152	100		
150	154.5	122.7	184.1
115	60.1	49.1	73.7

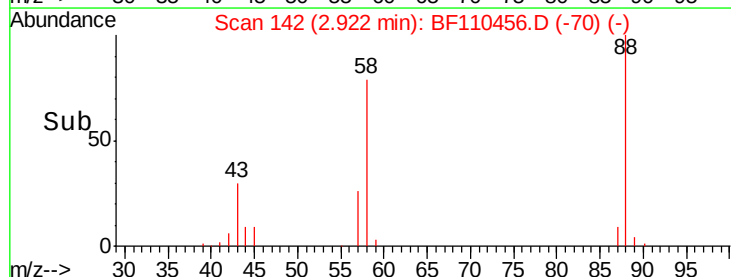
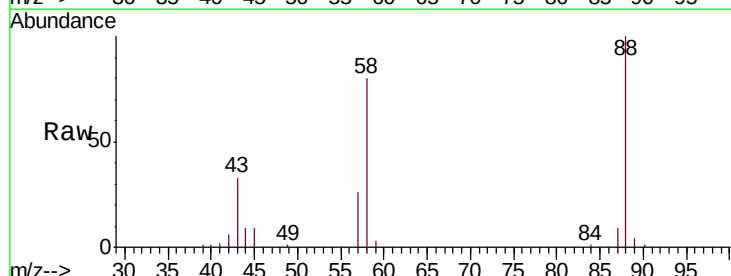
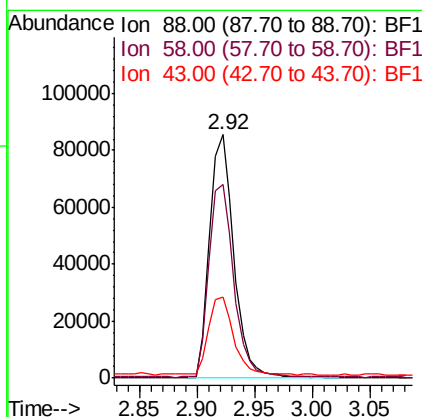
Manual Integrations
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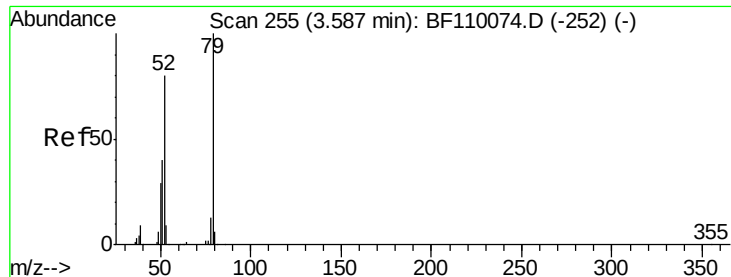
Sohil
 11/6/2018 9:00:51 AM



#2
 1,4-Dioxane
 Concen: 47.734 ng
 RT: 2.92 min Scan# 142
 Delta R.T. 0.12 min
 Lab File: BF110456.D
 Acq: 5 Nov 2018 11:11

Tgt Ion	Ratio	Lower	Upper
88	100		
58	81.0	57.1	85.7
43	32.5	24.1	36.1





#3

Pyridine

Concen: 40.155 ng

RT: 3.68 min Scan# 270

Delta R.T. 0.09 min

Lab File: BF110456.D

Acq: 5 Nov 2018 11:11

Instrument :

BNA_F

ClientSampleId :

PB114382BS

Tgt Ion: 79 Resp: 235517
Ion Ratio Lower Upper

79 100

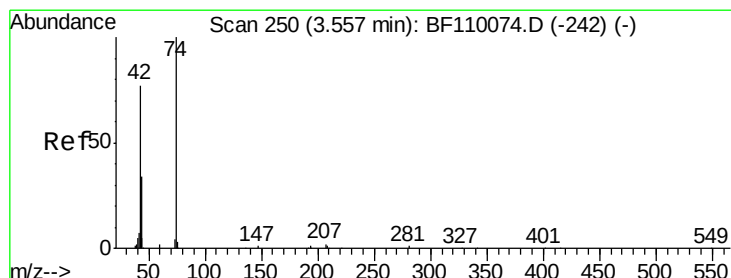
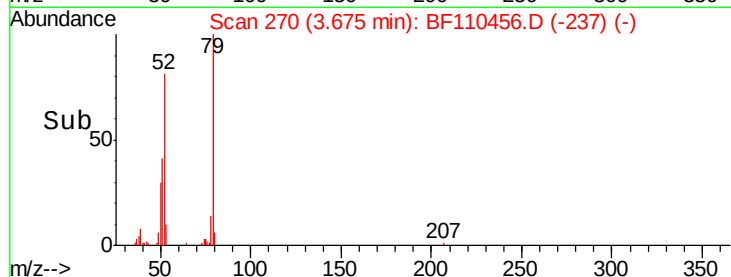
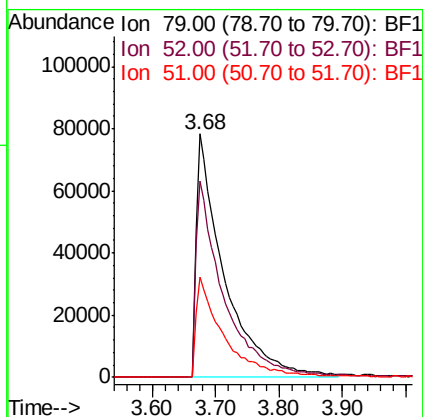
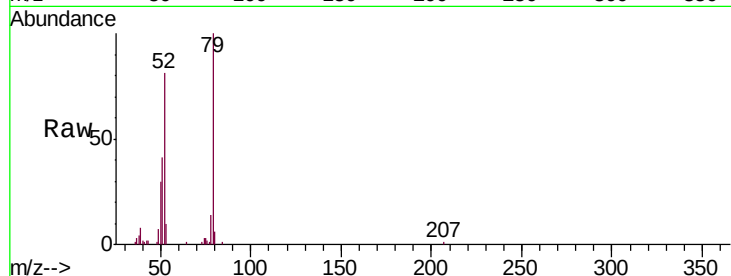
52 80.5 53.1 79.7#

51 41.3 27.4 41.2#

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#4

n-Nitrosodimethylamine

Concen: 46.190 ng

RT: 3.63 min Scan# 263

Delta R.T. 0.09 min

Lab File: BF110456.D

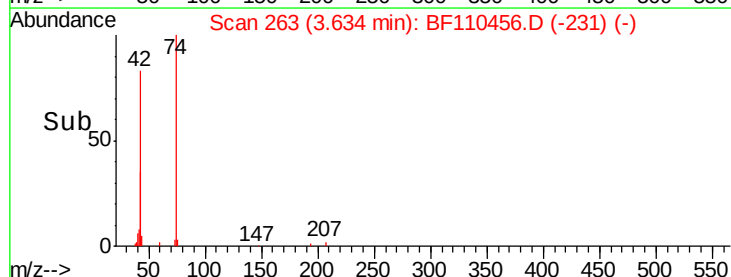
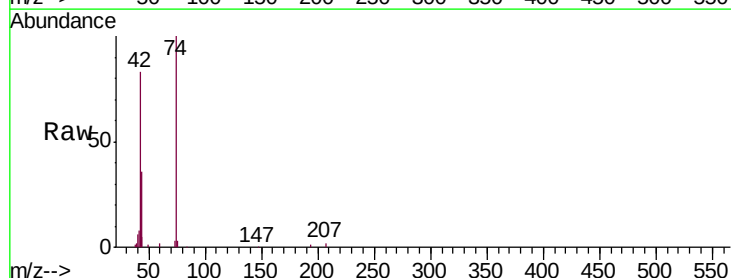
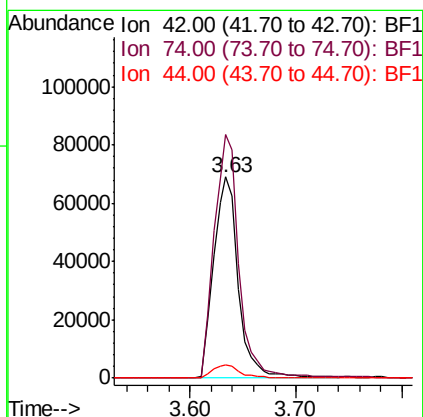
Acq: 5 Nov 2018 11:11

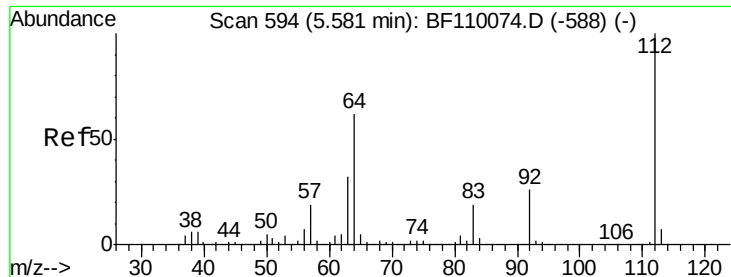
Tgt Ion: 42 Resp: 113503
Ion Ratio Lower Upper

42 100

74 120.9 105.5 158.3

44 6.4 4.9 7.3





#5

2-Fluorophenol

Concen: 148.639 ng

RT: 5.59 min Scan# 596

Delta R.T. 0.02 min

Lab File: BF110456.D

Acq: 5 Nov 2018 11:11

Instrument :

BNA_F

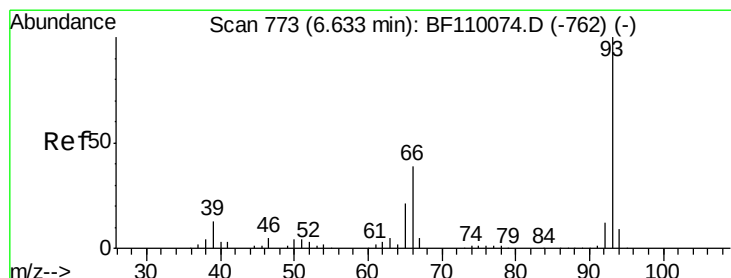
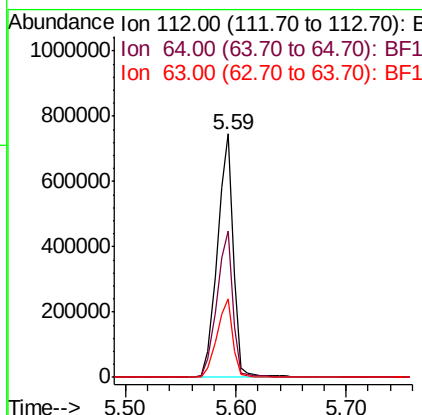
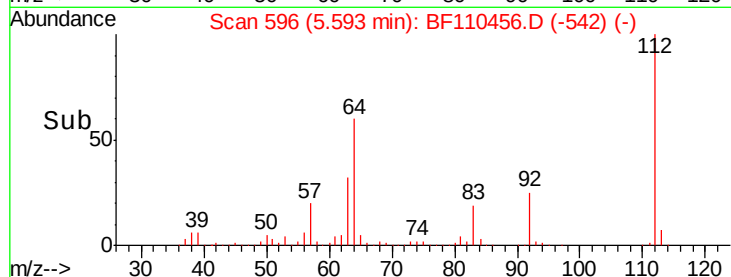
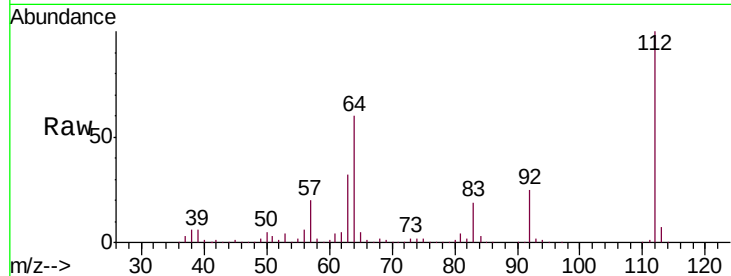
ClientSampled :

PB114382BS

Tgt Ion:	112	Resp:	747079
Ion Ratio	Lower	Upper	
112	100		
64	60.3	44.1	66.1
63	32.1	23.7	35.5

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#6

Aniline

Concen: 34.393 ng

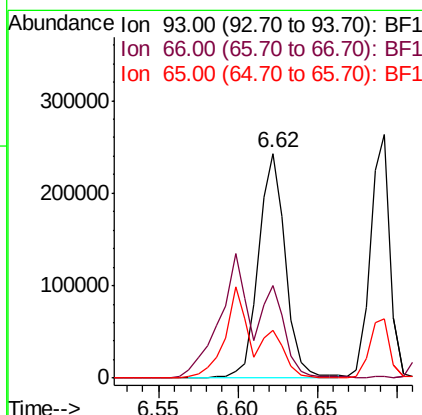
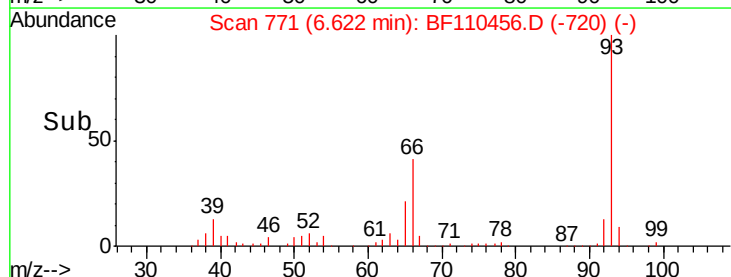
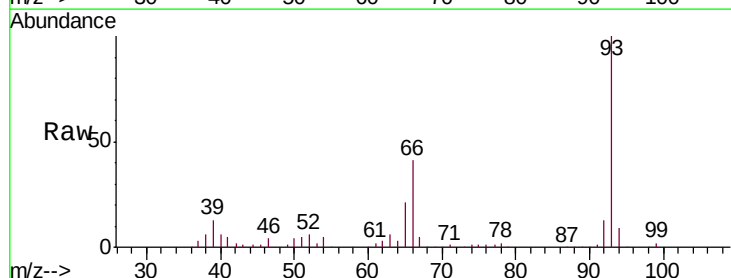
RT: 6.62 min Scan# 771

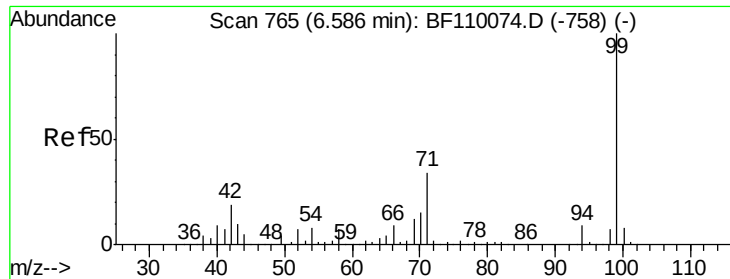
Delta R.T. 0.00 min

Lab File: BF110456.D

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Tgt Ion:	93	Resp:	288026
Ion Ratio	Lower	Upper	
93	100		
66	41.0	67.4	101.0#
65	21.4	41.0	61.4#





#7

Phenol-d6

Concen: 149.114 ng

RT: 6.59 min Scan# 765

Delta R.T. 0.01 min

Lab File: BF110456.D

Acq: 5 Nov 2018 11:11

Instrument :

BNA_F

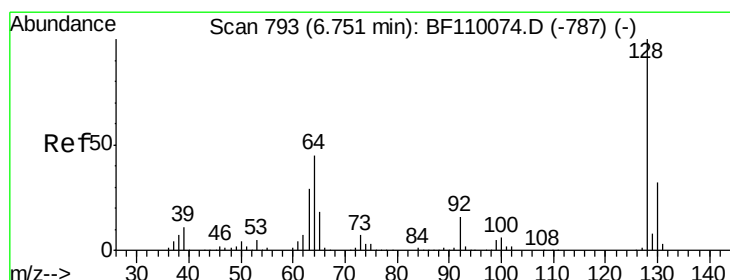
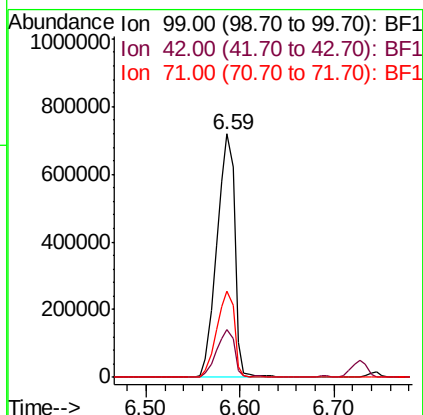
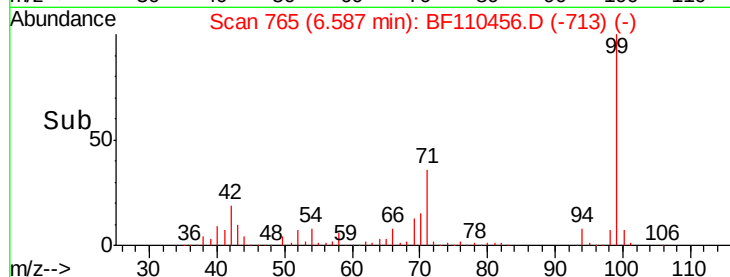
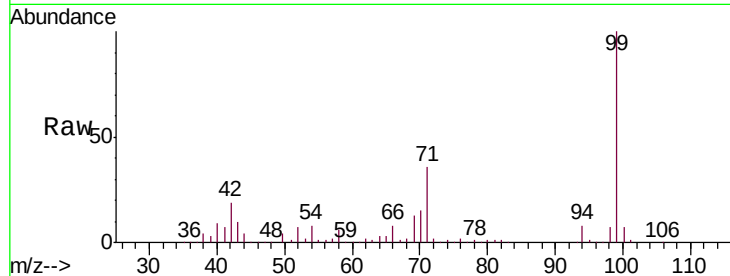
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Tgt Ion:	99	Resp:	958624
Ion Ratio	Lower	Upper	
99	100		
42	19.4	15.8	23.6
71	35.6	28.0	42.0

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#8

2-Chlorophenol

Concen: 42.516 ng

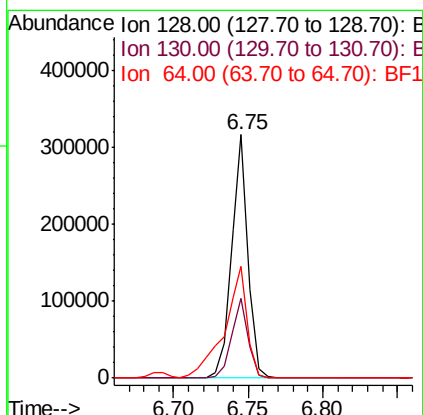
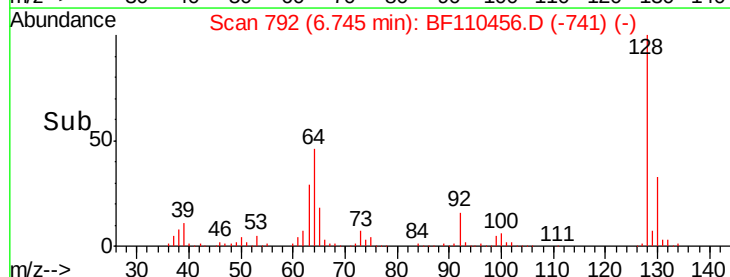
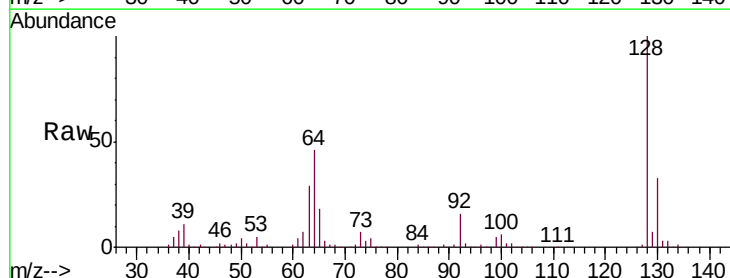
RT: 6.75 min Scan# 792

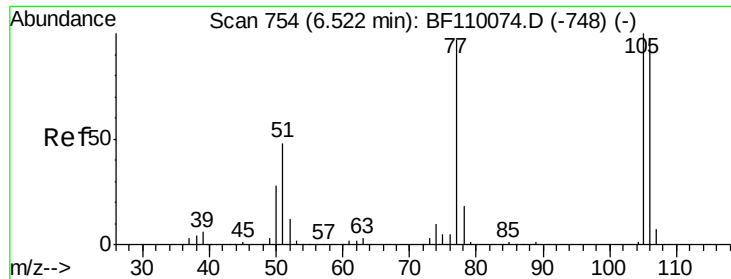
Delta R.T. 0.00 min

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Tgt Ion:	128	Resp:	246368
Ion Ratio	Lower	Upper	
128	100		
130	32.9	13.1	53.1
64	45.8	26.0	66.0





#9

Benzaldehyde

Concen: 47.076 ng

RT: 6.51 min Scan# 752

Delta R.T. 0.00 min

Lab File: BF110456.D

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BNA_F

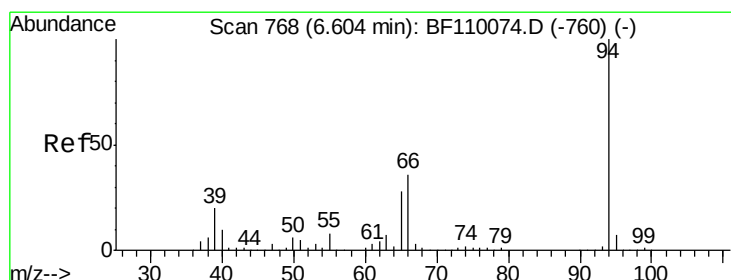
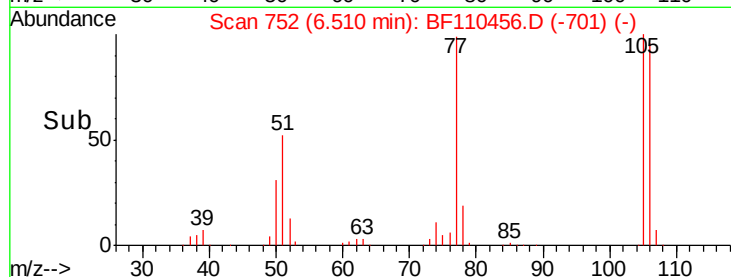
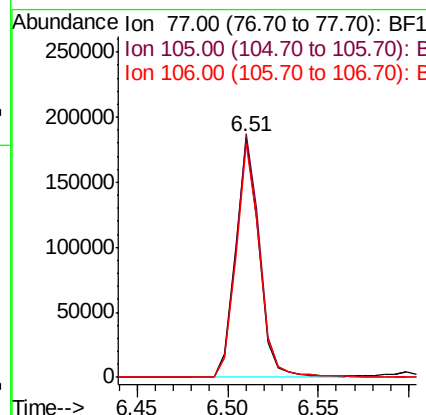
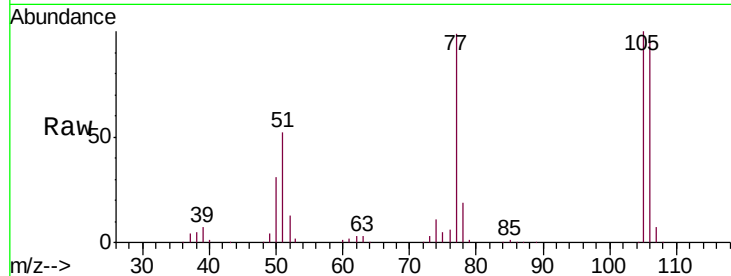
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Tgt Ion:	77	Resp:	166926
Ion Ratio	Lower	Upper	
77	100		
105	101.3	78.6	118.6
106	97.0	74.8	114.8

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#10

Phenol

Concen: 44.137 ng

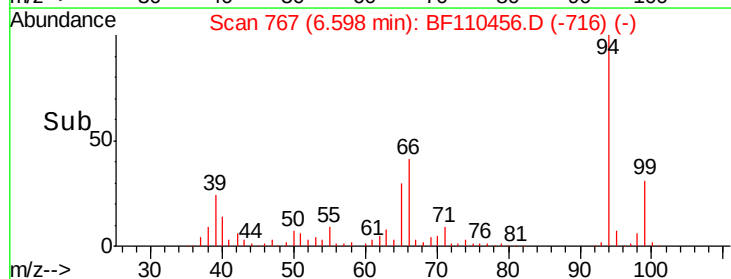
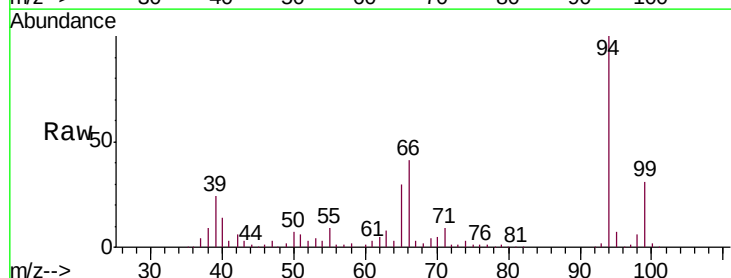
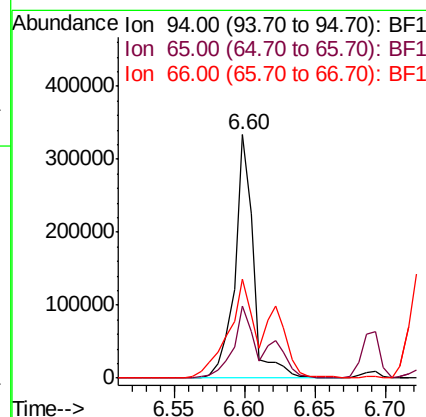
RT: 6.60 min Scan# 767

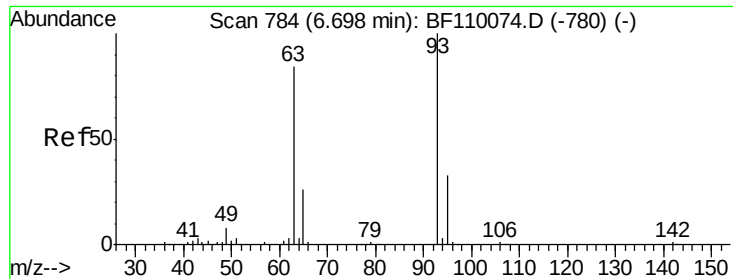
Delta R.T. 0.00 min

Lab File: BF110456.D

Acq: 5 Nov 2018 11:11

Tgt Ion:	94	Resp:	303304
Ion Ratio	Lower	Upper	
94	100		
65	29.7	25.3	65.3
66	40.5	54.5	94.5#





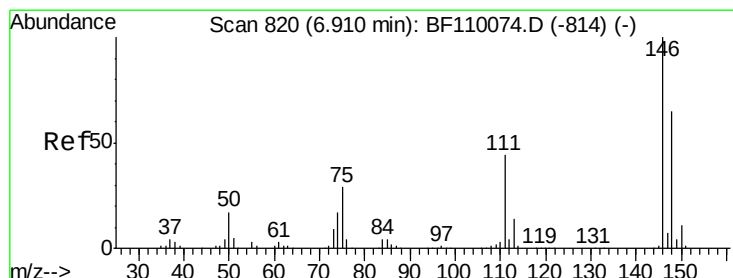
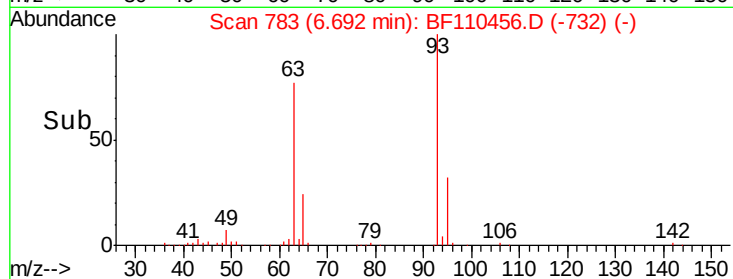
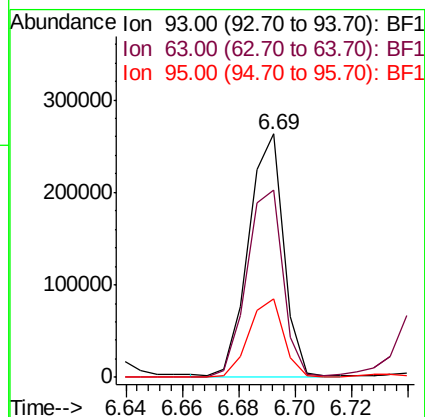
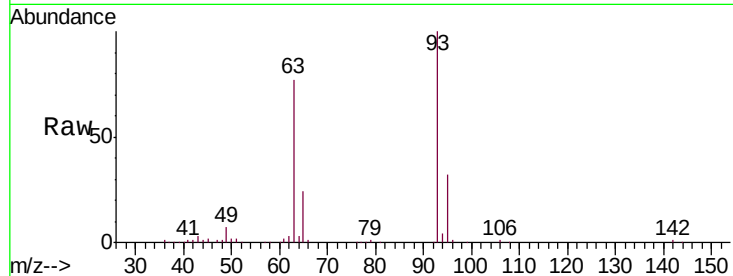
#11
bis(2-Chloroethyl)ether
Concen: 40.537 ng
RT: 6.69 min Scan# 783
Delta R.T. 0.00 min
Lab File: BF110456.D
Acq: 5 Nov 2018 11:11

Instrument :
BNA_F
ClientSampleId :
PB114382BS

Tgt Ion	Ratio	Resp Lower	Upper
93	100		
63	77.0	53.4	93.4
95	32.4	12.1	52.1

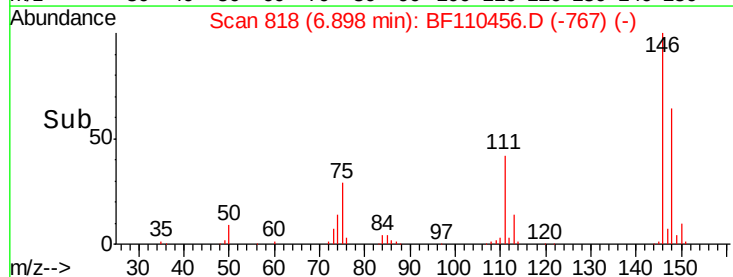
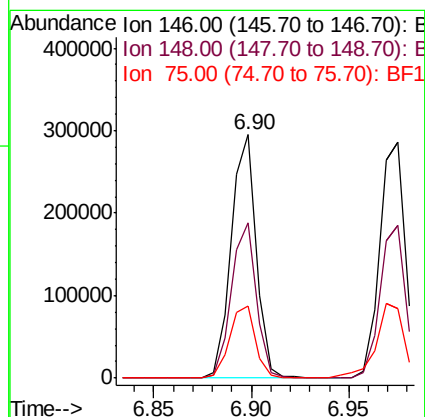
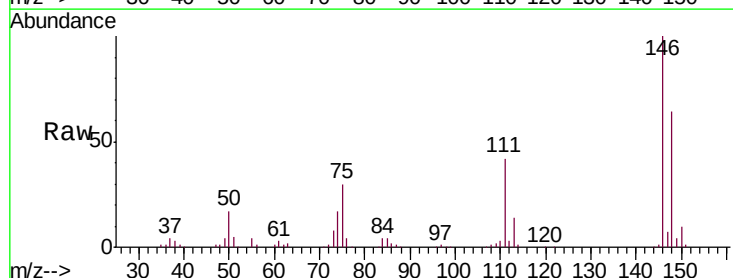
Manual Integrations
APPROVED

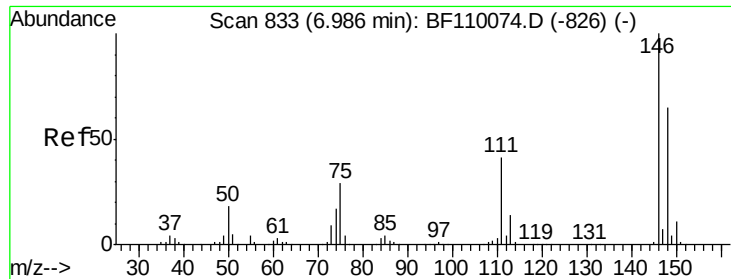
Sohil
11/6/2018 9:00:51 AM



#12
1,3-Dichlorobenzene
Concen: 41.156 ng
RT: 6.90 min Scan# 818
Delta R.T. 0.00 min
Lab File: BF110456.D
Acq: 5 Nov 2018 11:11

Tgt Ion	Ratio	Resp Lower	Upper
146	100		
148	63.9	50.4	75.6
75	29.8	25.8	38.6





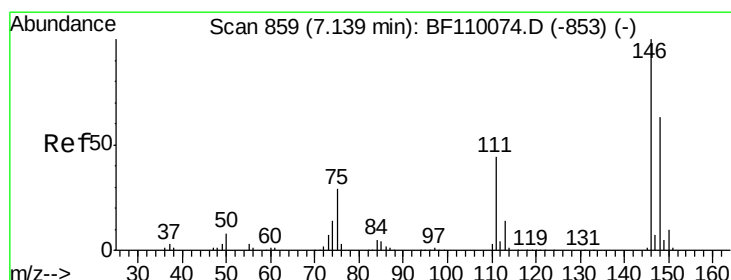
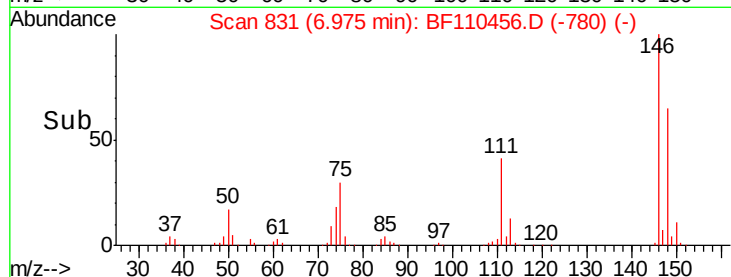
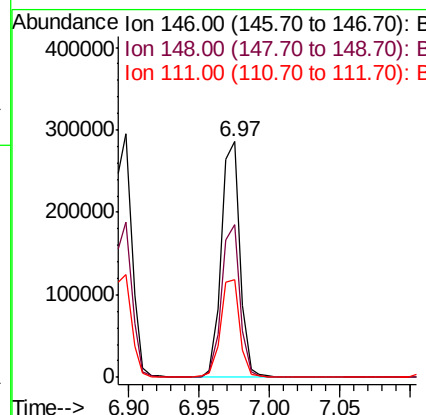
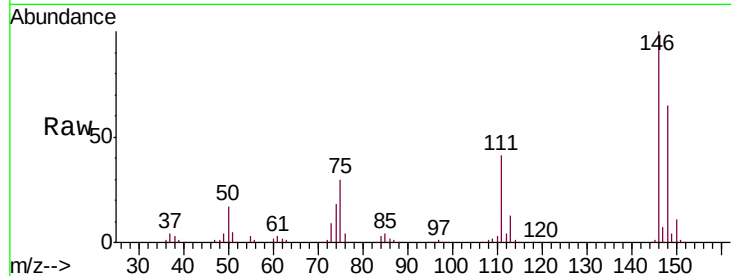
#13
1,4-Dichlorobenzene
Concen: 40.983 ng
RT: 6.97 min Scan# 831
Delta R.T. 0.00 min
Lab File: BF110456.D
Acq: 5 Nov 2018 11:11

Instrument :
BNA_F
ClientSampleId :
PB114382BS

Tgt Ion	Ratio	Lower	Upper
146	100		
148	65.0	50.3	75.5
111	41.3	32.7	49.1

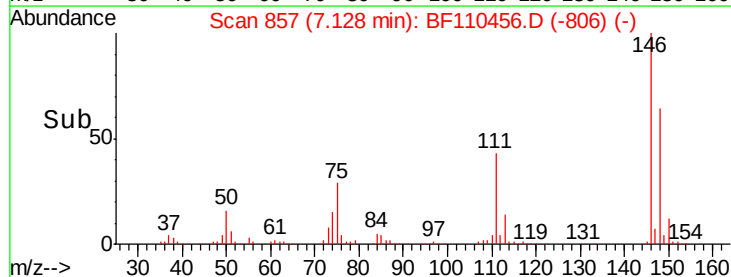
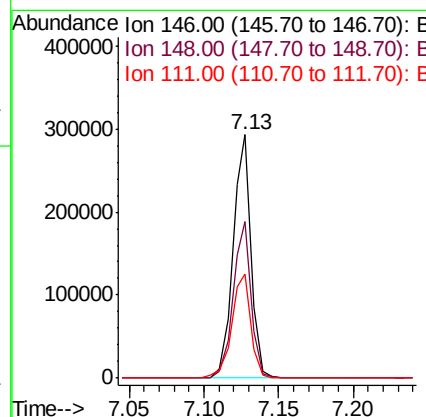
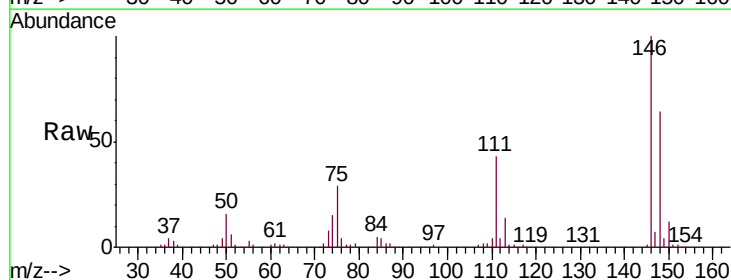
Manual Integrations
APPROVED

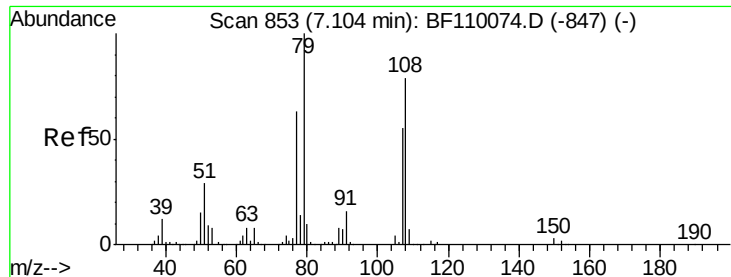
Sohil
11/6/2018 9:00:51 AM



#14
1,2-Dichlorobenzene
Concen: 41.863 ng
RT: 7.13 min Scan# 857
Delta R.T. 0.00 min
Lab File: BF110456.D
Acq: 5 Nov 2018 11:11

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.2	51.1	76.7
111	42.8	35.8	53.6





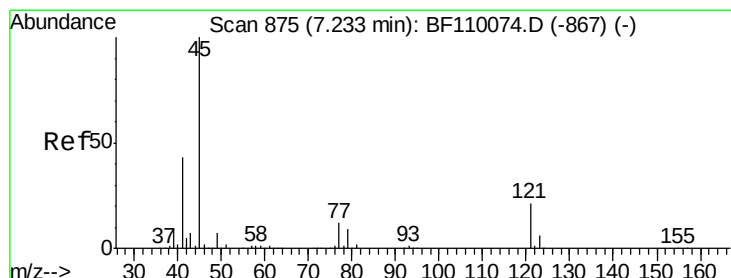
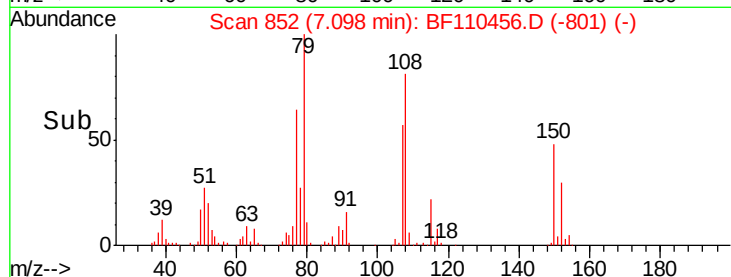
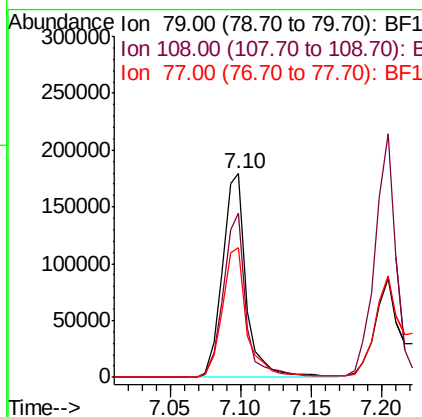
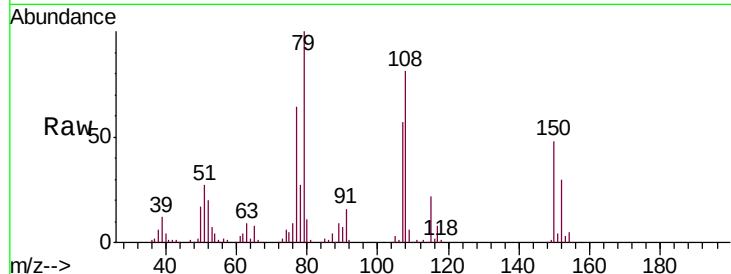
#15
Benzyl Alcohol
Concen: 42.606 ng
RT: 7.10 min Scan# 852
Delta R.T. 0.00 min
Lab File: BF110456.D
Acq: 5 Nov 2018 11:11

Instrument :
BNA_F
ClientSampled :
PB114382BS

Tgt Ion	Ratio	Resp	Lower	Upper
79	100	210665		
108	80.5	56.3	84.5	
77	63.9	52.9	79.3	

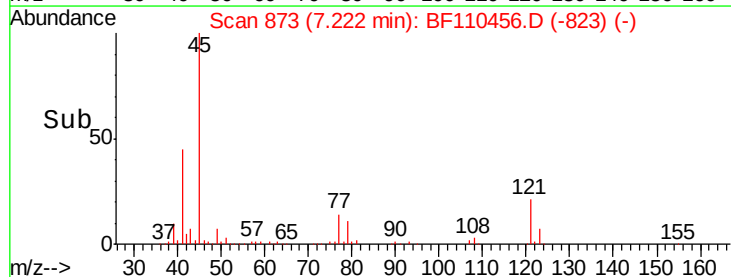
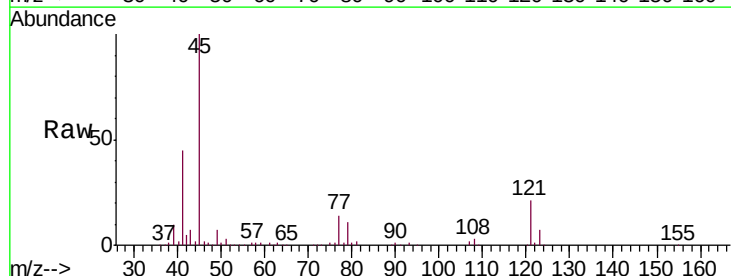
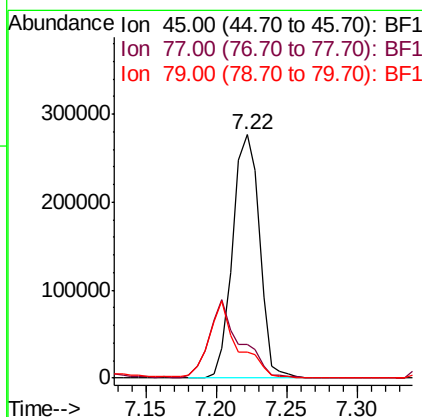
Manual Integrations
APPROVED

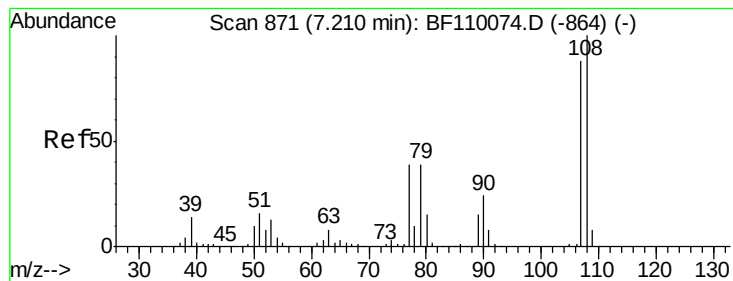
Sohil
11/6/2018 9:00:51 AM



#16
2,2'-oxybis(1-Chloropropane)
Concen: 40.541 ng
RT: 7.22 min Scan# 873
Delta R.T. -0.01 min
Lab File: BF110456.D
Acq: 5 Nov 2018 11:11

Tgt Ion	Ratio	Resp	Lower	Upper
45	100	366473		
77	14.0	10.0	50.0	
79	10.9	6.1	46.1	





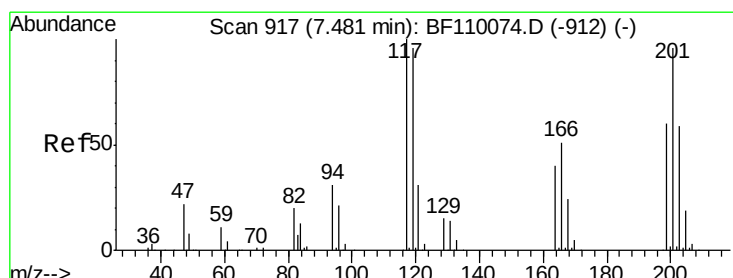
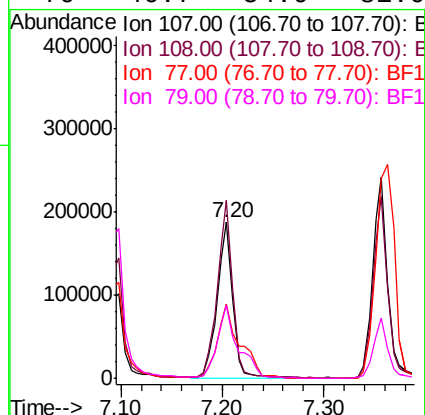
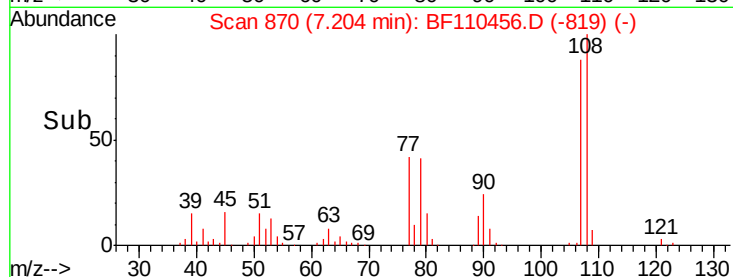
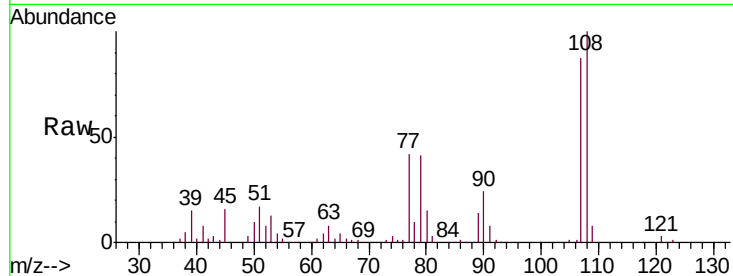
#17
2-Methylphenol
Concen: 43.162 ng
RT: 7.20 min Scan# 870
Delta R.T. 0.00 min
Lab File: BF110456.D
Acq: 5 Nov 2018 11:11

Instrument :
BNA_F
ClientSampleId :
PB114382BS

Tgt Ion	Ratio	Resp	Lower	Upper
107	100	199327		
108	114.5	92.6	138.8	
77	47.5	59.4	89.2#	
79	46.7	54.0	81.0#	

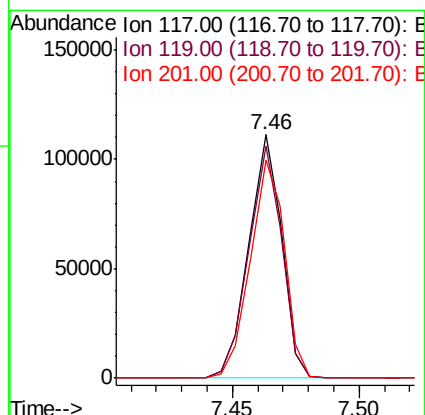
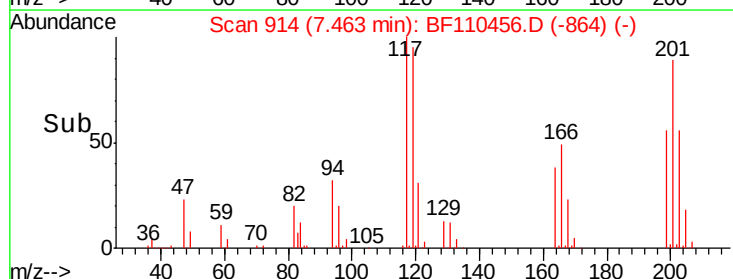
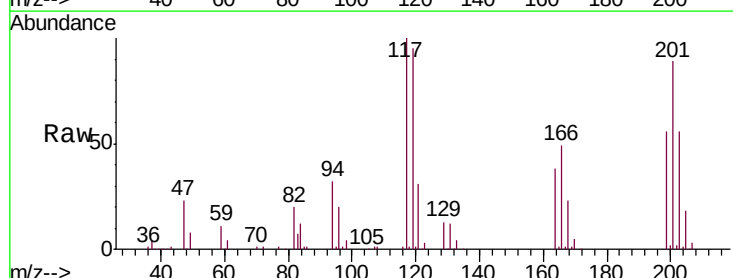
Manual Integrations
APPROVED

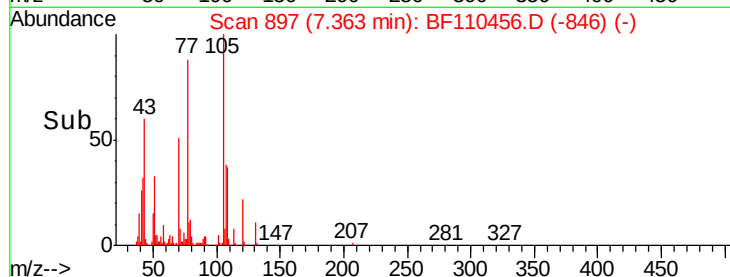
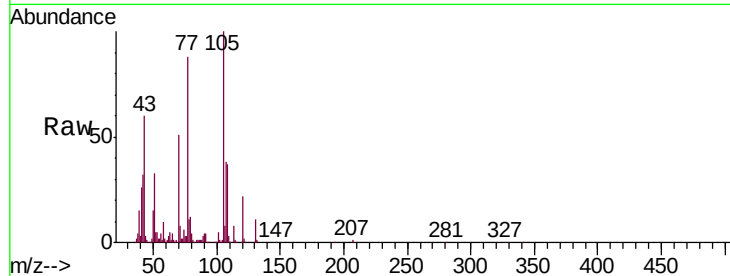
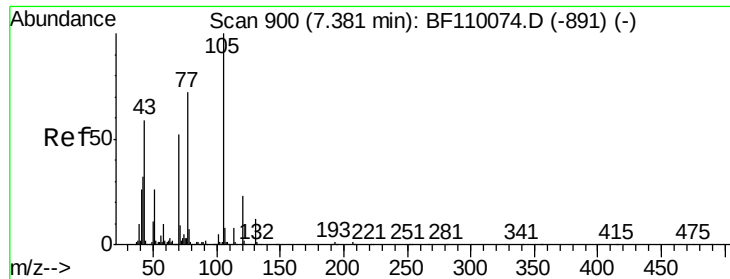
Sohil
11/6/2018 9:00:51 AM



#18
Hexachloroethane
Concen: 42.590 ng
RT: 7.46 min Scan# 914
Delta R.T. -0.01 min
Lab File: BF110456.D
Acq: 5 Nov 2018 11:11

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	100566		
119	95.4	75.0	112.6	
201	89.5	79.2	118.8	





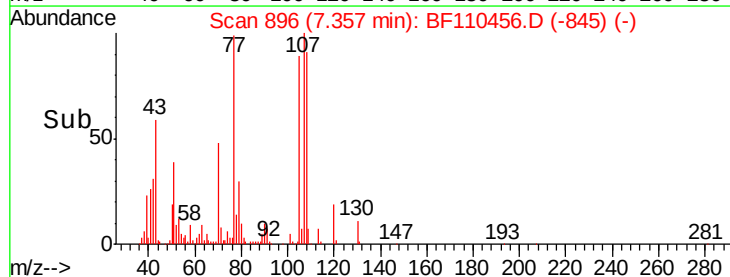
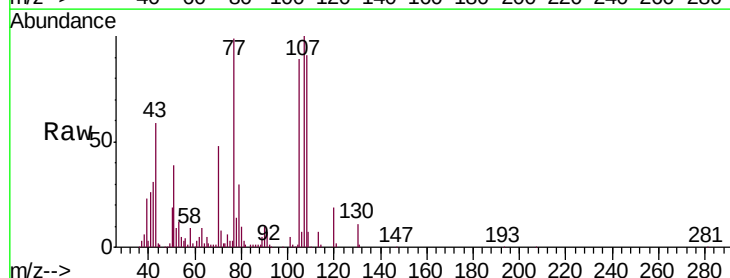
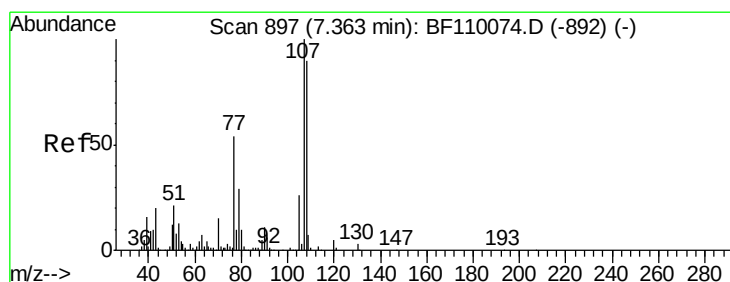
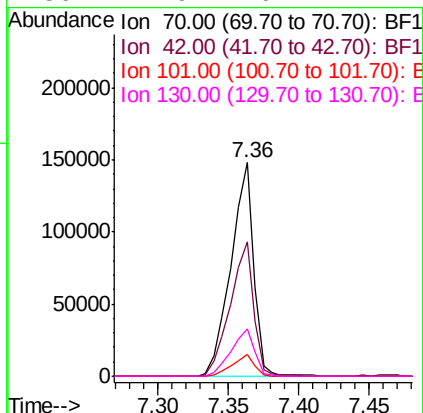
#19
n-Nitroso-di-n-propylamine
Concen: 40.409 ng
RT: 7.36 min Scan# 897
Delta R.T. 0.00 min
Lab File: BF110456.D
Acq: 5 Nov 2018 11:11

Instrument :
BNA_F
ClientSampleId :
PB114382BS

Tgt Ion	Ratio	Lower	Upper
70	100		
42	63.1	47.4	71.2
101	10.0	7.3	10.9
130	21.9	16.2	24.2

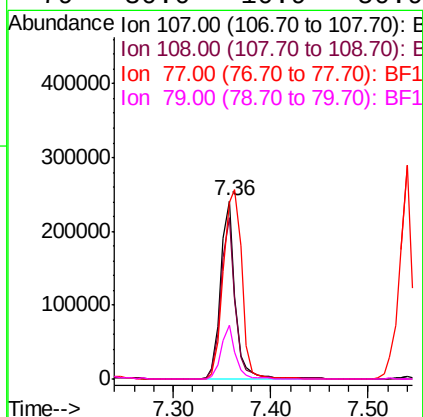
Manual Integrations
APPROVED

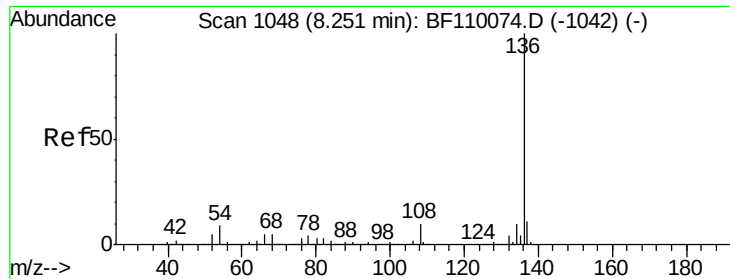
Sohil
11/6/2018 9:00:51 AM



#20
3+4-Methylphenols
Concen: 41.715 ng
RT: 7.36 min Scan# 896
Delta R.T. 0.00 min
Lab File: BF110456.D
Acq: 5 Nov 2018 11:11

Tgt Ion	Ratio	Lower	Upper
107	100		
108	90.6	71.4	111.4
77	99.3	47.3	87.3#
79	30.0	10.9	50.9





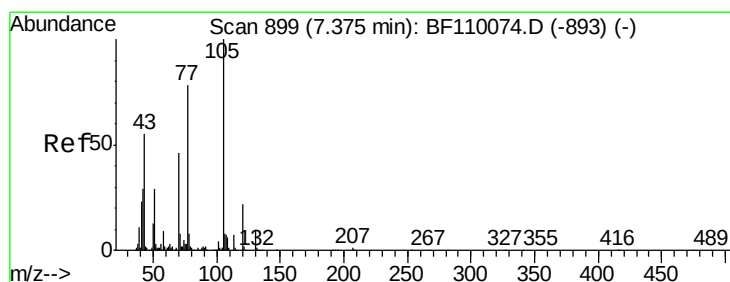
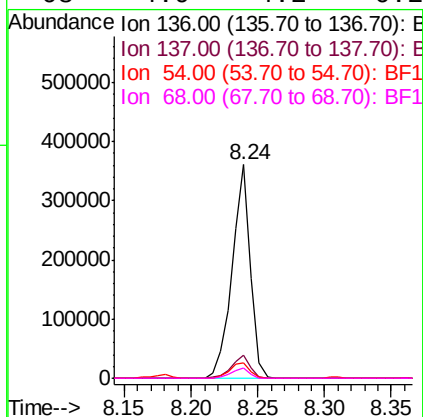
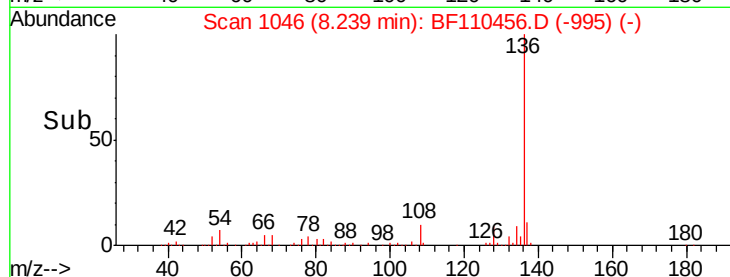
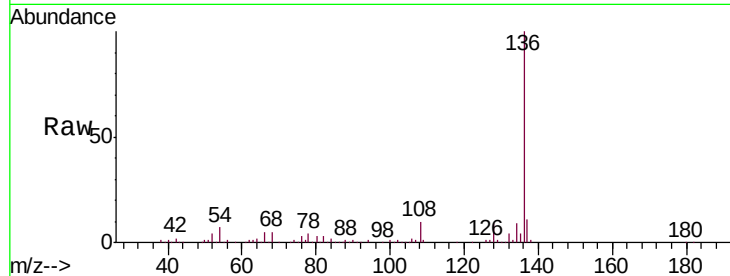
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.24 min Scan# 1046
Delta R.T. 0.00 min
Lab File: BF110456.D
Acq: 5 Nov 2018 11:11

Instrument :
BNA_F
ClientSampleId :
PB114382BS

Tgt Ion	Ratio	Resp	Lower	Upper
136	100	347295		
137	10.5	8.8	13.2	
54	7.5	5.4	8.2	
68	4.9	4.2	6.2	

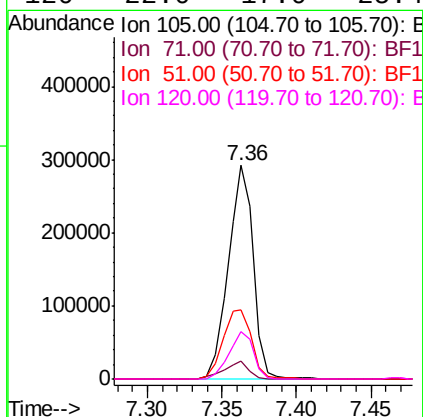
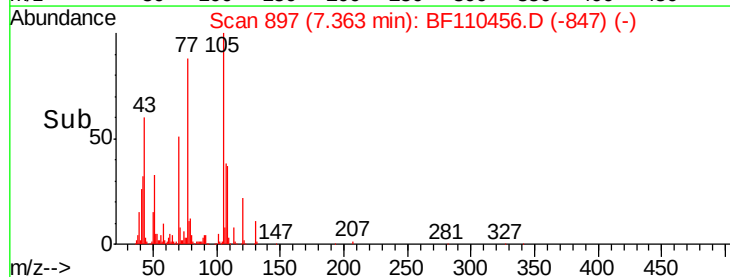
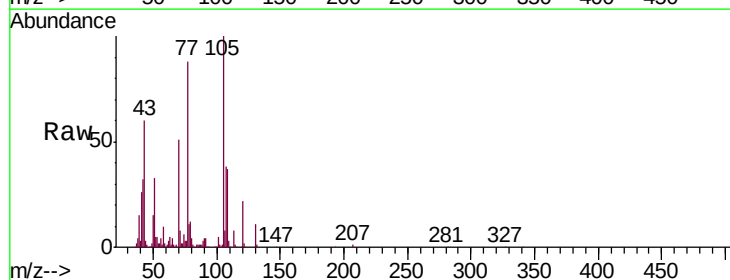
Manual Integrations
APPROVED

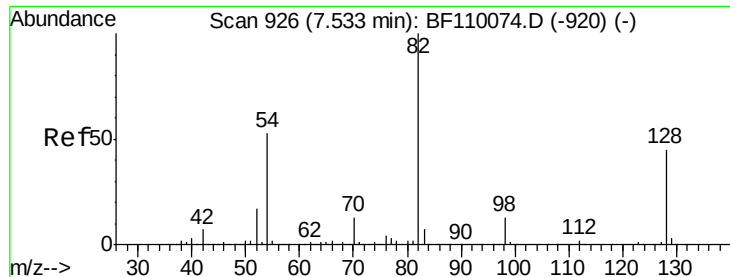
Sohil
11/6/2018 9:00:51 AM



#22
Acetophenone
Concen: 42.820 ng
RT: 7.36 min Scan# 897
Delta R.T. -0.01 min
Lab File: BF110456.D
Acq: 5 Nov 2018 11:11

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	342664		
71	8.5	5.2	7.8#	
51	32.6	21.8	32.8	
120	22.0	17.0	25.4	





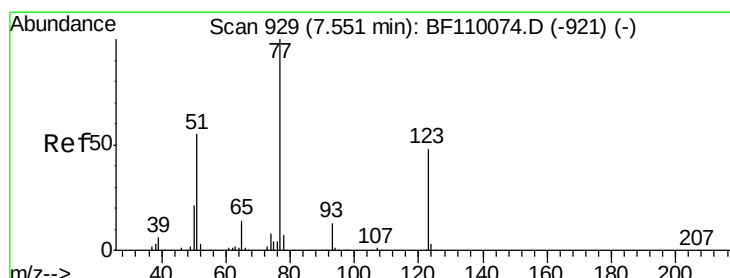
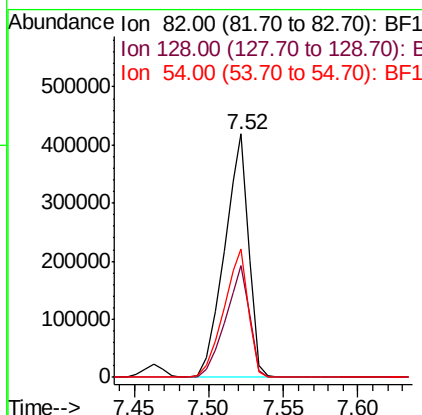
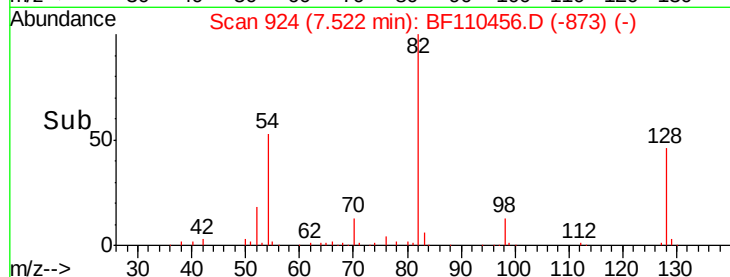
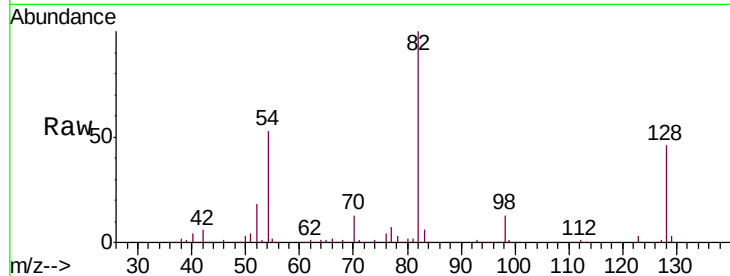
#23
 Nitrobenzene-d5
 Concen: 81.930 ng
 RT: 7.52 min Scan# 924
 Delta R.T. 0.00 min
 Lab File: BF110456.D
 Acq: 5 Nov 2018 11:11

Instrument :
 BNA_F
 ClientSampled :
 PB114382BS

Tgt Ion	Ratio	Resp	Lower	Upper
82	100	479723		
128	45.9	34.2	51.2	
54	52.7	38.6	58.0	

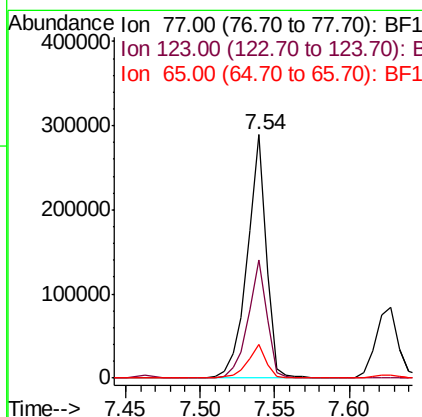
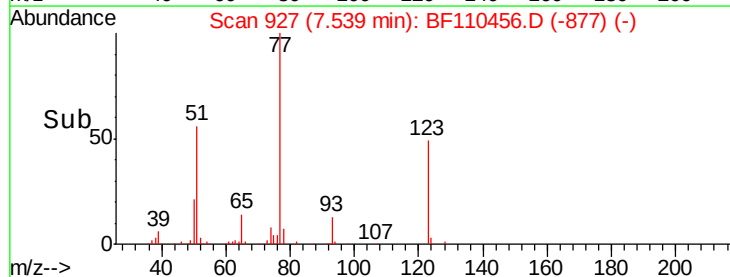
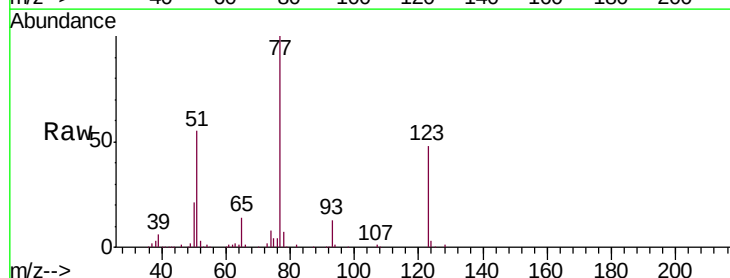
Manual Integrations
 APPROVED

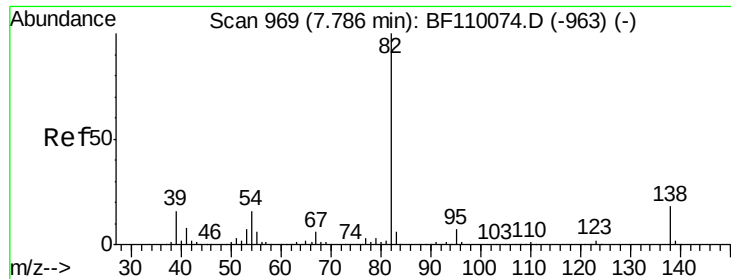
Sohil
 11/6/2018 9:00:51 AM



#24
 Nitrobenzene
 Concen: 42.160 ng
 RT: 7.54 min Scan# 927
 Delta R.T. -0.01 min
 Lab File: BF110456.D
 Acq: 5 Nov 2018 11:11

Tgt Ion	Ratio	Resp	Lower	Upper
77	100	254864		
123	48.4	35.7	53.5	
65	13.9	10.7	16.1	





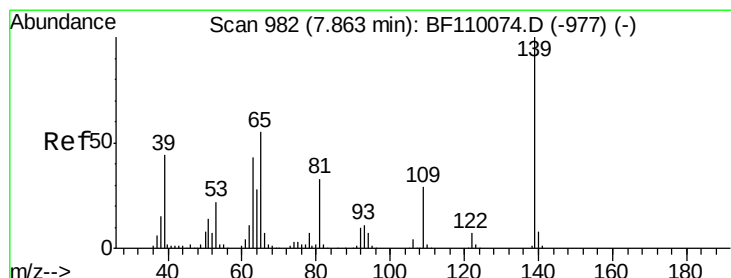
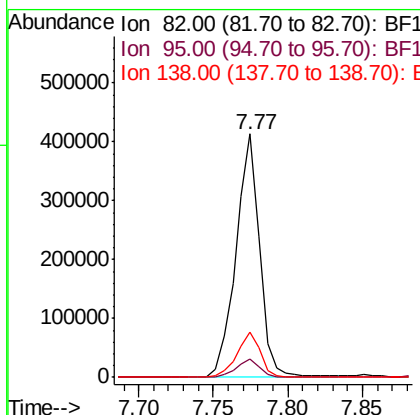
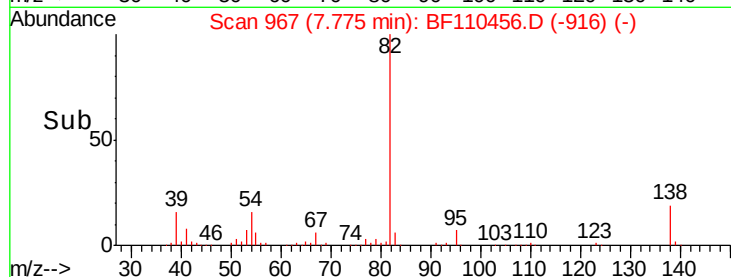
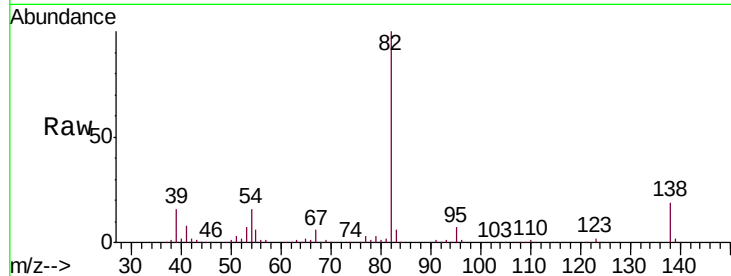
#25
Isophorone
Concen: 46.254 ng
RT: 7.77 min Scan# 967
Delta R.T. 0.00 min
Lab File: BF110456.D
Acq: 5 Nov 2018 11:11

Instrument :
BNA_F
ClientSampleId :
PB114382BS

Tgt Ion	Ratio	Resp	Lower	Upper
82	100	461661		
95	7.4	5.7	8.5	
138	18.6	13.2	19.8	

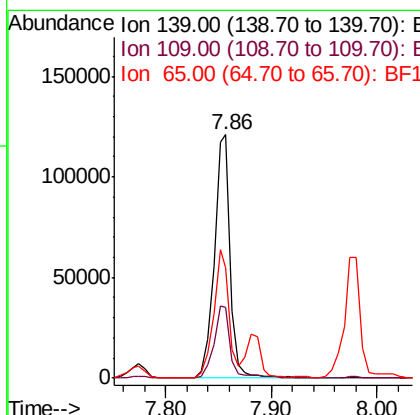
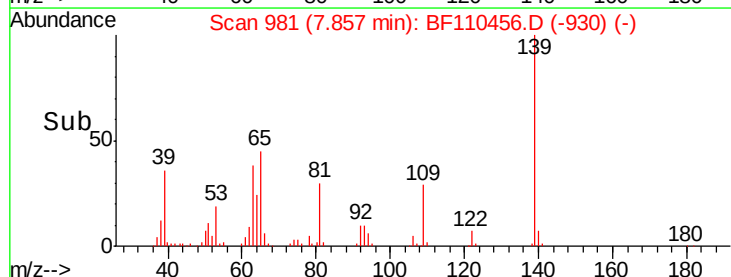
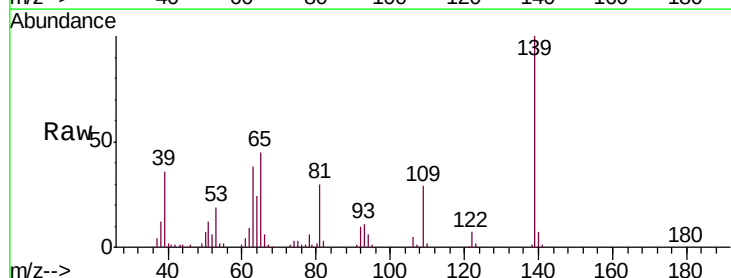
Manual Integrations
APPROVED

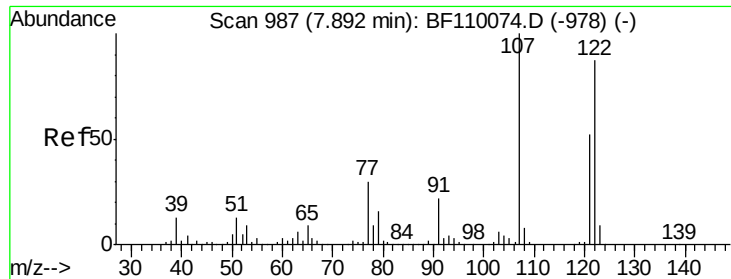
Sohil
11/6/2018 9:00:51 AM



#26
2-Nitrophenol
Concen: 45.063 ng
RT: 7.86 min Scan# 981
Delta R.T. 0.00 min
Lab File: BF110456.D
Acq: 5 Nov 2018 11:11

Tgt Ion	Ratio	Resp	Lower	Upper
139	100	129633		
109	29.0	25.0	37.6	
65	45.3	44.0	66.0	





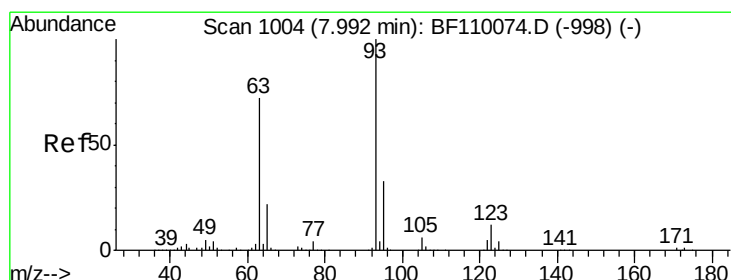
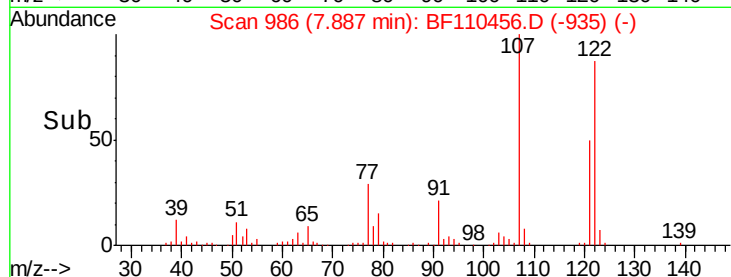
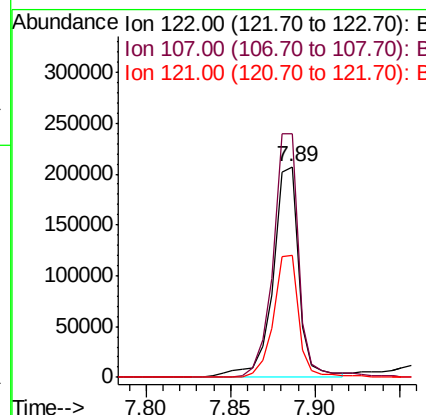
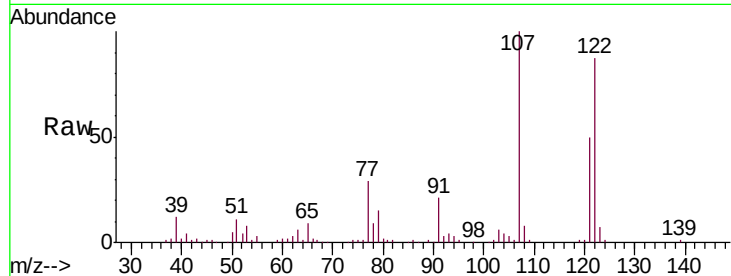
#27
2,4-Dimethylphenol
Concen: 46.349 ng
RT: 7.89 min Scan# 986
Delta R.T. 0.00 min
Lab File: BF110456.D
Acq: 5 Nov 2018 11:11

Instrument :
BNA_F
ClientSampleId :
PB114382BS

Tgt Ion	Ratio	Resp	Lower	Upper
122	100	221057		
107	115.5	92.5	138.7	
121	58.2	45.8	68.8	

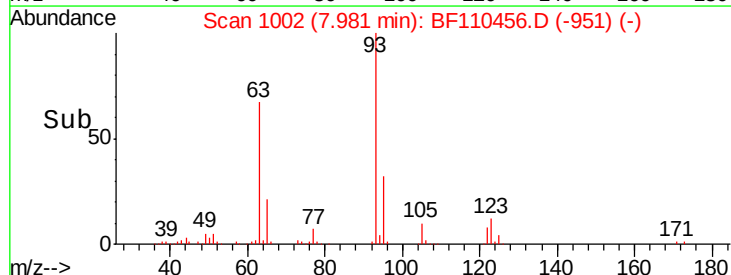
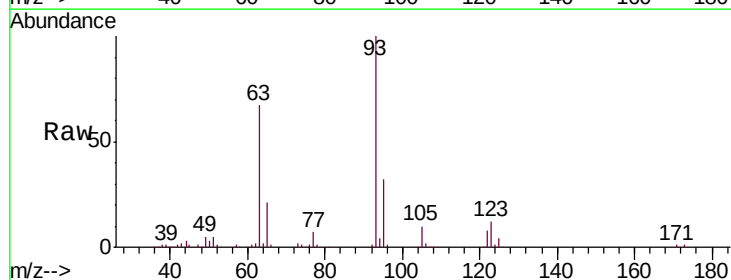
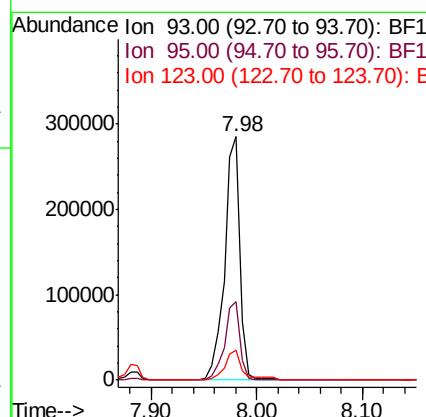
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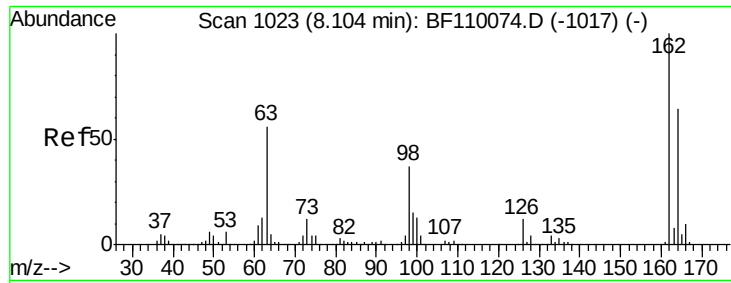
Sohil
11/6/2018 9:00:51 AM



#28
bis(2-Chloroethoxy)methane
Concen: 43.014 ng
RT: 7.98 min Scan# 1002
Delta R.T. 0.00 min
Lab File: BF110456.D
Acq: 5 Nov 2018 11:11

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	291650		
95	32.3	26.4	39.6	
123	12.2	9.0	13.6	





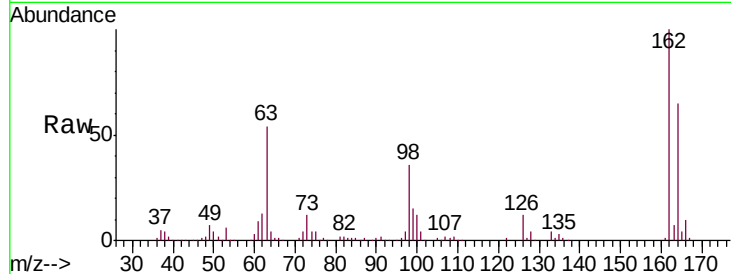
#29
2,4-Dichlorophenol
Concen: 42.199 ng
RT: 8.10 min Scan# 1022
Delta R.T. 0.00 min
Lab File: BF110456.D
Acq: 5 Nov 2018 11:11

Instrument :
BNA_F
ClientSampleId :
PB114382BS

Tgt Ion	Ratio	Resp Lower	Resp Upper
162	100		
164	65.4	44.6	84.6
98	35.7	17.4	57.4

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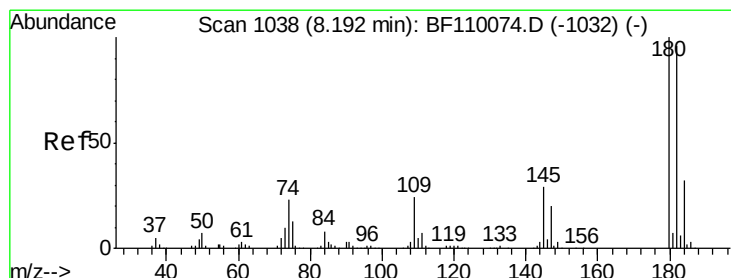
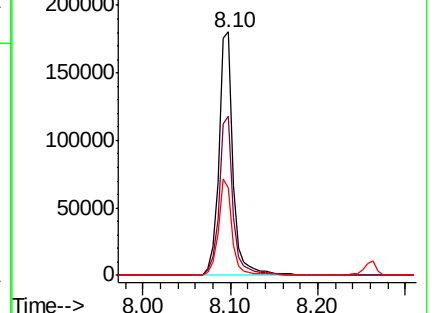
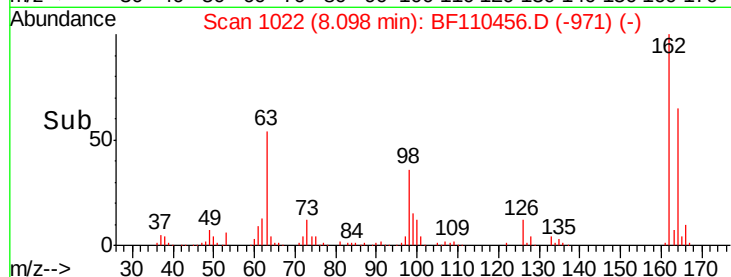


Abundance

Ion 162.00 (161.70 to 162.70): E

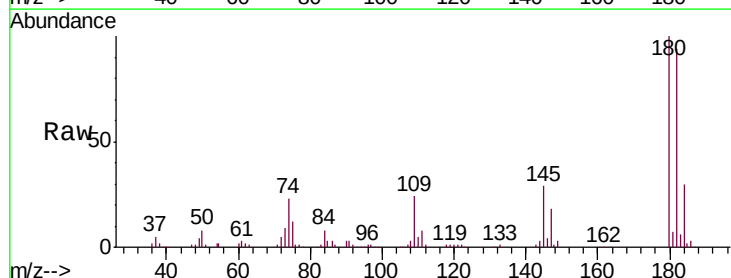
Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BF1



#30
1,2,4-Trichlorobenzene
Concen: 41.126 ng
RT: 8.18 min Scan# 1036
Delta R.T. 0.00 min
Lab File: BF110456.D
Acq: 5 Nov 2018 11:11

Tgt Ion	Ratio	Resp Lower	Resp Upper
180	100		
182	93.6	80.3	120.5
145	29.1	25.4	38.0

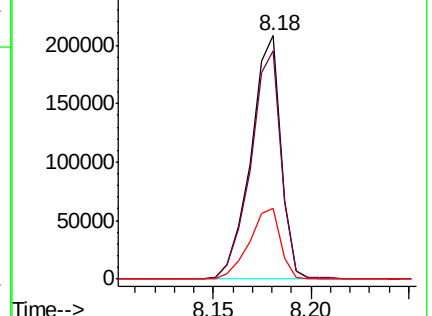
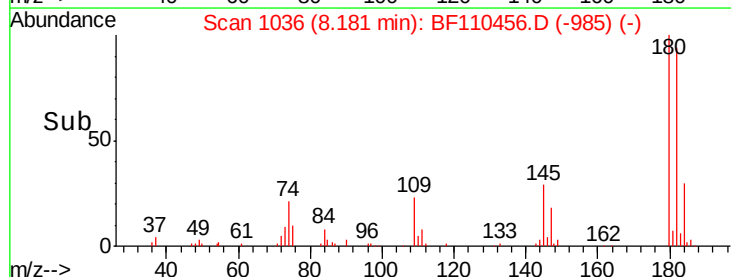


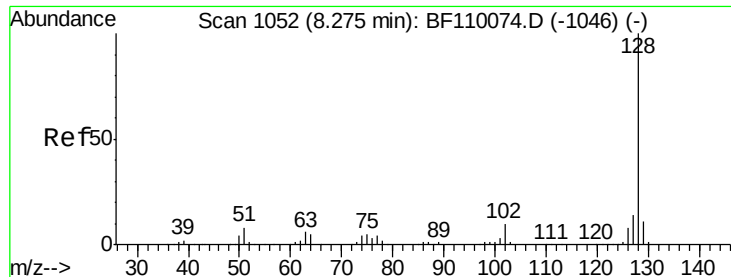
Abundance

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





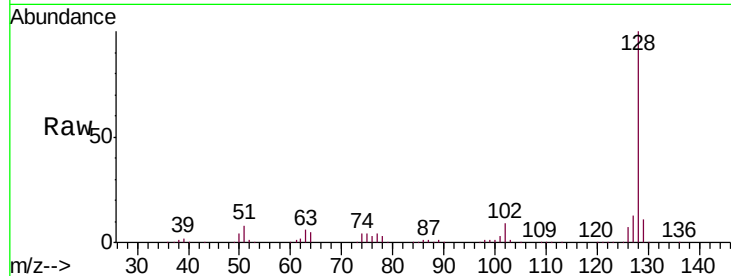
#31
Naphthalene
Concen: 44.653 ng
RT: 8.26 min Scan# 1050
Delta R.T. 0.00 min
Lab File: BF110456.D
Acq: 5 Nov 2018 11:11

Instrument :
BNA_F
ClientSampleId :
PB114382BS

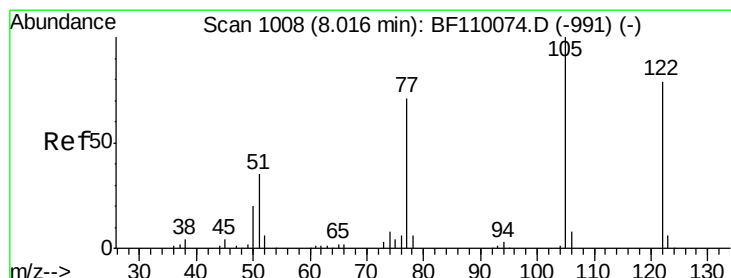
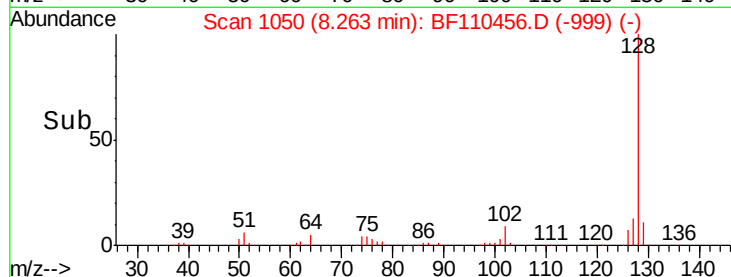
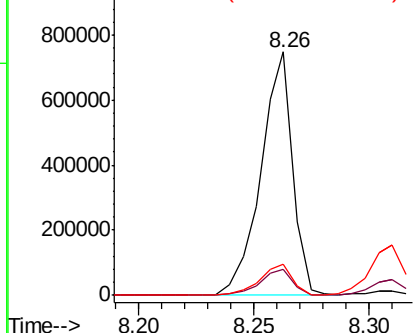
Tgt Ion	Ratio	Resp Lower	Resp Upper
128	100		
129	10.9	8.8	13.2
127	13.0	10.8	16.2

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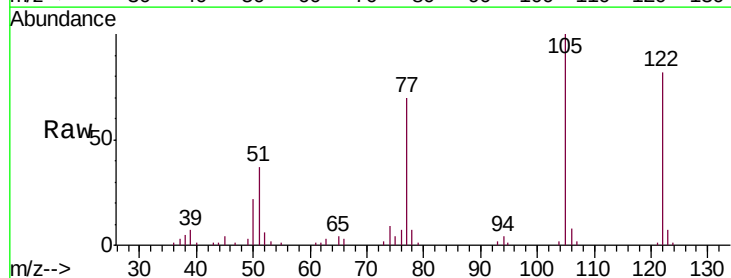


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

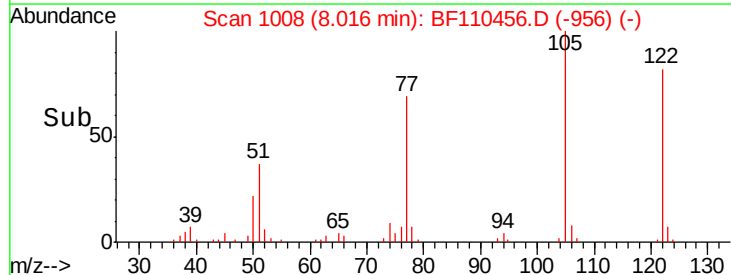
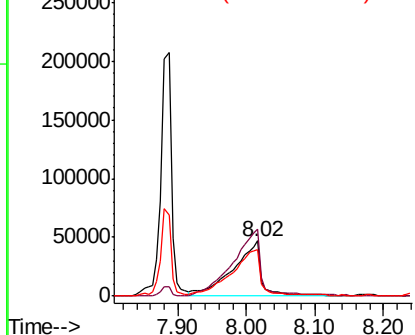


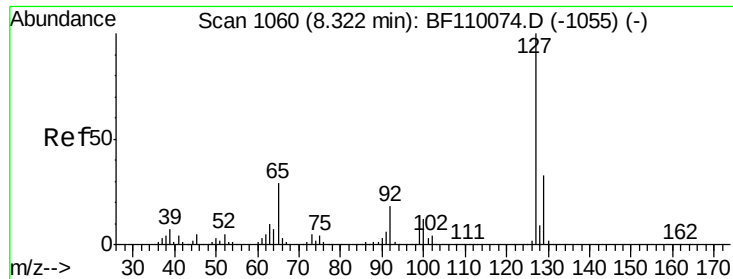
#32
Benzoic acid
Concen: 35.991 ng
RT: 8.02 min Scan# 1008
Delta R.T. 0.01 min
Lab File: BF110456.D
Acq: 5 Nov 2018 11:11

Tgt Ion	Ratio	Resp Lower	Resp Upper
122	100		
105	121.8	109.0	149.0
77	85.0	79.0	119.0



Abundance Ion 122.00 (121.70 to 122.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BF1





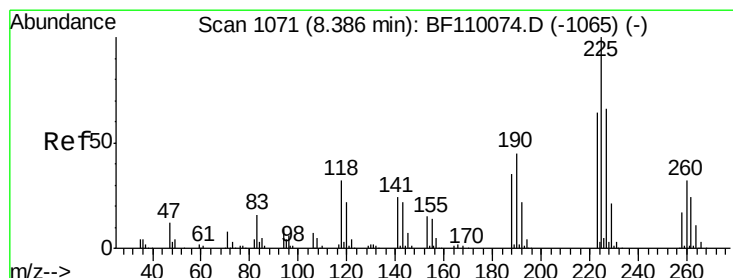
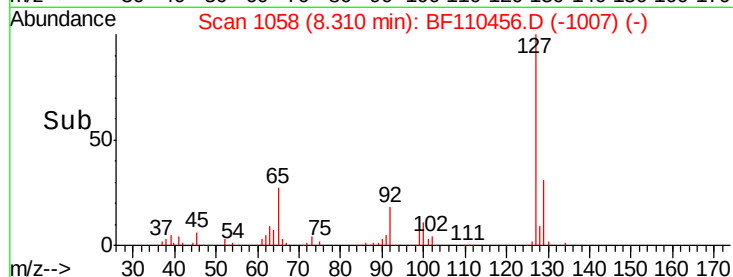
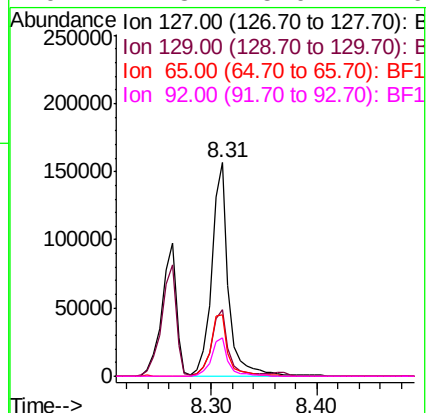
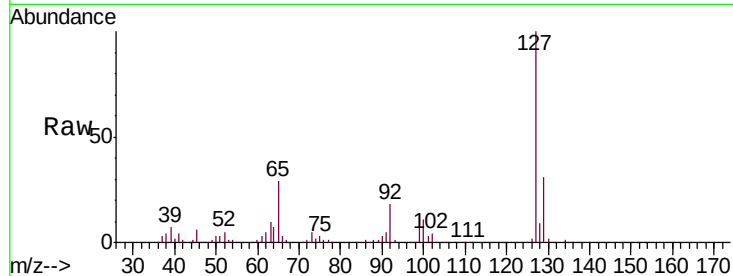
#33
4-Chloroaniline
Concen: 23.942 ng
RT: 8.31 min Scan# 1058
Delta R.T. 0.00 min
Lab File: BF110456.D
Acq: 5 Nov 2018 11:11

Instrument :
BNA_F
ClientSampleId :
PB114382BS

Tgt Ion	Ratio	Resp	Lower	Upper
127	100	172471		
129	31.2	26.0	39.0	
65	28.7	25.1	37.7	
92	17.8	15.0	22.6	

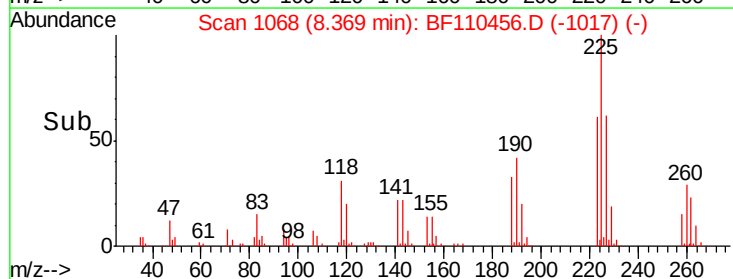
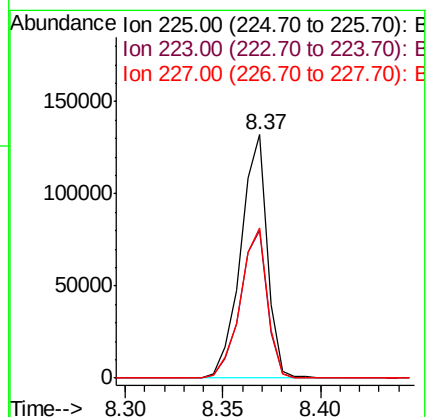
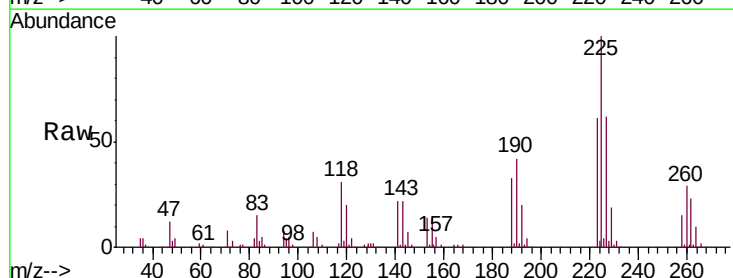
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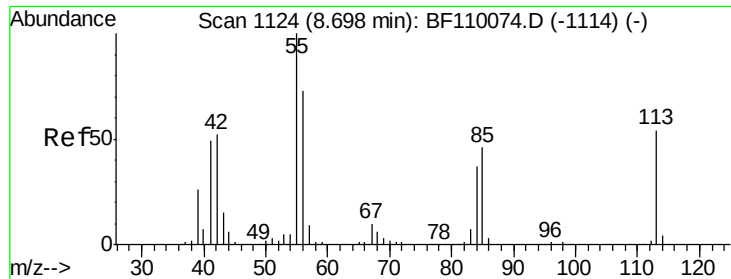
Sohil
11/6/2018 9:00:51 AM



#34
Hexachlorobutadiene
Concen: 41.565 ng
RT: 8.37 min Scan# 1068
Delta R.T. 0.00 min
Lab File: BF110456.D
Acq: 5 Nov 2018 11:11

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	124562		
223	60.8	51.4	77.2	
227	61.7	51.0	76.6	





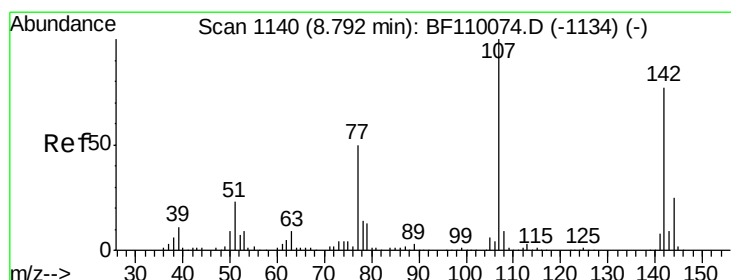
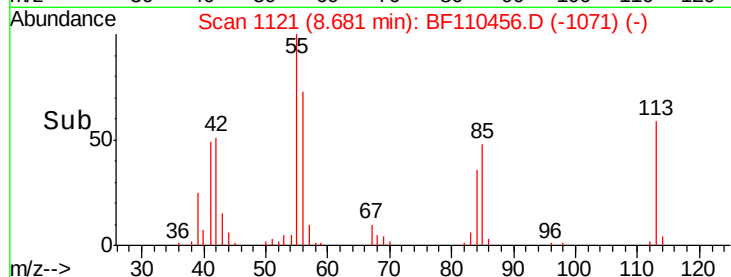
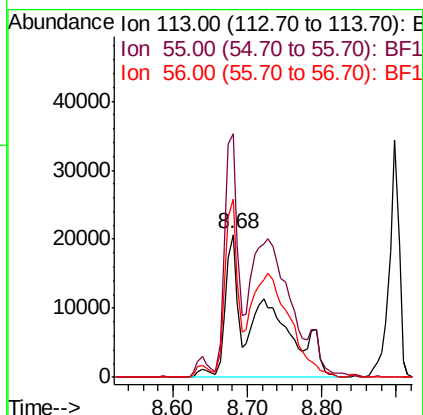
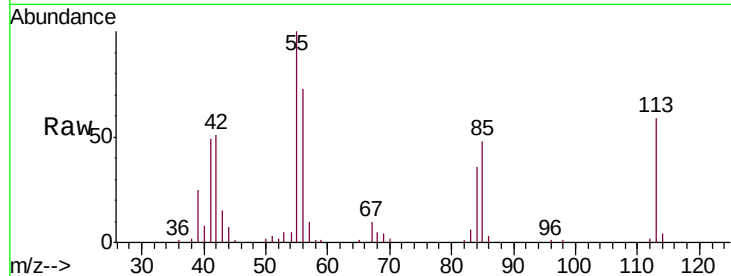
#35
 Caprolactam
 Concen: 41.369 ng m
 RT: 8.68 min Scan# 1121
 Delta R.T. -0.01 min
 Lab File: BF110456.D
 Acq: 5 Nov 2018 11:11

Instrument :
 BNA_F
 ClientSampleId :
 PB114382BS

Tgt Ion:113 Resp: 69476
 Ion Ratio Lower Upper
 113 100
 55 170.7 142.8 182.8
 56 125.3 105.0 145.0

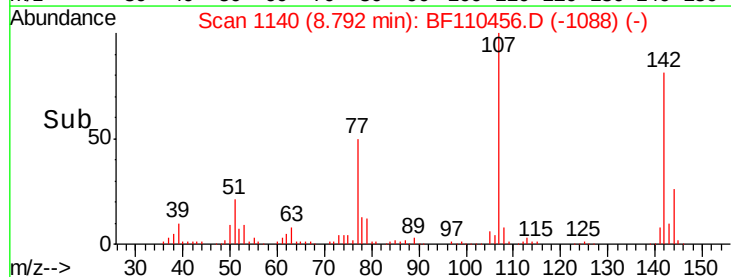
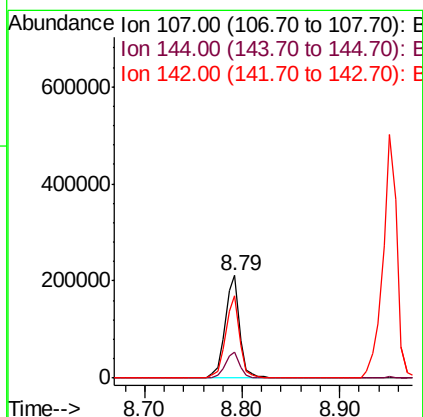
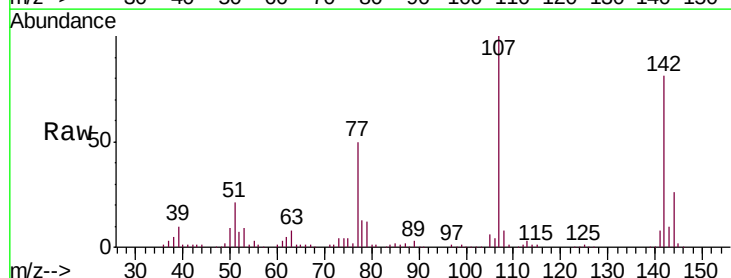
Manual Integrations
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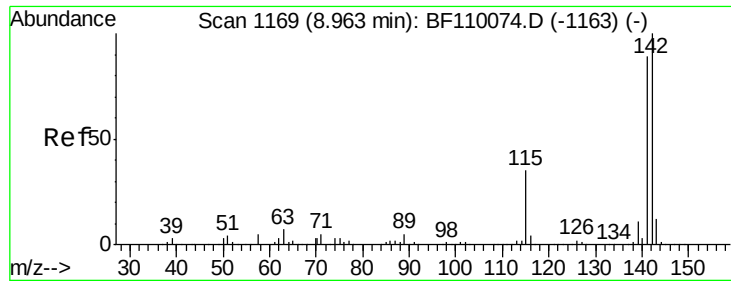
Sohil
 11/6/2018 9:00:51 AM



#36
 4-Chloro-3-methylphenol
 Concen: 41.943 ng
 RT: 8.79 min Scan# 1140
 Delta R.T. 0.01 min
 Lab File: BF110456.D
 Acq: 5 Nov 2018 11:11

Tgt Ion:107 Resp: 218543
 Ion Ratio Lower Upper
 107 100
 144 25.7 20.0 30.0
 142 80.8 59.7 89.5





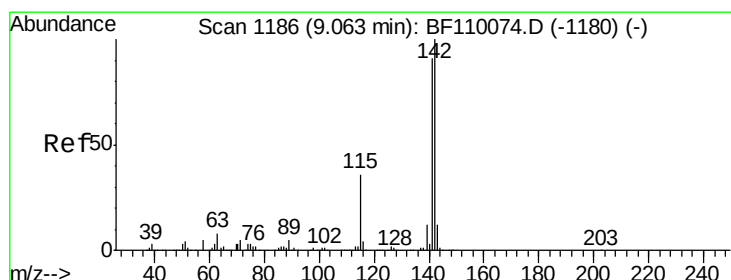
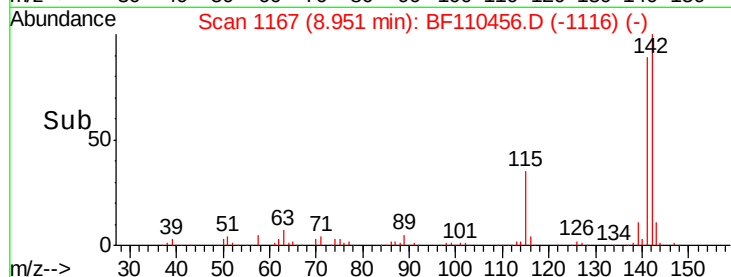
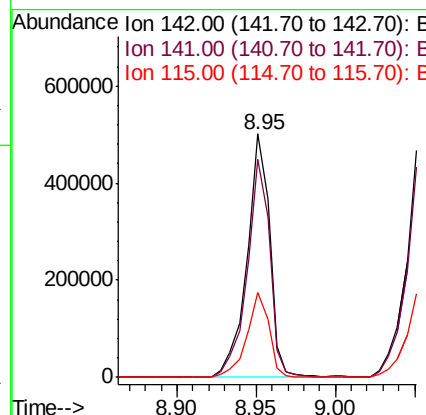
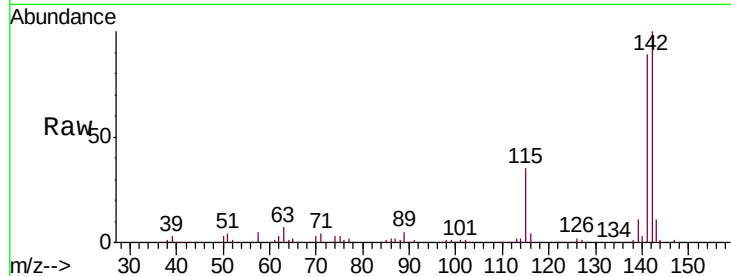
#37
 2-Methylnaphthalene
 Concen: 47.002 ng
 RT: 8.95 min Scan# 1167
 Delta R.T. 0.00 min
 Lab File: BF110456.D
 Acq: 5 Nov 2018 11:11

Instrument :
 BNA_F
 ClientSampleId :
 PB114382BS

Tgt Ion	Ratio	Resp	Lower	Upper
142	100	497773		
141	89.5	71.4	107.2	
115	35.0	28.7	43.1	

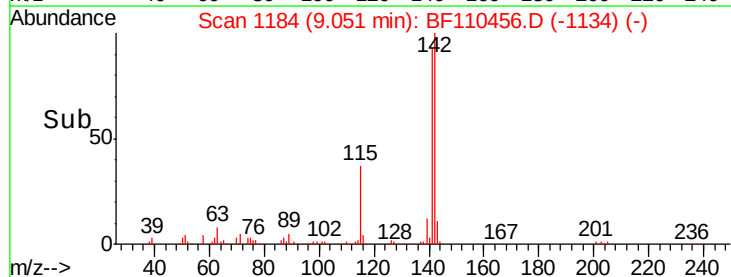
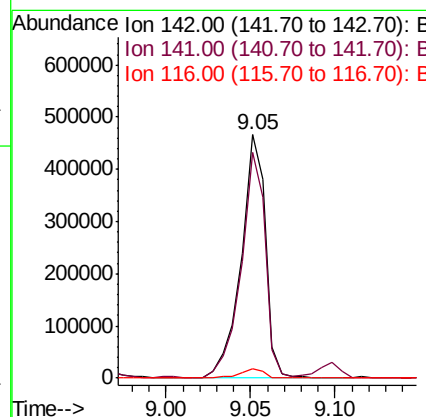
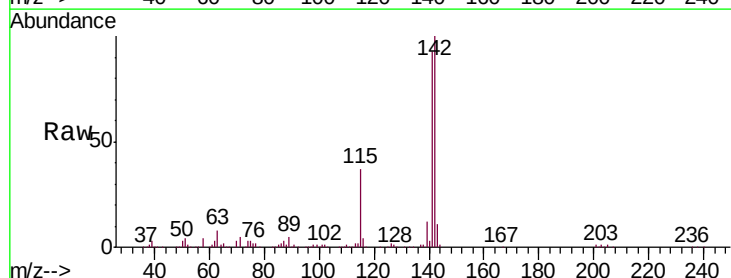
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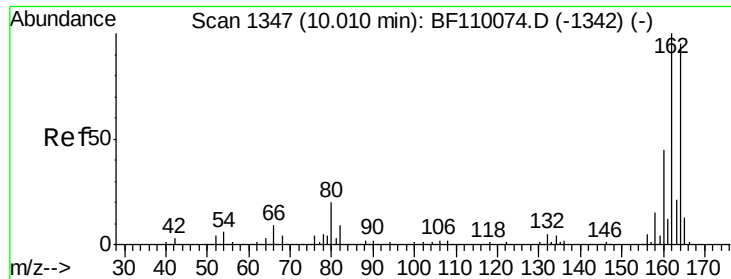
Sohil
 11/6/2018 9:00:51 AM



#38
 1-Methylnaphthalene
 Concen: 45.553 ng
 RT: 9.05 min Scan# 1184
 Delta R.T. -0.01 min
 Lab File: BF110456.D
 Acq: 5 Nov 2018 11:11

Tgt Ion	Ratio	Resp	Lower	Upper
142	100	466194		
141	92.9	74.2	111.4	
116	3.7	2.6	4.0	





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 10.00 min Scan# 1345

Delta R.T. 0.00 min

Lab File: BF110456.D

Acq: 5 Nov 2018 11:11

Instrument :

BNA_F

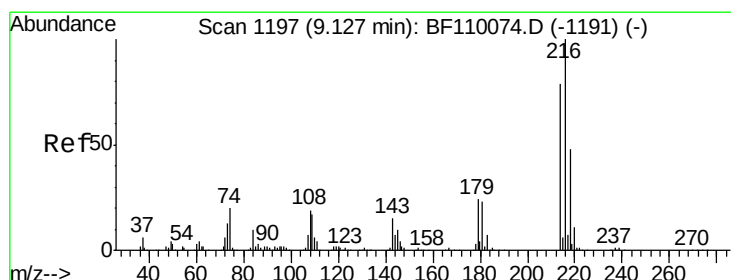
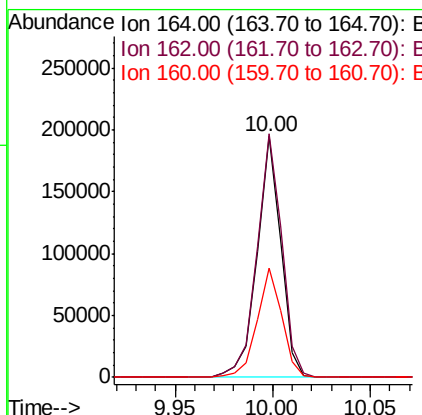
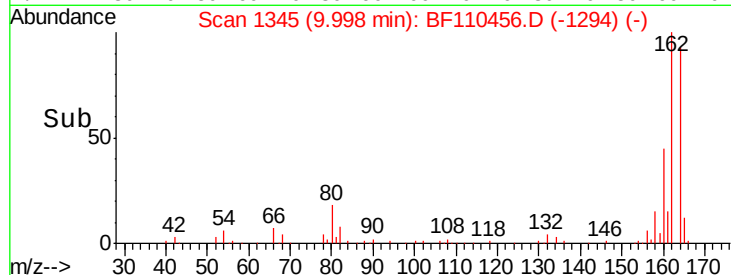
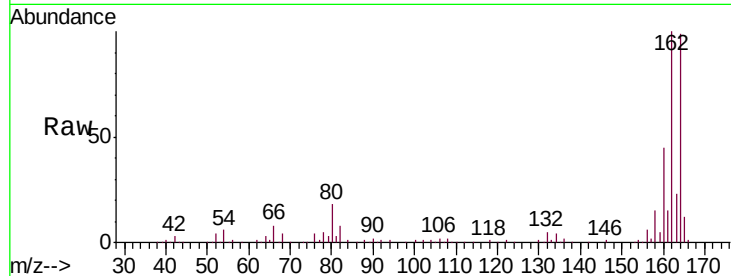
ClientSampled :

PB114382BS

Tgt Ion:	164	Resp:	164438
Ion Ratio	Lower	Upper	
164	100		
162	101.1	83.0	124.6
160	45.3	37.0	55.6

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#40

1,2,4,5-Tetrachlorobenzene

Concen: 41.385 ng

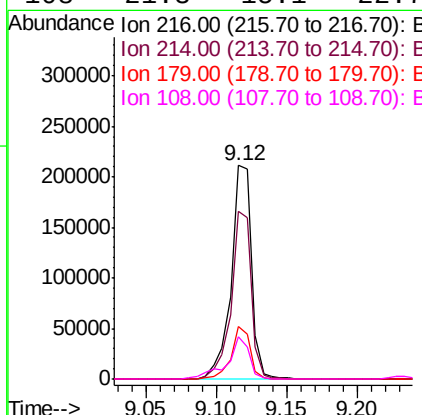
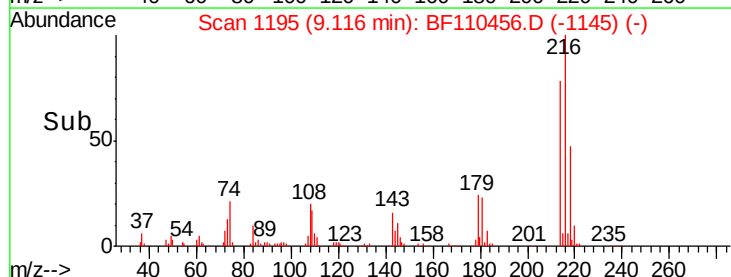
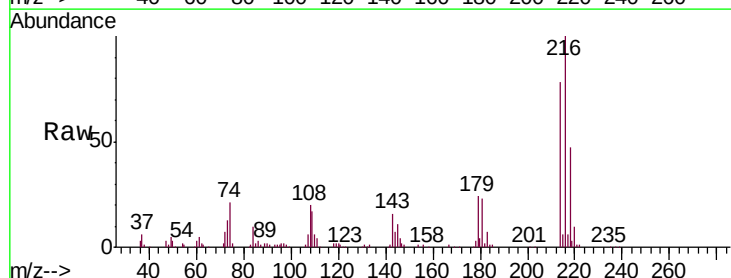
RT: 9.12 min Scan# 1195

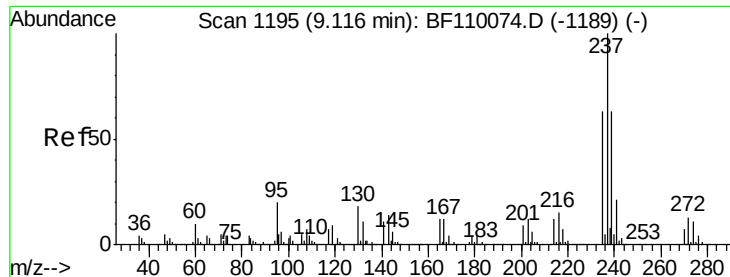
Delta R.T. -0.01 min

Lab File: BF110456.D

Acq: 5 Nov 2018 11:11

Tgt Ion:	216	Resp:	212040
Ion Ratio	Lower	Upper	
216	100		
214	77.3	63.8	95.6
179	22.8	16.6	25.0
108	21.3	15.1	22.7





#41

Hexachlorocyclopentadiene

Concen: 73.157 ng

RT: 9.10 min Scan# 1192

Delta R.T. 0.00 min

Lab File: BF110456.D

Acq: 5 Nov 2018 11:11

Instrument :

BNA_F

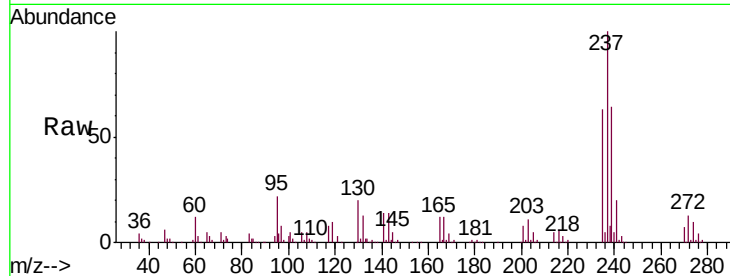
ClientSampleId :

PB114382BS

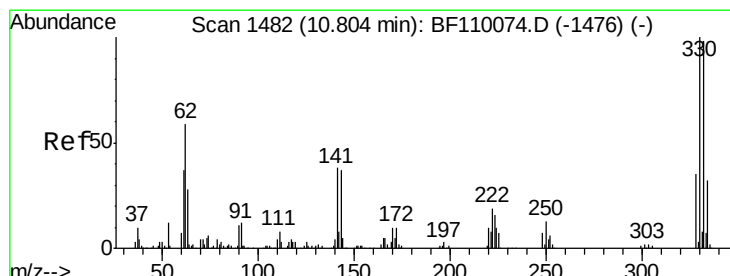
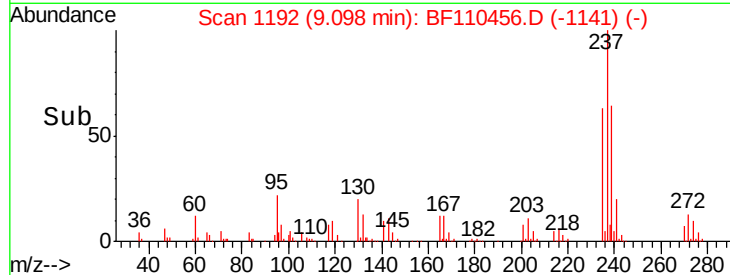
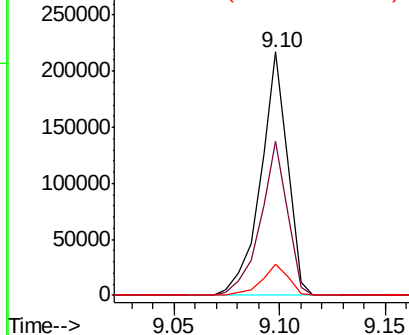
Tgt Ion:	237	Resp:	191660
Ion Ratio		Lower	Upper
237	100		
235	63.1	43.1	83.1
272	12.8	0.0	32.6

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Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E



#42

2,4,6-Tribromophenol

Concen: 146.739 ng

RT: 10.80 min Scan# 1481

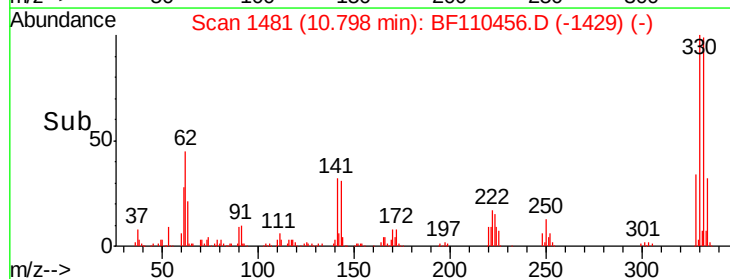
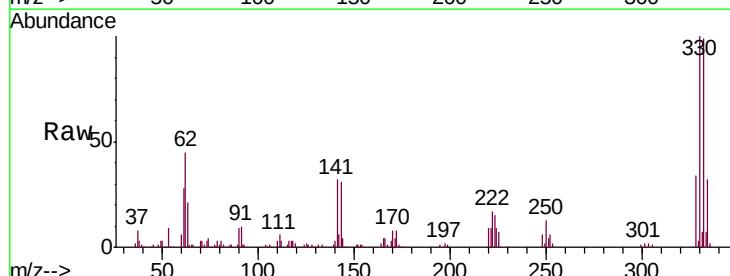
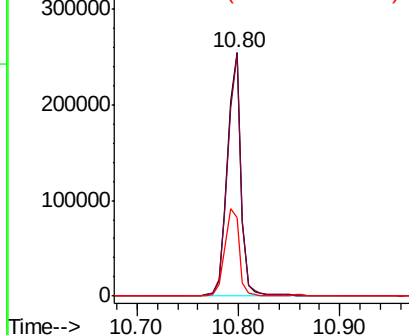
Delta R.T. 0.01 min

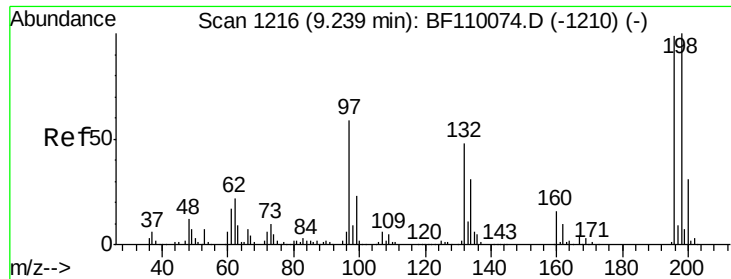
Lab File: BF110456.D

Acq: 5 Nov 2018 11:11

Tgt Ion:	330	Resp:	239019
Ion Ratio		Lower	Upper
330	100		
332	98.5	77.1	115.7
141	38.1	27.0	40.4

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





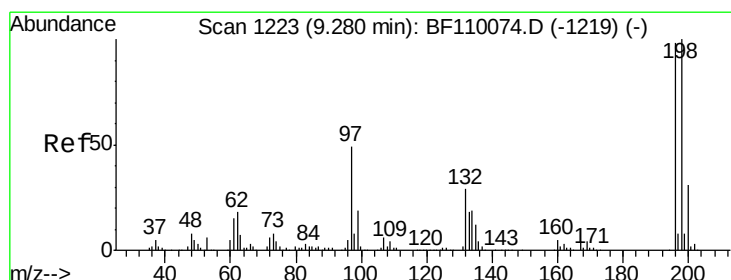
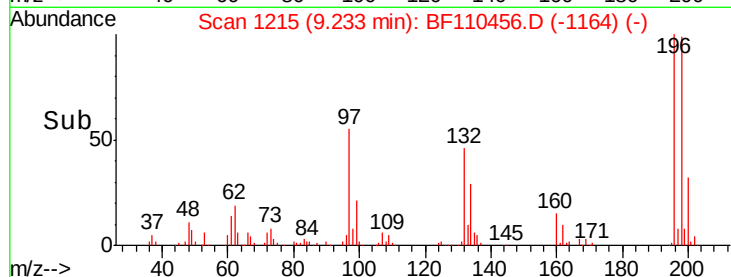
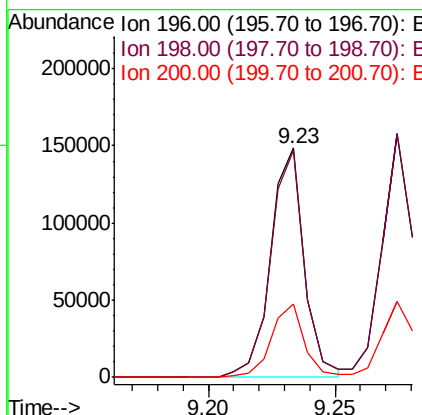
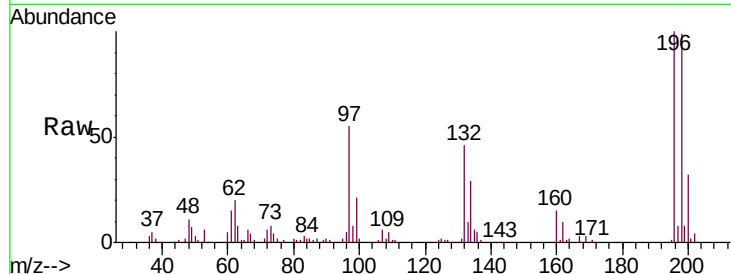
#43
2,4,6-Trichlorophenol
Concen: 41.878 ng
RT: 9.23 min Scan# 1215
Delta R.T. 0.00 min
Lab File: BF110456.D
Acq: 5 Nov 2018 11:11

Instrument :
BNA_F
ClientSampleId :
PB114382BS

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	138391		
198	98.8	76.2	114.4	
200	32.2	24.4	36.6	

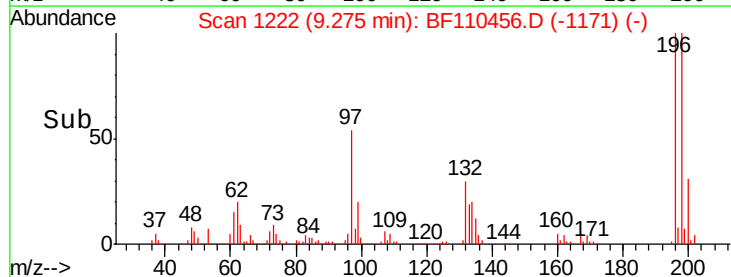
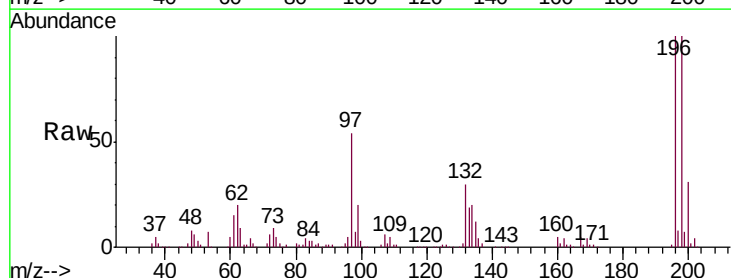
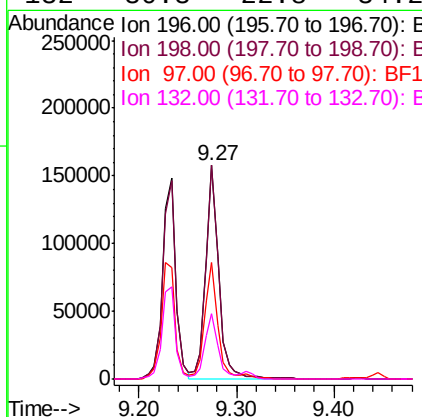
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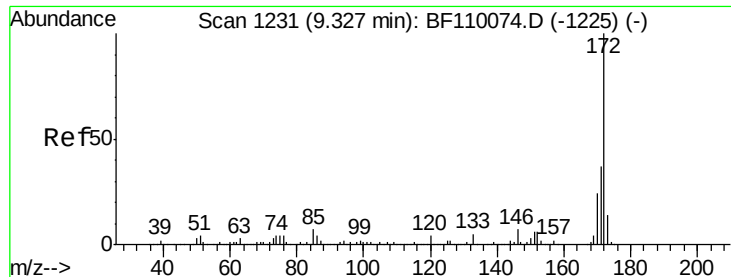
Sohil
11/6/2018 9:00:51 AM



#44
2,4,5-Trichlorophenol
Concen: 42.707 ng
RT: 9.27 min Scan# 1222
Delta R.T. 0.00 min
Lab File: BF110456.D
Acq: 5 Nov 2018 11:11

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	149182		
198	100.0	75.8	113.6	
97	54.4	42.4	63.6	
132	30.3	22.8	34.2	





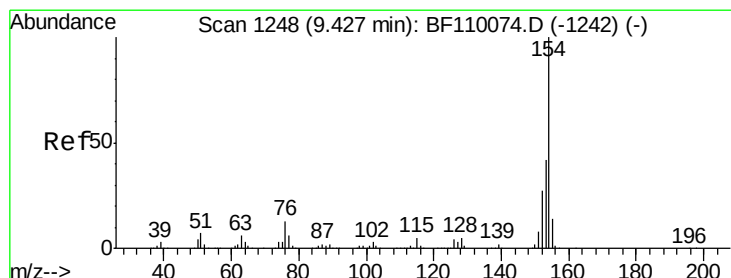
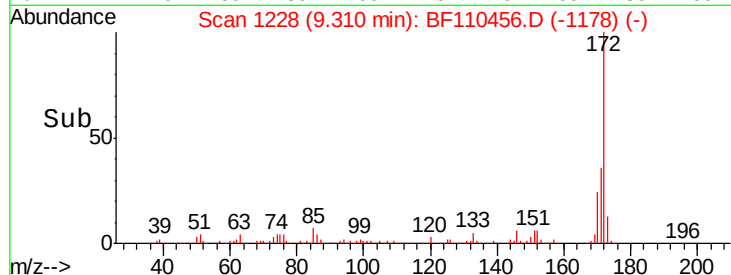
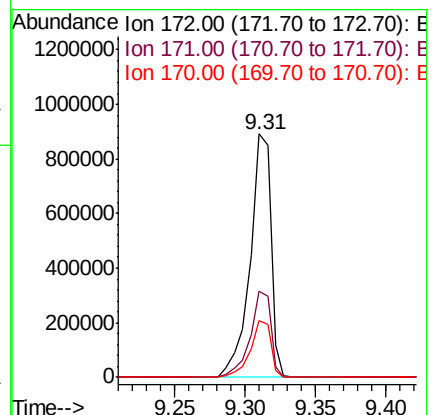
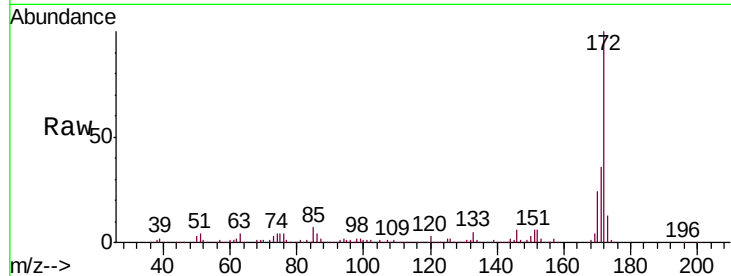
#45
 2-Fluorobiphenyl
 Concen: 88.407 ng
 RT: 9.31 min Scan# 1228
 Delta R.T. -0.01 min
 Lab File: BF110456.D
 Acq: 5 Nov 2018 11:11

Instrument :
 BNA_F
 ClientSampleId :
 PB114382BS

Tgt Ion	Ratio	Resp Lower	Resp Upper
172	100		
171	35.6	28.6	43.0
170	23.6	19.7	29.5

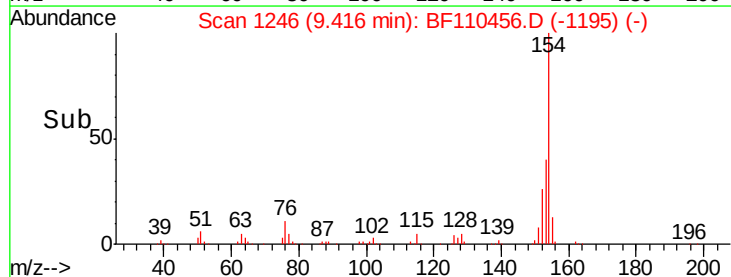
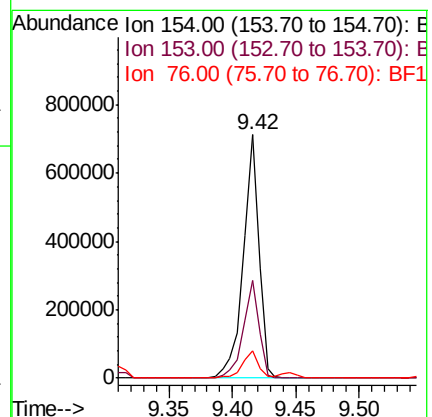
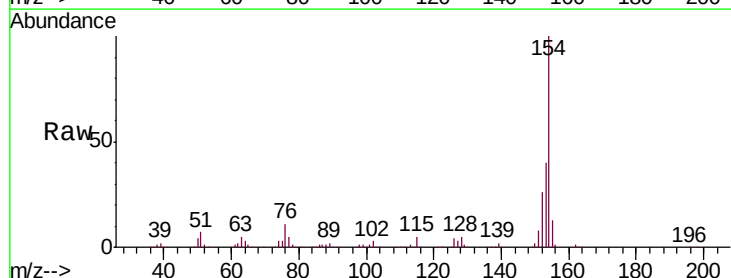
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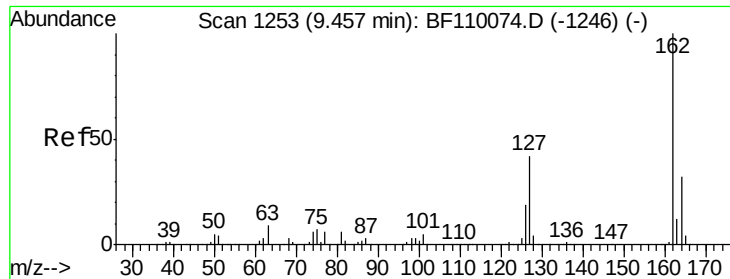
Sohil
 11/6/2018 9:00:51 AM



#46
 1,1'-Biphenyl
 Concen: 40.498 ng
 RT: 9.42 min Scan# 1246
 Delta R.T. 0.00 min
 Lab File: BF110456.D
 Acq: 5 Nov 2018 11:11

Tgt Ion	Ratio	Resp Lower	Resp Upper
154	100		
153	39.9	20.4	60.4
76	11.1	0.0	31.9





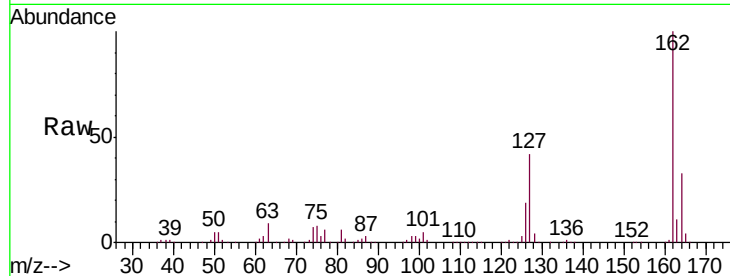
#47
 2-Chloronaphthalene
 Concen: 41.450 ng
 RT: 9.45 min Scan# 1251
 Delta R.T. 0.00 min
 Lab File: BF110456.D
 Acq: 5 Nov 2018 11:11

Instrument :
 BNA_F
 ClientSampleId :
 PB114382BS

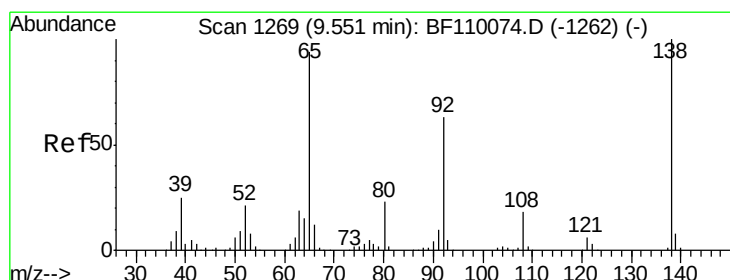
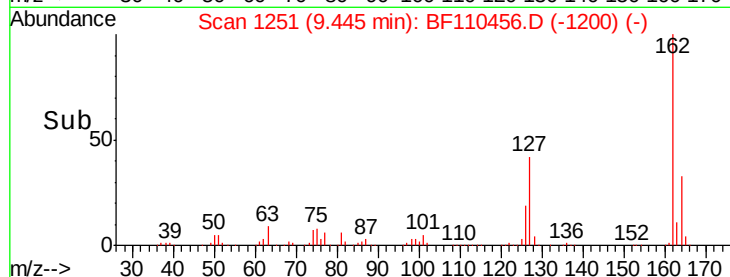
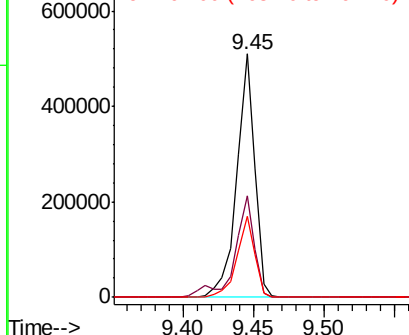
Tgt Ion	Ratio	Resp	Lower	Upper
162	100	452118		
127	41.6	32.6	48.8	
164	33.2	25.9	38.9	

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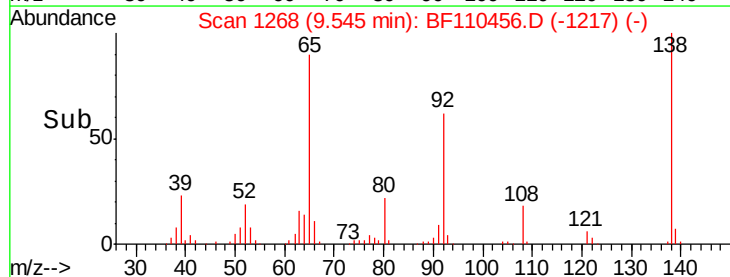
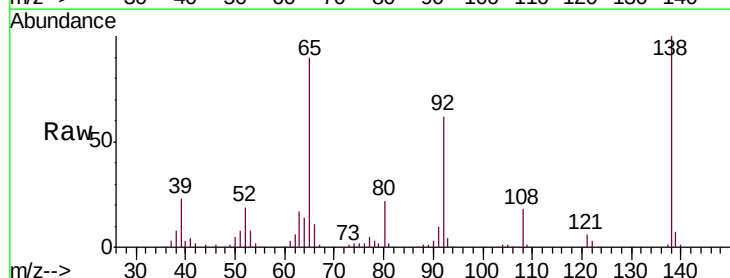
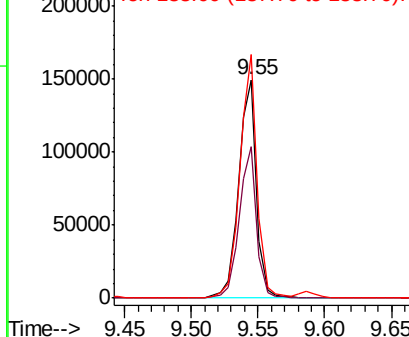
Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

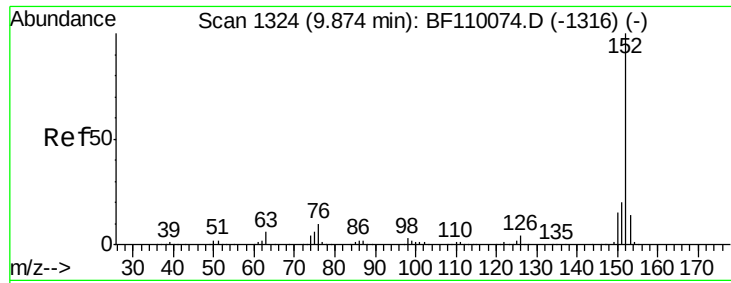


#48
 2-Nitroaniline
 Concen: 42.224 ng
 RT: 9.55 min Scan# 1268
 Delta R.T. 0.00 min
 Lab File: BF110456.D
 Acq: 5 Nov 2018 11:11

Tgt Ion	Ratio	Resp	Lower	Upper
65	100	139567		
92	69.4	54.6	81.8	
138	111.4	80.3	120.5	

Abundance Ion 65.00 (64.70 to 65.70): BF1
 Ion 92.00 (91.70 to 92.70): BF1
 Ion 138.00 (137.70 to 138.70): E





#49

Acenaphthylene

Concen: 44.728 ng

RT: 9.86 min Scan# 1322

Delta R.T. 0.00 min

Lab File: BF110456.D

Acq: 5 Nov 2018 11:11

Instrument :

BNA_F

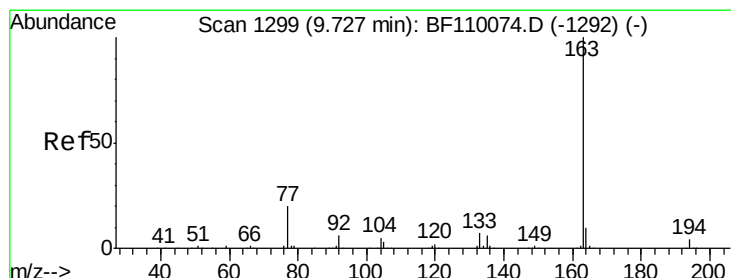
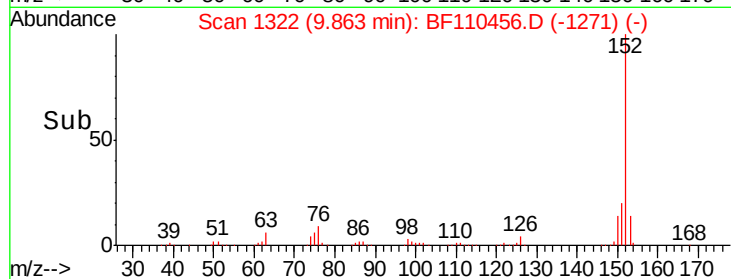
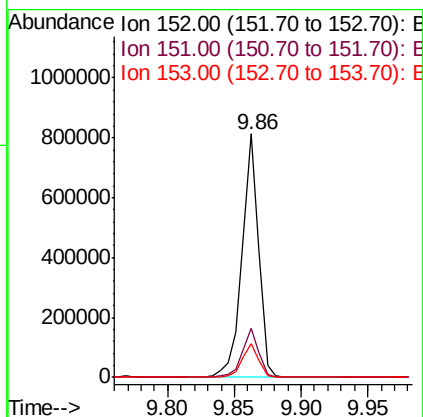
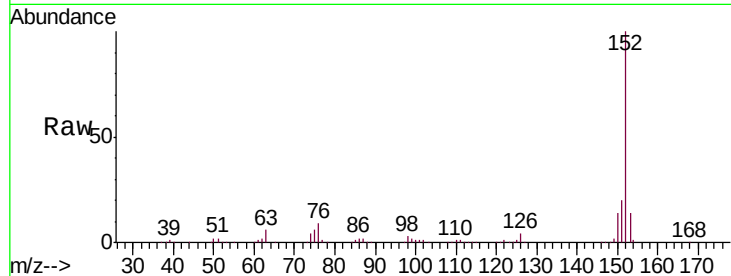
ClientSampleId :

PB114382BS

Tgt Ion:	152	Resp:	704666
Ion Ratio	Lower	Upper	
152	100		
151	20.2	15.8	23.8
153	13.8	10.4	15.6

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#50

Dimethylphthalate

Concen: 42.741 ng

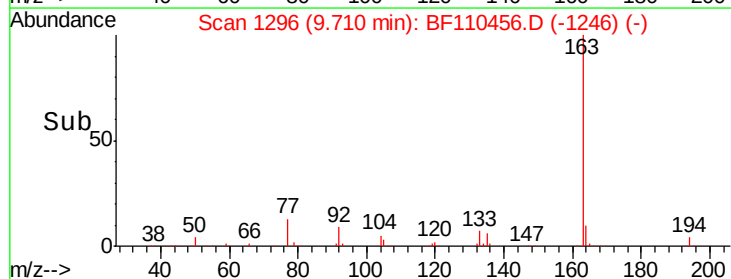
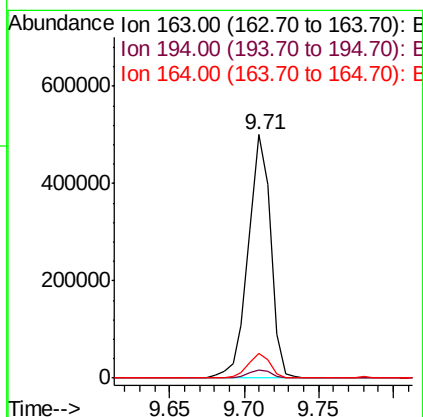
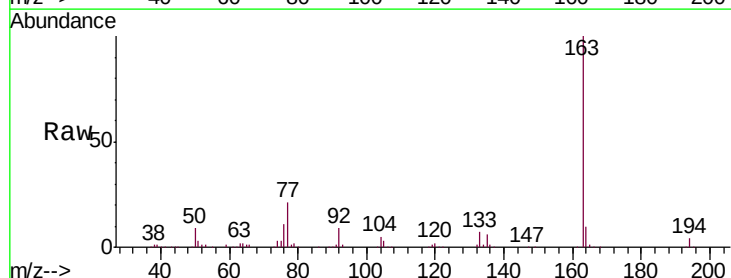
RT: 9.71 min Scan# 1296

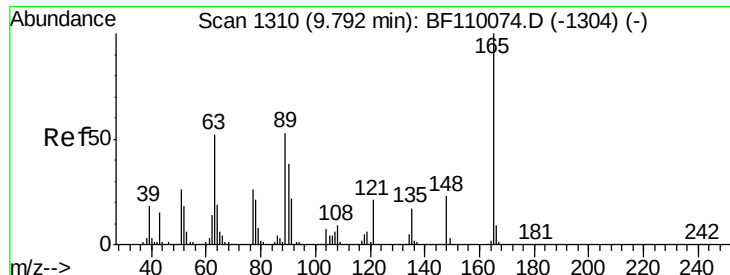
Delta R.T. -0.01 min

Lab File: BF110456.D

Acq: 5 Nov 2018 11:11

Tgt Ion:	163	Resp:	518812
Ion Ratio	Lower	Upper	
163	100		
194	3.5	3.2	4.8
164	10.1	8.1	12.1





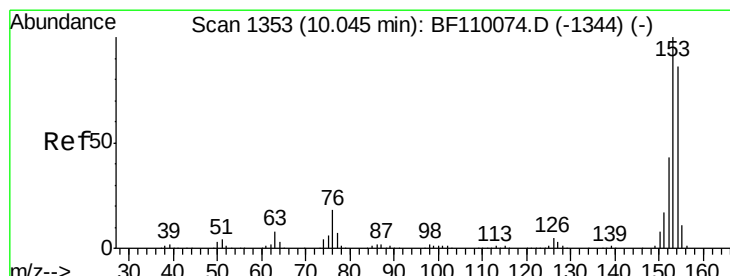
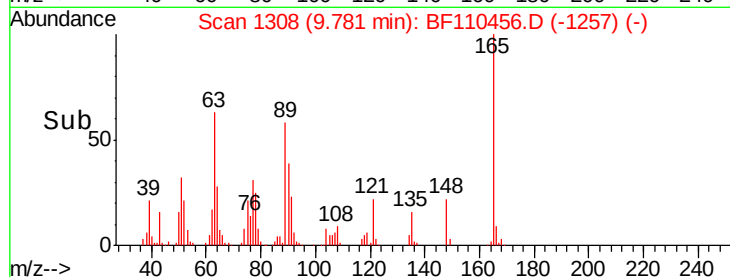
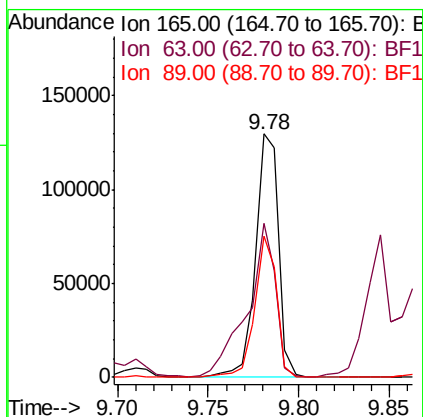
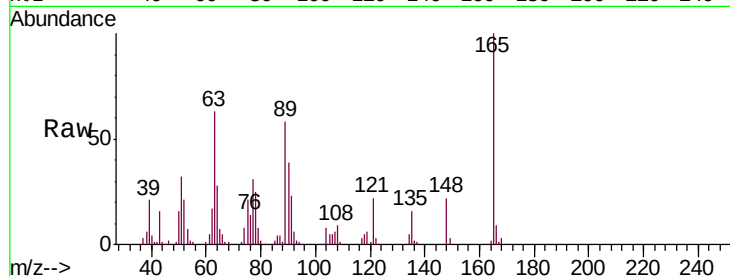
#51
 2,6-Dinitrotoluene
 Concen: 43.918 ng
 RT: 9.78 min Scan# 1308
 Delta R.T. 0.00 min
 Lab File: BF110456.D
 Acq: 5 Nov 2018 11:11

Instrument :
 BNA_F
 ClientSampleId :
 PB114382BS

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	114832		
63	63.1	48.9	73.3	
89	57.8	46.6	69.8	

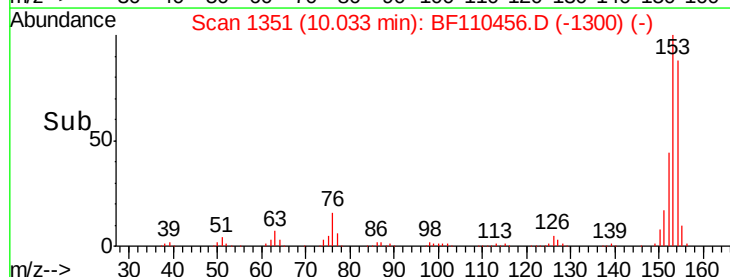
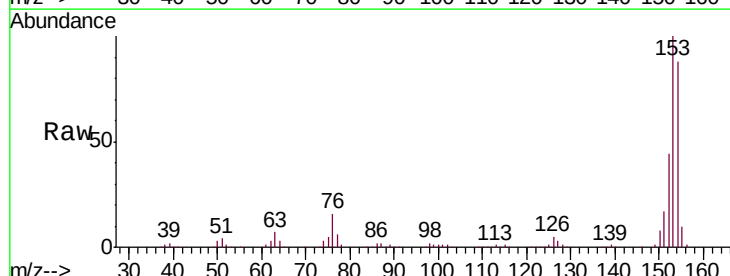
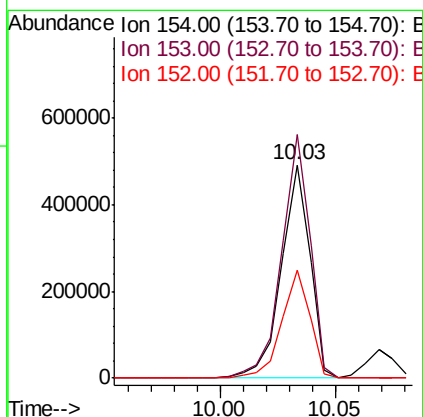
Manual Integrations
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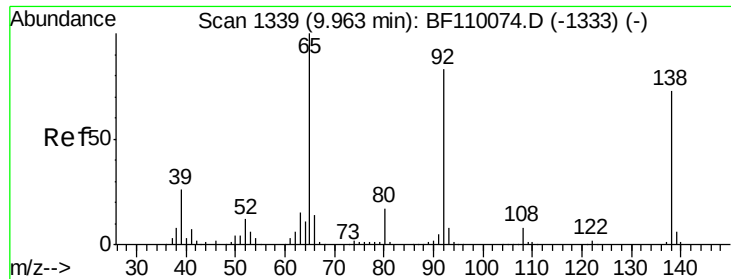
Sohil
 11/6/2018 9:00:51 AM



#52
 Acenaphthene
 Concen: 40.439 ng
 RT: 10.03 min Scan# 1351
 Delta R.T. 0.00 min
 Lab File: BF110456.D
 Acq: 5 Nov 2018 11:11

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	421468		
153	114.1	90.1	135.1	
152	50.5	43.4	65.2	





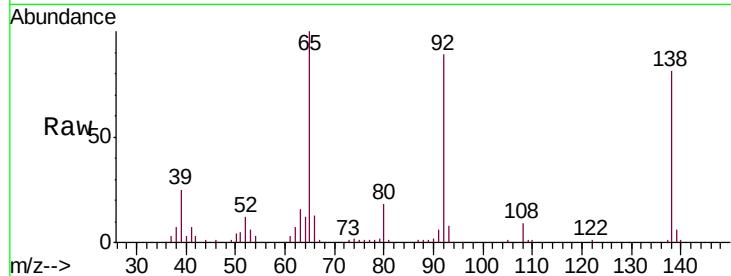
#53
3-Nitroaniline
Concen: 28.578 ng
RT: 9.96 min Scan# 1338
Delta R.T. 0.00 min
Lab File: BF110456.D
Acq: 5 Nov 2018 11:11

Instrument :
BNA_F
ClientSampled :
PB114382BS

Tgt Ion	Ratio	Lower	Upper
138	100		
108	10.5	8.7	13.1
92	110.0	97.0	145.4

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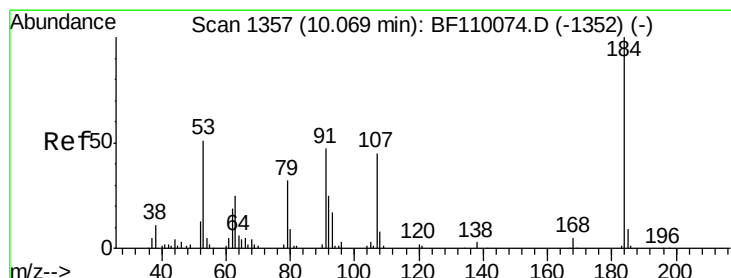
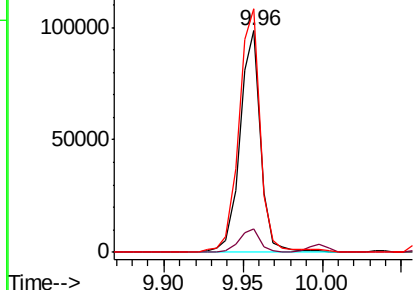
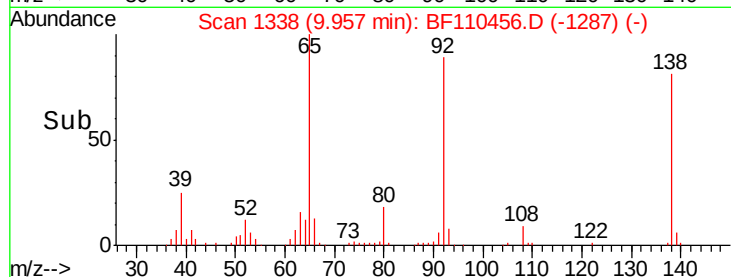


Abundance

Ion 138.00 (137.70 to 138.70): E

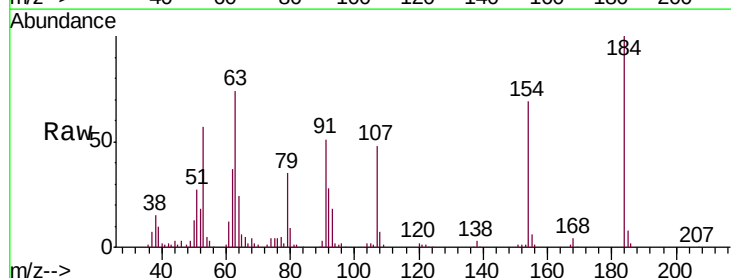
Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF1



#54
2,4-Dinitrophenol
Concen: 84.007 ng
RT: 10.07 min Scan# 1357
Delta R.T. 0.01 min
Lab File: BF110456.D
Acq: 5 Nov 2018 11:11

Tgt Ion	Ratio	Lower	Upper
184	100		
63	73.7	55.8	83.6
154	69.0	63.2	94.8

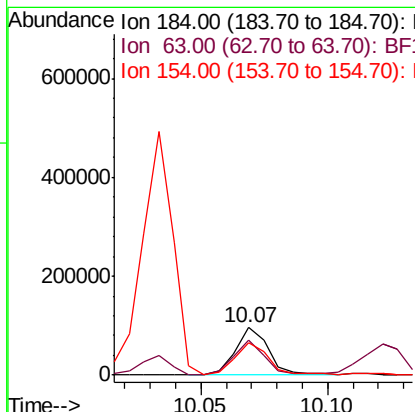
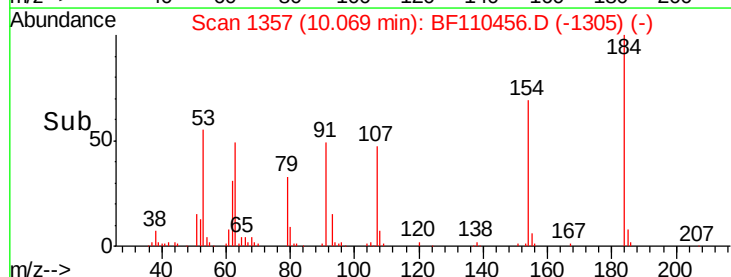


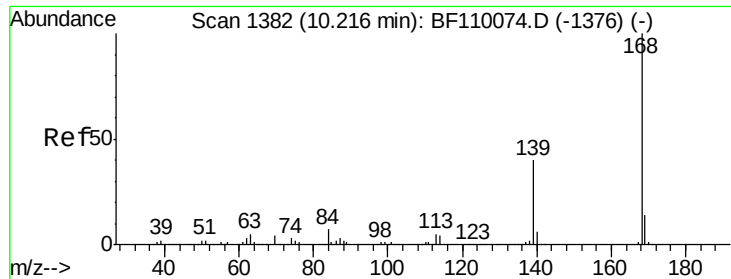
Abundance

Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 154.00 (153.70 to 154.70): E





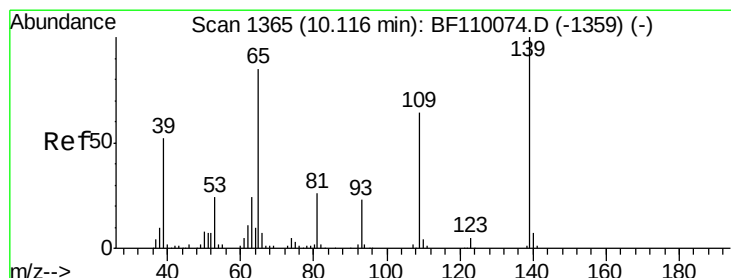
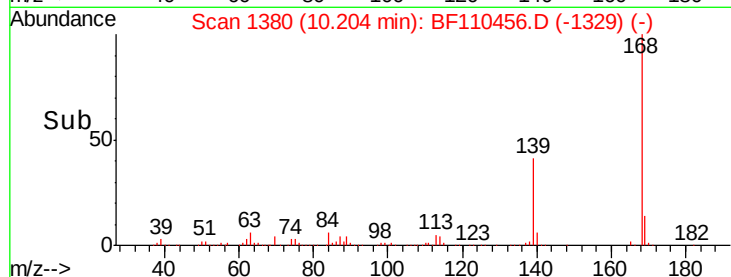
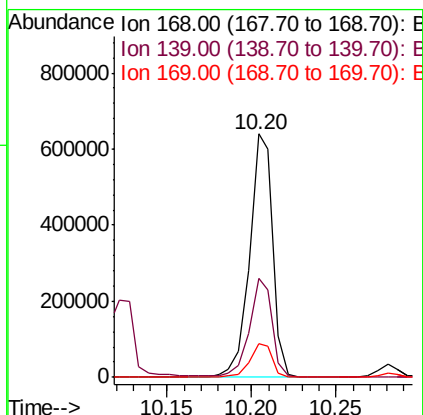
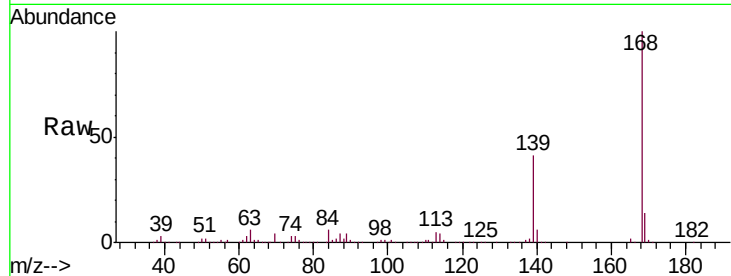
#55
Dibenzenofuran
Concen: 42.127 ng
RT: 10.20 min Scan# 1380
Delta R.T. 0.00 min
Lab File: BF110456.D
Acq: 5 Nov 2018 11:11

Instrument :
BNA_F
ClientSampleId :
PB114382BS

Tgt Ion	Ratio	Lower	Upper
168	100		
139	40.8	33.0	49.6
169	13.9	11.3	16.9

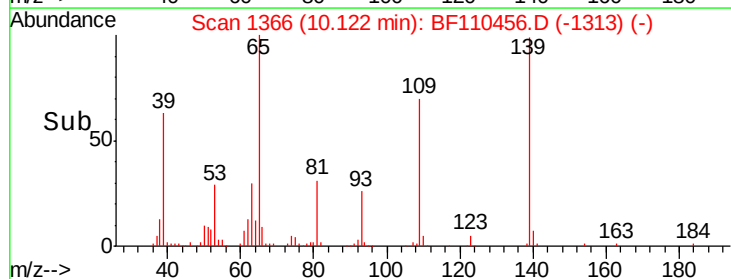
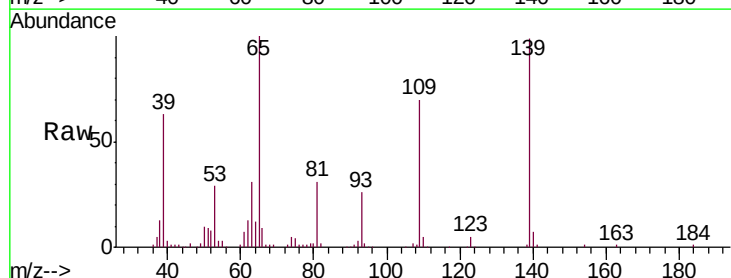
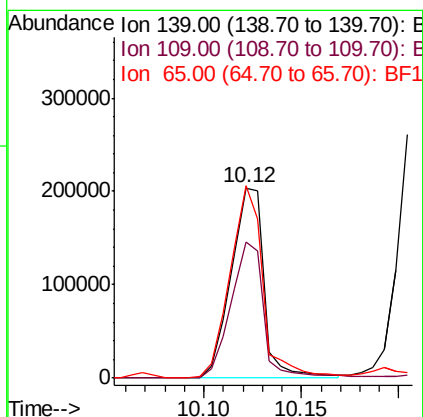
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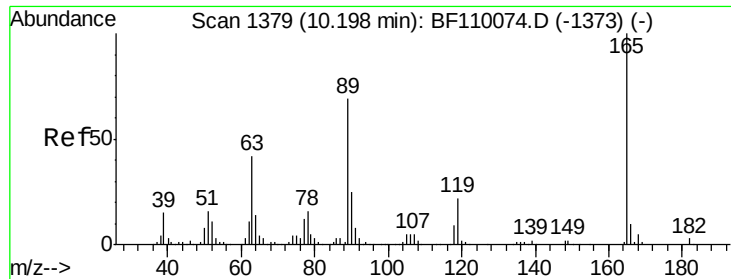
Sohil
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#56
4-Nitrophenol
Concen: 104.304 ng
RT: 10.12 min Scan# 1366
Delta R.T. 0.01 min
Lab File: BF110456.D
Acq: 5 Nov 2018 11:11

Tgt Ion	Ratio	Lower	Upper
139	100		
109	71.2	55.8	95.8
65	101.3	77.9	117.9





#57

2,4-Dinitrotoluene

Concen: 45.312 ng

RT: 10.19 min Scan# 1378

Delta R.T. 0.00 min

Lab File: BF110456.D

Acq: 5 Nov 2018 11:11

Instrument :

BNA_F

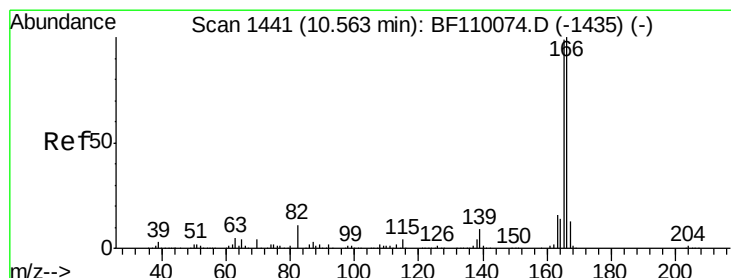
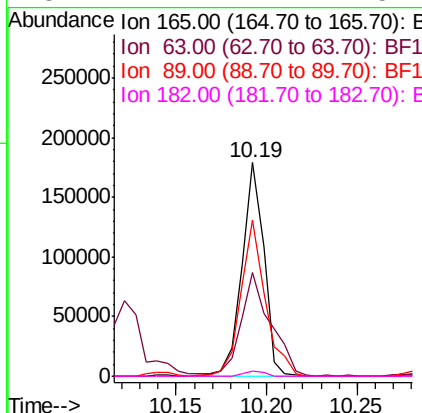
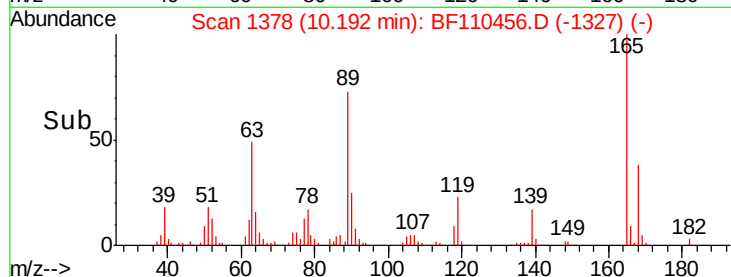
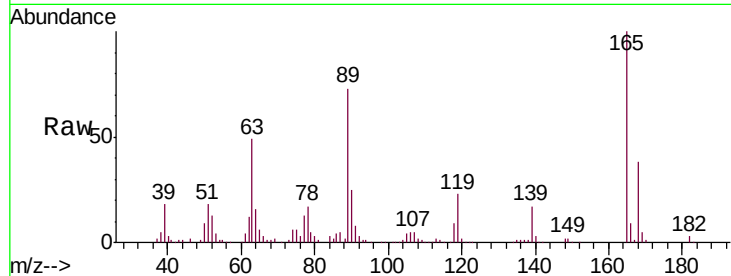
ClientSampleId :

PB114382BS

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	150486		
63	48.6	44.8	67.2	
89	73.2	62.2	93.4	
182	2.7	2.1	3.1	

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#58

Fluorene

Concen: 45.488 ng

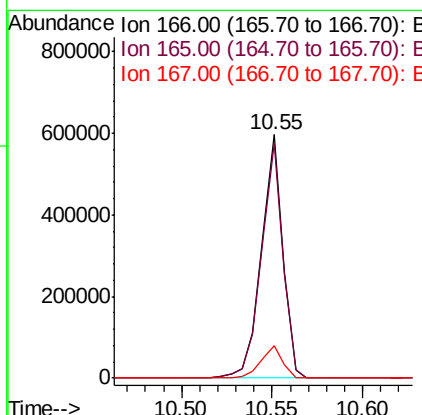
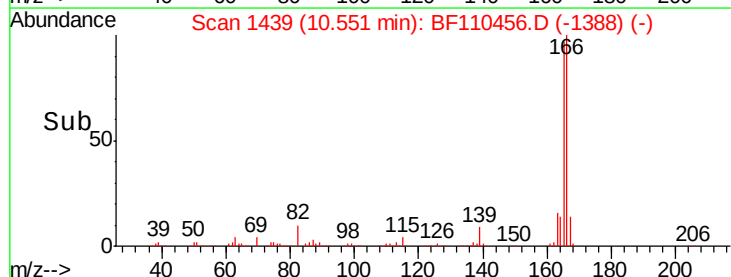
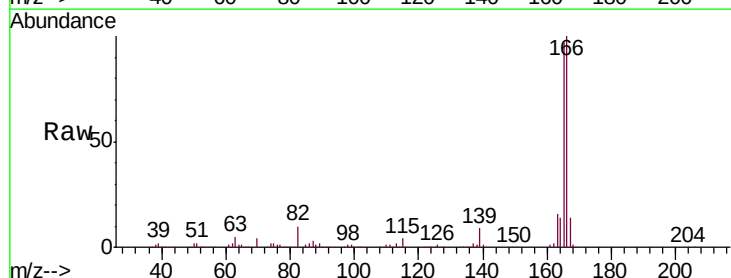
RT: 10.55 min Scan# 1439

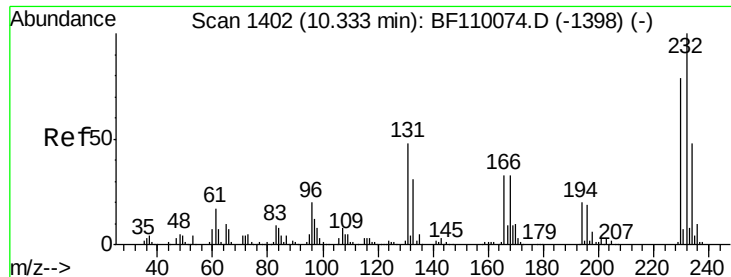
Delta R.T. 0.00 min

Lab File: BF110456.D

Acq: 5 Nov 2018 11:11

Tgt Ion	Ratio	Resp	Lower	Upper
166	100	494002		
165	96.6	78.6	117.8	
167	13.5	10.8	16.2	





#59

2,3,4,6-Tetrachlorophenol

Concen: 42.268 ng m

RT: 10.33 min Scan# 1401

Delta R.T. 0.01 min

Lab File: BF110456.D

Acq: 5 Nov 2018 11:11

Instrument :

BNA_F

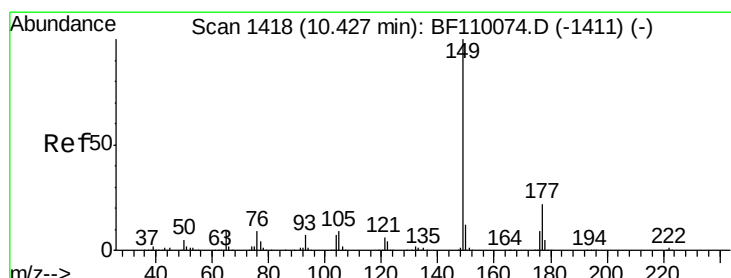
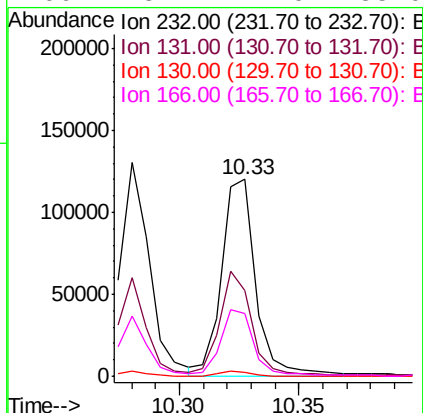
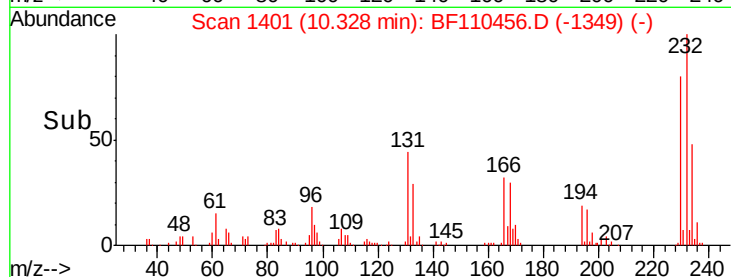
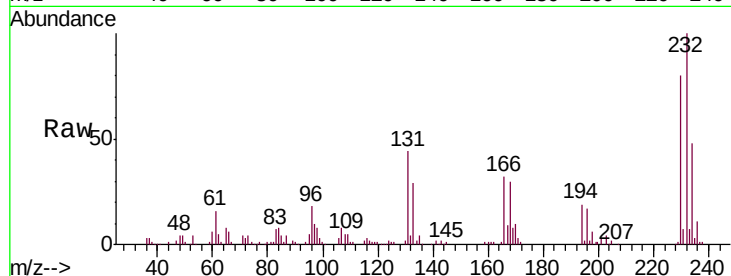
ClientSampleId :

PB114382BS

Tgt Ion	Ratio	Resp Lower	Resp Upper
232	100		
131	41.5	37.0	55.4
130	2.3	1.8	2.6
166	25.7	22.0	33.0

Manual Integrations
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Sohil
11/6/2018 9:00:51 AM



#60

Diethylphthalate

Concen: 42.709 ng

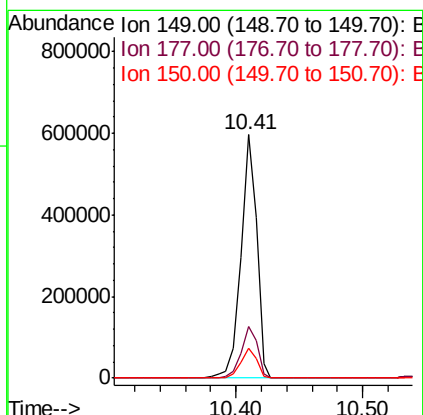
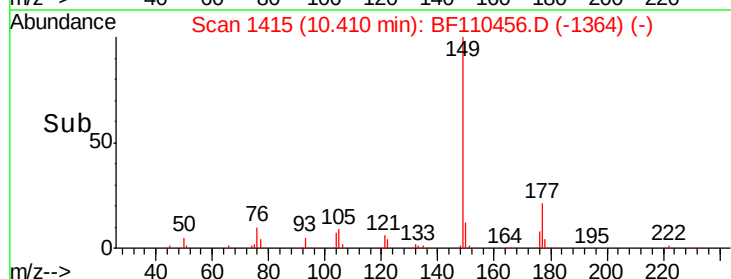
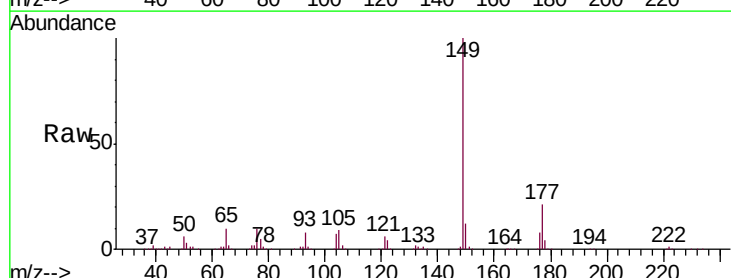
RT: 10.41 min Scan# 1415

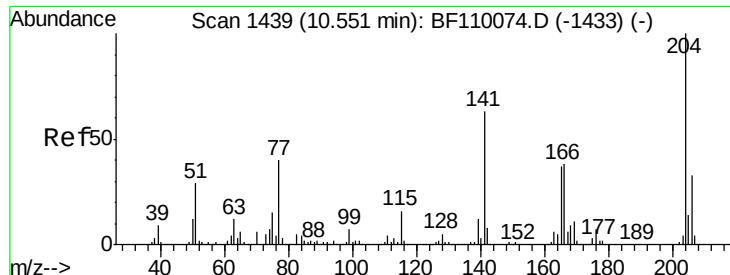
Delta R.T. 0.00 min

Lab File: BF110456.D

Acq: 5 Nov 2018 11:11

Tgt Ion	Ratio	Resp Lower	Resp Upper
149	100		
177	21.4	17.4	26.2
150	12.4	9.8	14.8





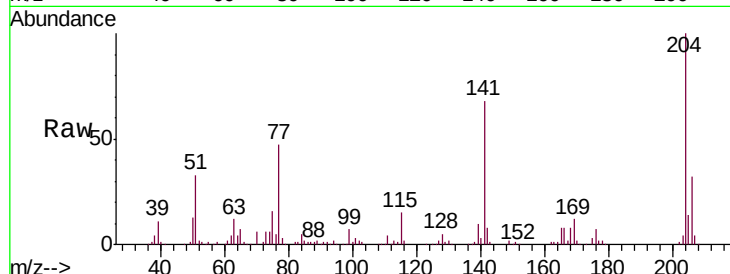
#61
4-Chlorophenyl-phenylether
Concen: 40.434 ng
RT: 10.53 min Scan# 1436
Delta R.T. -0.01 min
Lab File: BF110456.D
Acq: 5 Nov 2018 11:11

Instrument :
BNA_F
ClientSampleId :
PB114382BS

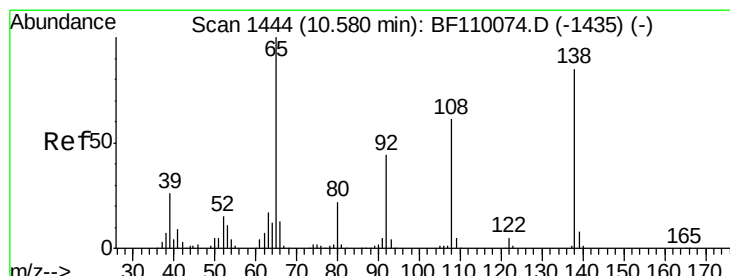
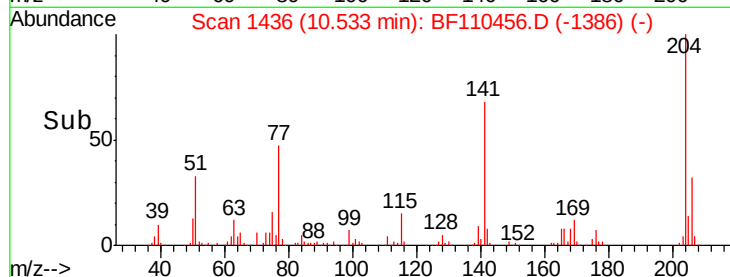
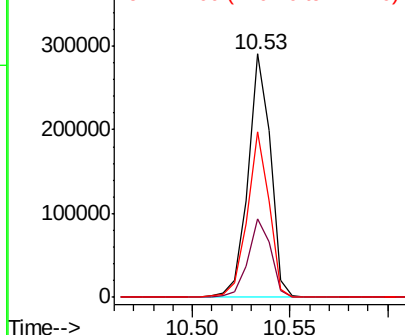
Tgt Ion	Ratio	Resp Lower	Resp Upper
204	100		
206	32.3	26.5	39.7
141	68.2	51.8	77.8

Manual Integrations
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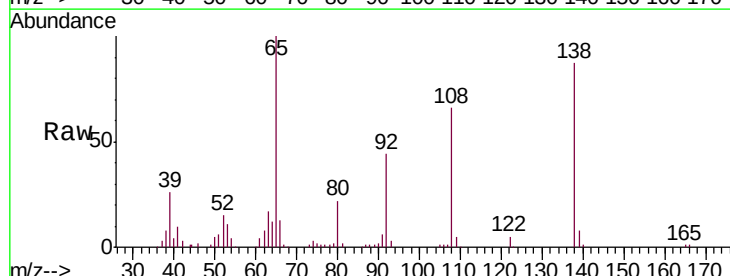


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

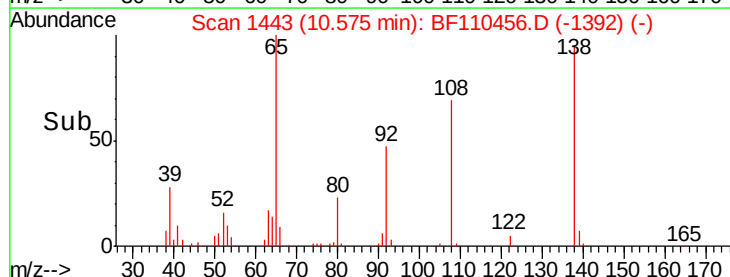
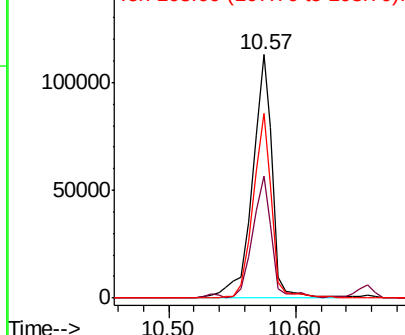


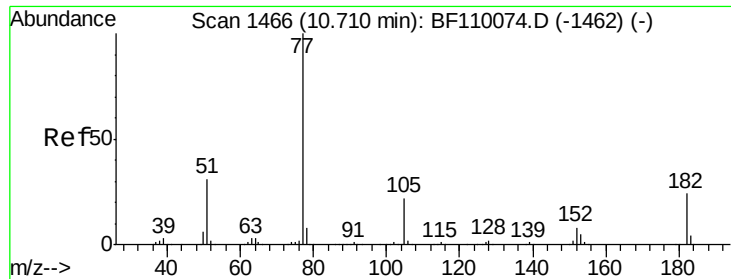
#62
4-Nitroaniline
Concen: 40.167 ng
RT: 10.57 min Scan# 1443
Delta R.T. 0.00 min
Lab File: BF110456.D
Acq: 5 Nov 2018 11:11

Tgt Ion	Ratio	Resp Lower	Resp Upper
138	100		
92	50.0	31.7	71.7
108	76.0	59.3	99.3



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





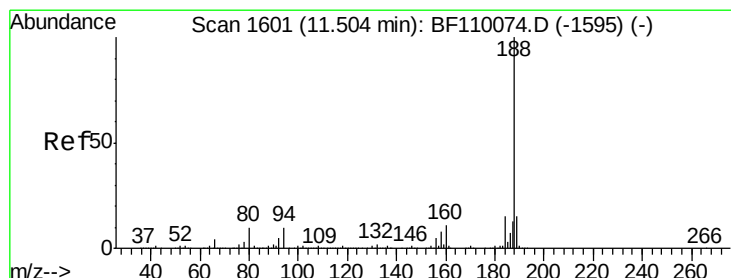
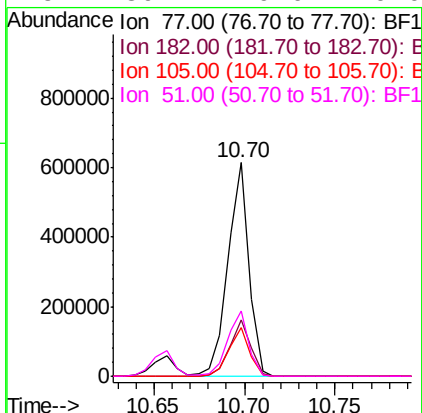
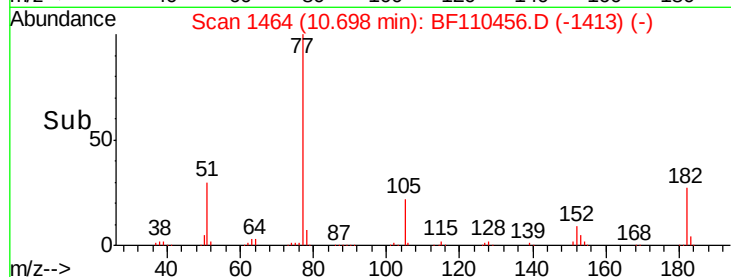
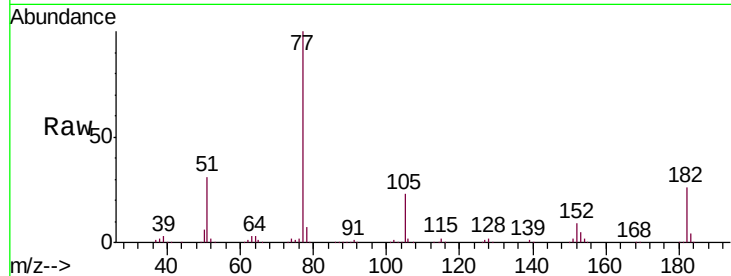
#63
Azobenzene
Concen: 42.310 ng
RT: 10.70 min Scan# 1464
Delta R.T. 0.00 min
Lab File: BF110456.D
Acq: 5 Nov 2018 11:11

Instrument :
BNA_F
ClientSampleId :
PB114382BS

Tgt Ion	Ratio	Lower	Upper
77	100		
182	26.4	4.3	44.3
105	22.8	1.3	41.3
51	30.7	9.0	49.0

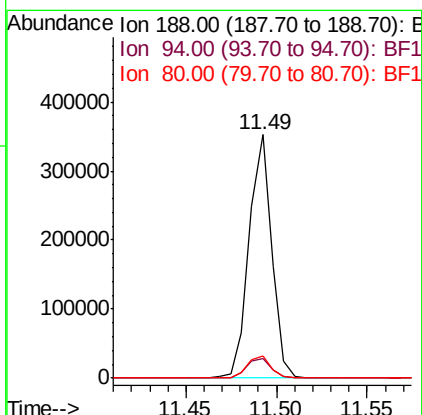
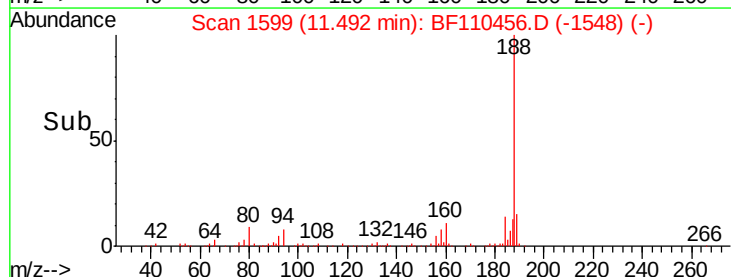
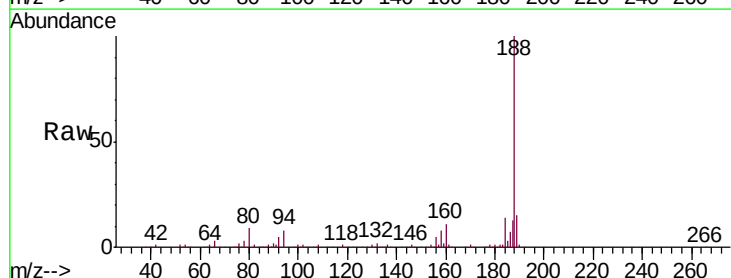
Manual Integrations
APPROVED

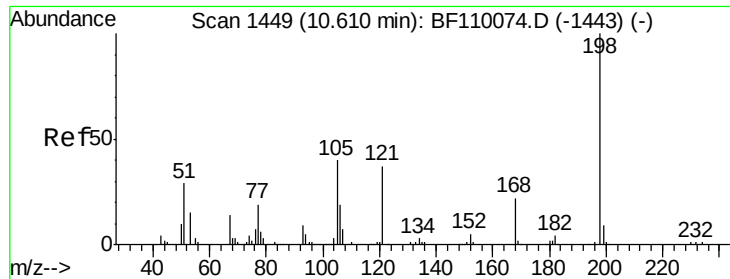
Sohil
11/6/2018 9:00:51 AM



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.49 min Scan# 1599
Delta R.T. 0.00 min
Lab File: BF110456.D
Acq: 5 Nov 2018 11:11

Tgt Ion	Ratio	Lower	Upper
188	100		
94	8.0	7.2	10.8
80	9.0	7.9	11.9





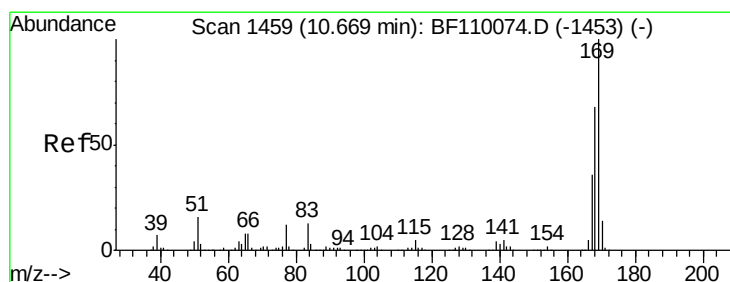
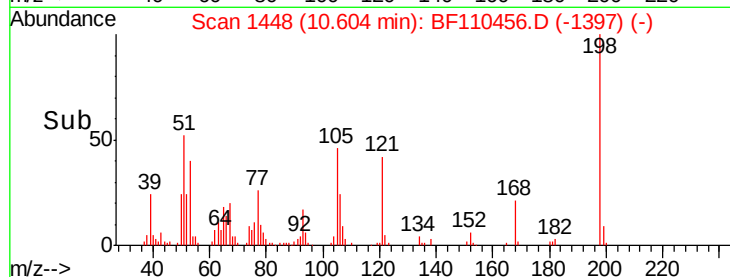
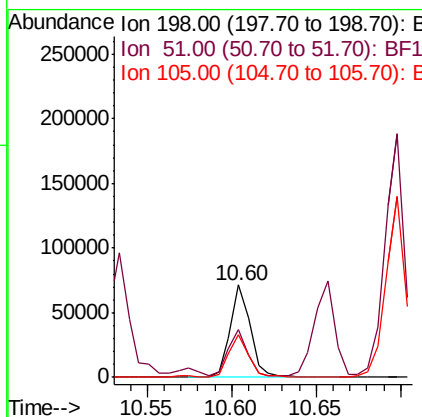
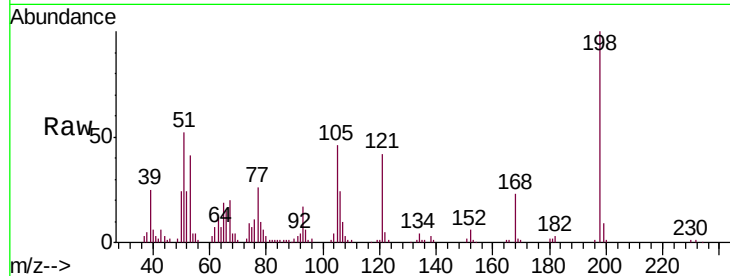
#65
4,6-Dinitro-2-methylphenol
Concen: 42.149 ng
RT: 10.60 min Scan# 1448
Delta R.T. 0.00 min
Lab File: BF110456.D
Acq: 5 Nov 2018 11:11

Instrument :
BNA_F
ClientSampleId :
PB114382BS

Tgt Ion	Ratio	Resp	Lower	Upper
198	100	59128		
51	52.5	22.8	62.8	
105	45.8	23.6	63.6	

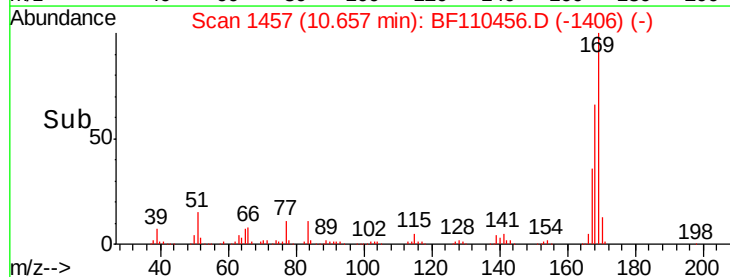
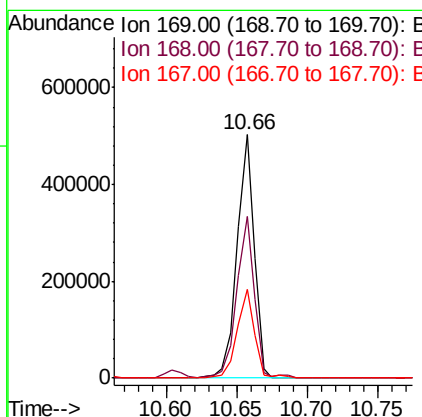
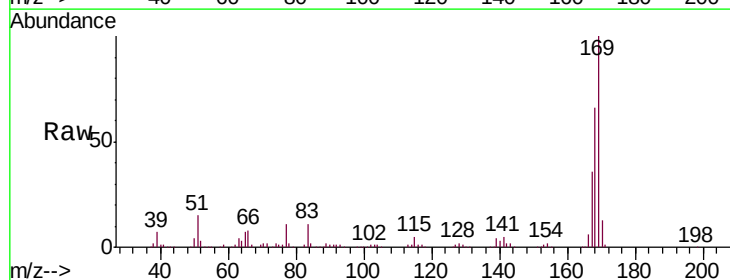
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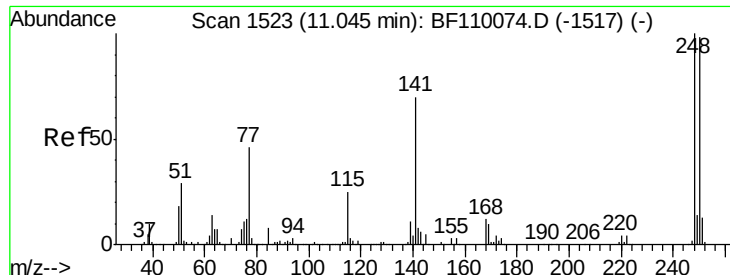
Sohil
11/6/2018 9:00:51 AM



#66
n-Nitrosodiphenylamine
Concen: 42.444 ng
RT: 10.66 min Scan# 1457
Delta R.T. 0.00 min
Lab File: BF110456.D
Acq: 5 Nov 2018 11:11

Tgt Ion	Ratio	Resp	Lower	Upper
169	100	427461		
168	66.3	51.2	76.8	
167	36.3	27.8	41.6	





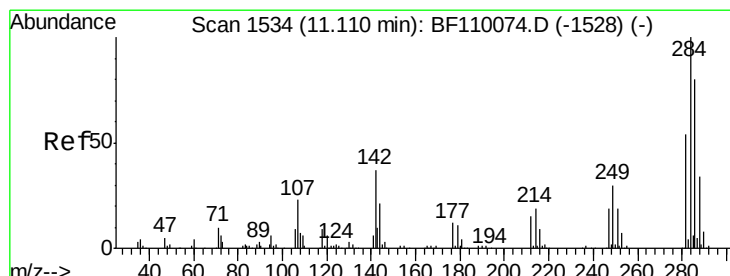
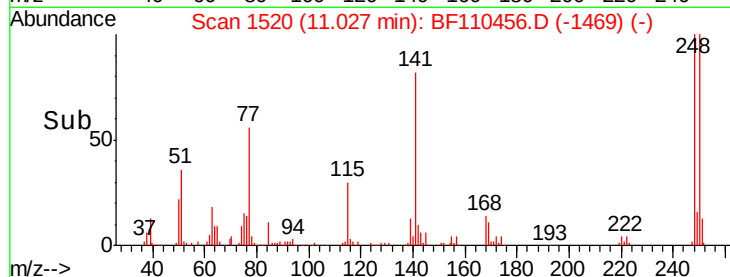
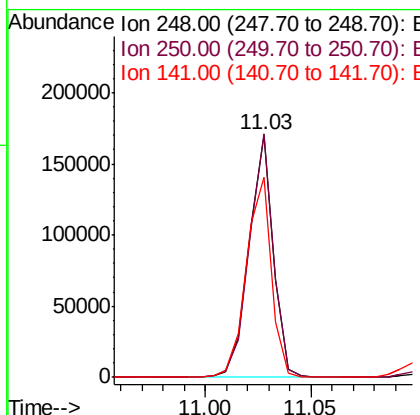
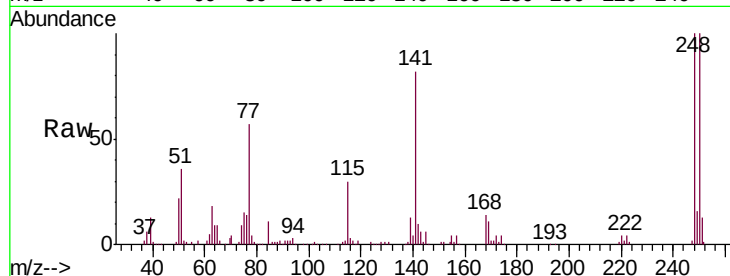
#67
 4-Bromophenyl-phenylether
 Concen: 40.974 ng
 RT: 11.03 min Scan# 1520
 Delta R.T. 0.00 min
 Lab File: BF110456.D
 Acq: 5 Nov 2018 11:11

Instrument :
 BNA_F
 ClientSampleId :
 PB114382BS

Tgt Ion	Ratio	Lower	Upper
248	100		
250	100.3	79.4	119.2
141	82.6	55.9	83.9

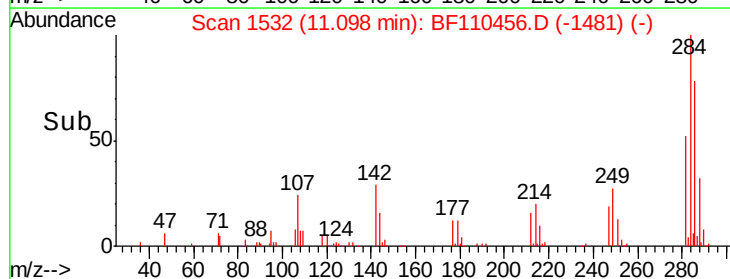
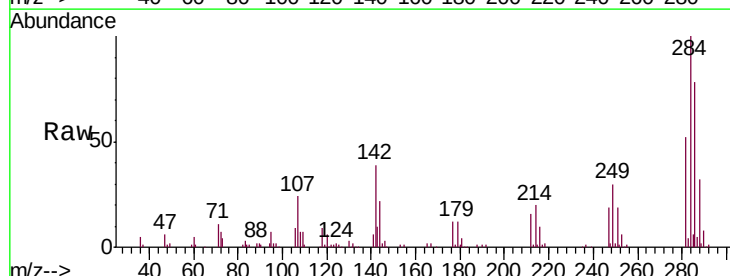
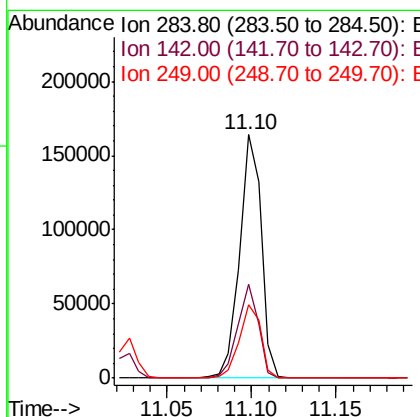
Manual Integrations
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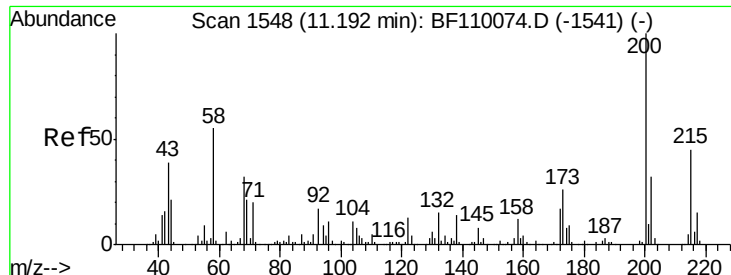
Sohil
 11/6/2018 9:00:51 AM



#68
 Hexachlorobenzene
 Concen: 41.594 ng
 RT: 11.10 min Scan# 1532
 Delta R.T. 0.00 min
 Lab File: BF110456.D
 Acq: 5 Nov 2018 11:11

Tgt Ion	Ratio	Lower	Upper
284	100		
142	38.7	23.9	35.9#
249	30.3	24.2	36.2





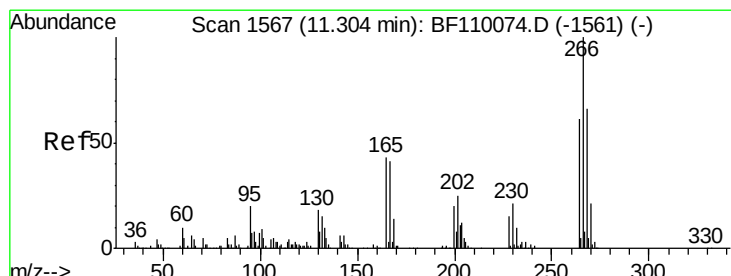
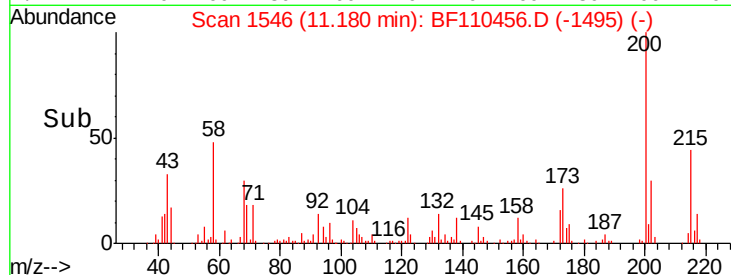
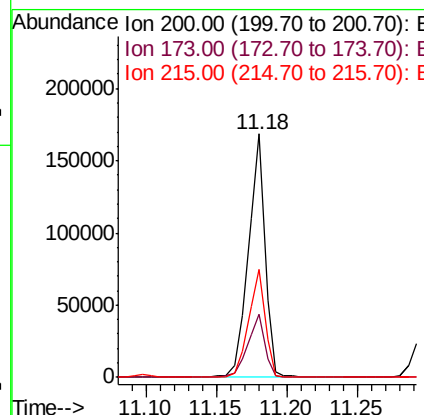
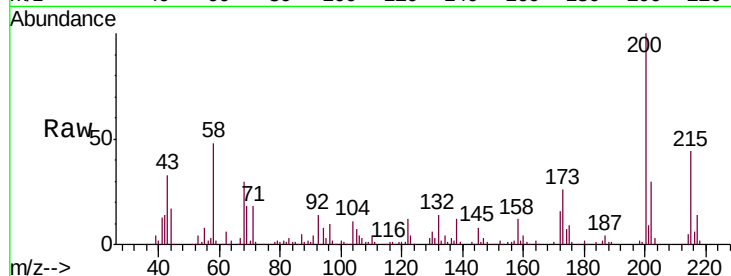
#69
Atrazine
Concen: 43.689 ng
RT: 11.18 min Scan# 1546
Delta R.T. 0.00 min
Lab File: BF110456.D
Acq: 5 Nov 2018 11:11

Instrument :
BNA_F
ClientSampled :
PB114382BS

Tgt Ion	Ratio	Resp Lower	Resp Upper
200	100		
173	25.7	6.6	46.6
215	44.2	26.3	66.3

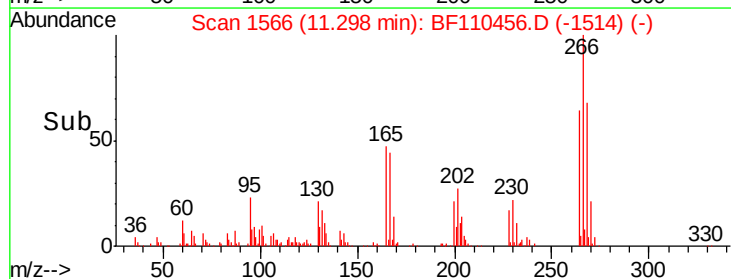
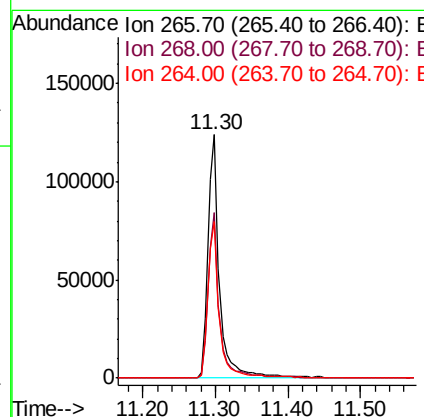
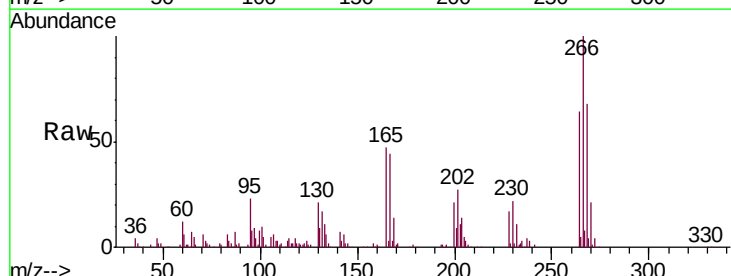
Manual Integrations
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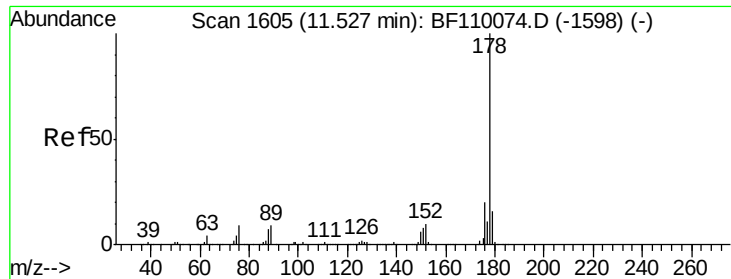
Sohil
11/6/2018 9:00:51 AM



#70
Pentachlorophenol
Concen: 67.412 ng
RT: 11.30 min Scan# 1566
Delta R.T. 0.01 min
Lab File: BF110456.D
Acq: 5 Nov 2018 11:11

Tgt Ion	Ratio	Resp Lower	Resp Upper
266	100		
268	68.2	50.6	75.8
264	64.3	50.6	75.8





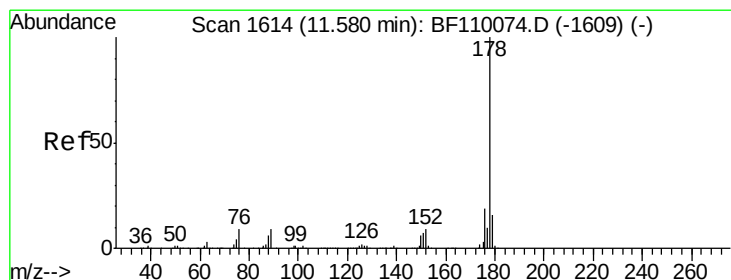
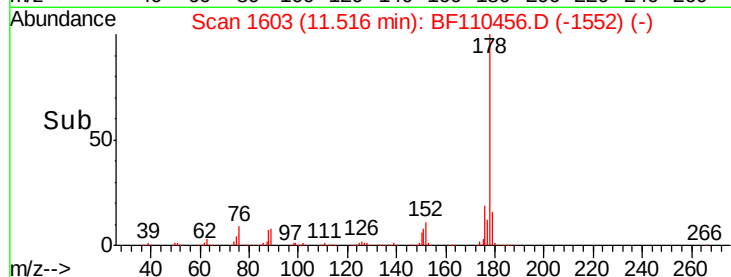
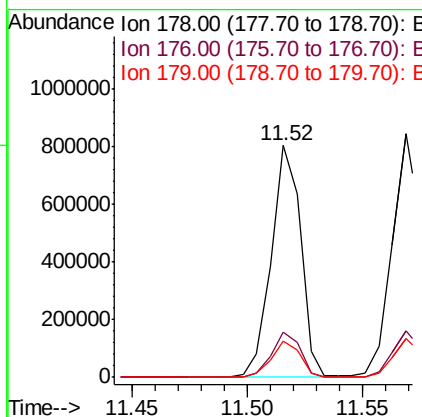
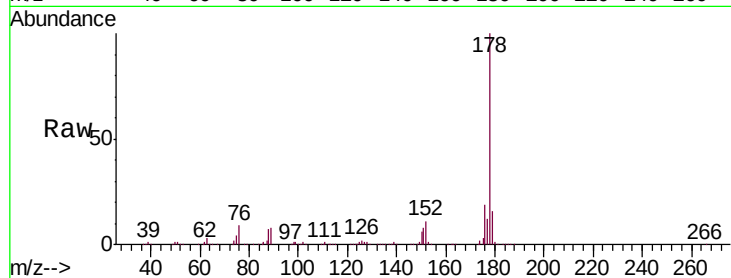
#71
Phenanthrene
Concen: 44.478 ng
RT: 11.52 min Scan# 1603
Delta R.T. 0.00 min
Lab File: BF110456.D
Acq: 5 Nov 2018 11:11

Instrument :
BNA_F
ClientSampleId :
PB114382BS

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.3	15.5	23.3
179	15.8	12.5	18.7

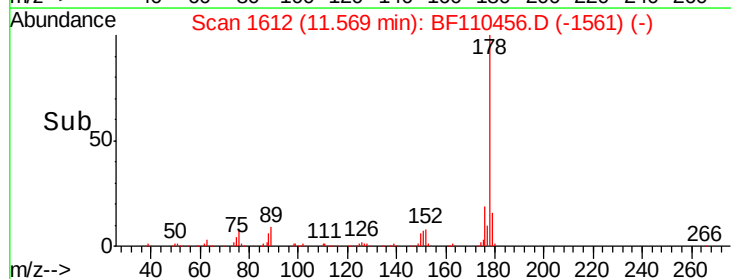
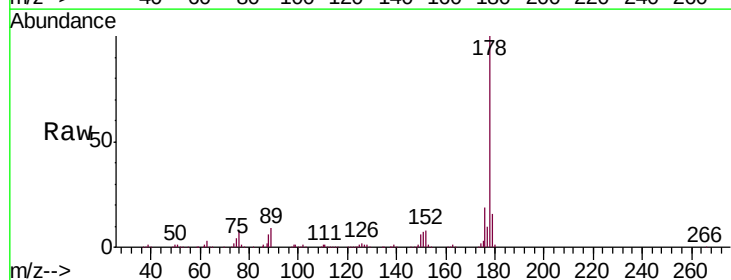
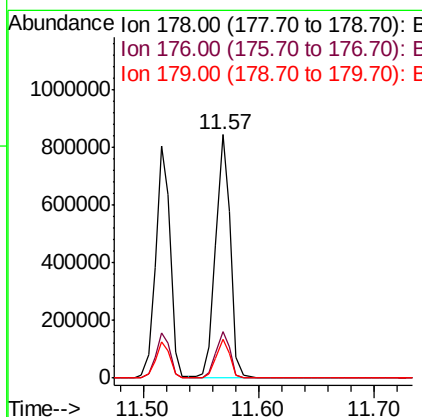
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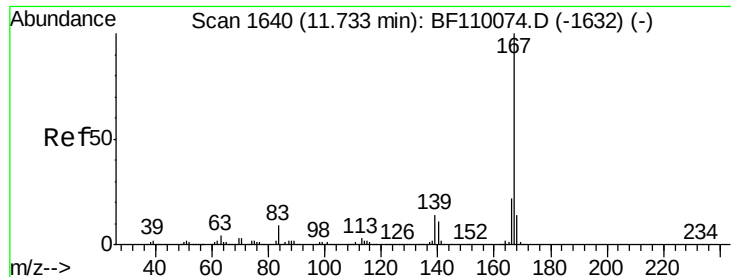
Sohil
11/6/2018 9:00:51 AM



#72
Anthracene
Concen: 46.181 ng
RT: 11.57 min Scan# 1612
Delta R.T. 0.00 min
Lab File: BF110456.D
Acq: 5 Nov 2018 11:11

Tgt Ion	Ratio	Lower	Upper
178	100		
176	18.9	15.4	23.2
179	15.9	12.6	18.8





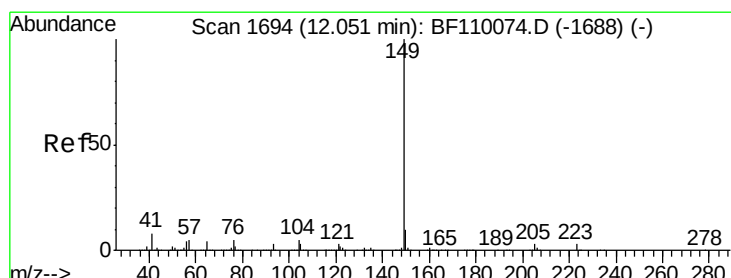
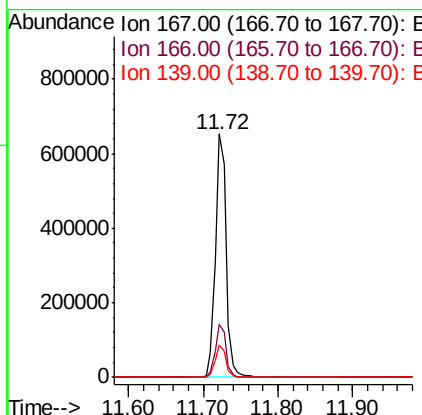
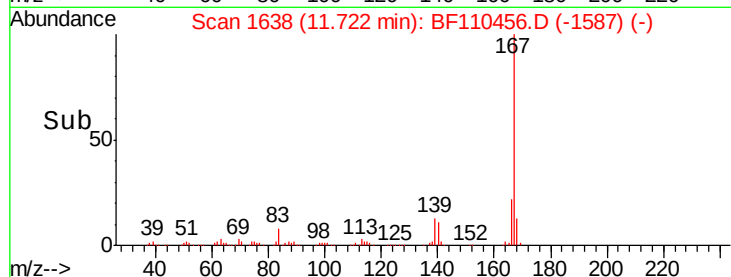
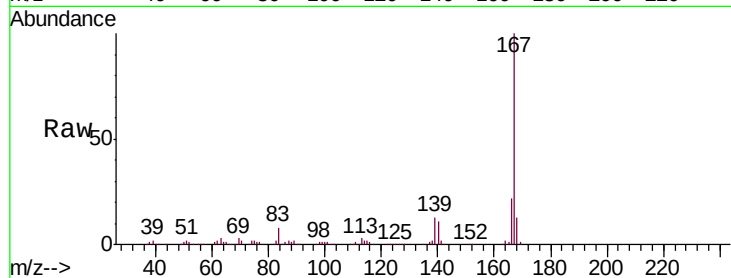
#73
 Carbazole
 Concen: 40.968 ng
 RT: 11.72 min Scan# 1638
 Delta R.T. 0.00 min
 Lab File: BF110456.D
 Acq: 5 Nov 2018 11:11

Instrument :
 BNA_F
 ClientSampleId :
 PB114382BS

Tgt Ion	Ratio	Lower	Upper
167	100		
166	22.0	17.4	26.0
139	13.3	10.9	16.3

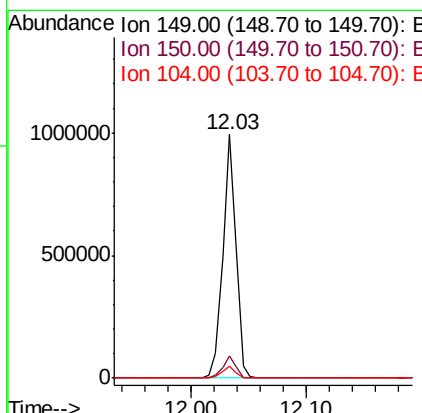
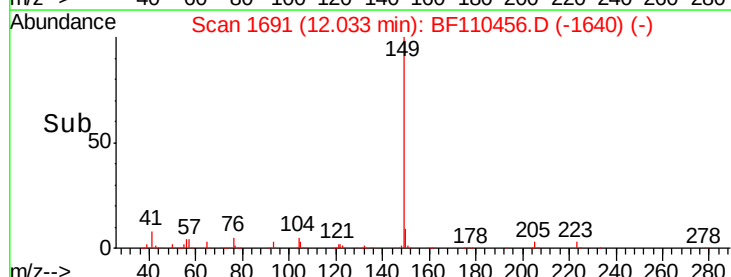
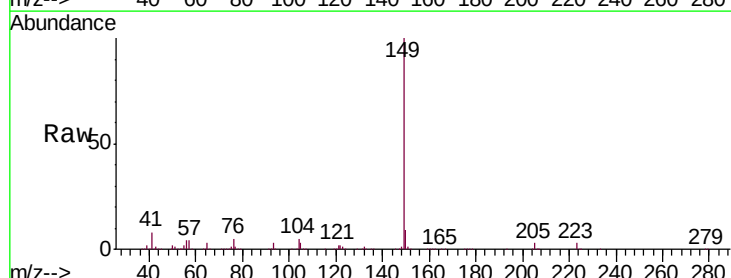
Manual Integrations
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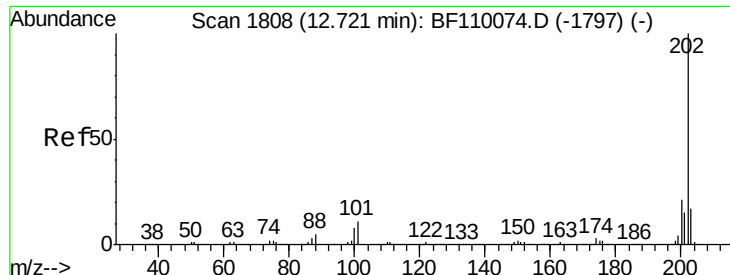
Sohil
 11/6/2018 9:00:51 AM



#74
 Di-n-butylphthalate
 Concen: 44.192 ng
 RT: 12.03 min Scan# 1691
 Delta R.T. 0.00 min
 Lab File: BF110456.D
 Acq: 5 Nov 2018 11:11

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.2	7.7	11.5
104	5.1	4.2	6.4





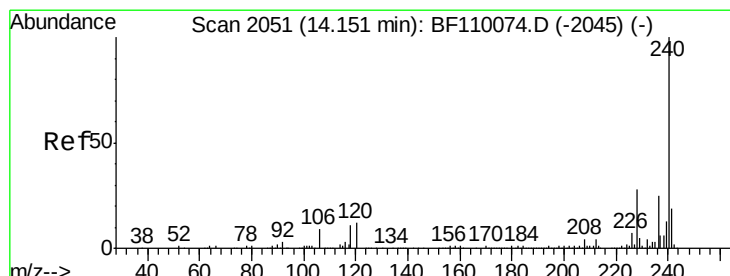
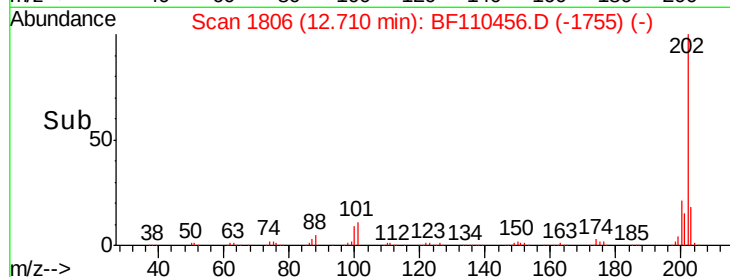
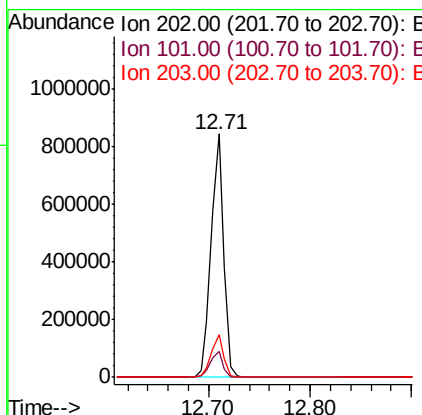
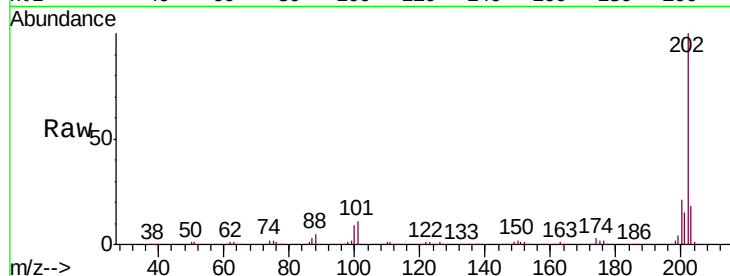
#75
 Fluoranthene
 Concen: 44.924 ng
 RT: 12.71 min Scan# 1806
 Delta R.T. 0.00 min
 Lab File: BF110456.D
 Acq: 5 Nov 2018 11:11

Instrument :
 BNA_F
 ClientSampled :
 PB114382BS

Tgt Ion	Ratio	Resp Lower	Resp Upper
202	100		
101	10.9	0.0	31.4
203	17.5	0.0	37.7

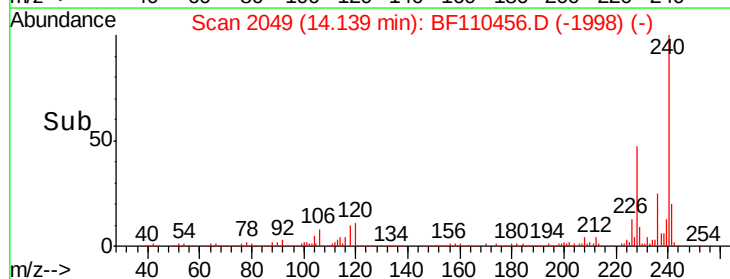
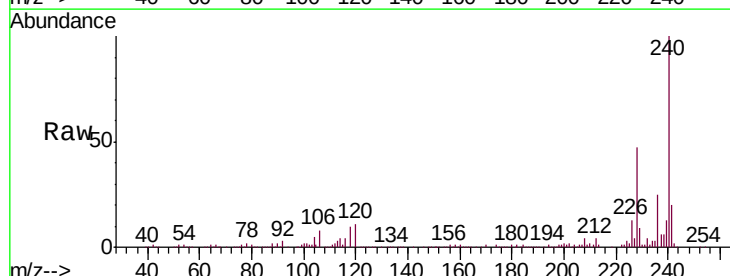
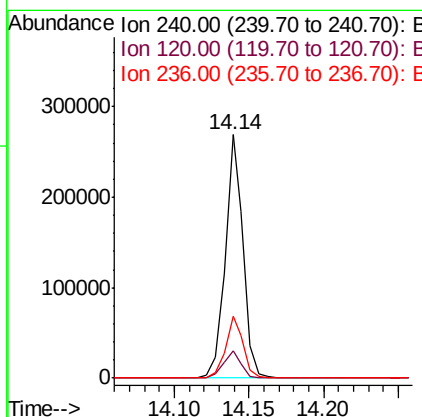
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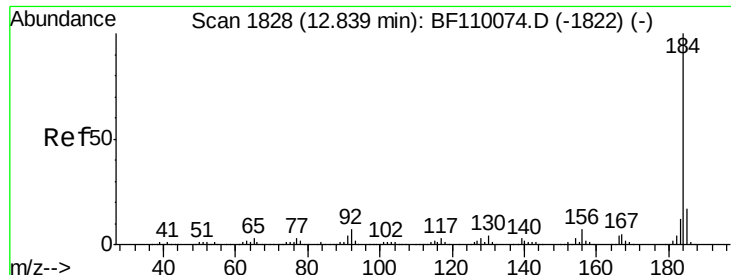
Sohil
 11/6/2018 9:00:51 AM



#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 14.14 min Scan# 2049
 Delta R.T. 0.00 min
 Lab File: BF110456.D
 Acq: 5 Nov 2018 11:11

Tgt Ion	Ratio	Resp Lower	Resp Upper
240	100		
120	11.4	8.3	12.5
236	25.4	21.2	31.8





#77

Benzidine

Concen: Below Cal

RT: 12.83 min Scan# 1826

Delta R.T. 0.00 min

Lab File: BF110456.D

Acq: 5 Nov 2018 11:11

Instrument :

BNA_F

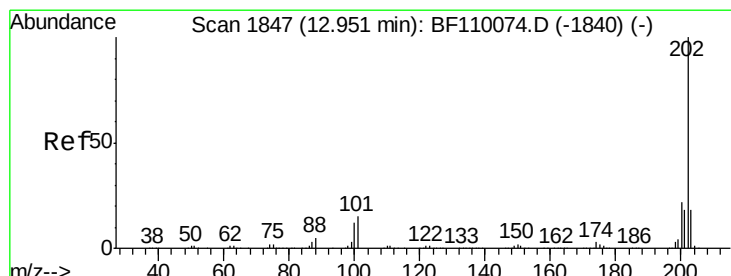
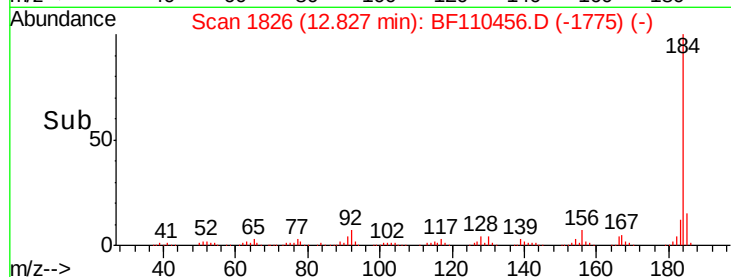
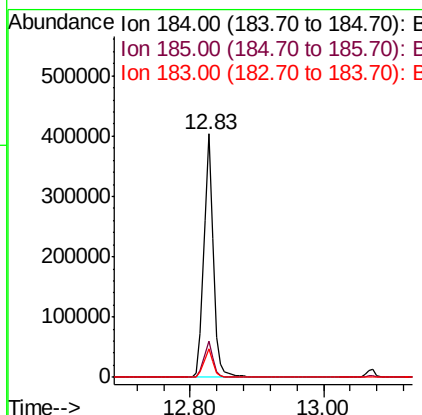
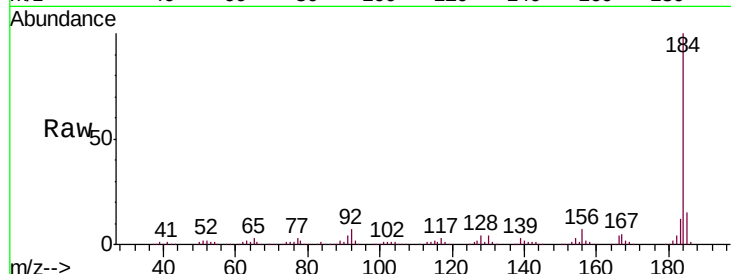
ClientSampleId :

PB114382BS

Tgt Ion	Ratio	Resp	Lower	Upper
184	100	391401		
185	15.1	13.4	20.2	
183	11.7	9.4	14.2	

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#78

Pyrene

Concen: 44.858 ng

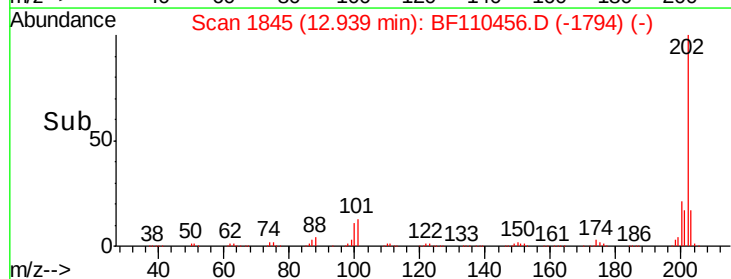
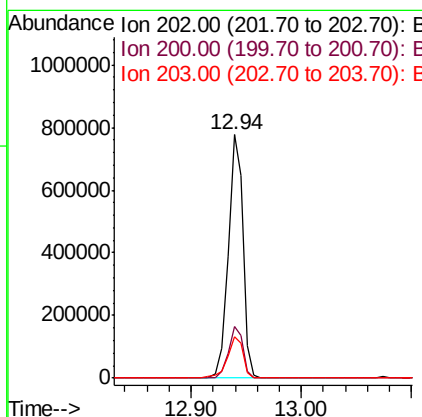
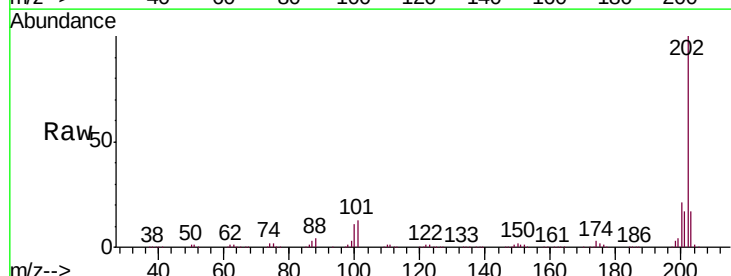
RT: 12.94 min Scan# 1845

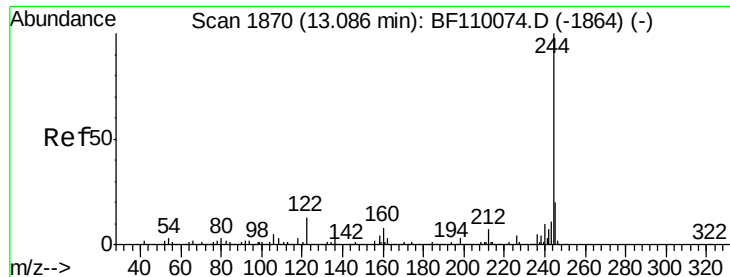
Delta R.T. 0.00 min

Lab File: BF110456.D

Acq: 5 Nov 2018 11:11

Tgt Ion	Ratio	Resp	Lower	Upper
202	100	724376		
200	21.1	17.8	26.6	
203	17.2	14.2	21.4	





#79

Terphenyl-d14

Concen: 81.279 ng

RT: 13.07 min Scan# 1868

Delta R.T. 0.00 min

Lab File: BF110456.D

Acq: 5 Nov 2018 11:11

Instrument :

BNA_F

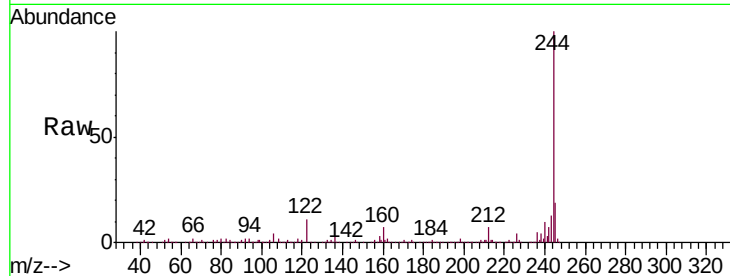
ClientSampled :

PB114382BS

Tgt Ion:	244	Resp:	880300
Ion Ratio		Lower	Upper
244	100		
212	6.7	5.8	8.8
122	11.2	8.7	13.1

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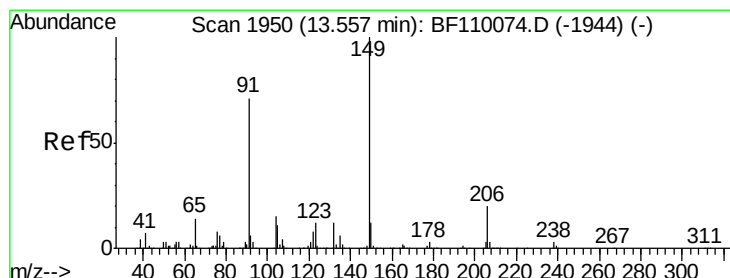
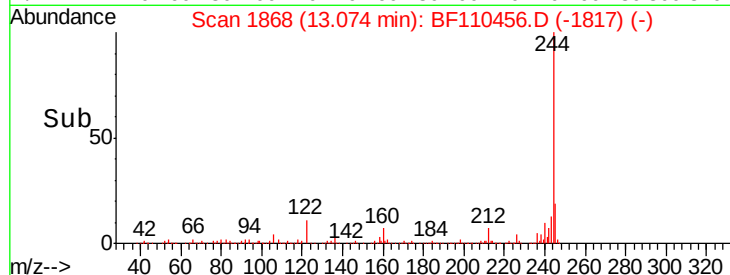
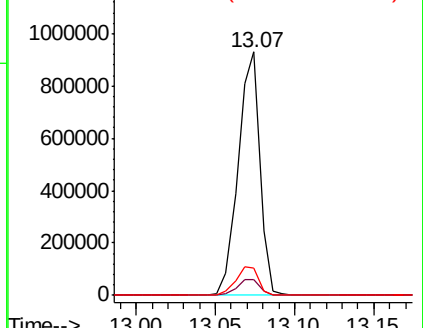


Abundance

Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 45.108 ng

RT: 13.54 min Scan# 1947

Delta R.T. 0.00 min

Lab File: BF110456.D

Acq: 5 Nov 2018 11:11

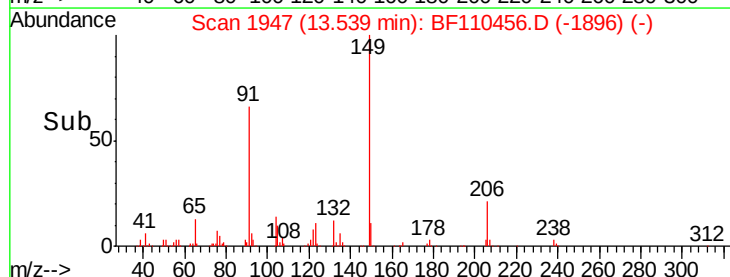
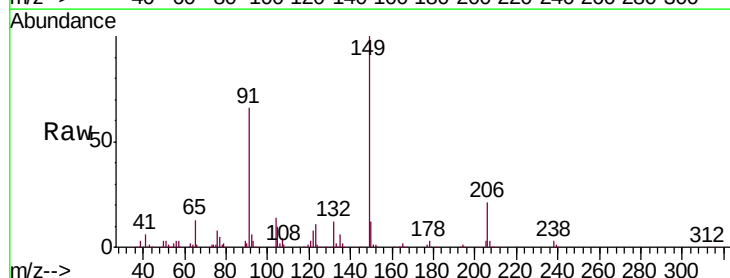
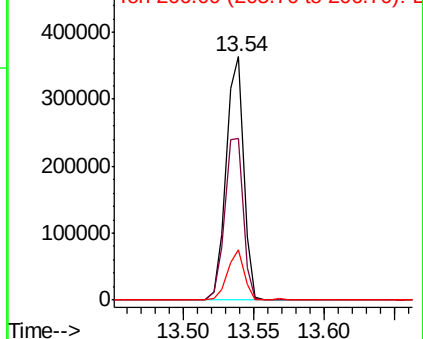
Tgt Ion:	149	Resp:	316163
Ion Ratio		Lower	Upper
149	100		
91	66.2	57.2	85.8
206	20.7	15.7	23.5

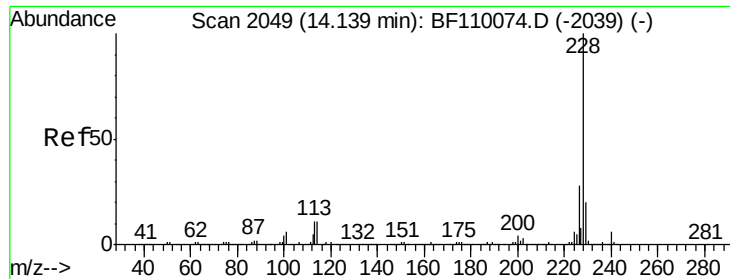
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 44.678 ng

RT: 14.13 min Scan# 2047

Delta R.T. 0.00 min

Lab File: BF110456.D

Acq: 5 Nov 2018 11:11

Instrument :

BNA_F

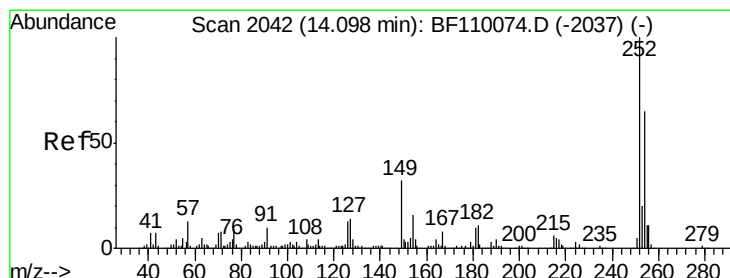
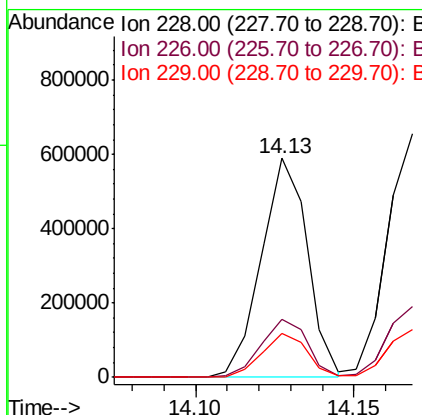
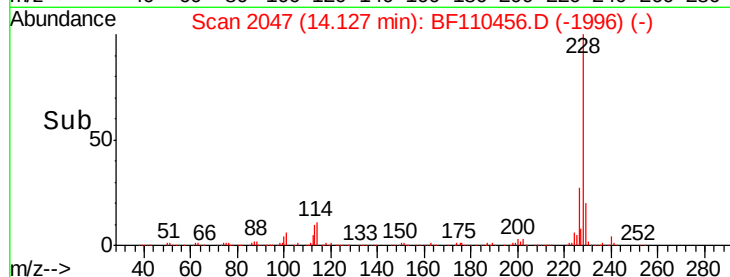
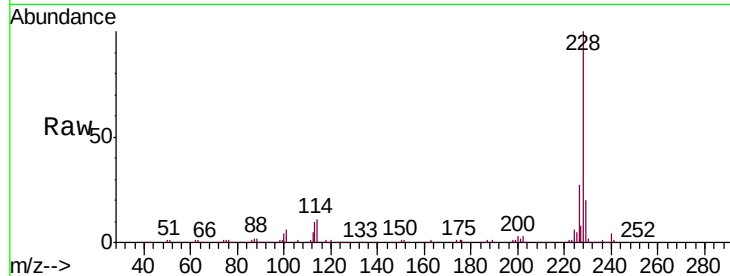
ClientSampleId :

PB114382BS

Tgt Ion:	228	Resp:	596784
Ion Ratio	Lower	Upper	
228	100		
226	26.6	22.1	33.1
229	20.0	15.6	23.4

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#82

3,3'-Dichlorobenzidine

Concen: 28.685 ng

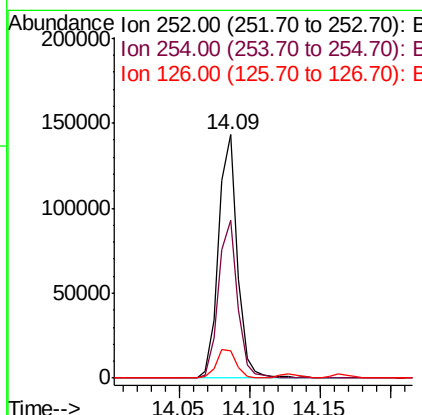
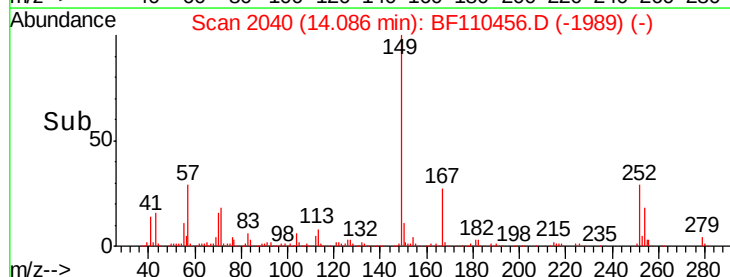
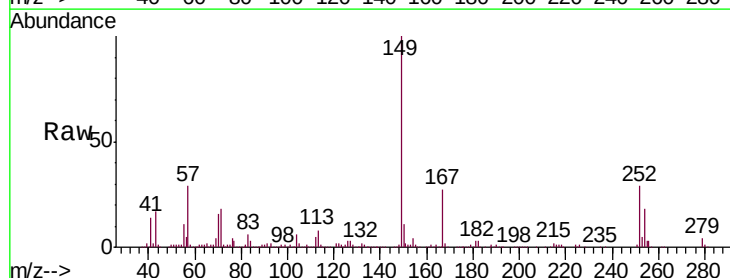
RT: 14.09 min Scan# 2040

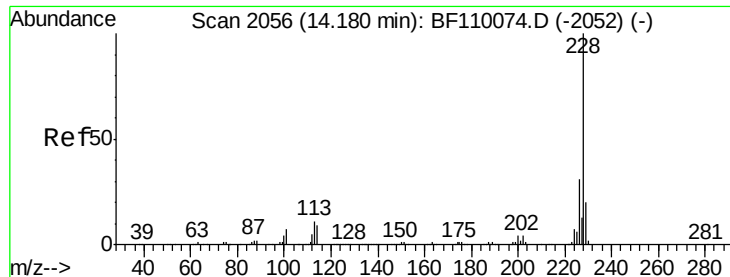
Delta R.T. 0.00 min

Lab File: BF110456.D

Acq: 5 Nov 2018 11:11

Tgt Ion:	252	Resp:	133425
Ion Ratio	Lower	Upper	
252	100		
254	64.6	51.3	76.9
126	11.3	9.4	14.2





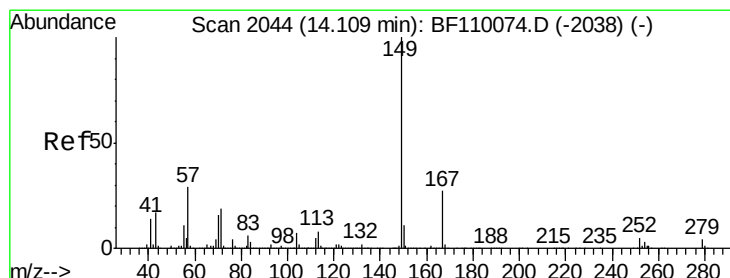
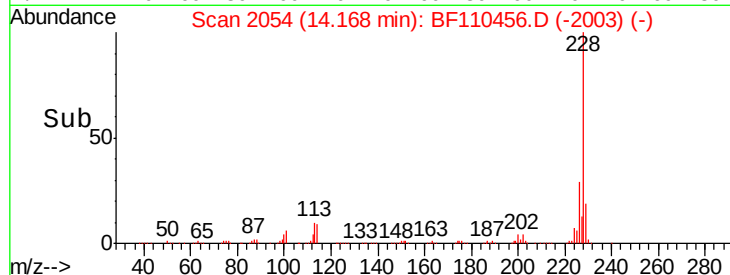
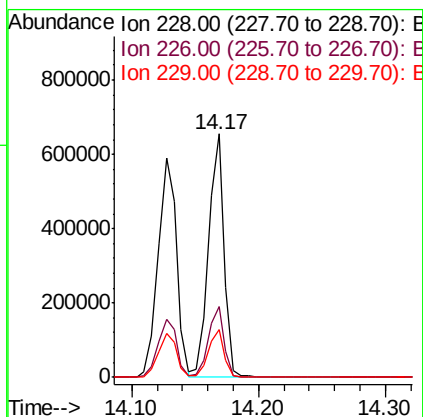
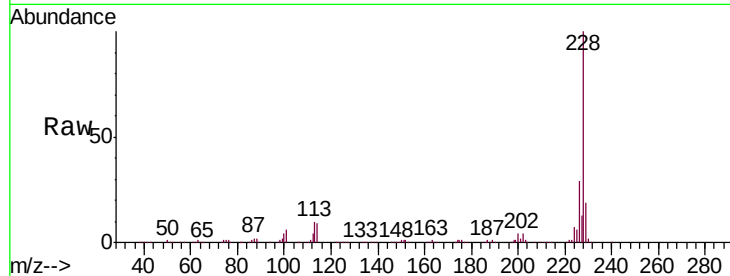
#83
Chrysene
Concen: 44.567 ng
RT: 14.17 min Scan# 2054
Delta R.T. 0.00 min
Lab File: BF110456.D
Acq: 5 Nov 2018 11:11

Instrument :
BNA_F
ClientSampleId :
PB114382BS

Tgt Ion	Ratio	Lower	Upper
228	100		
226	29.2	24.7	37.1
229	19.4	15.9	23.9

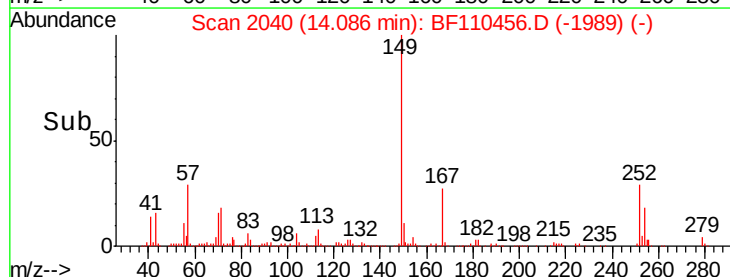
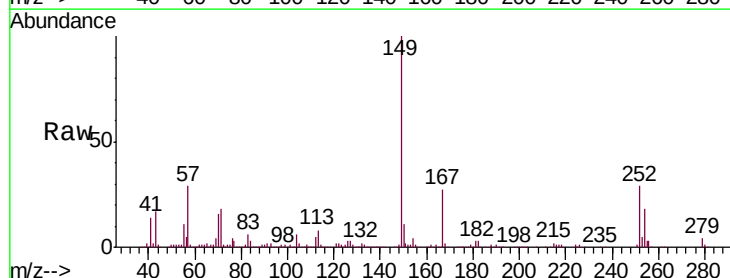
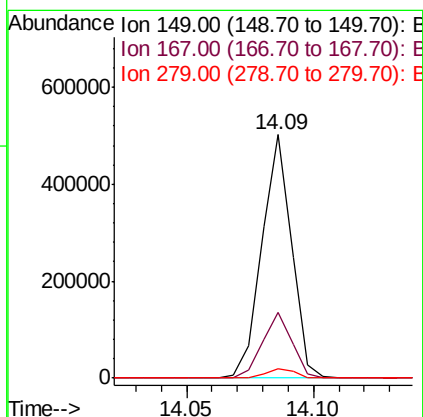
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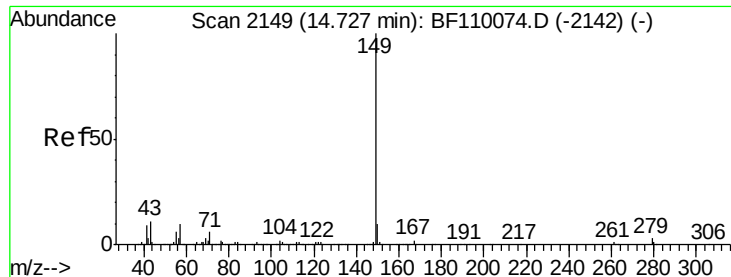
Sohil
11/6/2018 9:00:51 AM



#84
Bis(2-ethylhexyl)phthalate
Concen: 43.509 ng
RT: 14.09 min Scan# 2040
Delta R.T. 0.00 min
Lab File: BF110456.D
Acq: 5 Nov 2018 11:11

Tgt Ion	Ratio	Lower	Upper
149	100		
167	26.9	19.8	29.8
279	3.6	2.7	4.1





#85

Di-n-octyl phthalate

Concen: 43.348 ng

RT: 14.70 min Scan# 2145

Delta R.T. 0.00 min

Lab File: BF110456.D

Acq: 5 Nov 2018 11:11

Instrument :

BNA_F

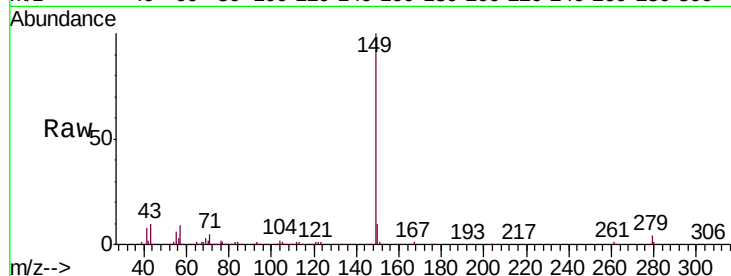
ClientSampleId :

PB114382BS

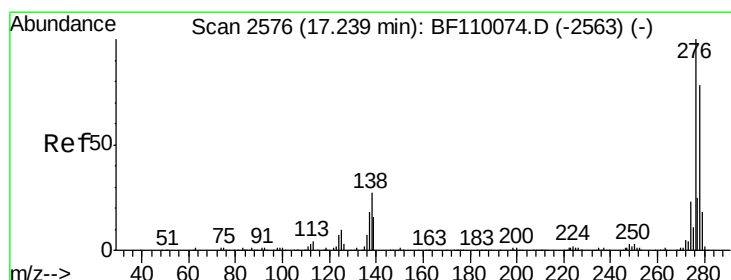
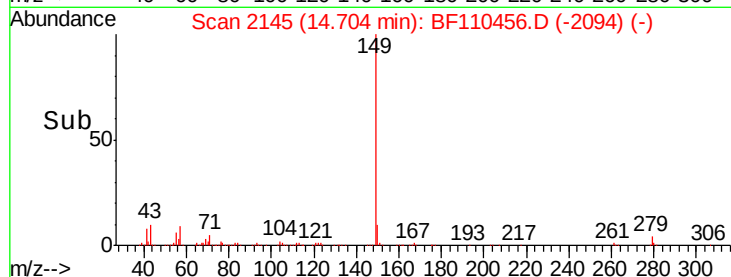
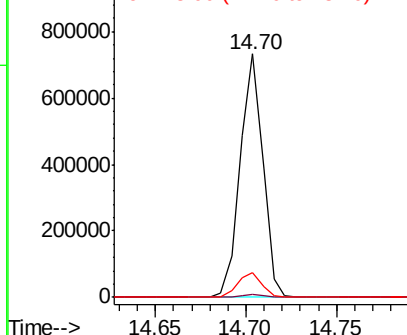
Tgt Ion	Ratio	Resp	Lower	Upper
149	100	638634		
167	1.5	1.1	1.7	
43	10.5	7.8	11.8	

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11/6/2018 9:00:51 AM



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



#86

Indeno(1,2,3-cd)pyrene

Concen: 38.862 ng

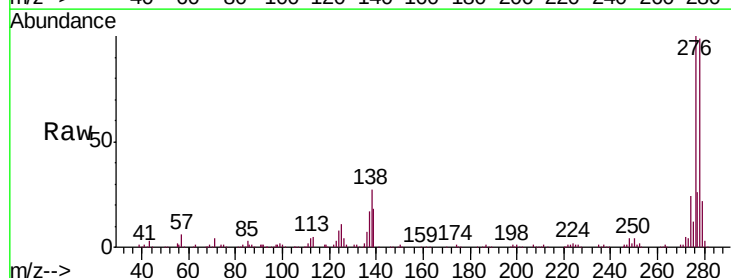
RT: 17.24 min Scan# 2576

Delta R.T. 0.01 min

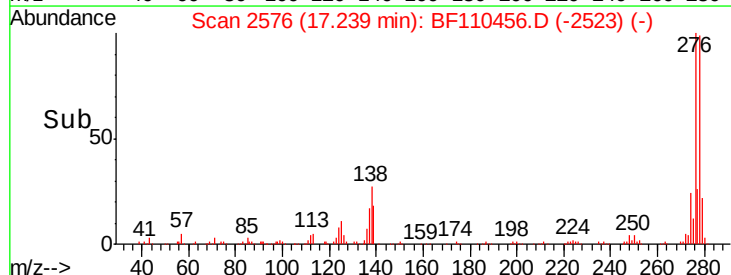
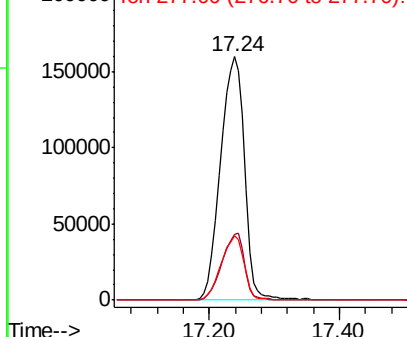
Lab File: BF110456.D

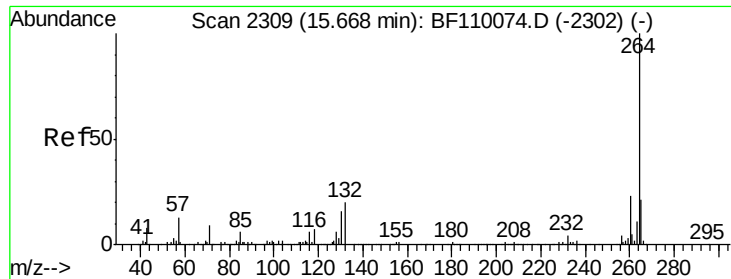
Acq: 5 Nov 2018 11:11

Tgt Ion	Ratio	Resp	Lower	Upper
276	100	409032		
138	25.8	18.5	27.7	
277	25.3	20.0	30.0	



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





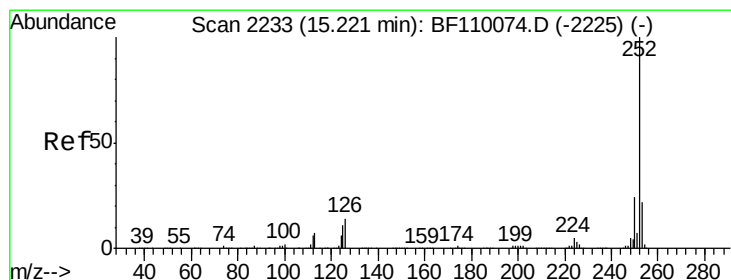
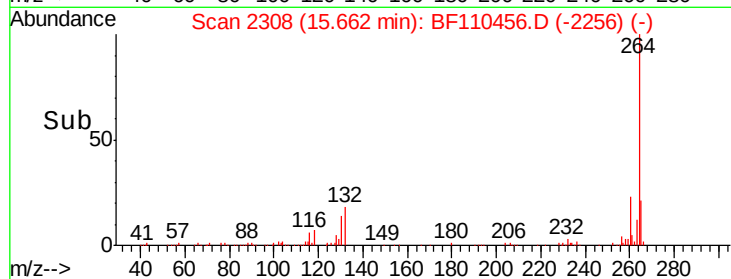
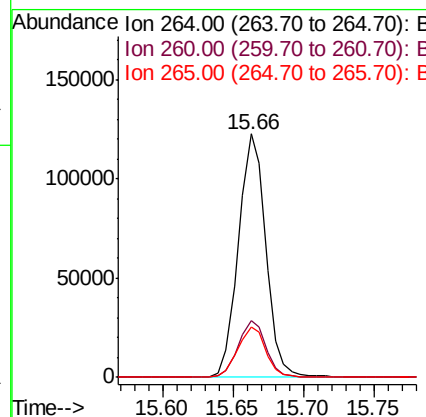
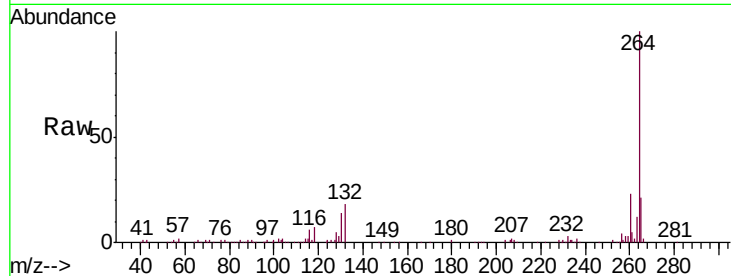
#87
Perylene-d12
Concen: 20.000 ng
RT: 15.66 min Scan# 2308
Delta R.T. 0.01 min
Lab File: BF110456.D
Acq: 5 Nov 2018 11:11

Instrument :
BNA_F
ClientSampleId :
PB114382BS

Tgt Ion	Ratio	Resp Lower	Resp Upper
264	100		
260	23.5	18.7	28.1
265	20.9	16.7	25.1

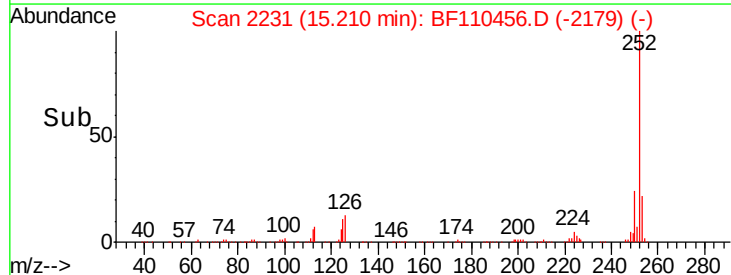
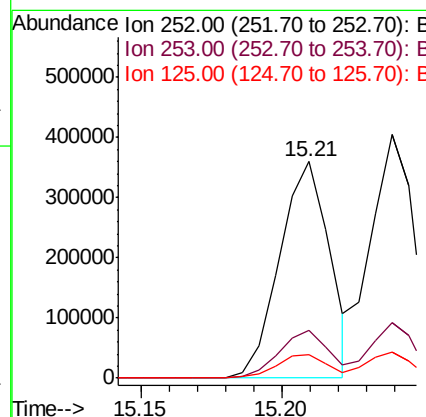
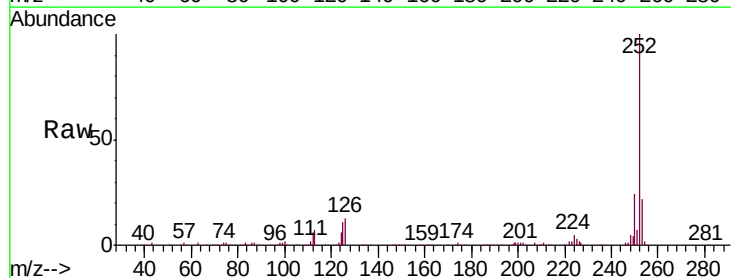
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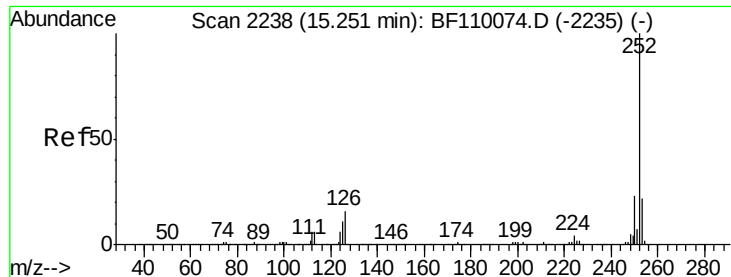
Sohil
11/6/2018 9:00:51 AM



#88
Benzo(b)fluoranthene
Concen: 46.060 ng
RT: 15.21 min Scan# 2231
Delta R.T. 0.01 min
Lab File: BF110456.D
Acq: 5 Nov 2018 11:11

Tgt Ion	Ratio	Resp Lower	Resp Upper
252	100		
253	22.1	17.2	25.8
125	10.9	8.2	12.4





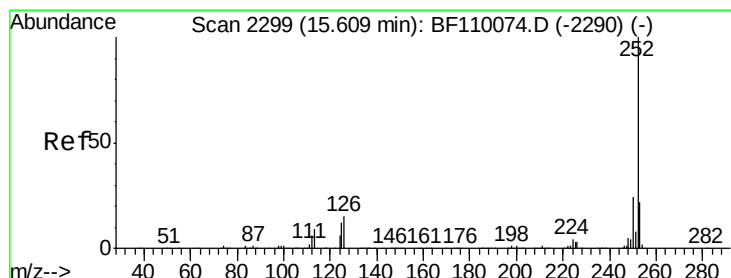
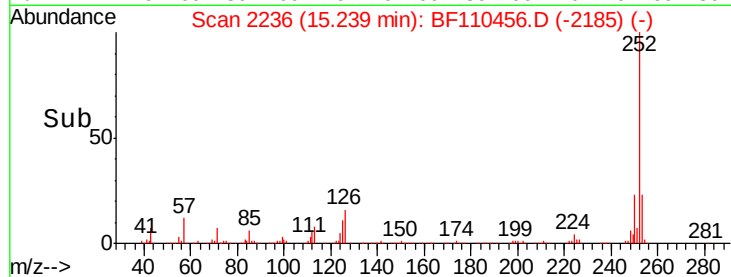
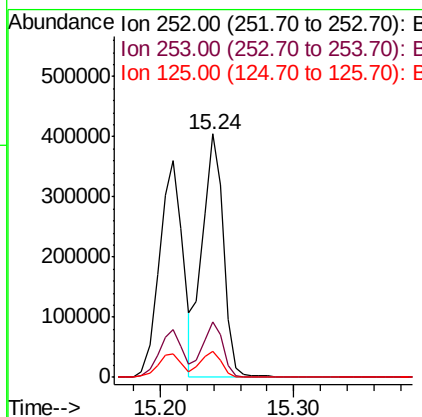
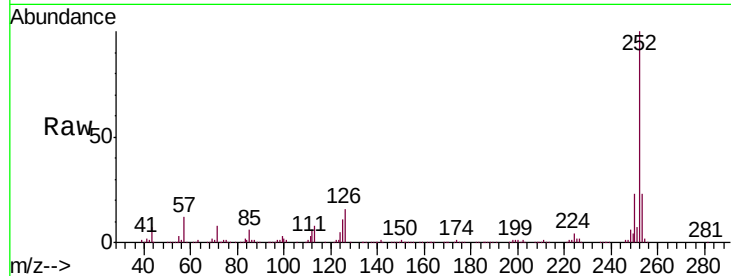
#89
Benzo(k)fluoranthene
Concen: 46.818 ng
RT: 15.24 min Scan# 2236
Delta R.T. 0.00 min
Lab File: BF110456.D
Acq: 5 Nov 2018 11:11

Instrument :
BNA_F
ClientSampleId :
PB114382BS

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.5	17.2	25.8
125	10.8	7.4	11.0

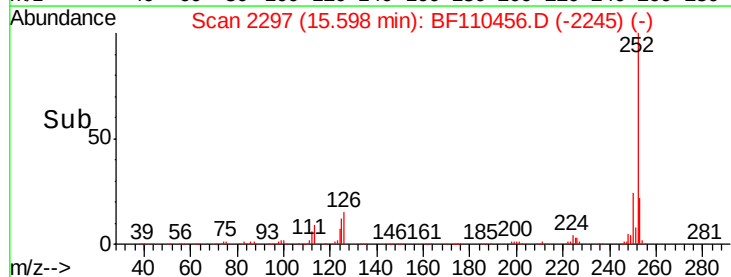
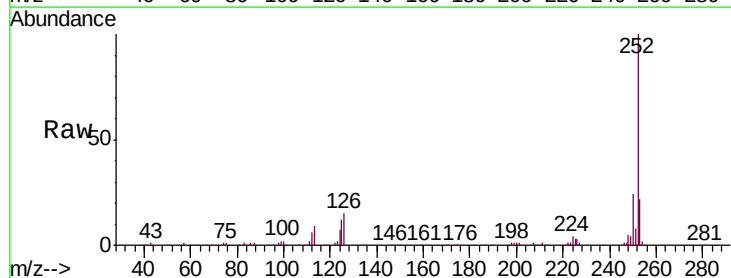
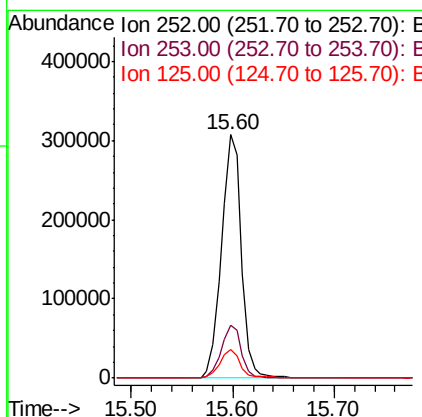
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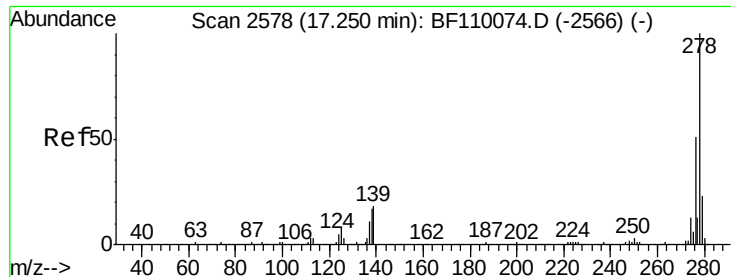
Sohil
11/6/2018 9:00:51 AM



#90
Benzo(a)pyrene
Concen: 47.275 ng
RT: 15.60 min Scan# 2297
Delta R.T. 0.01 min
Lab File: BF110456.D
Acq: 5 Nov 2018 11:11

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.9	18.2	27.4
125	11.9	9.0	13.6





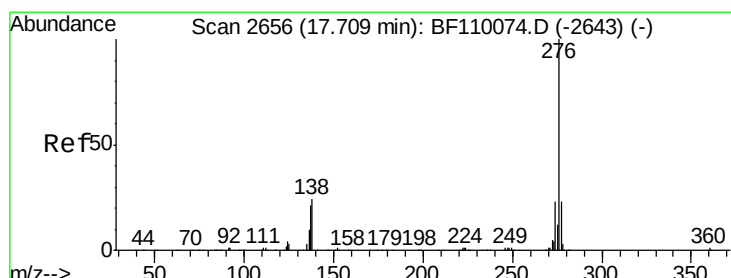
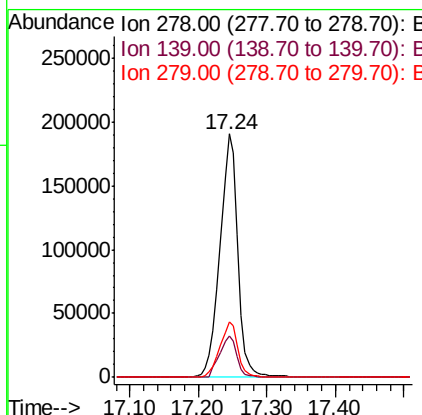
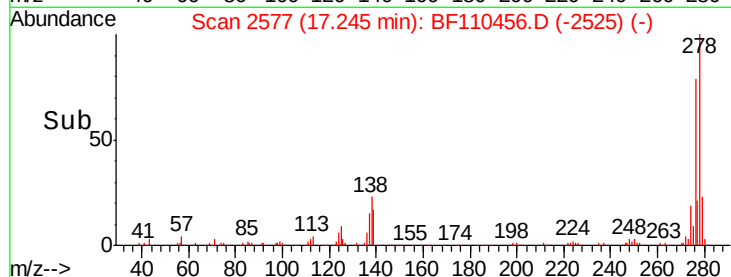
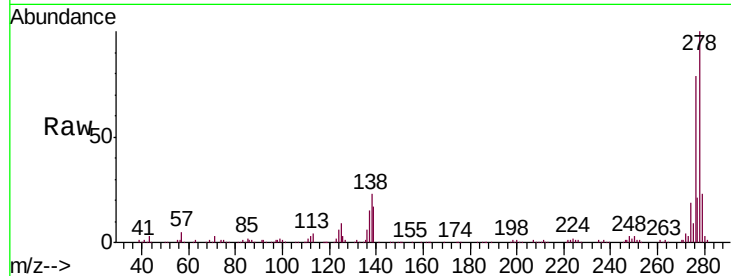
#91
Dibenzo(a,h)anthracene
Concen: 45.337 ng
RT: 17.24 min Scan# 2577
Delta R.T. 0.01 min
Lab File: BF110456.D
Acq: 5 Nov 2018 11:11

Instrument :
BNA_F
ClientSampled :
PB114382BS

Tgt Ion	Ratio	Lower	Upper
278	100		
139	17.0	12.7	19.1
279	22.8	19.0	28.4

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11/6/2018 9:00:51 AM



#92
Benzo(g,h,i)perylene
Concen: 45.766 ng
RT: 17.72 min Scan# 2657
Delta R.T. 0.01 min
Lab File: BF110456.D
Acq: 5 Nov 2018 11:11

Tgt Ion	Ratio	Lower	Upper
276	100		
277	22.2	18.8	28.2
138	22.8	16.0	24.0

