

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF103118\
 Data File : BF110347.D
 Acq On : 31 Oct 2018 21:50
 Operator : JU/SJ
 Sample : PB114334BS
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB114334BS

Manual Integrations
 APPROVED

Sohil
 11/1/2018 10:46:00 AM

Quant Time: Nov 01 04:35:55 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF102318.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Oct 31 14:18:16 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.97	152	89349	20.00	ng	0.00
21) Naphthalene-d8	8.26	136	362577	20.00	ng	0.00
39) Acenaphthene-d10	10.02	164	171244	20.00	ng	0.00
64) Phenanthrene-d10	11.52	188	281955	20.00	ng	0.00
76) Chrysene-d12	14.17	240	170853	20.00	ng	0.00
87) Perylene-d12	15.70	264	124098	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.60	112	389153	70.93	ng	0.01
7) Phenol-d6	6.60	99	488313	69.58	ng	0.00
23) Nitrobenzene-d5	7.54	82	445097	72.81	ng	0.00
42) 2,4,6-Tribromophenol	10.82	330	109081	64.31	ng	0.00
45) 2-Fluorobiphenyl	9.33	172	850017	77.94	ng	0.00
79) Terphenyl-d14	13.10	244	659046	80.22	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.89	88	66484	23.128	ng	87
3) Pyridine	3.66	79	195610	30.551	ng	86
4) n-Nitrosodimethylamine	3.62	42	99705	37.169	ng	88
6) Aniline	6.63	93	139497	15.259	ng	# 55
8) 2-Chlorophenol	6.76	128	230946	36.509	ng	97
9) Benzaldehyde	6.53	77	160733	39.216	ng	97
10) Phenol	6.61	94	274386	36.577	ng	# 67
11) bis(2-Chloroethyl)ether	6.70	93	202099	32.746	ng	94
12) 1,3-Dichlorobenzene	6.92	146	232301	33.370	ng	97
13) 1,4-Dichlorobenzene	6.99	146	235776	33.488	ng	99
14) 1,2-Dichlorobenzene	7.15	146	222455	34.036	ng	98
15) Benzyl Alcohol	7.11	79	194526	36.039	ng	95
16) 2,2'-oxybis(1-Chloropropan	7.24	45	325531	32.989	ng	70
17) 2-Methylphenol	7.22	107	184083	36.514	ng	# 81
18) Hexachloroethane	7.48	117	73953	28.690	ng	92
19) n-Nitroso-di-n-propylamine	7.38	70	151585	33.668	ng	97
20) 3+4-Methylphenols	7.37	107	235273	36.104	ng	# 76
22) Acetophenone	7.38	105	305410	36.556	ng	# 94
24) Nitrobenzene	7.56	77	230837	36.576	ng	95
25) Isophorone	7.79	82	419584	40.267	ng	96
26) 2-Nitrophenol	7.87	139	104500	34.796	ng	94
27) 2,4-Dimethylphenol	7.90	122	209744	42.124	ng	98
28) bis(2-Chloroethoxy)methane	8.00	93	264304	37.338	ng	99
29) 2,4-Dichlorophenol	8.12	162	189548	37.680	ng	99
30) 1,2,4-Trichlorobenzene	8.20	180	201355	35.735	ng	96
31) Naphthalene	8.28	128	649069	38.841	ng	100
32) Benzoic acid	8.02	122	72655	18.879	ng	94
33) 4-Chloroaniline	8.33	127	70030	9.312	ng	97
34) Hexachlorobutadiene	8.39	225	109804	35.096	ng	99
35) Caprolactam	8.70	113	67586m	38.547	ng	
36) 4-Chloro-3-methylphenol	8.81	107	207436	38.133	ng	96
37) 2-Methylnaphthalene	8.97	142	448898	40.601	ng	99
38) 1-Methylnaphthalene	9.07	142	421962	39.493	ng	99
40) 1,2,4,5-Tetrachlorobenzene	9.14	216	189697	35.553	ng	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	9.12	237	50964	18.680	nq	98
43) 2,4,6-Trichlorophenol	9.25	196	124628	36.214	nq	95
44) 2,4,5-Trichlorophenol	9.29	196	133893	36.807	nq	96
46) 1,1'-Biphenyl	9.43	154	548231	35.403	nq	100
47) 2-Chloronaphthalene	9.46	162	409563	36.056	nq	98
48) 2-Nitroaniline	9.56	65	132955	38.625	nq	91
49) Acenaphthylene	9.88	152	638178	38.898	nq	98
50) Dimethylphthalate	9.73	163	492756	38.981	nq	100
51) 2,6-Dinitrotoluene	9.80	165	102456	37.628	nq	86
52) Acenaphthene	10.06	154	378566	34.879	nq	98
53) 3-Nitroaniline	9.97	138	76573	23.648	nq	84
54) 2,4-Dinitrophenol	10.09	184	16111	19.119	nq	96
55) Dibenzofuran	10.23	168	550190	36.206	nq	99
56) 4-Nitrophenol	10.14	139	192510	80.329	nq	98
57) 2,4-Dinitrotoluene	10.21	165	127851	36.967	nq	92
58) Fluorene	10.57	166	437428	38.677	nq	99
59) 2,3,4,6-Tetrachlorophenol	10.34	232	99138	33.436	nq	# 94
60) Diethylphthalate	10.43	149	482903	39.135	nq	98
61) 4-Chlorophenyl-phenylether	10.56	204	212938	35.691	nq	99
62) 4-Nitroaniline	10.59	138	99784	30.984	nq	91
63) Azobenzene	10.72	77	443443	36.204	nq	95
65) 4,6-Dinitro-2-methylphenol	10.62	198	14999	11.644	nq	89
66) n-Nitrosodiphenylamine	10.67	169	391555	42.339	nq	97
67) 4-Bromophenyl-phenylether	11.05	248	120869	39.520	nq	94
68) Hexachlorobenzene	11.12	284	120203	37.042	nq	# 89
69) Atrazine	11.20	200	126278	43.207	nq	99
70) Pentachlorophenol	11.32	266	91916	48.576	nq	98
71) Phenanthrene	11.54	178	574408	38.934	nq	100
72) Anthracene	11.59	178	592964	40.098	nq	99
73) Carbazole	11.74	167	501155	34.709	nq	100
74) Di-n-butylphthalate	12.06	149	690433	42.340	nq	99
75) Fluoranthene	12.73	202	510518	34.096	nq	100
77) Benzidine	12.85	184	307960	Below	Cal	96
78) Pyrene	12.97	202	495999	40.494	nq	99
80) Butylbenzylphthalate	13.56	149	235295	44.258	nq	98
81) Benzo(a)anthracene	14.16	228	406967	40.167	nq	99
82) 3,3'-Dichlorobenzidine	14.11	252	119217	33.791	nq	100
83) Chrysene	14.19	228	378509	39.332	nq	99
84) Bis(2-ethylhexyl)phthalate	14.12	149	313699	43.650	nq	96
85) Di-n-octyl phthalate	14.73	149	505329	45.220	nq	99
86) Indeno(1,2,3-cd)pyrene	17.29	276	252037	31.570	nq	97
88) Benzo(b)fluoranthene	15.24	252	306190	42.727	nq	99
89) Benzo(k)fluoranthene	15.27	252	308140	43.738	nq	99
90) Benzo(a)pyrene	15.64	252	276732	41.967	nq	99
91) Dibenzo(a,h)anthracene	17.30	278	213048	37.444	nq	99
92) Benzo(g,h,i)perylene	17.77	276	199974	35.667	nq	99

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

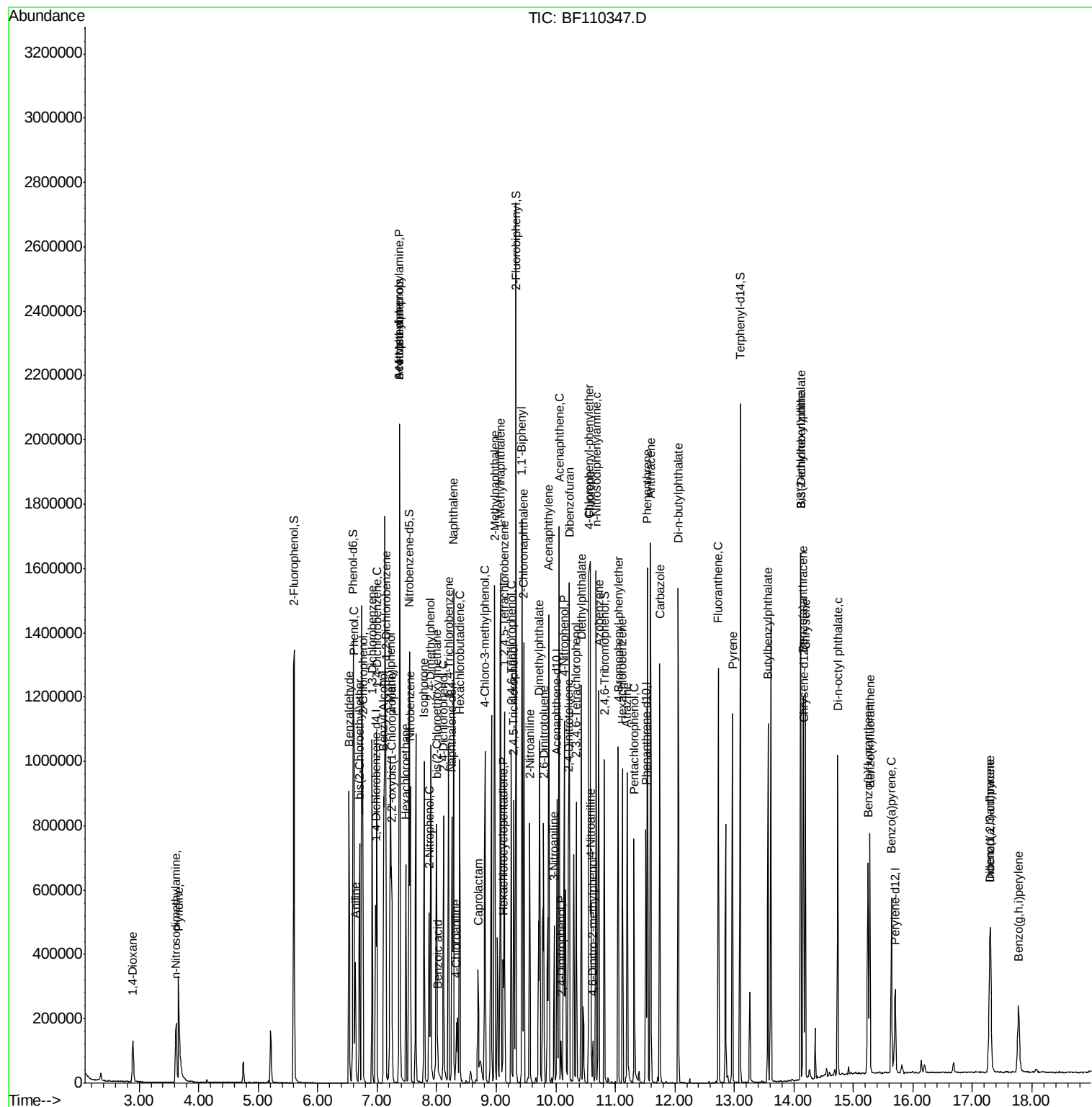
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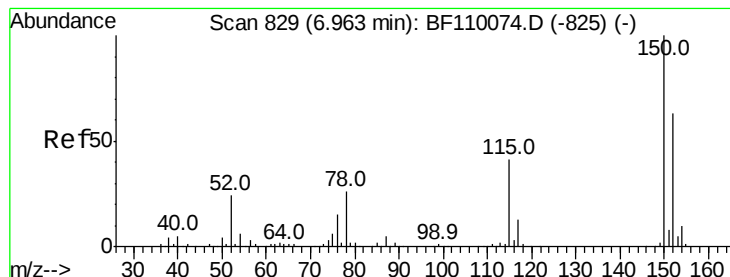
Instrument :
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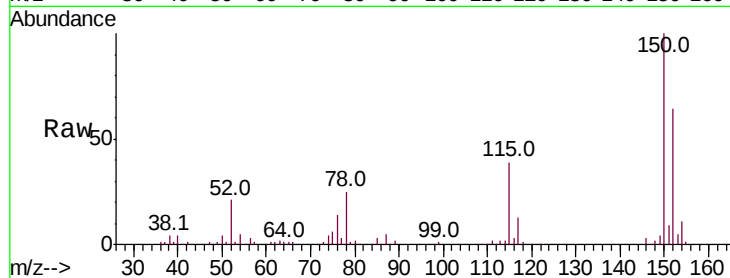
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.97 min Scan# 831
 Delta R.T. -0.00 min
 Lab File: BF110347.D
 Acq: 31 Oct 2018 21:50

Instrument :
 BNA_F
 ClientSampleId :
 PB114334BS

Tot Ion	Ratio	Lower	Upper
152	100		
150	155.4	122.7	184.1
115	59.9	49.1	73.7

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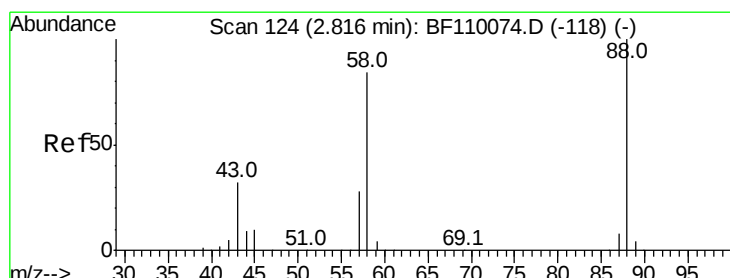
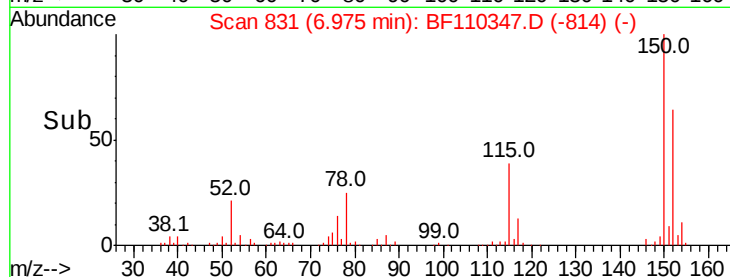
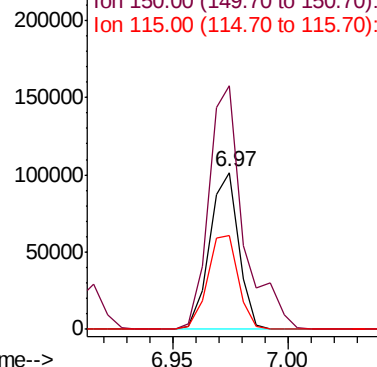


Abundance

Ion 152.00 (151.70 to 152.70): E

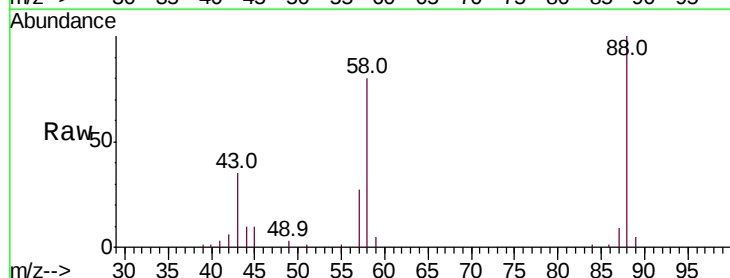
Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2
 1,4-Dioxane
 Concen: 23.128 ng
 RT: 2.89 min Scan# 137
 Delta R.T. 0.10 min
 Lab File: BF110347.D
 Acq: 31 Oct 2018 21:50

Tgt Ion	Ratio	Lower	Upper
88	100		
58	84.2	57.1	85.7
43	33.3	24.1	36.1

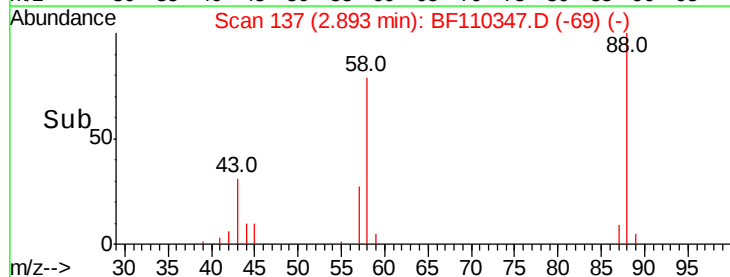
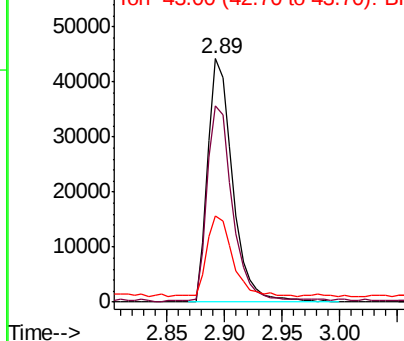


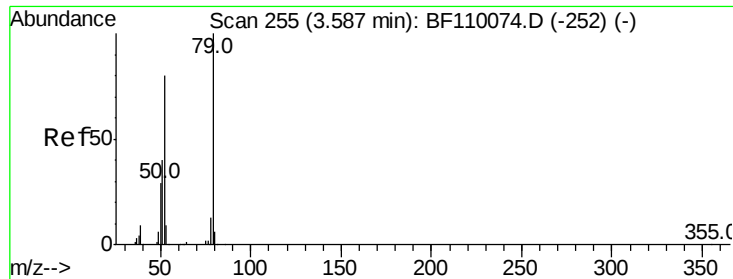
Abundance

Ion 88.00 (87.70 to 88.70): BF1

Ion 58.00 (57.70 to 58.70): BF1

Ion 43.00 (42.70 to 43.70): BF1





#3

Pvridine

Concen: 30.551 ng

RT: 3.66 min Scan# 268

Delta R.T. 0.08 min

Lab File: BF110347.D

Acq: 31 Oct 2018 21:50

Instrument :

BNA_F

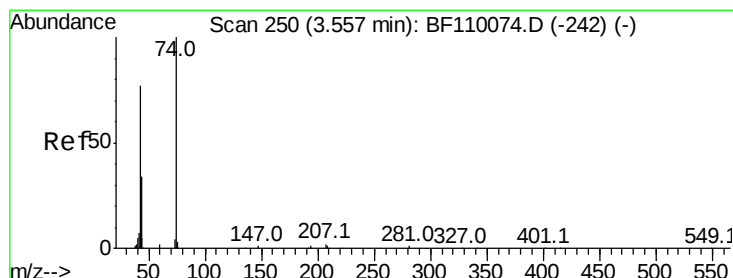
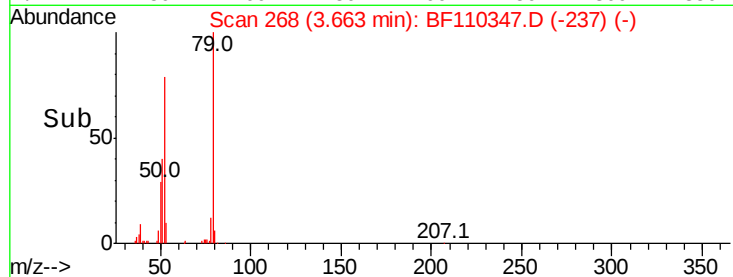
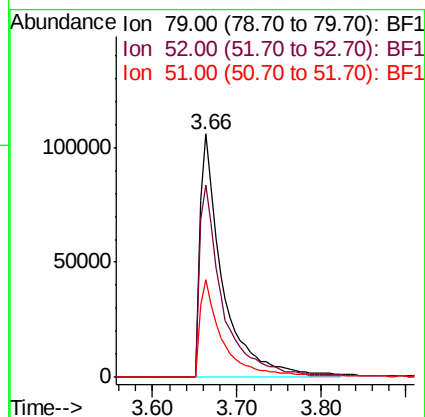
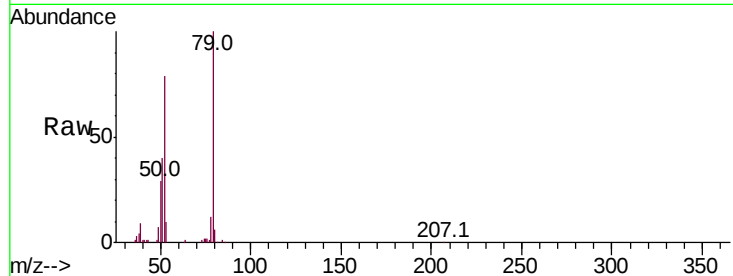
ClientSampleId :

PB114334BS

Tot Ion:	79	Resp:	195610
Ion Ratio	Lower	Upper	
79	100		
52	79.0	53.1	79.7
51	40.0	27.4	41.2

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#4

n-Nitrosodimethylamine

Concen: 37.169 ng

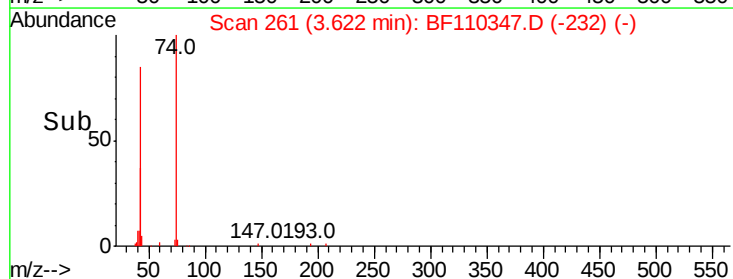
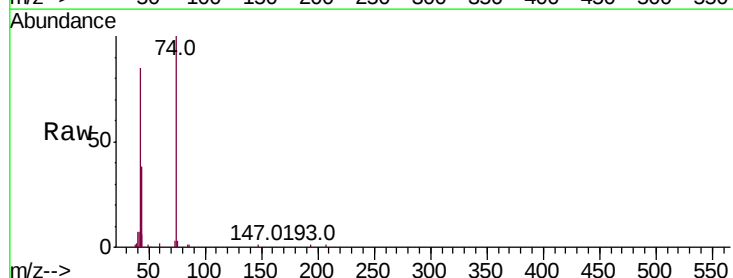
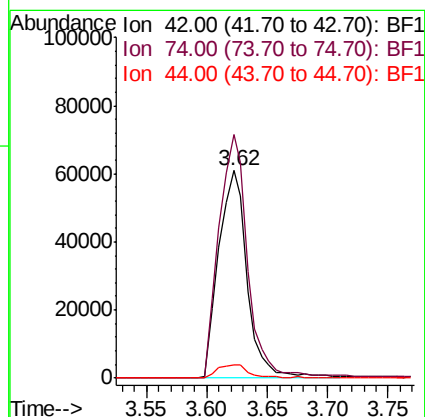
RT: 3.62 min Scan# 261

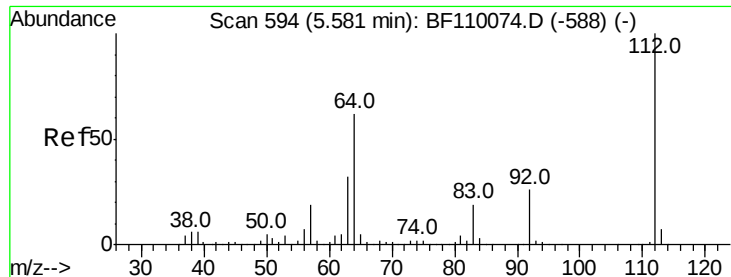
Delta R.T. 0.07 min

Lab File: BF110347.D

Acq: 31 Oct 2018 21:50

Tgt Ion:	42	Resp:	99705
Ion Ratio	Lower	Upper	
42	100		
74	117.4	105.5	158.3
44	6.6	4.9	7.3





#5

2-Fluorophenol

Concen: 70.926 ng

RT: 5.60 min Scan# 598

Delta R.T. 0.01 min

Lab File: BF110347.D

Acq: 31 Oct 2018 21:50

Instrument :

BNA_F

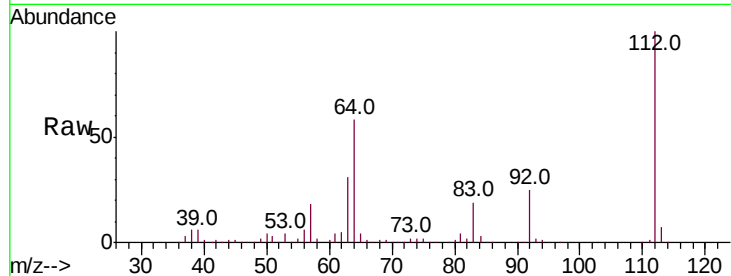
ClientSampleId :

PB114334BS

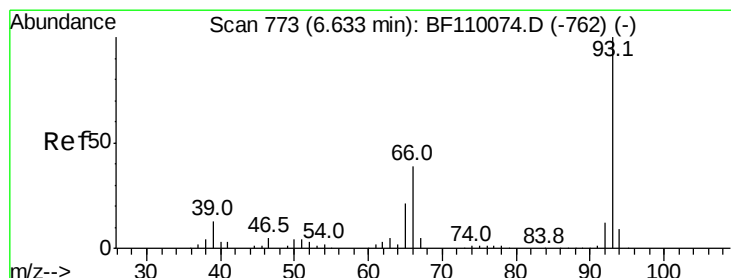
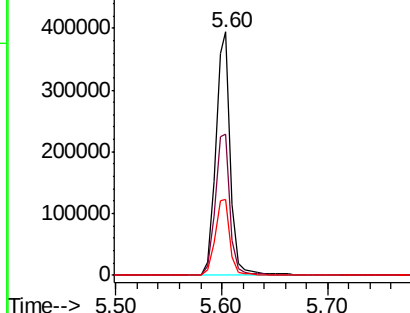
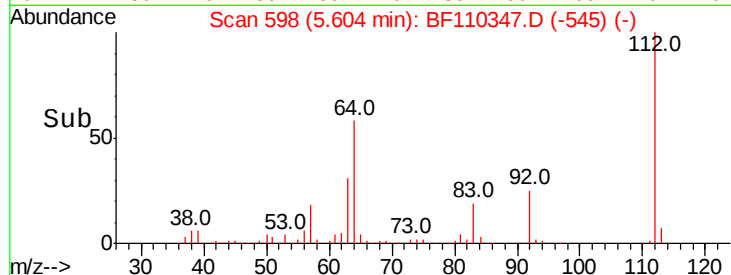
Tot Ion:	112	Resp:	389153
Ion Ratio	Lower	Upper	
112	100		
64	57.8	44.1	66.1
63	31.0	23.7	35.5

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



#6

Aniline

Concen: 15.259 ng

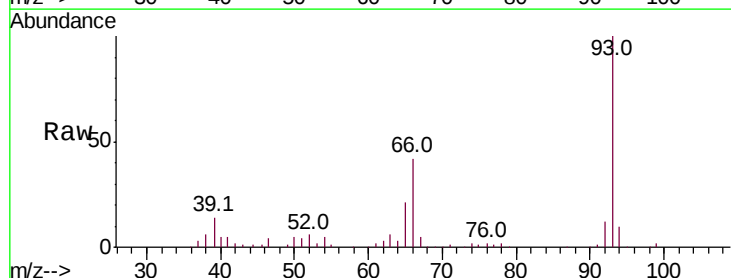
RT: 6.63 min Scan# 773

Delta R.T. -0.01 min

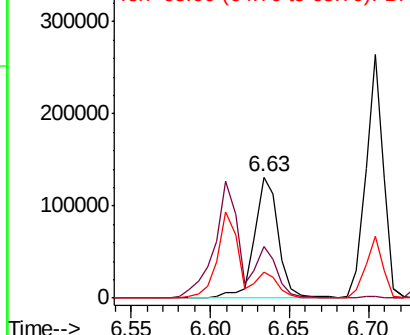
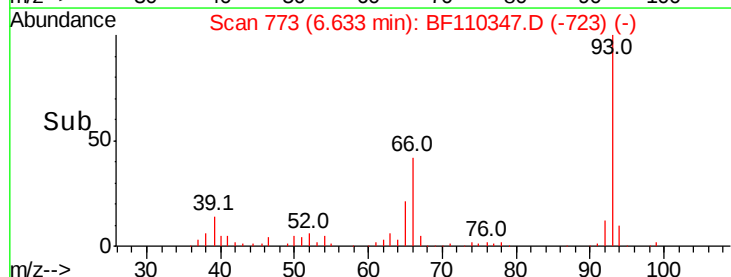
Lab File: BF110347.D

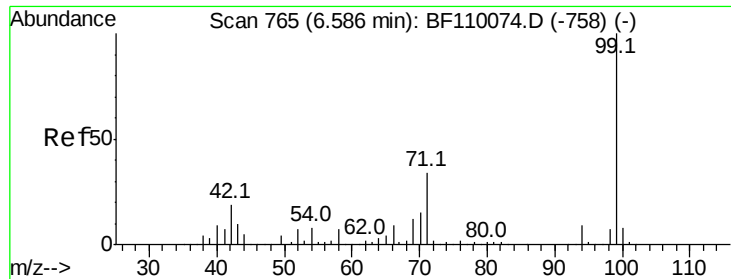
Acq: 31 Oct 2018 21:50

Tgt Ion:	93	Resp:	139497
Ion Ratio	Lower	Upper	
93	100		
66	42.1	67.4	101.0#
65	21.1	41.0	61.4#



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





#7

Phenol-d6

Concen: 69.580 ng

RT: 6.60 min Scan# 767

Delta R.T. -0.01 min

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Instrument :

BNA_F

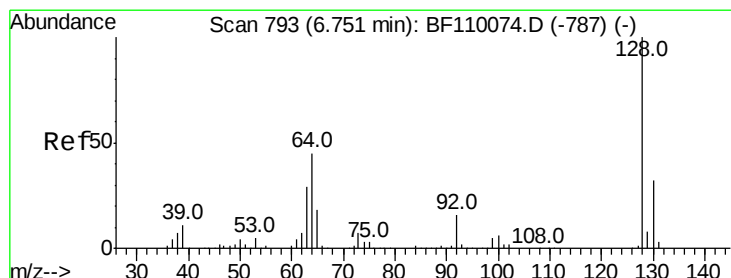
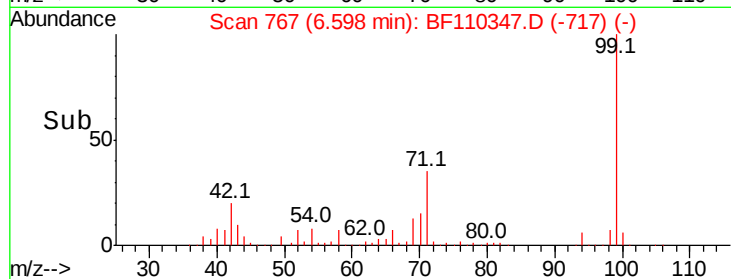
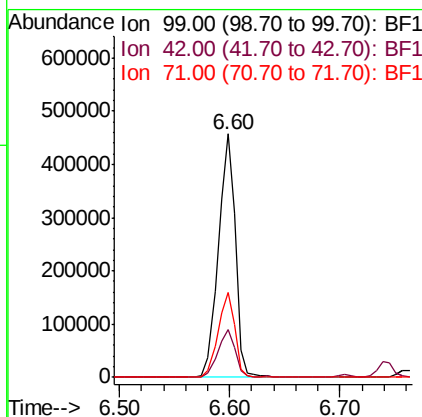
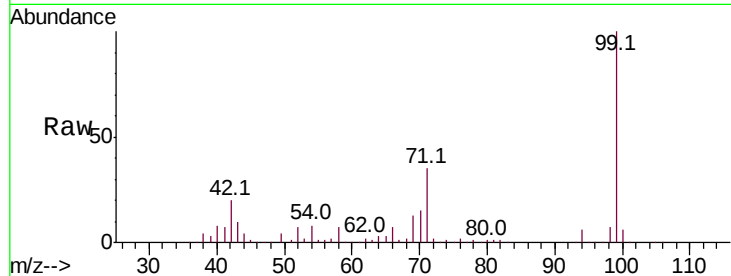
ClientSampleId :

PB114334BS

Tot Ion:	99	Resp:	488313
Ion Ratio	Lower	Upper	
99	100		
42	19.6	15.8	23.6
71	35.0	28.0	42.0

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#8

2-Chlorophenol

Concen: 36.509 ng

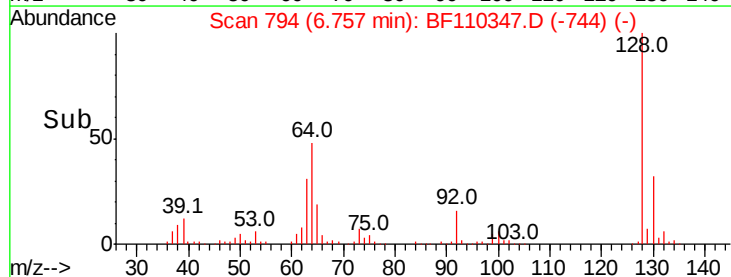
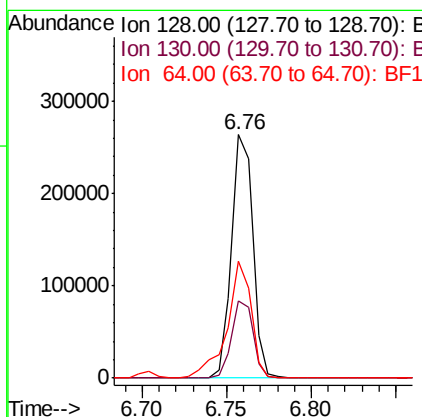
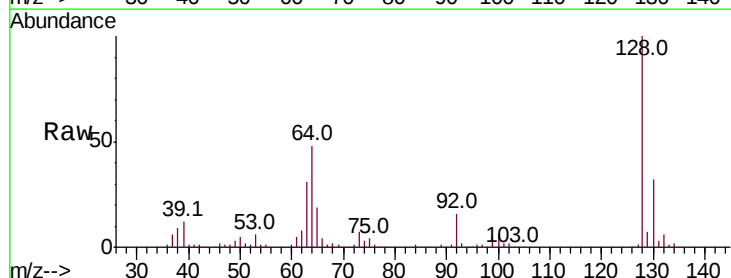
RT: 6.76 min Scan# 794

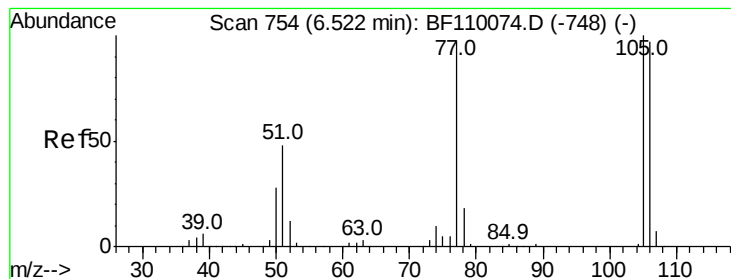
Delta R.T. -0.01 min

Lab File: BF110347.D

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Tgt Ion:	128	Resp:	230946
Ion Ratio	Lower	Upper	
128	100		
130	31.8	13.1	53.1
64	48.1	26.0	66.0





#9

Benzaldehyde

Concen: 39.216 ng

RT: 6.53 min Scan# 755

Delta R.T. -0.00 min

Lab File: BF110347.D

Acq: 31 Oct 2018 21:50

Instrument :

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Tot Ion: 77 Resp: 160733

Ion Ratio Lower Upper

77 100

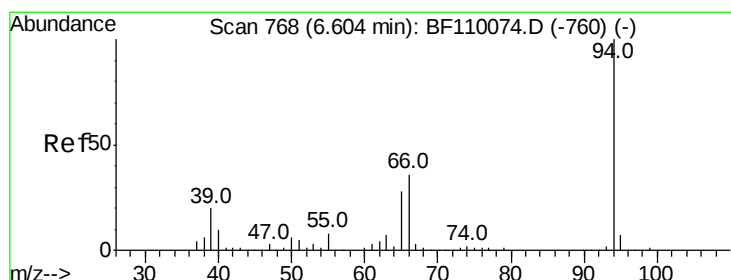
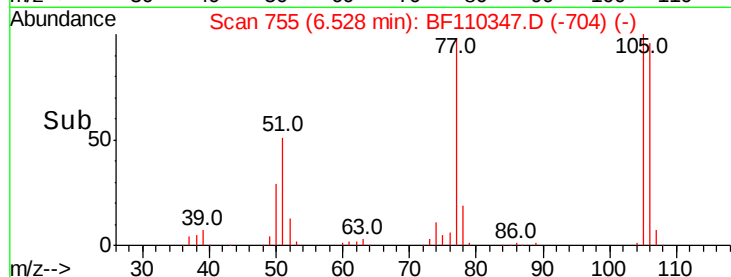
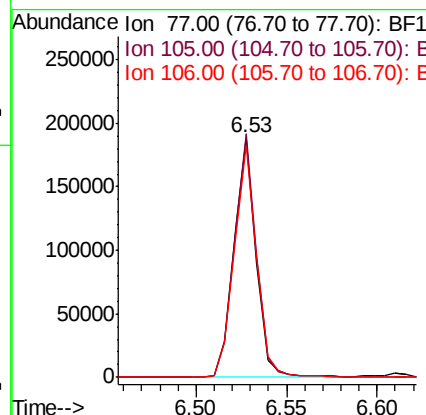
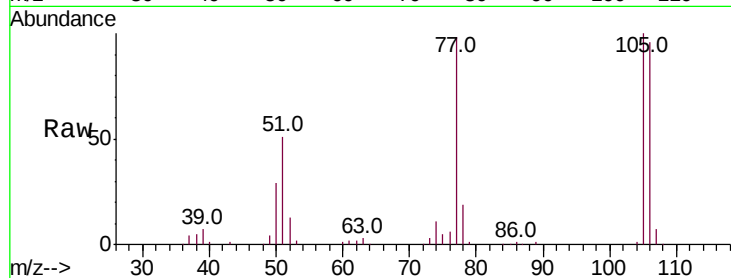
105 101.7 78.6 118.6

106 97.2 74.8 114.8

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#10

Phenol

Concen: 36.577 ng

RT: 6.61 min Scan# 769

Delta R.T. -0.01 min

Lab File: BF110347.D

Acq: 31 Oct 2018 21:50

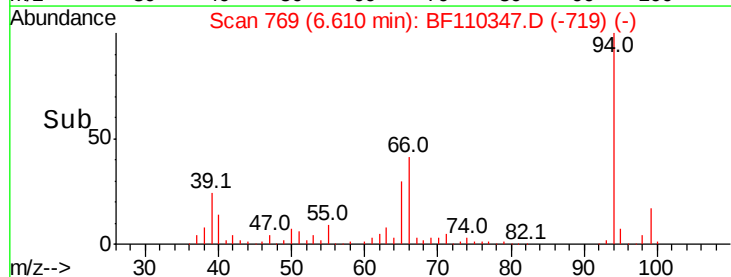
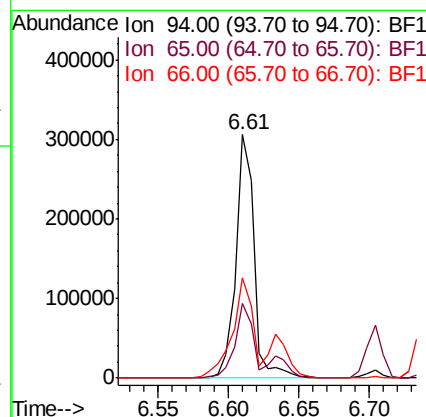
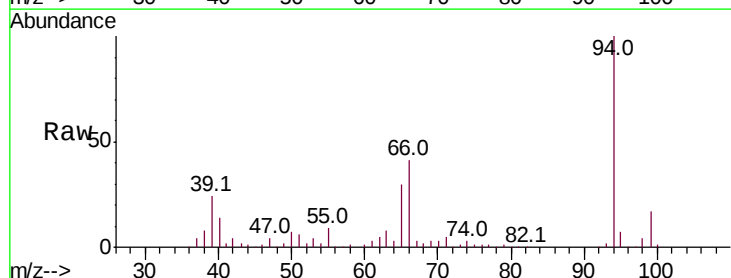
Tgt Ion: 94 Resp: 274386

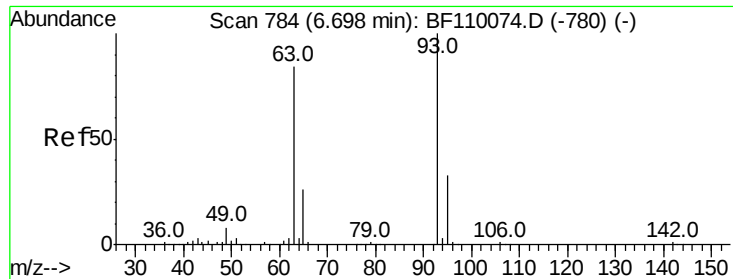
Ion Ratio Lower Upper

94 100

65 30.5 25.3 65.3

66 41.3 54.5 94.5#





#11

bis(2-Chloroethyl)ether

Concen: 32.746 ng

RT: 6.70 min Scan# 785

Delta R.T. -0.01 min

Lab File: BF110347.D

Acq: 31 Oct 2018 21:50

Instrument :

BNA_F

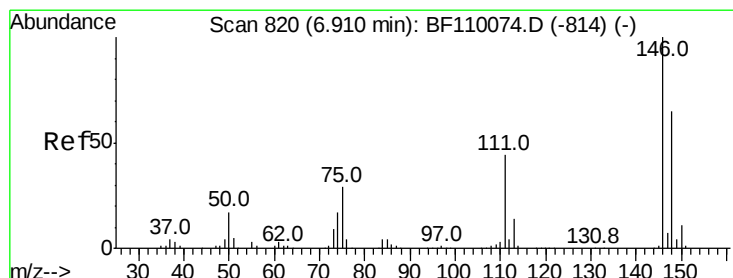
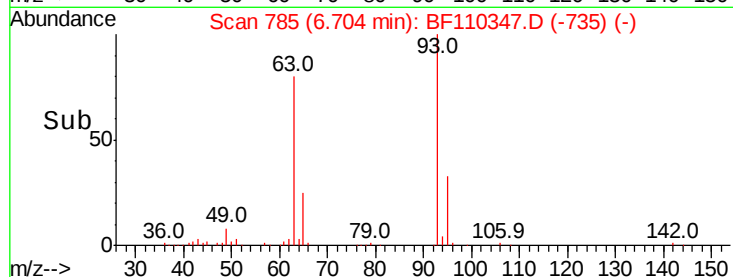
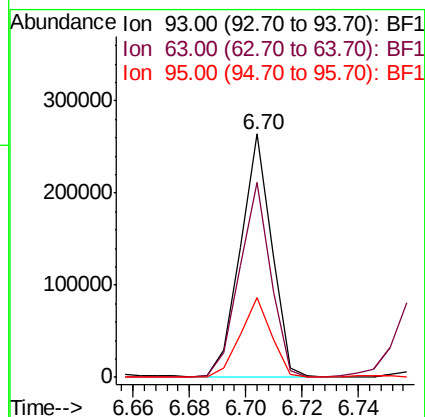
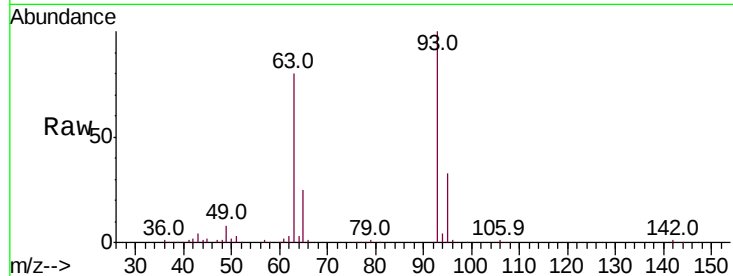
ClientSampleId :

PB114334BS

Tot Ion	93	Resp	202099
Ion Ratio	Lower	Upper	
93	100		
63	80.0	53.4	93.4
95	32.7	12.1	52.1

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#12

1,3-Dichlorobenzene

Concen: 33.370 ng

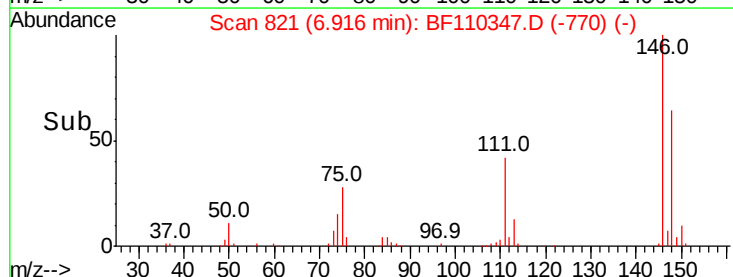
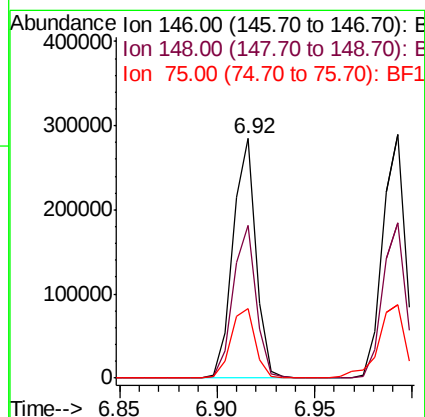
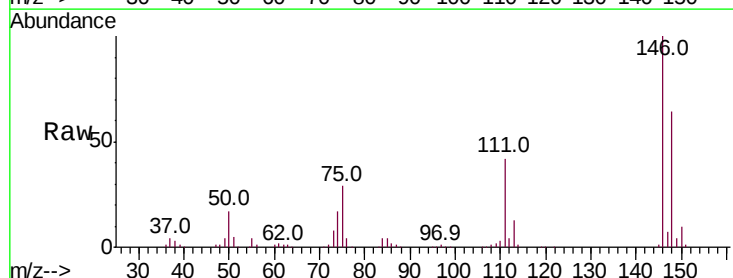
RT: 6.92 min Scan# 821

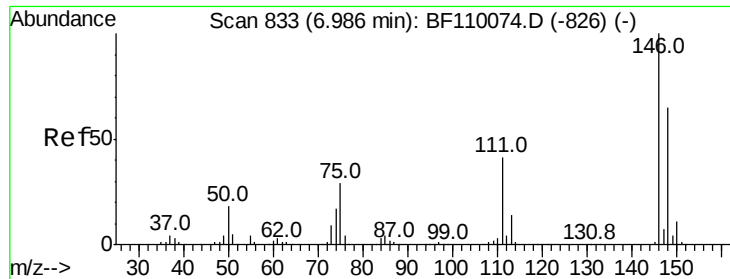
Delta R.T. -0.00 min

Lab File: BF110347.D

Acq: 31 Oct 2018 21:50

Tgt Ion	146	Resp	232301
Ion Ratio	Lower	Upper	
146	100		
148	63.9	50.4	75.6
75	29.1	25.8	38.6





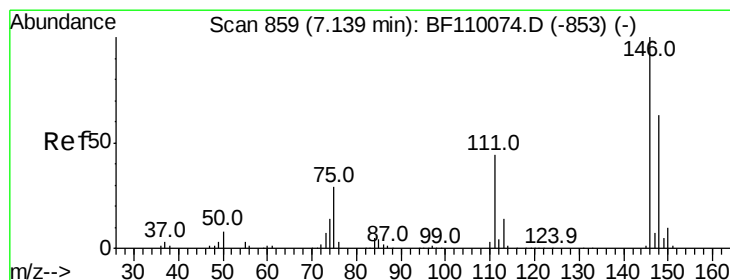
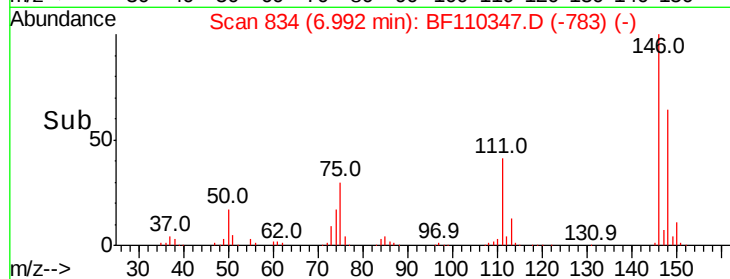
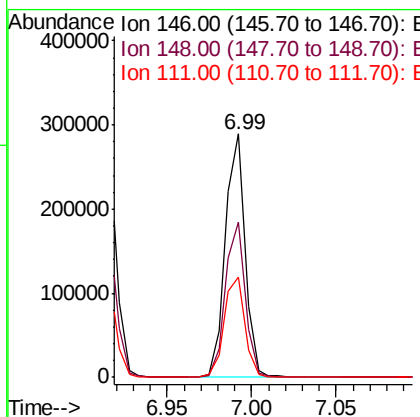
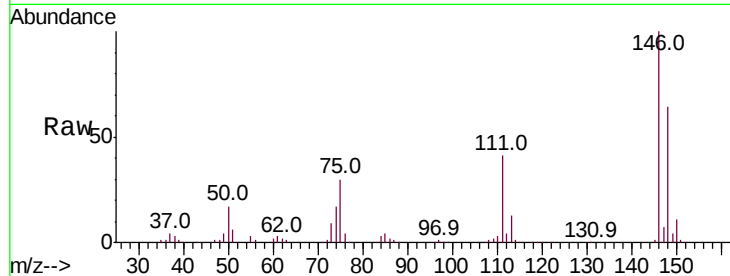
#13
 1,4-Dichlorobenzene
 Concen: 33.488 ng
 RT: 6.99 min Scan# 834
 Delta R.T. -0.00 min
 Lab File: BF110347.D
 Acq: 31 Oct 2018 21:50

Instrument :
 BNA_F
 ClientSampleId :
 PB114334BS

Tot Ion	Ratio	Lower	Upper
146	100		
148	63.6	50.3	75.5
111	40.9	32.7	49.1

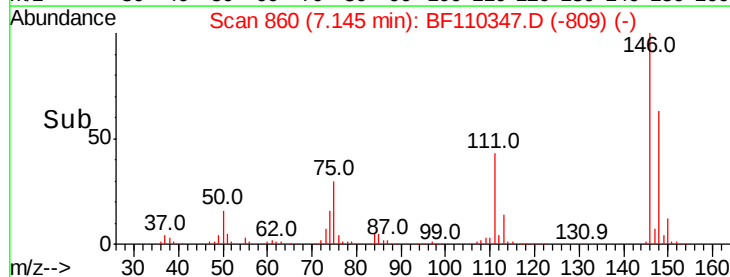
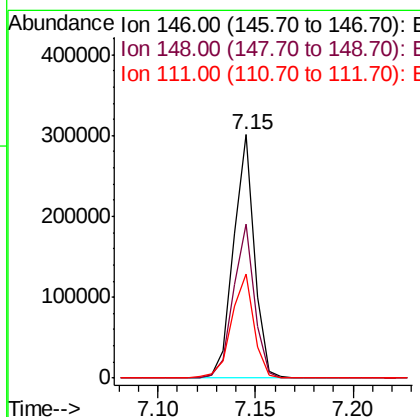
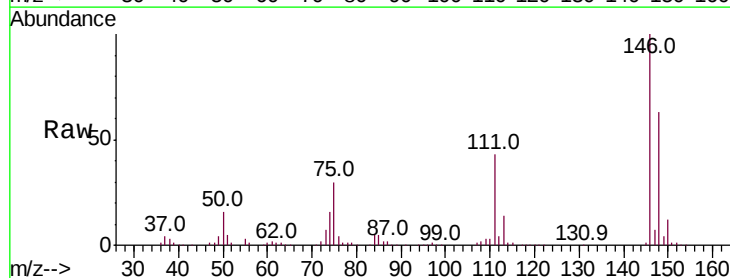
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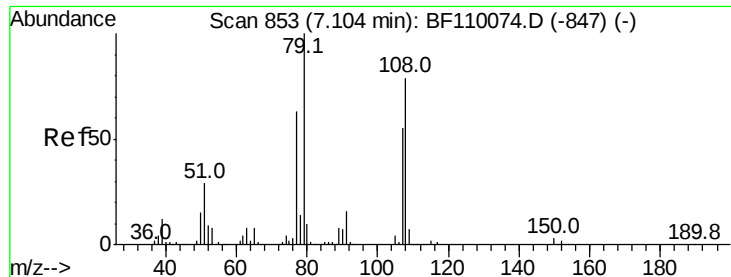
Sohil
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#14
 1,2-Dichlorobenzene
 Concen: 34.036 ng
 RT: 7.15 min Scan# 860
 Delta R.T. -0.00 min
 Lab File: BF110347.D
 Acq: 31 Oct 2018 21:50

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.3	51.1	76.7
111	42.9	35.8	53.6





#15

Benzyl Alcohol

Concen: 36.039 ng

RT: 7.11 min Scan# 854

Delta R.T. -0.01 min

Lab File: BF110347.D

Acq: 31 Oct 2018 21:50

Instrument :

BNA_F

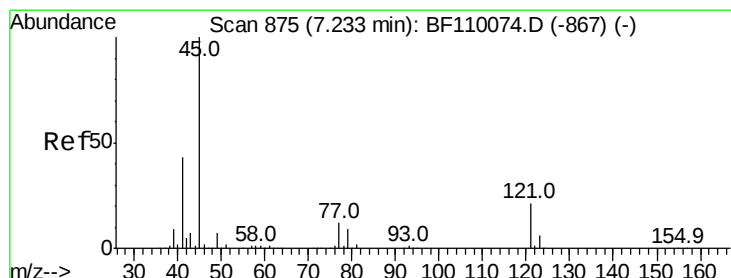
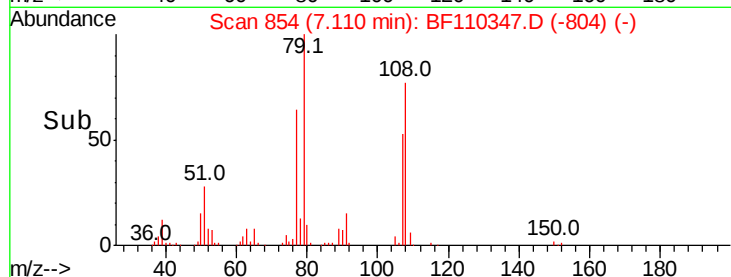
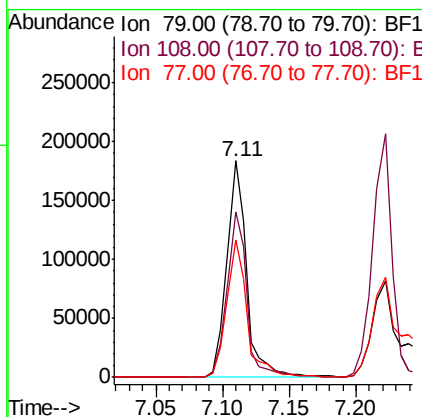
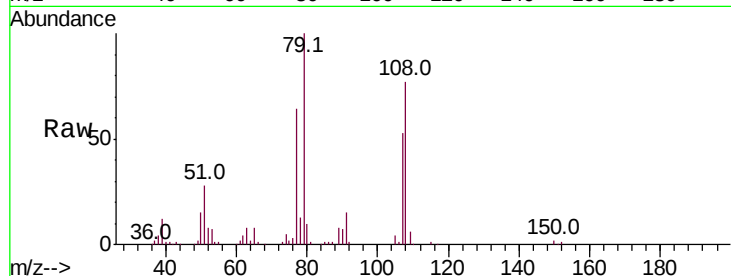
ClientSampleId :

PB114334BS

Tot Ion:	79	Resp:	194526
Ion Ratio	Lower	Upper	
79	100		
108	76.6	56.3	84.5
77	63.6	52.9	79.3

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#16

2,2'-oxybis(1-chloropropane)

Concen: 32.989 ng

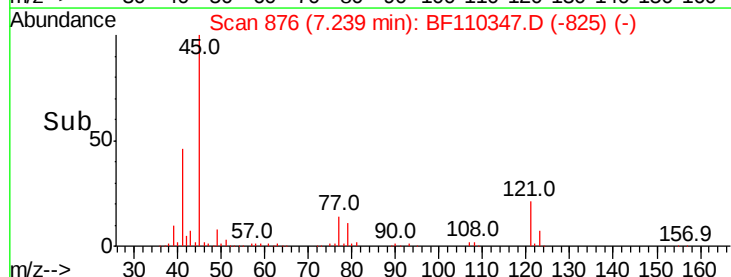
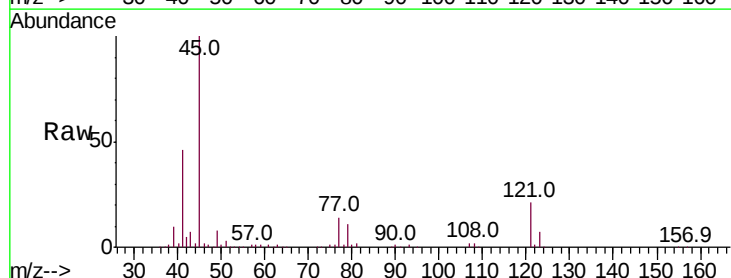
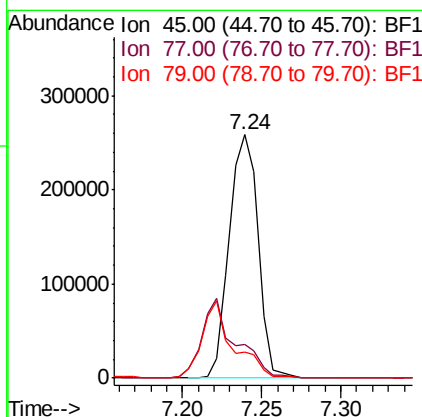
RT: 7.24 min Scan# 876

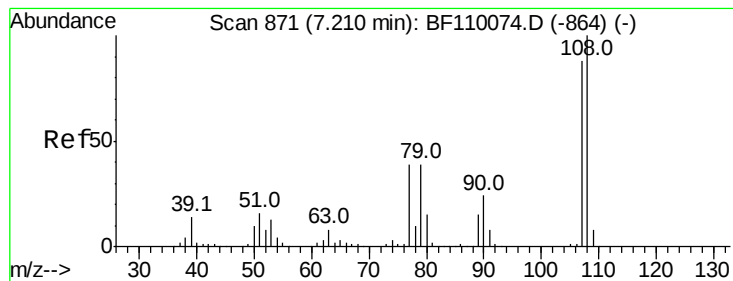
Delta R.T. -0.00 min

Lab File: BF110347.D

Acq: 31 Oct 2018 21:50

Tgt Ion:	45	Resp:	325531
Ion Ratio	Lower	Upper	
45	100		
77	14.0	10.0	50.0
79	10.9	6.1	46.1





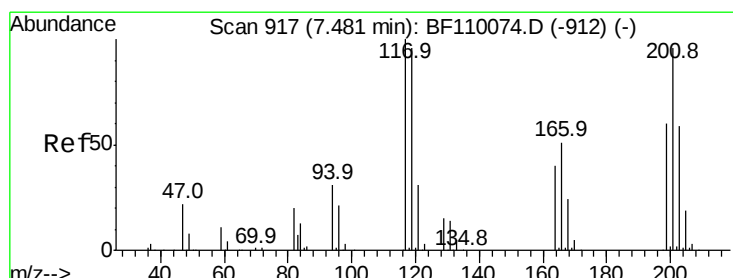
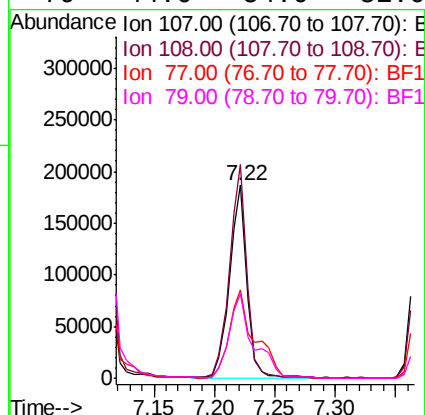
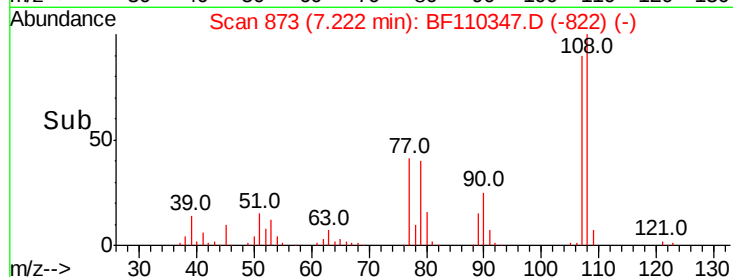
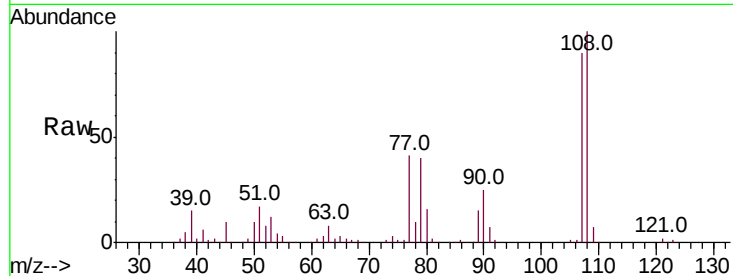
#17
2-Methylphenol
Concen: 36.514 ng
RT: 7.22 min Scan# 873
Delta R.T. -0.00 min
Lab File: BF110347.D
Acq: 31 Oct 2018 21:50

Instrument :
BNA_F
ClientSampleId :
PB114334BS

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	110.8	92.6	138.8	
77	45.7	59.4	89.2#	
79	44.0	54.0	81.0#	

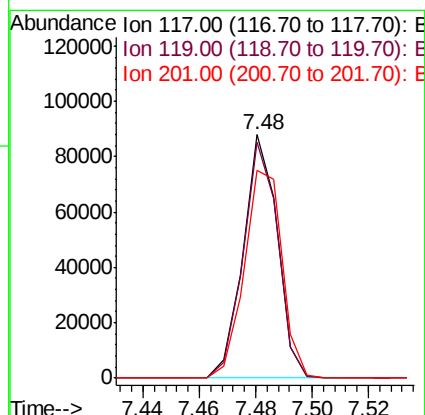
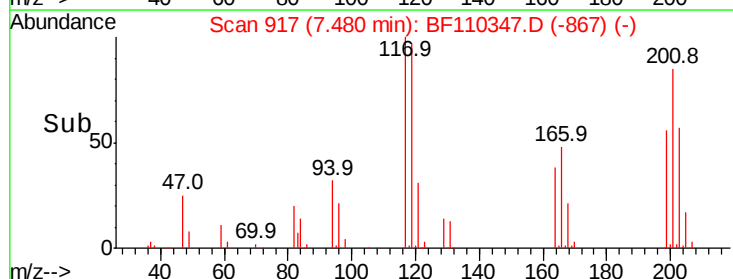
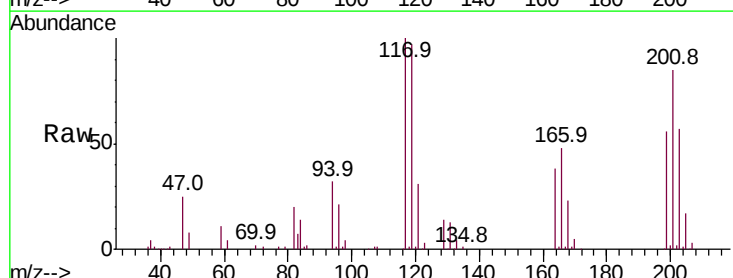
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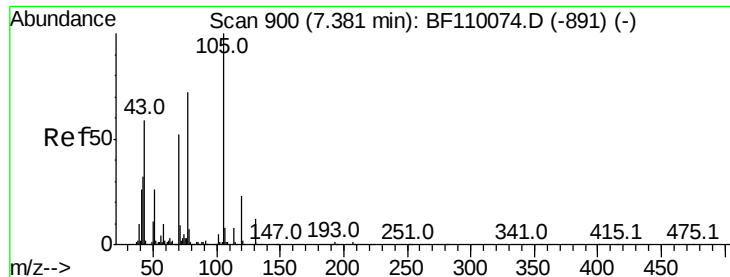
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#18
Hexachloroethane
Concen: 28.690 ng
RT: 7.48 min Scan# 917
Delta R.T. -0.01 min
Lab File: BF110347.D
Acq: 31 Oct 2018 21:50

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	96.7	75.0	112.6	
201	85.4	79.2	118.8	





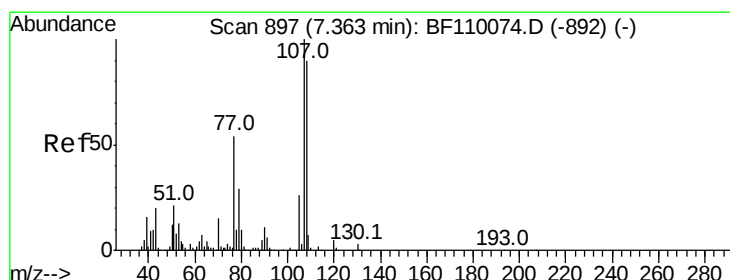
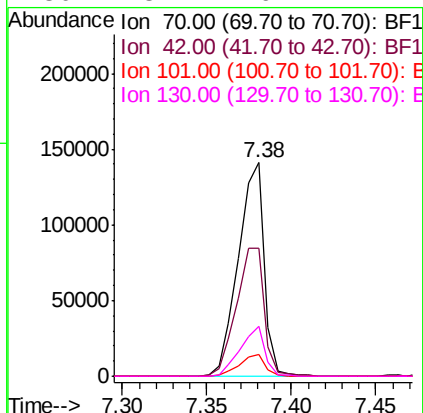
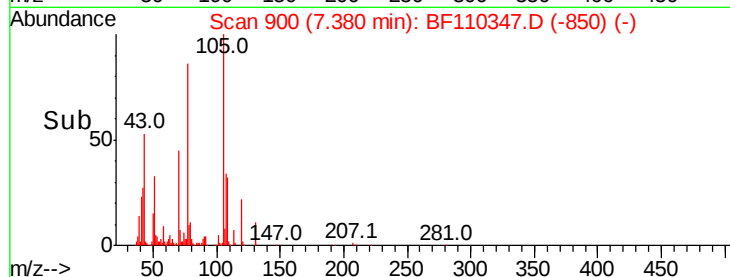
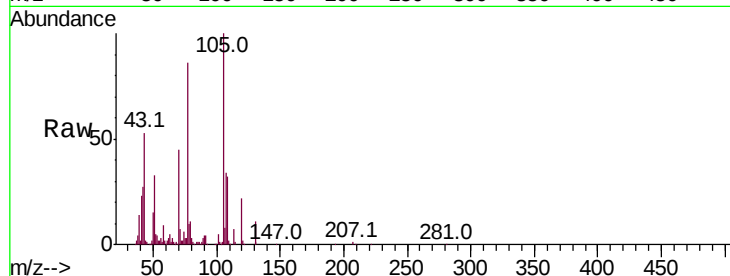
#19
n-Nitroso-di-n-propylamine
Concen: 33.668 ng
RT: 7.38 min Scan# 900
Delta R.T. -0.01 min
Lab File: BF110347.D
Acq: 31 Oct 2018 21:50

Instrument :
BNA_F
ClientSampleId :
PB114334BS

Tot Ion	Ratio	Lower	Upper
70	100		
42	60.2	47.4	71.2
101	10.0	7.3	10.9
130	23.1	16.2	24.2

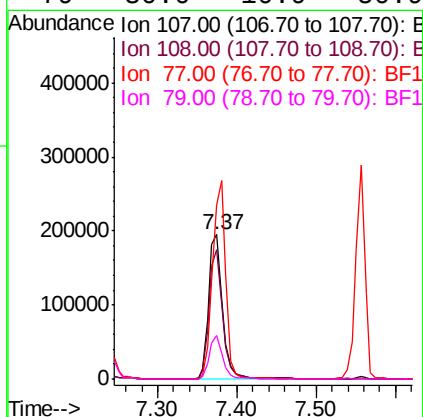
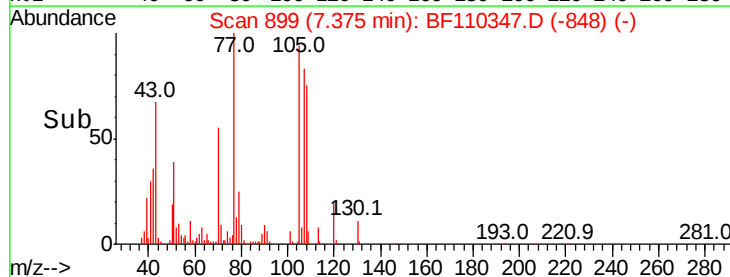
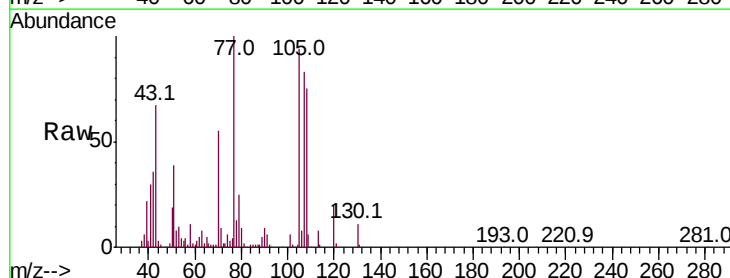
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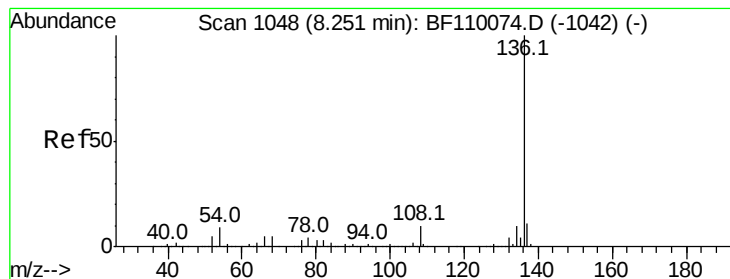
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#20
3+4-Methylphenols
Concen: 36.104 ng
RT: 7.37 min Scan# 899
Delta R.T. -0.00 min
Lab File: BF110347.D
Acq: 31 Oct 2018 21:50

Tgt Ion	Ratio	Lower	Upper
107	100		
108	89.7	71.4	111.4
77	120.1	47.3	87.3#
79	30.0	10.9	50.9





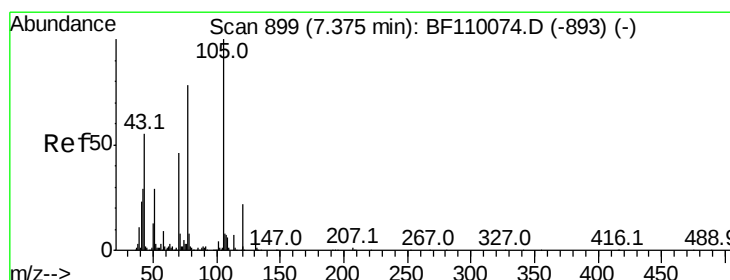
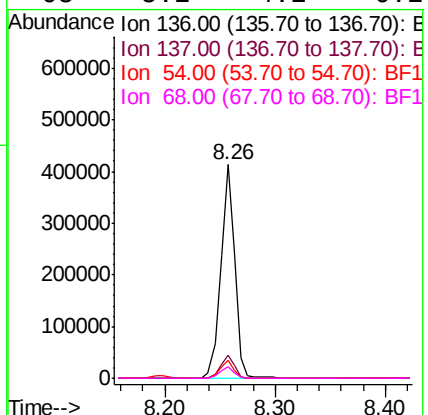
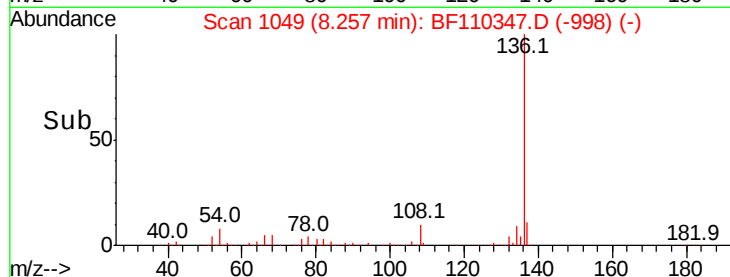
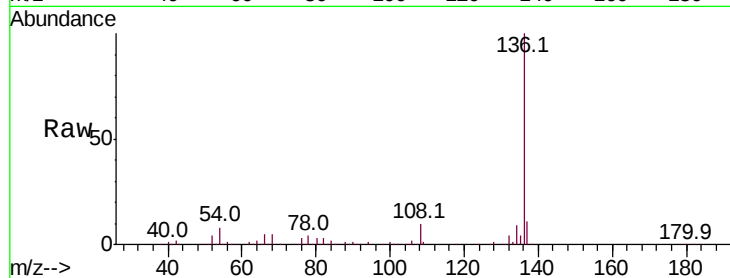
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.26 min Scan# 1049
Delta R.T. -0.00 min
Lab File: BF110347.D
Acq: 31 Oct 2018 21:50

Instrument :
BNA_F
ClientSampleId :
PB114334BS

Tot Ion	Ratio	Resp	Lower	Upper
136	100			
137	10.9	8.8	13.2	
54	8.3	5.4	8.2#	
68	5.2	4.2	6.2	

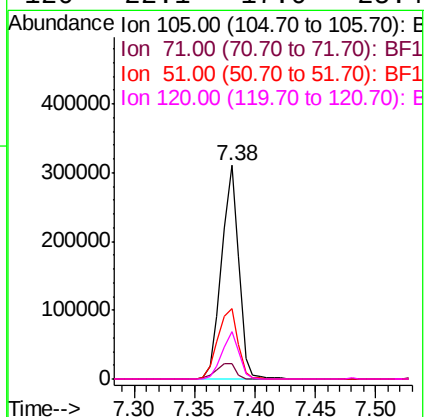
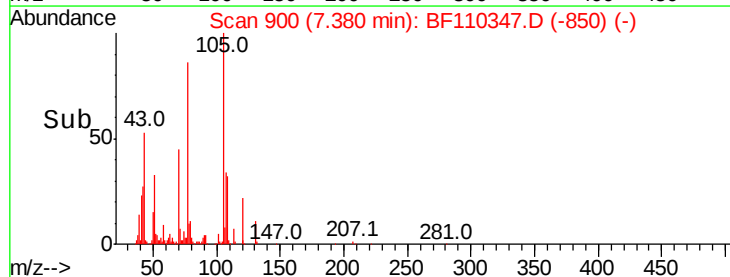
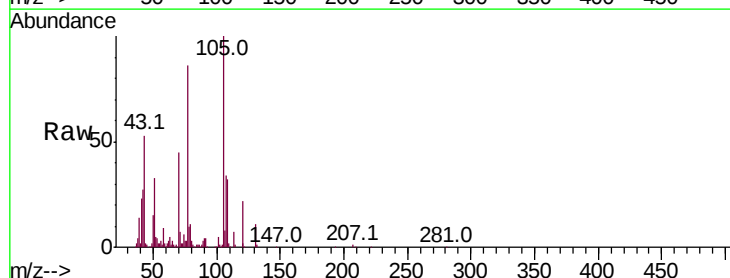
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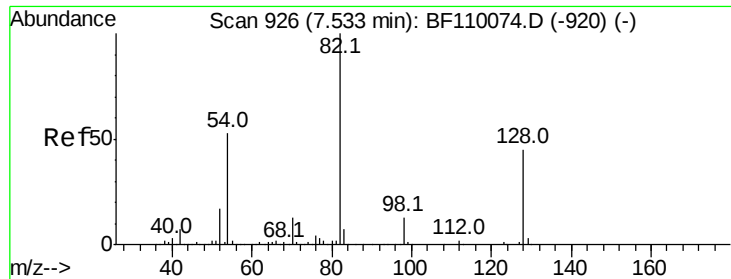
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#22
Acetophenone
Concen: 36.556 ng
RT: 7.38 min Scan# 900
Delta R.T. -0.01 min
Lab File: BF110347.D
Acq: 31 Oct 2018 21:50

Tgt Ion	Ratio	Resp	Lower	Upper
105	100			
71	7.5	5.2	7.8	
51	32.9	21.8	32.8#	
120	22.1	17.0	25.4	





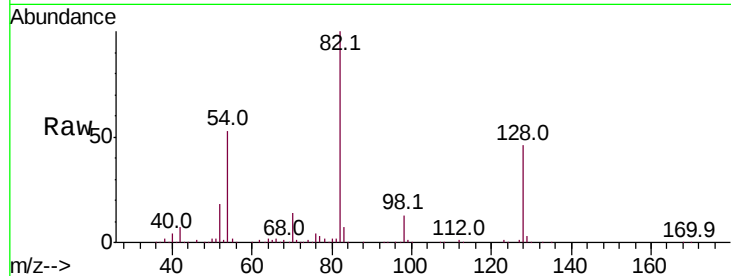
#23
Nitrobenzene-d5
Concen: 72.812 ng
RT: 7.54 min Scan# 927
Delta R.T. -0.00 min
Lab File: BF110347.D
Acq: 31 Oct 2018 21:50

Instrument :
BNA_F
ClientSampleId :
PB114334BS

Tot Ion	Ratio	Resp	Lower	Upper
82	100			
128	45.8	34.2	51.2	
54	52.6	38.6	58.0	

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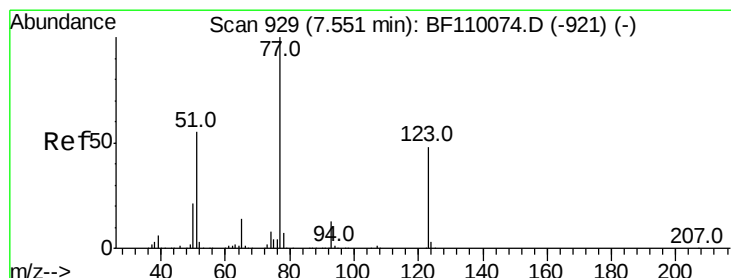
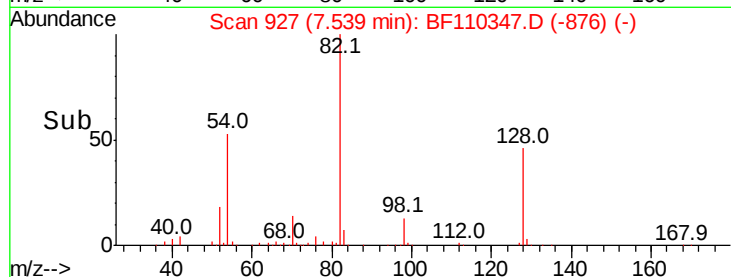
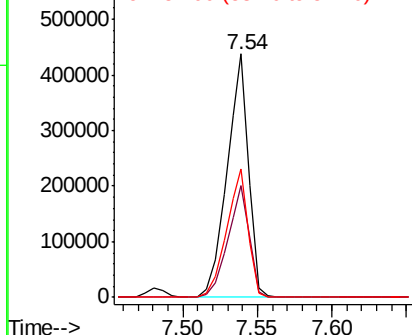


Abundance

Ion 82.00 (81.70 to 82.70): BF1

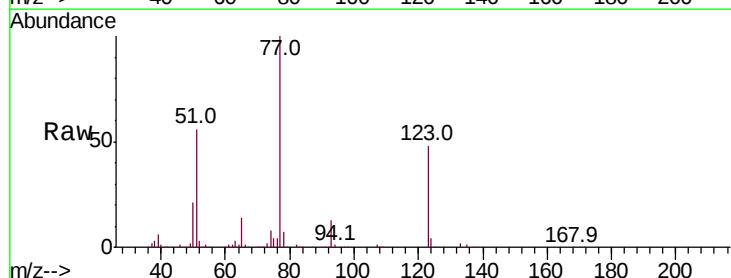
Ion 128.00 (127.70 to 128.70): BF1

Ion 54.00 (53.70 to 54.70): BF1



#24
Nitrobenzene
Concen: 36.576 ng
RT: 7.56 min Scan# 930
Delta R.T. -0.01 min
Lab File: BF110347.D
Acq: 31 Oct 2018 21:50

Tgt Ion	Ratio	Resp	Lower	Upper
77	100			
123	48.2	35.7	53.5	
65	14.1	10.7	16.1	

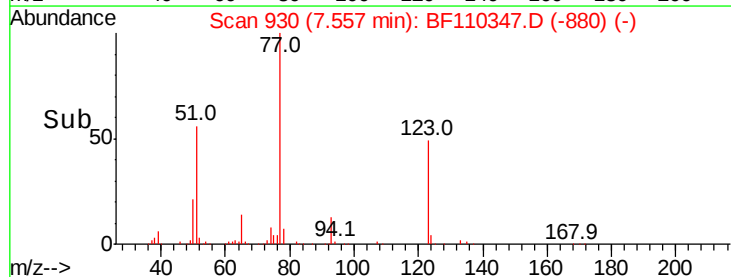
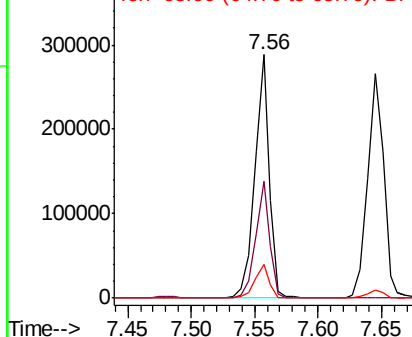


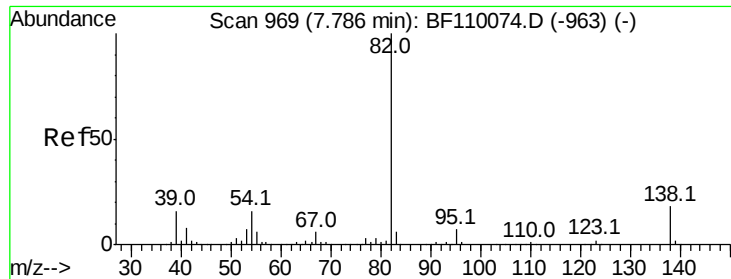
Abundance

Ion 77.00 (76.70 to 77.70): BF1

Ion 123.00 (122.70 to 123.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





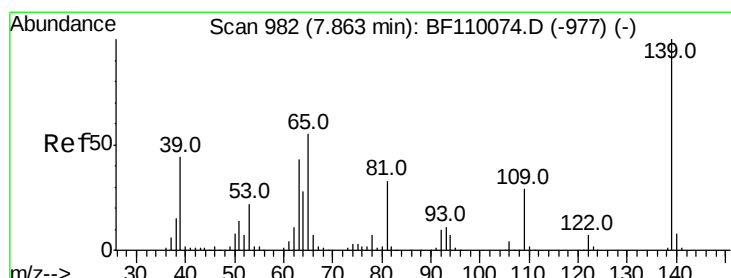
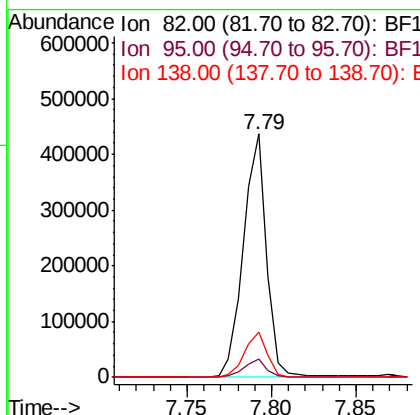
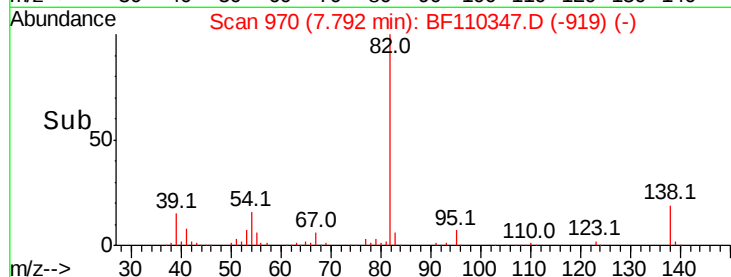
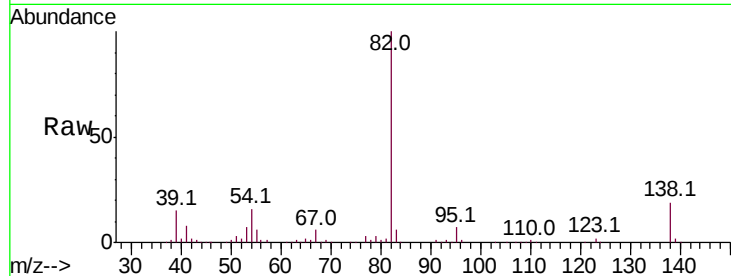
#25
Isophorone
Concen: 40.267 ng
RT: 7.79 min Scan# 970
Delta R.T. -0.00 min
Lab File: BF110347.D
Acq: 31 Oct 2018 21:50

Instrument :
BNA_F
ClientSampleId :
PB114334BS

Tot Ion	Ratio	Lower	Upper
82	100		
95	7.5	5.7	8.5
138	18.5	13.2	19.8

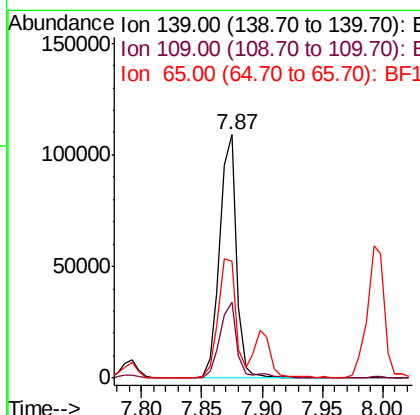
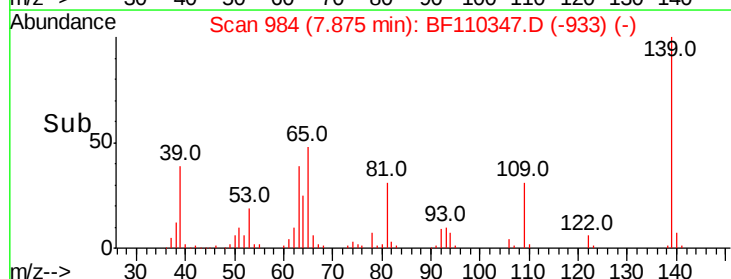
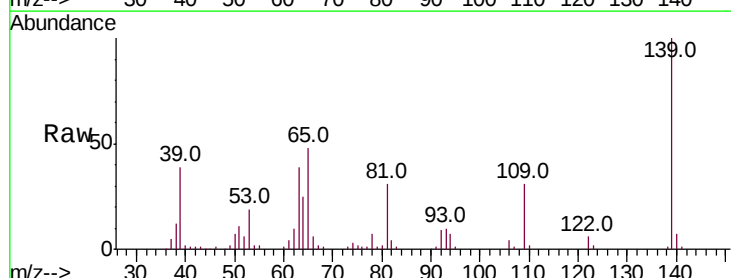
Manual Integrations
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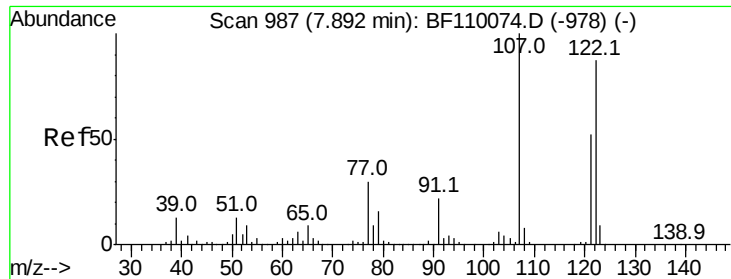
Sohil
11/1/2018 10:46:00 AM



#26
2-Nitrophenol
Concen: 34.796 ng
RT: 7.87 min Scan# 984
Delta R.T. -0.00 min
Lab File: BF110347.D
Acq: 31 Oct 2018 21:50

Tgt Ion	Ratio	Lower	Upper
139	100		
109	31.0	25.0	37.6
65	48.2	44.0	66.0





#27

2,4-Dimethylphenol

Concen: 42.124 ng

RT: 7.90 min Scan# 989

Delta R.T. -0.00 min

Lab File: BF110347.D

Acq: 31 Oct 2018 21:50

Instrument :

BNA_F

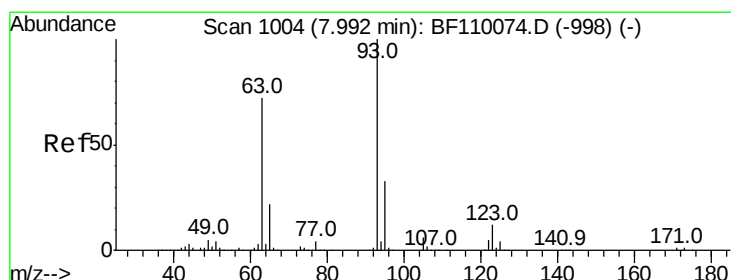
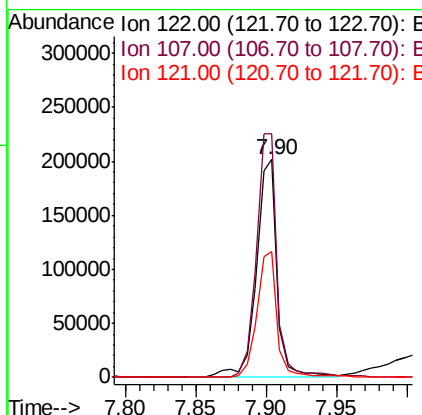
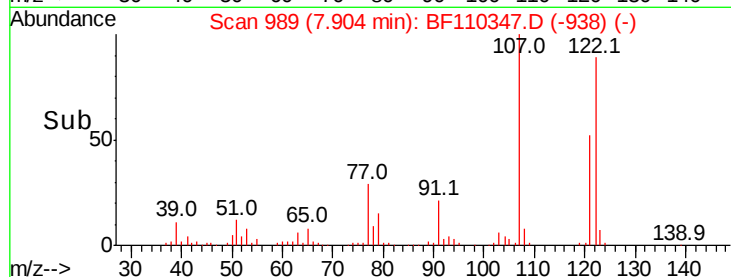
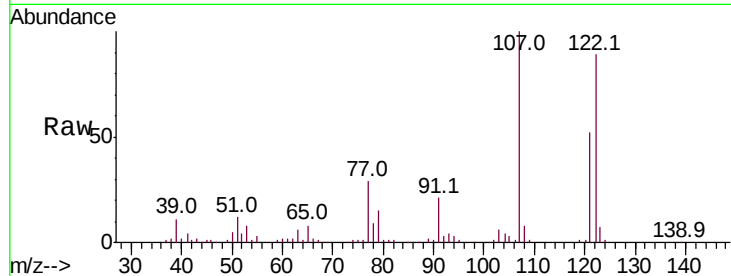
ClientSampleId :

PB114334BS

Tot Ion:	122	Resp:	209744
Ion Ratio	Lower	Upper	
122	100		
107	111.9	92.5	138.7
121	57.7	45.8	68.8

Manual Integrations
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#28

bis(2-Chloroethoxy)methane

Concen: 37.338 ng

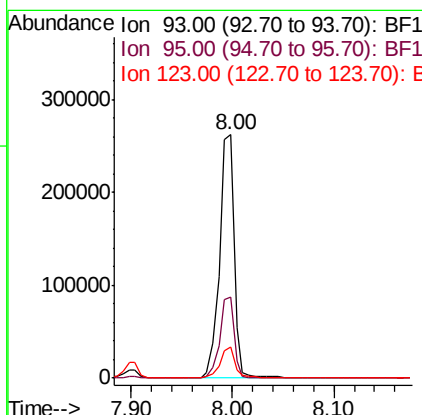
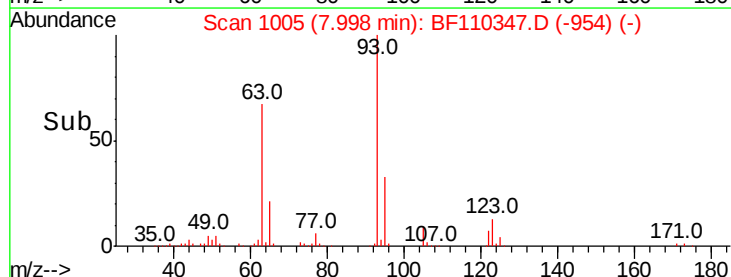
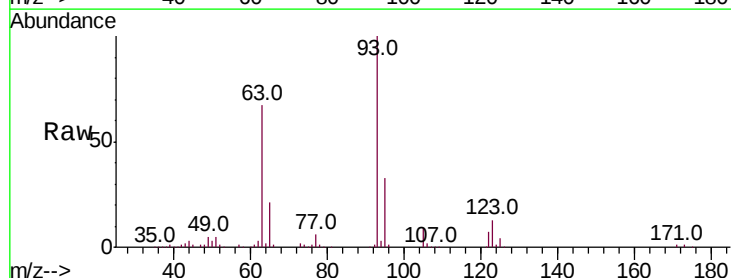
RT: 8.00 min Scan# 1005

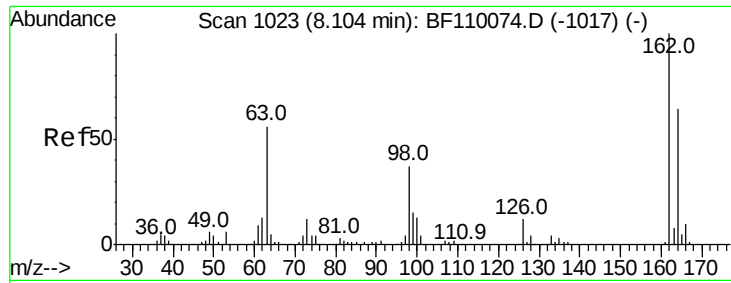
Delta R.T. -0.00 min

Lab File: BF110347.D

Acq: 31 Oct 2018 21:50

Tgt Ion:	93	Resp:	264304
Ion Ratio	Lower	Upper	
93	100		
95	33.3	26.4	39.6
123	12.8	9.0	13.6





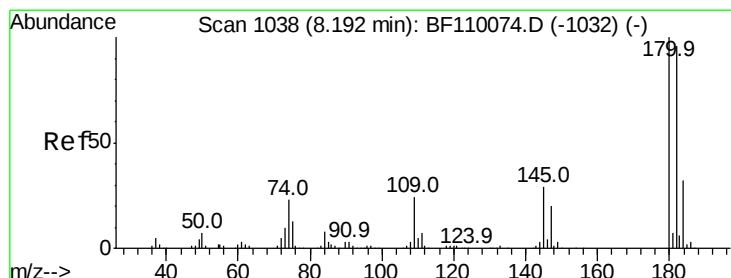
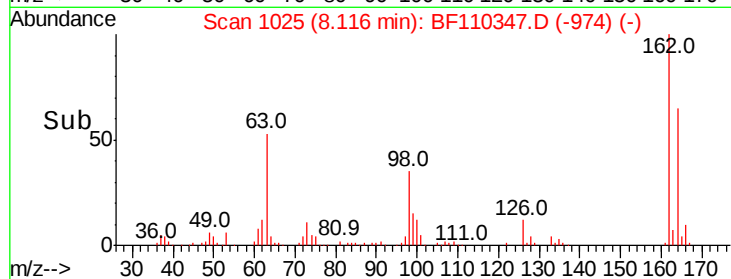
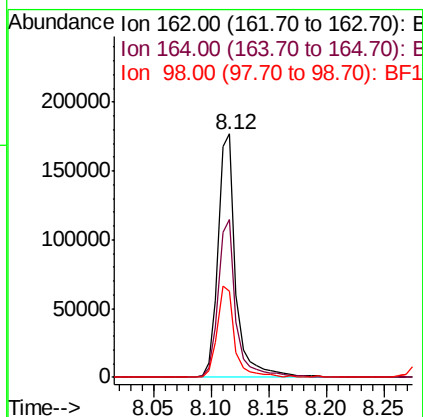
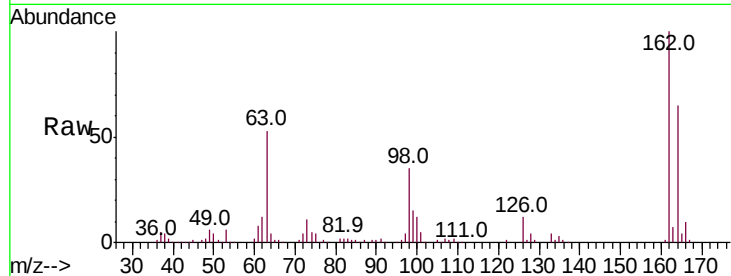
#29
2,4-Dichlorophenol
Concen: 37.680 ng
RT: 8.12 min Scan# 1025
Delta R.T. -0.00 min
Lab File: BF110347.D
Acq: 31 Oct 2018 21:50

Instrument :
BNA_F
ClientSampleId :
PB114334BS

Tot Ion	Ratio	Resp Lower	Resp Upper
162	100		
164	64.7	44.6	84.6
98	35.2	17.4	57.4

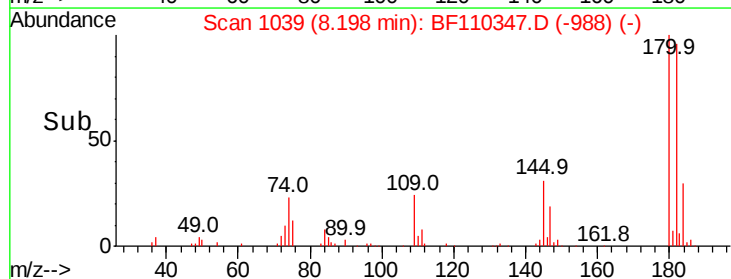
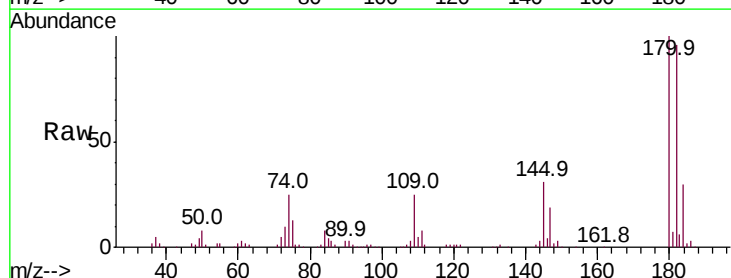
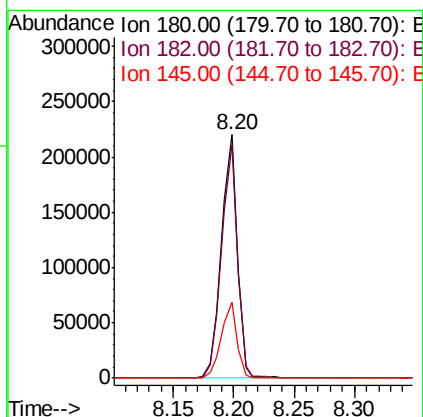
Manual Integrations
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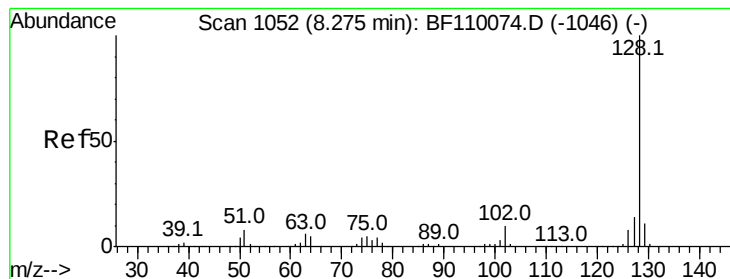
Sohil
11/1/2018 10:46:00 AM



#30
1,2,4-Trichlorobenzene
Concen: 35.735 ng
RT: 8.20 min Scan# 1039
Delta R.T. -0.00 min
Lab File: BF110347.D
Acq: 31 Oct 2018 21:50

Tgt Ion	Ratio	Resp Lower	Resp Upper
180	100		
182	95.8	80.3	120.5
145	31.1	25.4	38.0





#31

Naphthalene

Concen: 38.841 ng

RT: 8.28 min Scan# 1053

Delta R.T. -0.00 min

Lab File: BF110347.D

Acq: 31 Oct 2018 21:50

Instrument :

BNA_F

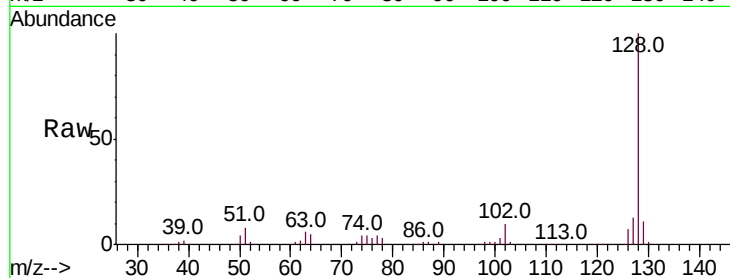
ClientSampleId :

PB114334BS

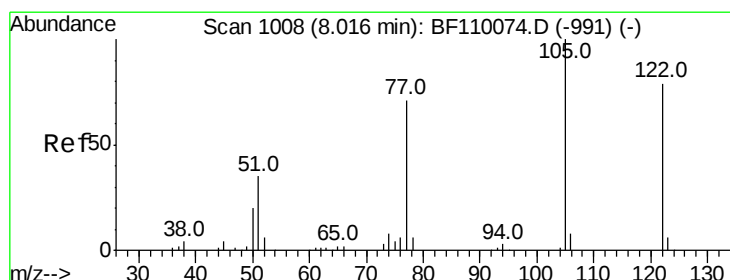
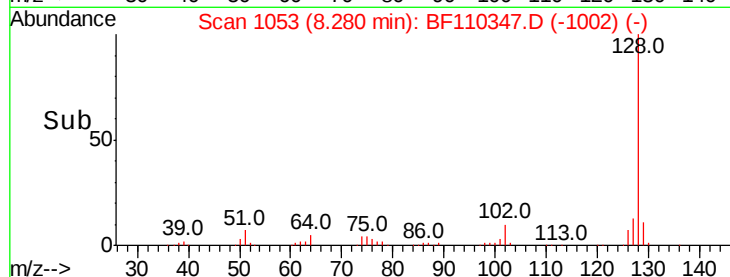
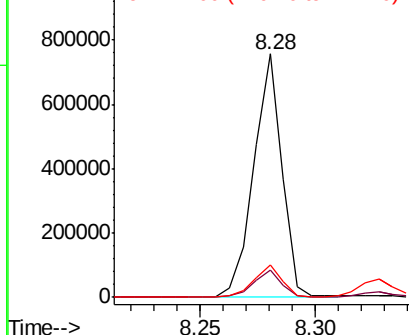
Tot Ion:128	Resp:	649069
Ion Ratio	Lower	Upper
128 100		
129 11.0	8.8	13.2
127 13.1	10.8	16.2

Manual Integrations
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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: 18.879 ng

RT: 8.02 min Scan# 1008

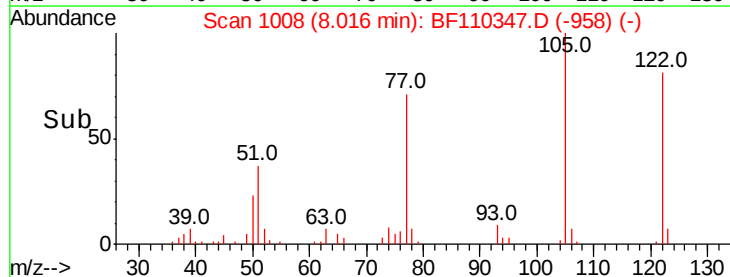
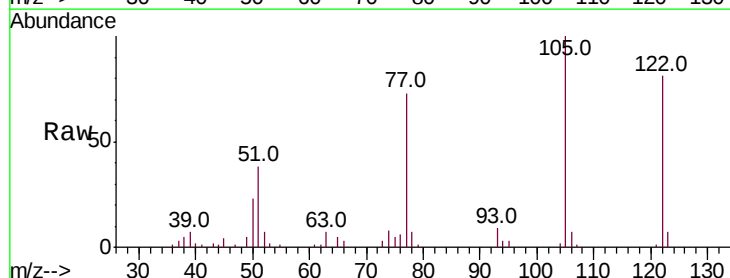
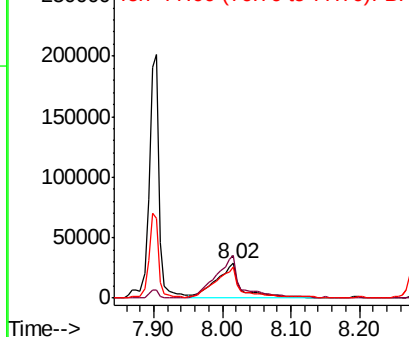
Delta R.T. -0.01 min

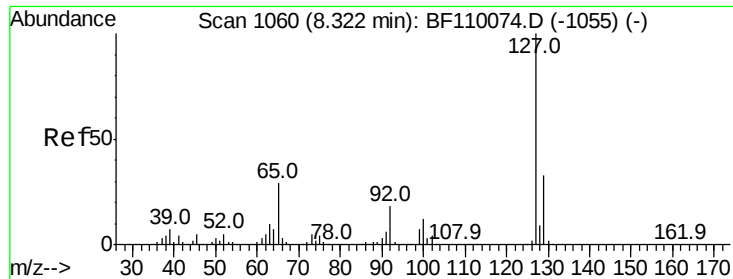
Lab File: BF110347.D

Acq: 31 Oct 2018 21:50

Tgt Ion:122	Resp:	72655
Ion Ratio	Lower	Upper
122 100		
105 124.1	109.0	149.0
77 91.1	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





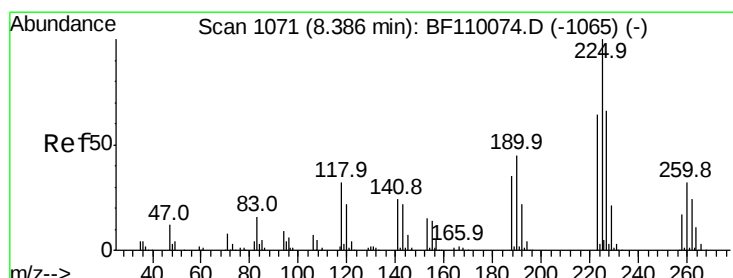
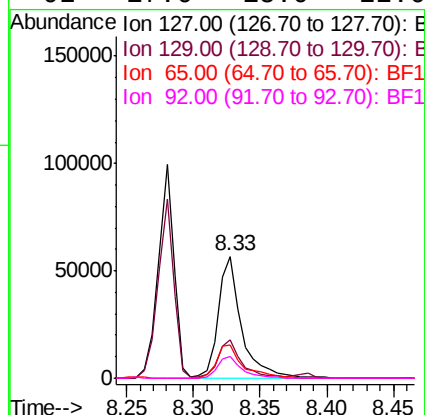
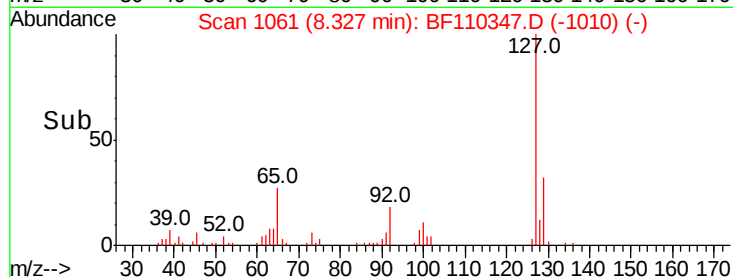
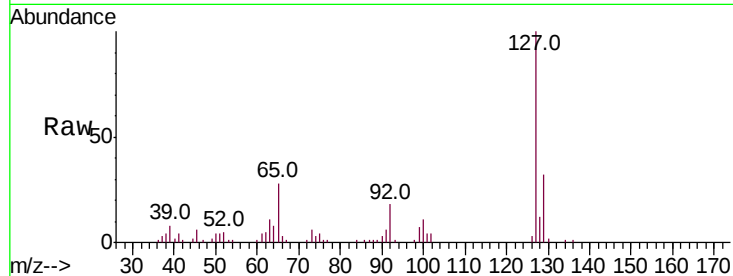
#33
4-Chloroaniline
Concen: 9.312 ng
RT: 8.33 min Scan# 1061
Delta R.T. -0.00 min
Lab File: BF110347.D
Acq: 31 Oct 2018 21:50

Instrument :
BNA_F
ClientSampleId :
PB114334BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100				
129	32.0	26.0	39.0		
65	27.8	25.1	37.7		
92	17.6	15.0	22.6		

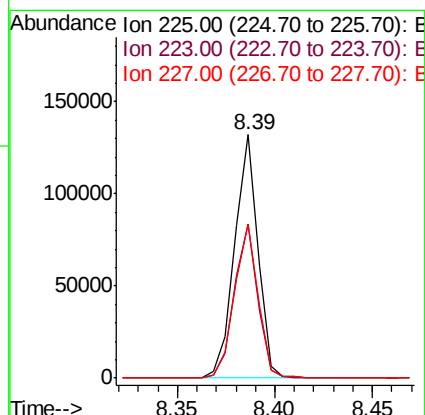
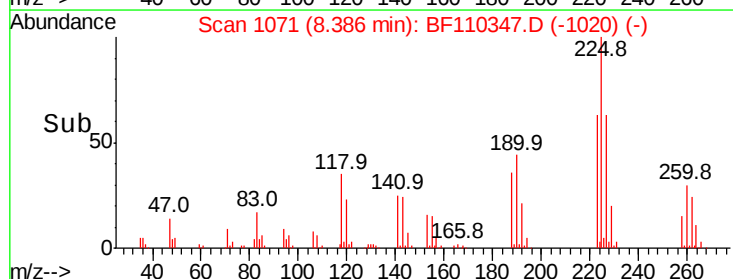
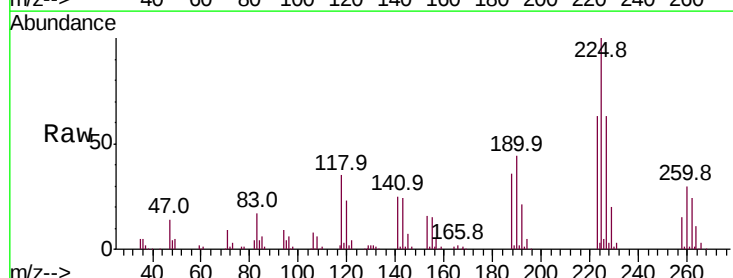
Manual Integrations
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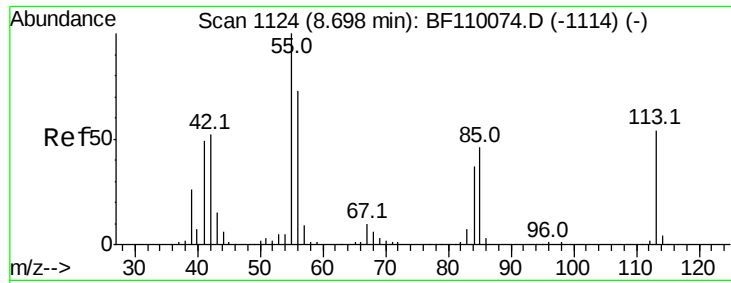
Sohil
11/1/2018 10:46:00 AM



#34
Hexachlorobutadiene
Concen: 35.096 ng
RT: 8.39 min Scan# 1071
Delta R.T. -0.00 min
Lab File: BF110347.D
Acq: 31 Oct 2018 21:50

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100				
223	63.4	51.4	77.2		
227	63.4	51.0	76.6		





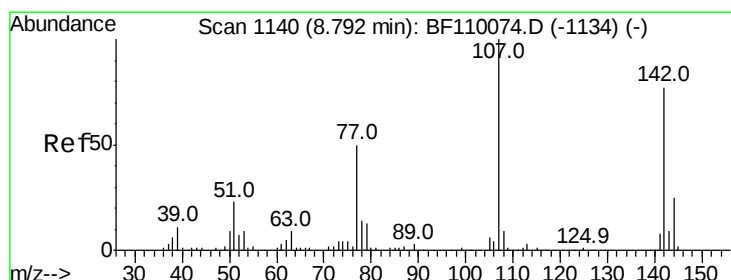
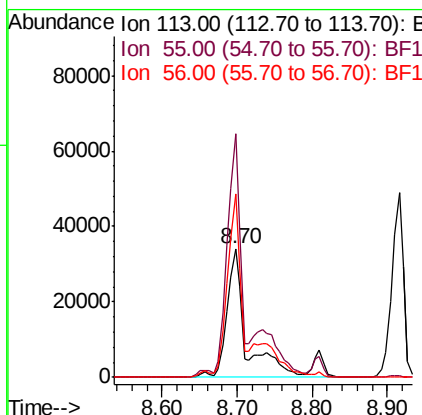
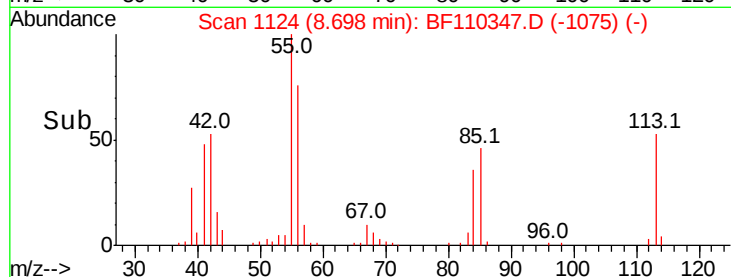
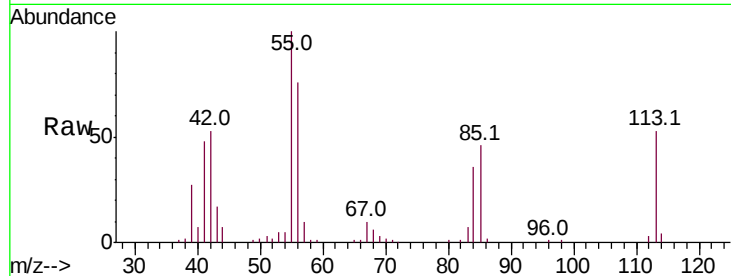
#35
 Caprolactam
 Concen: 38.547 ng/ml
 RT: 8.70 min Scan# 1124
 Delta R.T. -0.01 min
 Lab File: BF110347.D
 Acq: 31 Oct 2018 21:50

Instrument :
 BNA_F
 ClientSampleID :
 PB114334BS

Tot Ion:113 Resp: 67586
 Ion Ratio Lower Upper
 113 100
 55 189.2 142.8 182.8#
 56 143.0 105.0 145.0

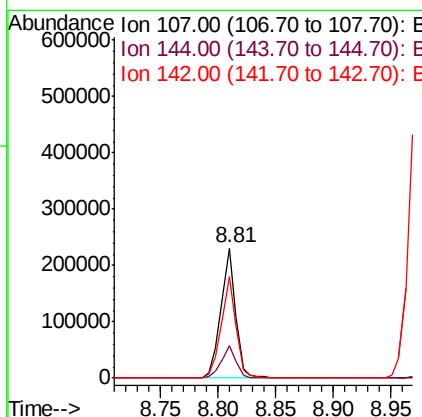
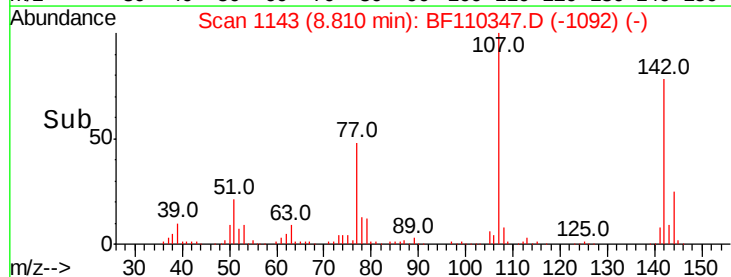
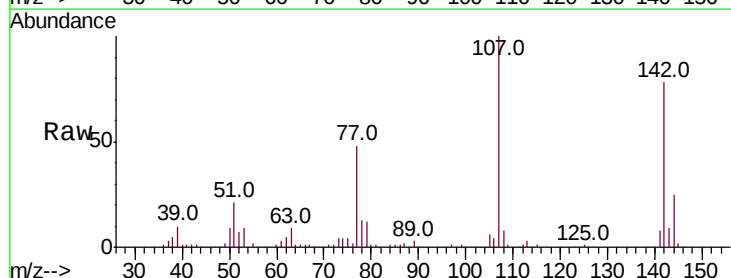
Manual Integrations
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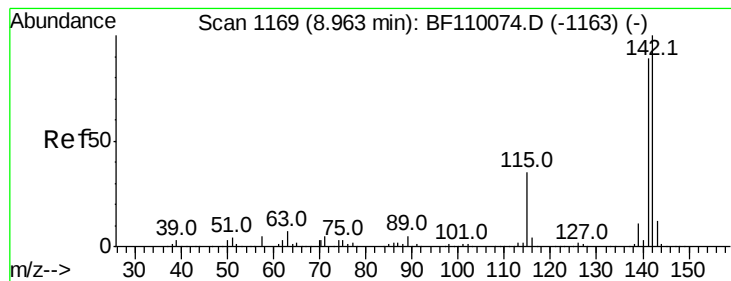
Sohil
 11/1/2018 10:46:00 AM



#36
 4-Chloro-3-methylphenol
 Concen: 38.133 ng/ml
 RT: 8.81 min Scan# 1143
 Delta R.T. -0.00 min
 Lab File: BF110347.D
 Acq: 31 Oct 2018 21:50

Tgt Ion:107 Resp: 207436
 Ion Ratio Lower Upper
 107 100
 144 24.7 20.0 30.0
 142 78.4 59.7 89.5





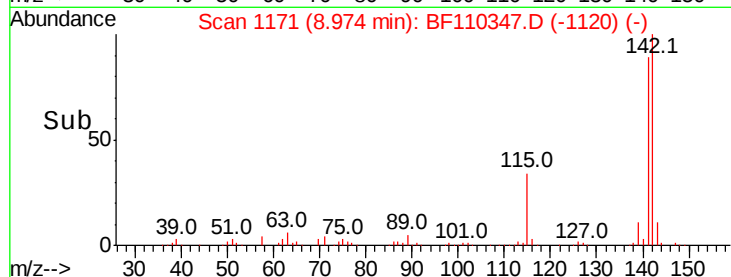
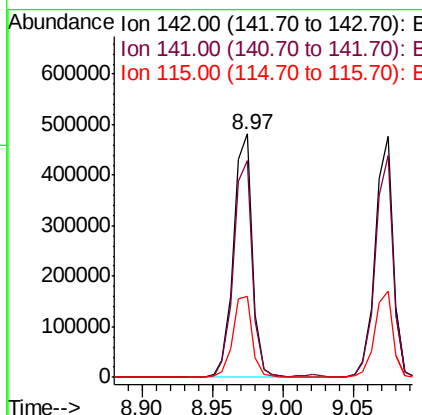
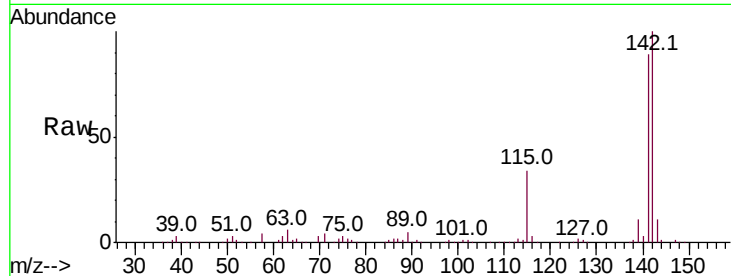
#37
2-Methylnaphthalene
Concen: 40.601 ng
RT: 8.97 min Scan# 1171
Delta R.T. -0.00 min
Lab File: BF110347.D
Acq: 31 Oct 2018 21:50

Instrument :
BNA_F
ClientSampleId :
PB114334BS

Tot Ion	Ratio	Resp	Lower	Upper
142	100	448898		
141	89.1	71.4	107.2	
115	33.5	28.7	43.1	

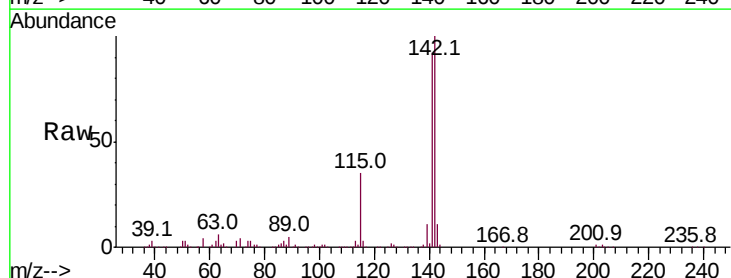
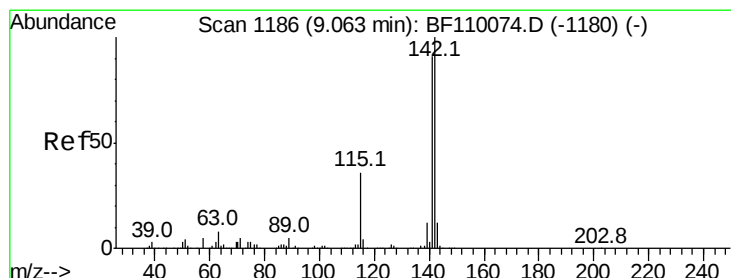
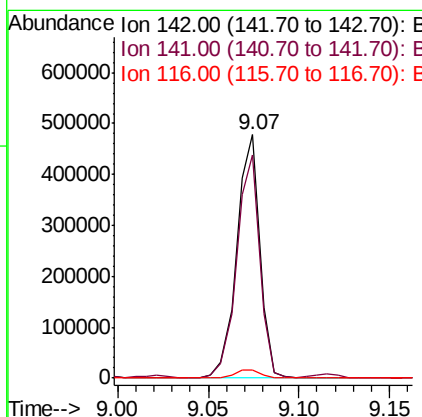
Manual Integrations
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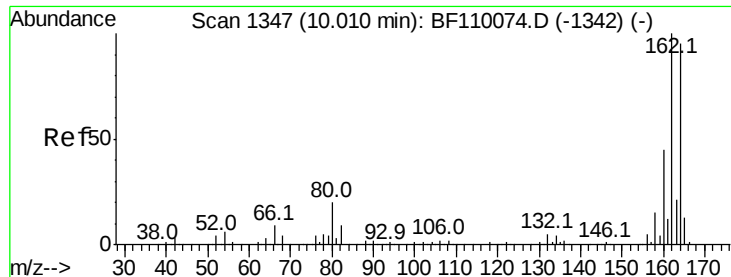
Sohil
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#38
1-Methylnaphthalene
Concen: 39.493 ng
RT: 9.07 min Scan# 1188
Delta R.T. -0.00 min
Lab File: BF110347.D
Acq: 31 Oct 2018 21:50

Tgt Ion	Ratio	Resp	Lower	Upper
142	100	421962		
141	91.6	74.2	111.4	
116	3.4	2.6	4.0	





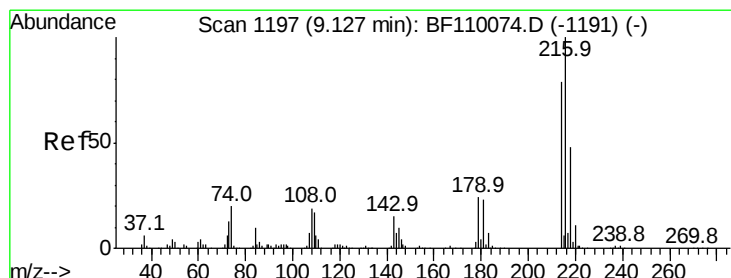
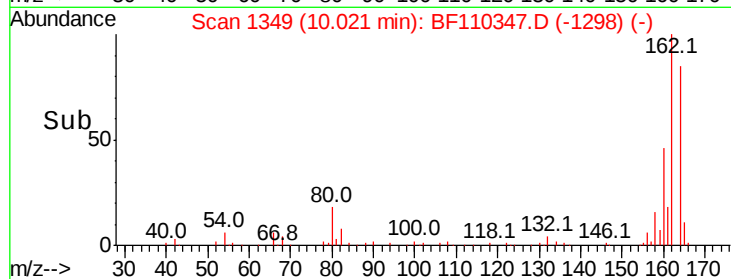
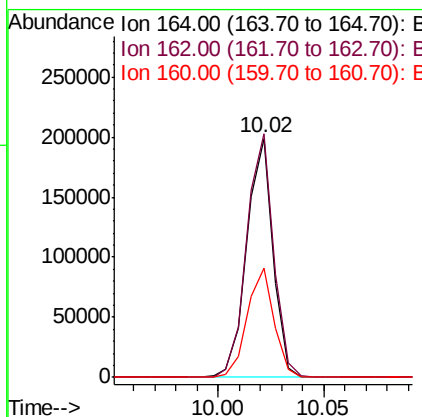
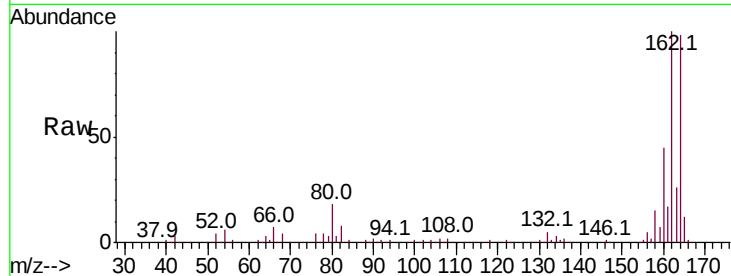
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.02 min Scan# 1349
Delta R.T. -0.00 min
Lab File: BF110347.D
Acq: 31 Oct 2018 21:50

Instrument :
BNA_F
ClientSampled :
PB114334BS

Tot Ion	Ratio	Lower	Upper
164	100		
162	102.0	83.0	124.6
160	45.9	37.0	55.6

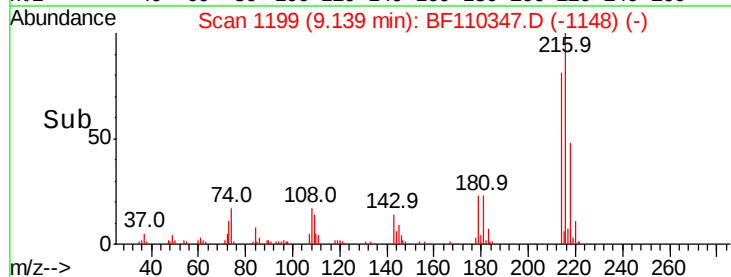
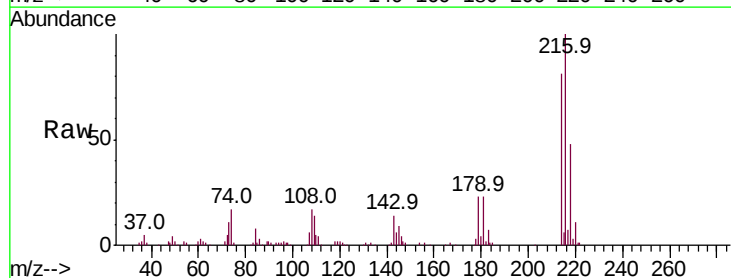
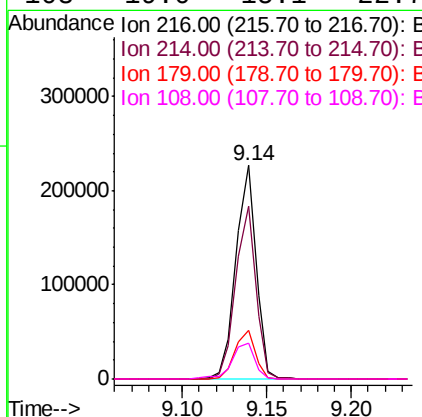
Manual Integrations
APPROVED

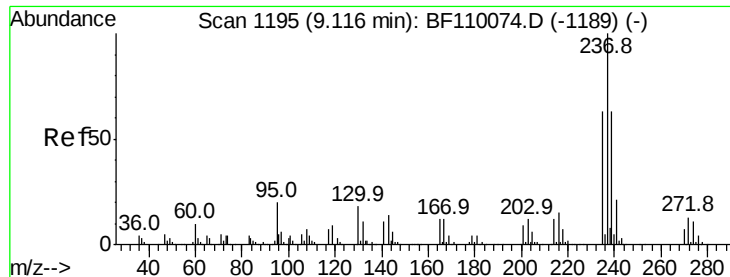
Sohil
11/1/2018 10:46:00 AM



#40
1,2,4,5-Tetrachlorobenzene
Concen: 35.553 ng
RT: 9.14 min Scan# 1199
Delta R.T. -0.00 min
Lab File: BF110347.D
Acq: 31 Oct 2018 21:50

Tgt Ion	Ratio	Lower	Upper
216	100		
214	80.5	63.8	95.6
179	23.1	16.6	25.0
108	19.0	15.1	22.7





#41

Hexachlorocyclopentadiene

Concen: 18.680 ng

RT: 9.12 min Scan# 1195

Delta R.T. -0.00 min

Lab File: BF110347.D

Acq: 31 Oct 2018 21:50

Instrument :

BNA_F

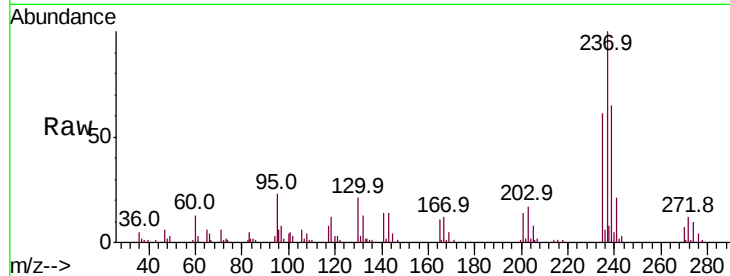
ClientSampleId :

PB114334BS

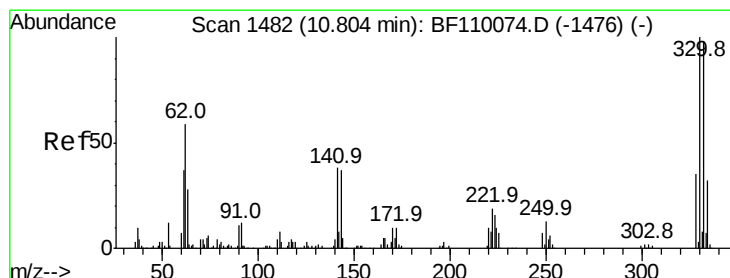
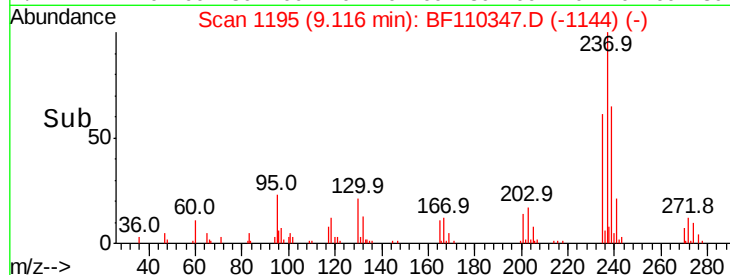
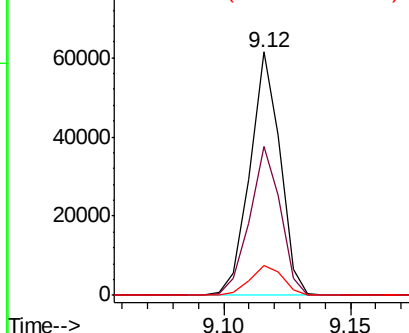
Tot Ion:	237	Resp:	50964
Ion Ratio	Lower	Upper	
237	100		
235	61.3	43.1	83.1
272	12.1	0.0	32.6

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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: 64.306 ng

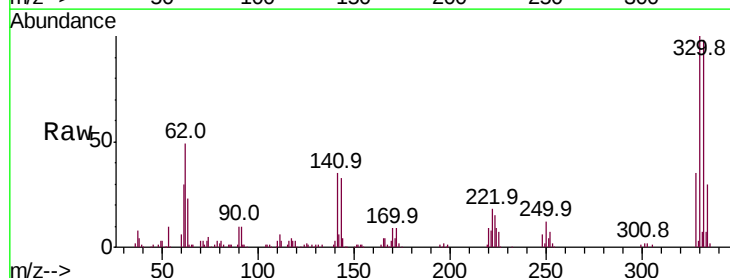
RT: 10.82 min Scan# 1484

Delta R.T. -0.00 min

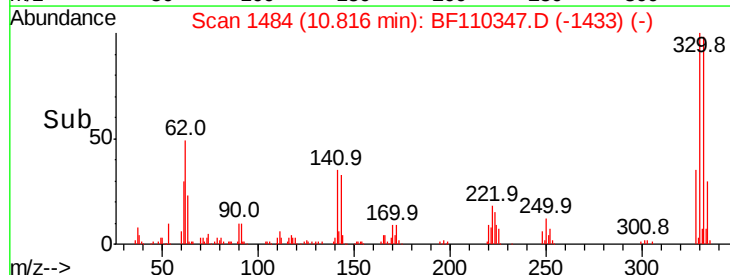
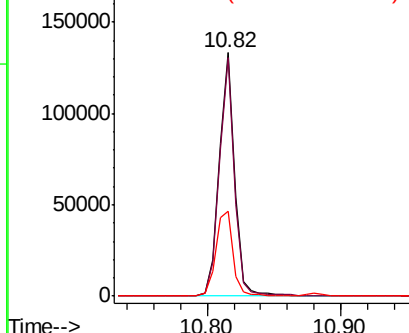
Lab File: BF110347.D

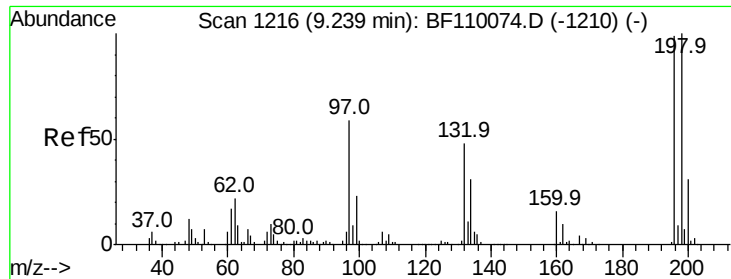
Acq: 31 Oct 2018 21:50

Tgt Ion:	330	Resp:	109081
Ion Ratio	Lower	Upper	
330	100		
332	96.8	77.1	115.7
141	38.8	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





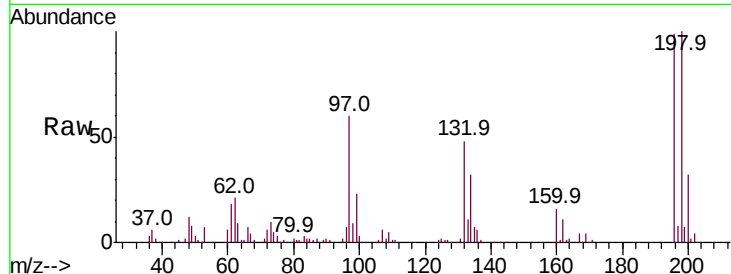
#43
 2,4,6-Trichlorophenol
 Concen: 36.214 ng
 RT: 9.25 min Scan# 1218
 Delta R.T. -0.00 min
 Lab File: BF110347.D
 Acq: 31 Oct 2018 21:50

Instrument :
 BNA_F
 ClientSampleId :
 PB114334BS

Tot Ion	Ratio	Resp	Lower	Upper
196	100	124628		
198	101.5	76.2	114.4	
200	32.0	24.4	36.6	

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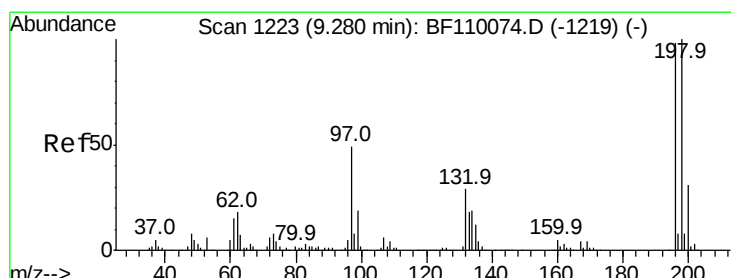
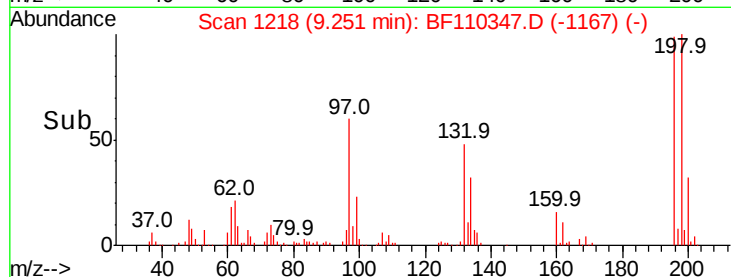
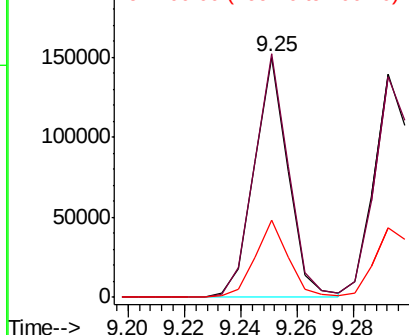


Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 200.00 (199.70 to 200.70): E



#44
 2,4,5-Trichlorophenol
 Concen: 36.807 ng
 RT: 9.29 min Scan# 1225
 Delta R.T. -0.00 min
 Lab File: BF110347.D
 Acq: 31 Oct 2018 21:50

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	133893		
198	98.8	75.8	113.6	
97	54.7	42.4	63.6	
132	30.5	22.8	34.2	

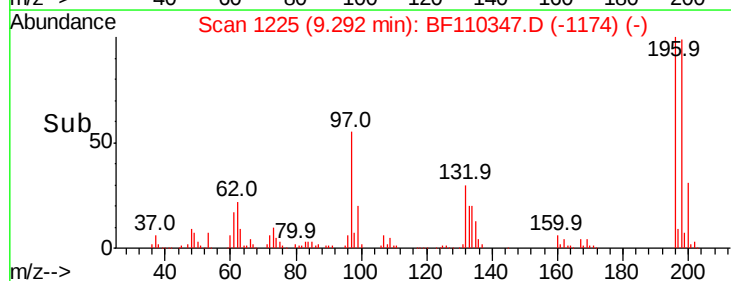
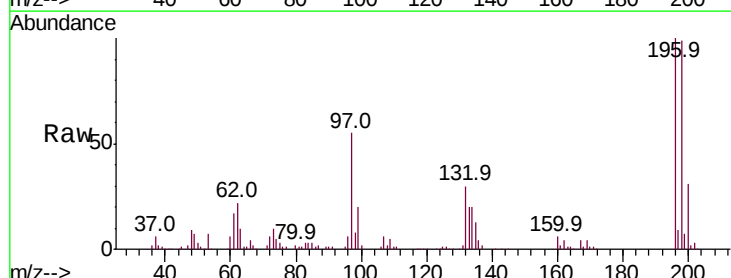
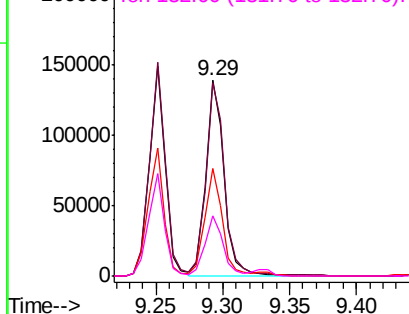
Abundance

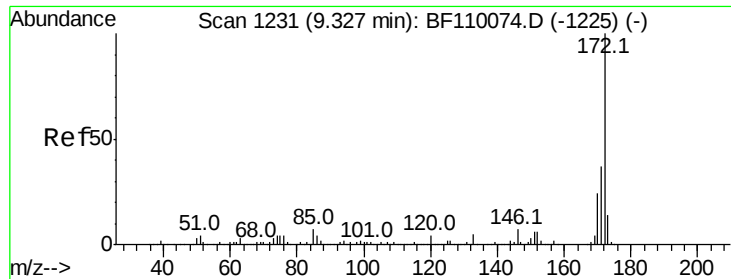
Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 97.00 (96.70 to 97.70): BF1

Ion 132.00 (131.70 to 132.70): E





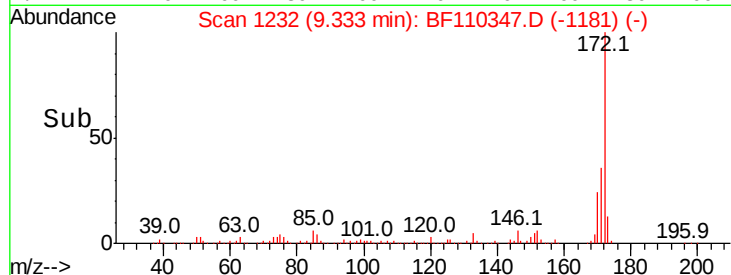
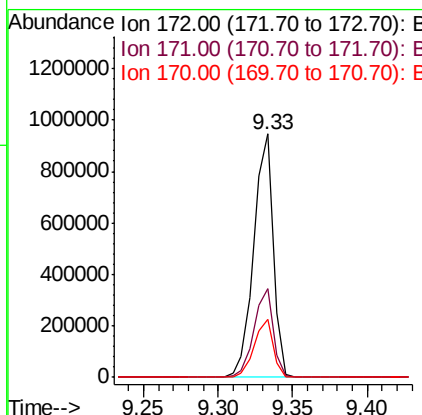
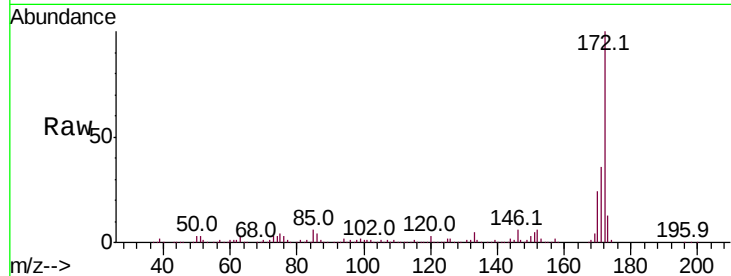
#45
2-Fluorobiphenyl
Concen: 77.944 ng
RT: 9.33 min Scan# 1232
Delta R.T. -0.00 min
Lab File: BF110347.D
Acq: 31 Oct 2018 21:50

Instrument :
BNA_F
ClientSampleId :
PB114334BS

Tot Ion	Ratio	Resp	Lower	Upper
172	100			
171	36.3	28.6	43.0	
170	23.7	19.7	29.5	

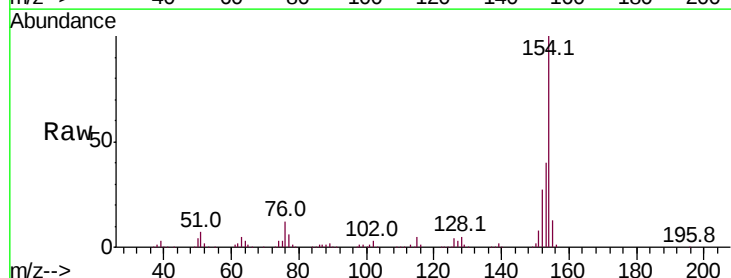
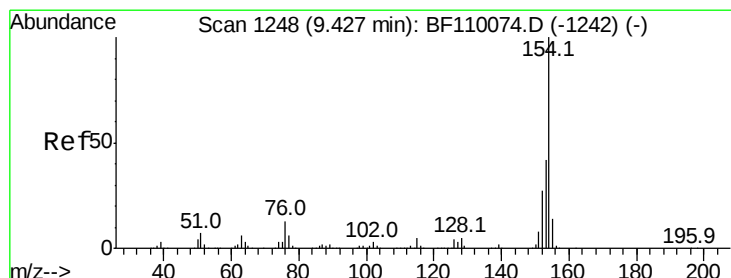
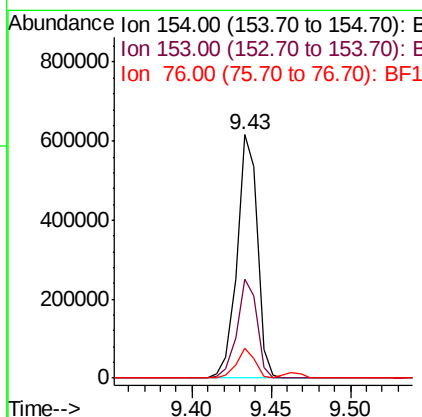
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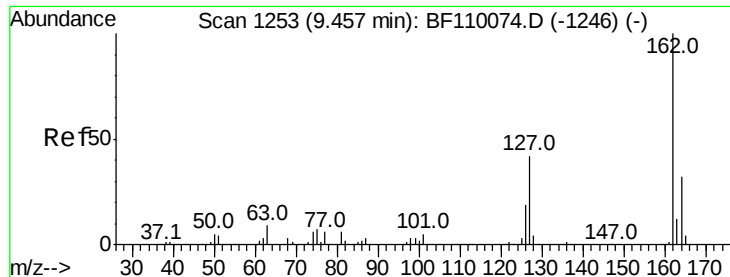
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#46
1,1'-Biphenyl
Concen: 35.403 ng
RT: 9.43 min Scan# 1249
Delta R.T. -0.01 min
Lab File: BF110347.D
Acq: 31 Oct 2018 21:50

Tgt Ion	Ratio	Resp	Lower	Upper
154	100			
153	40.5	20.4	60.4	
76	12.1	0.0	31.9	





#47

2-Chloronaphthalene

Concen: 36.056 ng

RT: 9.46 min Scan# 1254

Delta R.T. -0.01 min

Lab File: BF110347.D

Acq: 31 Oct 2018 21:50

Instrument :

BNA_F

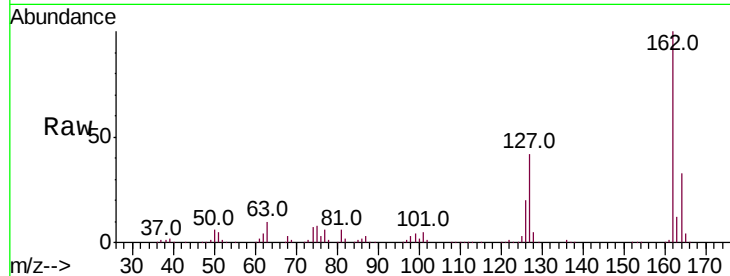
ClientSampleId :

PB114334BS

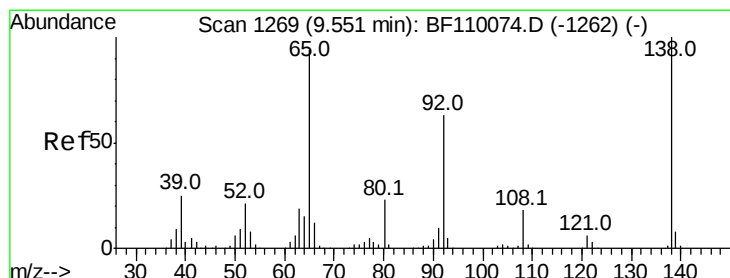
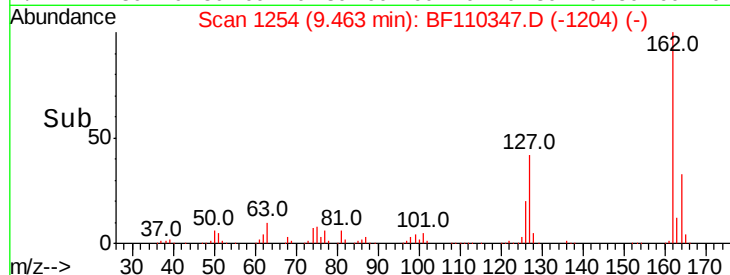
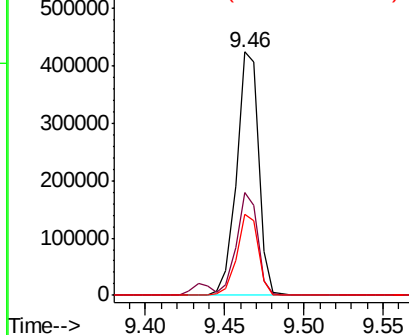
Tot Ion:	162	Resp:	409563
Ion Ratio	Lower	Upper	
162	100		
127	42.2	32.6	48.8
164	33.5	25.9	38.9

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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: 38.625 ng

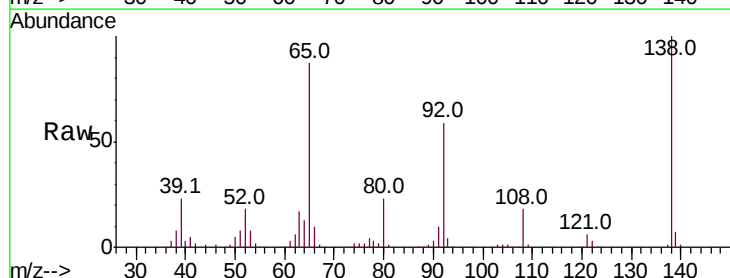
RT: 9.56 min Scan# 1271

Delta R.T. -0.00 min

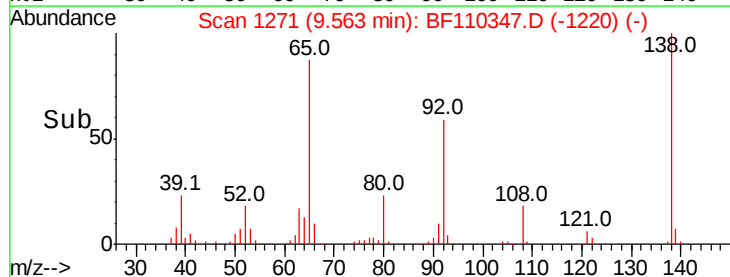
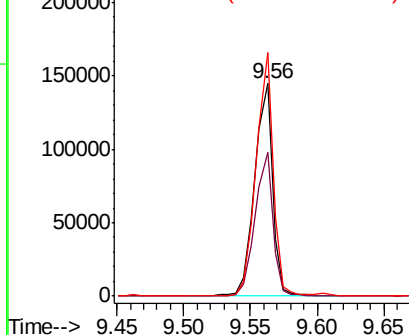
Lab File: BF110347.D

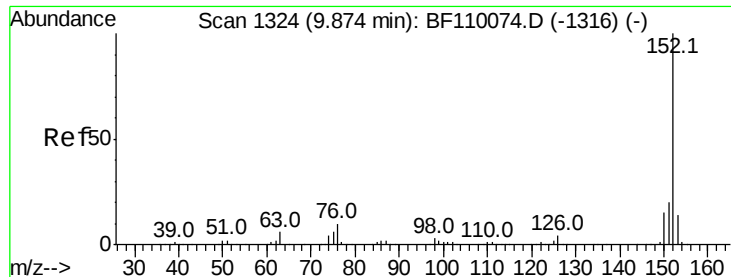
Acq: 31 Oct 2018 21:50

Tgt Ion:	65	Resp:	132955
Ion Ratio	Lower	Upper	
65	100		
92	67.6	54.6	81.8
138	114.7	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: 38.898 ng

RT: 9.88 min Scan# 1325

Delta R.T. -0.01 min

Lab File: BF110347.D

Acq: 31 Oct 2018 21:50

Instrument :

BNA_F

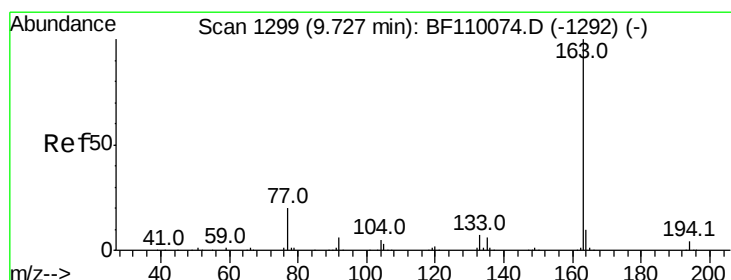
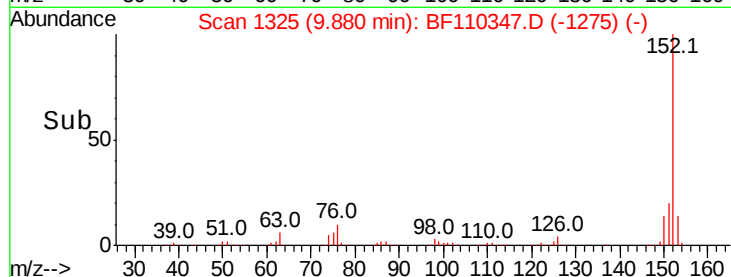
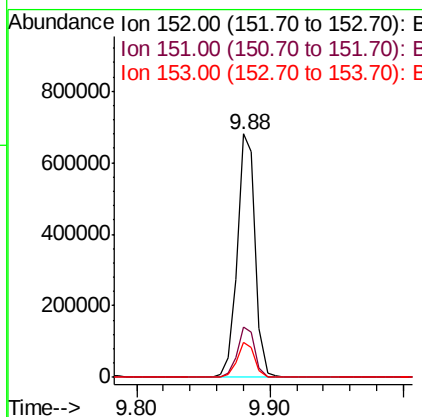
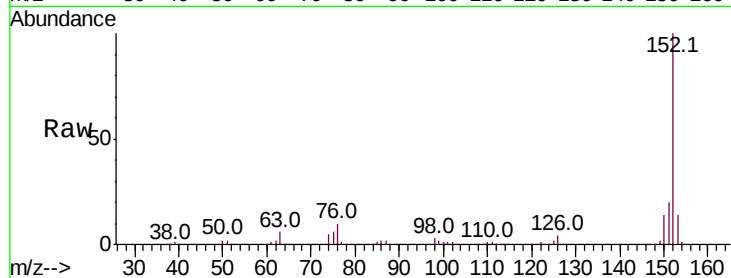
ClientSampleId :

PB114334BS

Tot Ion:	152	Resp:	638178
Ion Ratio	Lower	Upper	
152	100		
151	20.5	15.8	23.8
153	14.2	10.4	15.6

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#50

Dimethylphthalate

Concen: 38.981 ng

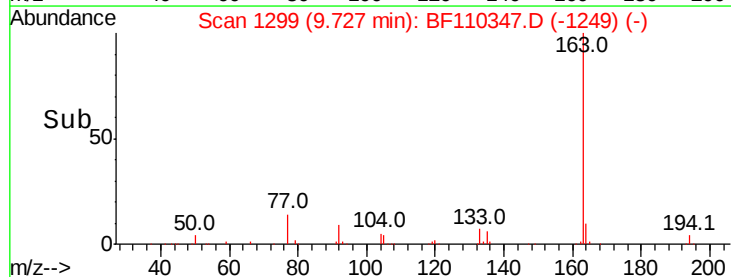
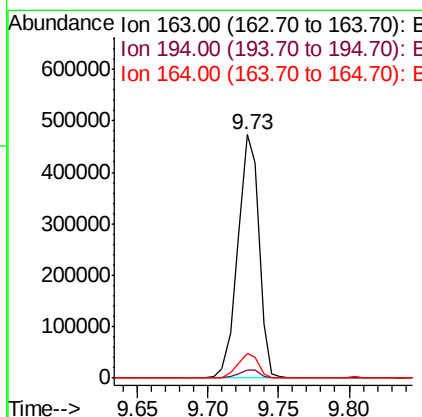
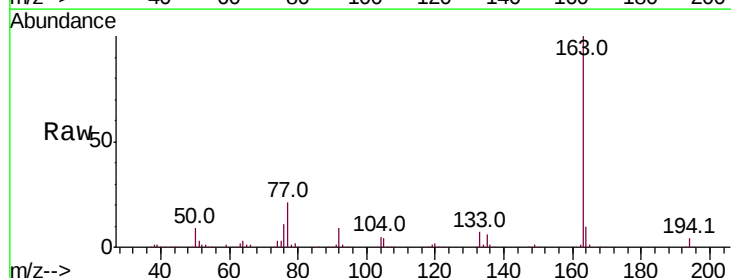
RT: 9.73 min Scan# 1299

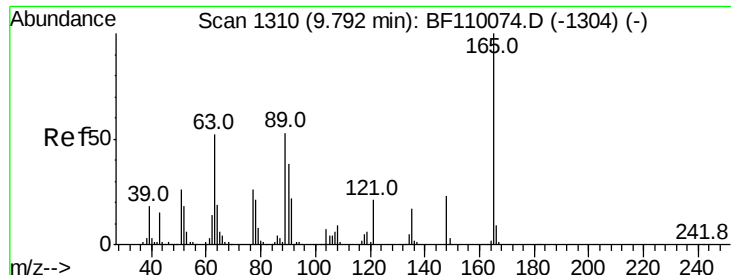
Delta R.T. -0.01 min

Lab File: BF110347.D

Acq: 31 Oct 2018 21:50

Tgt Ion:	163	Resp:	492756
Ion Ratio	Lower	Upper	
163	100		
194	3.5	3.2	4.8
164	10.1	8.1	12.1





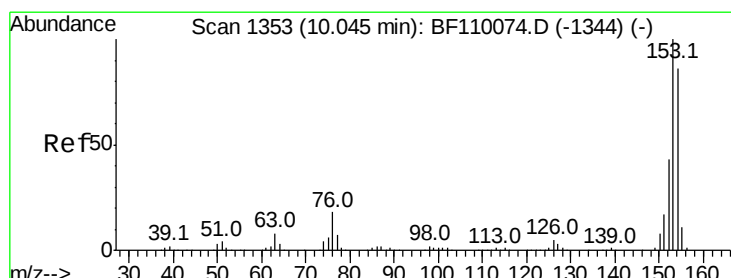
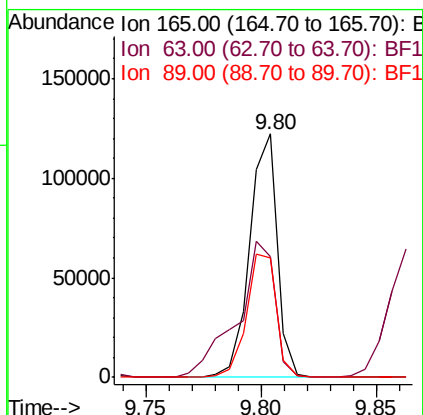
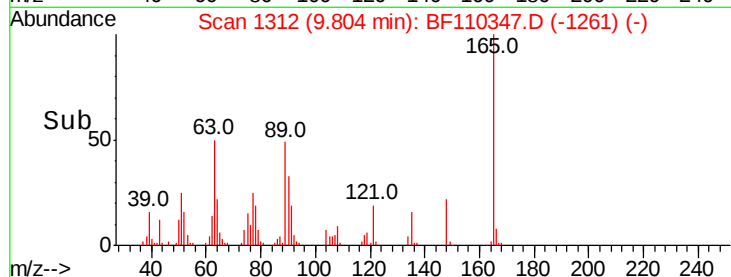
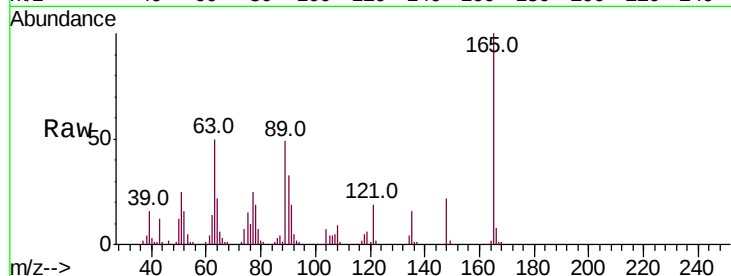
#51
2,6-Dinitrotoluene
Concen: 37.628 ng
RT: 9.80 min Scan# 1312
Delta R.T. -0.00 min
Lab File: BF110347.D
Acq: 31 Oct 2018 21:50

Instrument :
BNA_F
ClientSampleId :
PB114334BS

Tot Ion	Ratio	Resp	Lower	Upper
165	100			
63	49.5	48.9	73.3	
89	49.0	46.6	69.8	

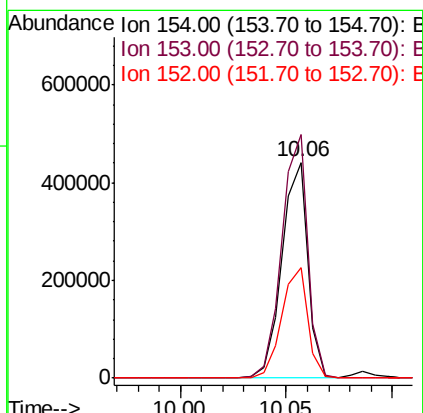
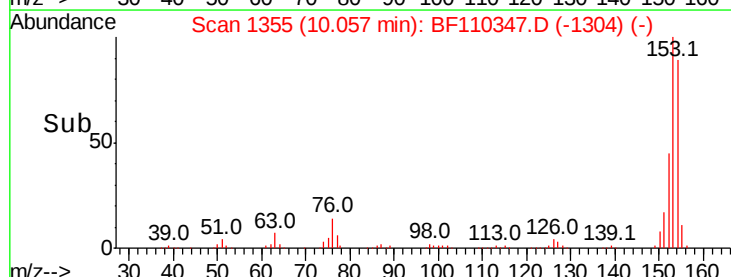
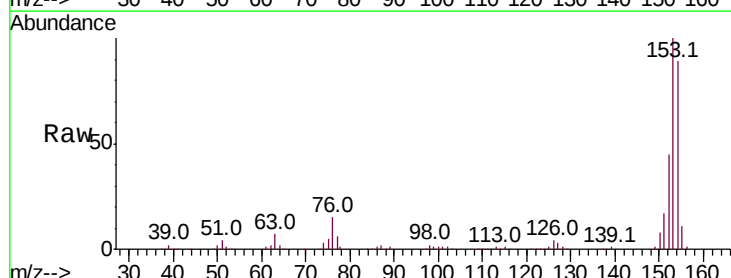
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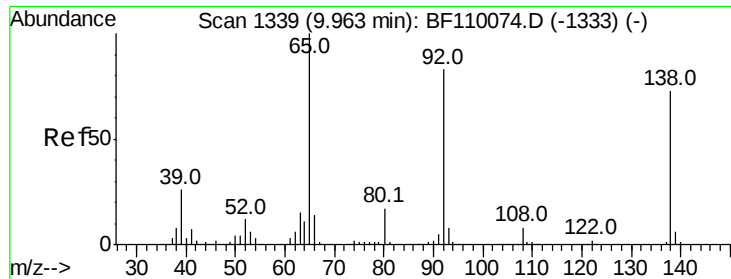
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#52
Acenaphthene
Concen: 34.879 ng
RT: 10.06 min Scan# 1355
Delta R.T. -0.00 min
Lab File: BF110347.D
Acq: 31 Oct 2018 21:50

Tgt Ion	Ratio	Resp	Lower	Upper
154	100			
153	112.9	90.1	135.1	
152	51.3	43.4	65.2	





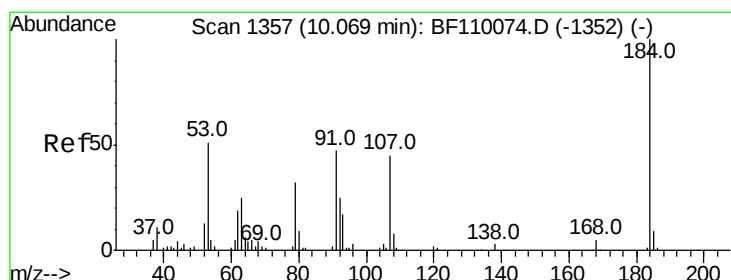
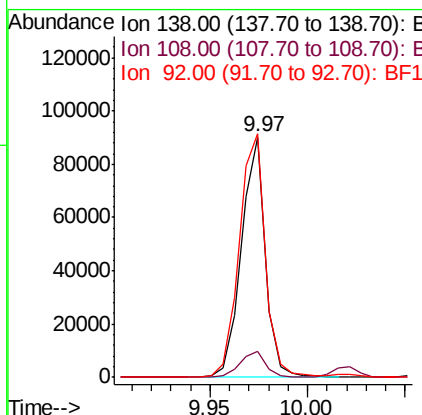
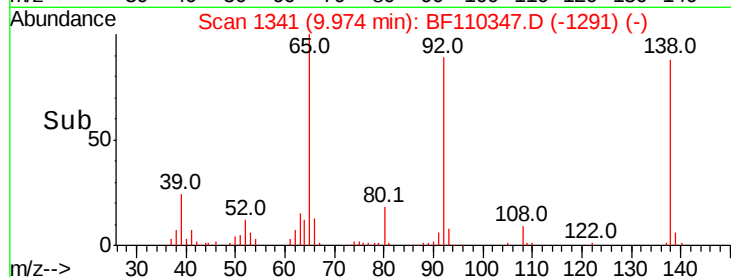
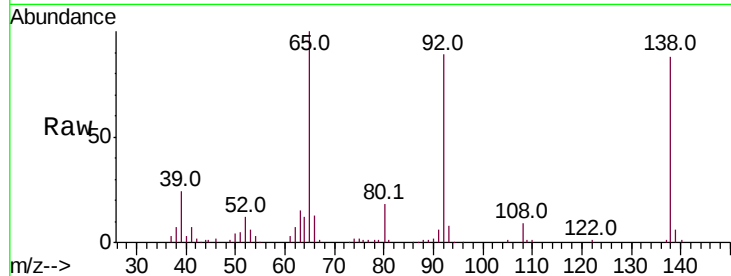
#53
3-Nitroaniline
Concen: 23.648 ng
RT: 9.97 min Scan# 1341
Delta R.T. -0.01 min
Lab File: BF110347.D
Acq: 31 Oct 2018 21:50

Instrument :
BNA_F
ClientSampleId :
PB114334BS

Tot Ion	Ratio	Lower	Upper
138	100		
108	10.6	8.7	13.1
92	101.5	97.0	145.4

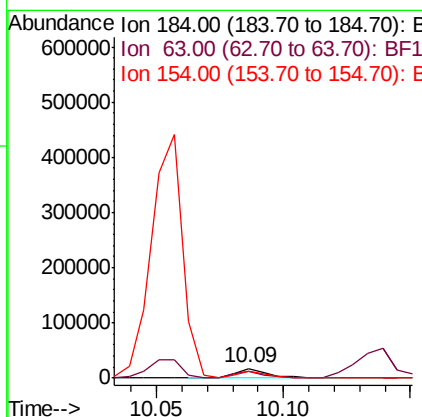
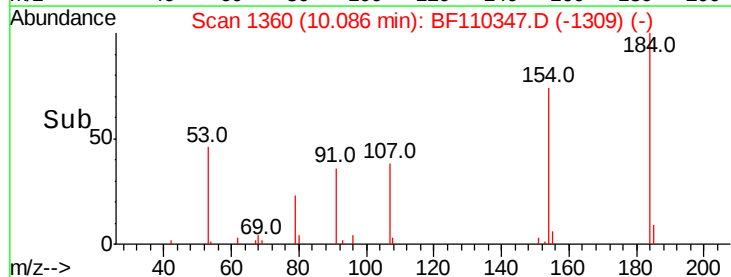
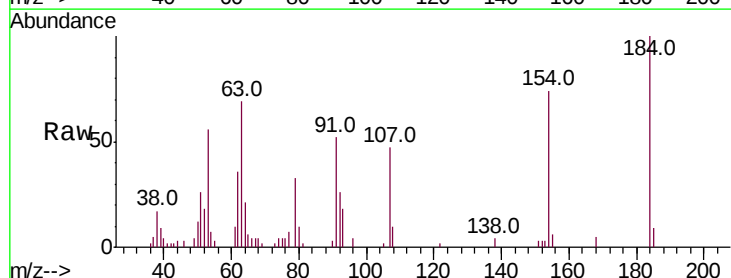
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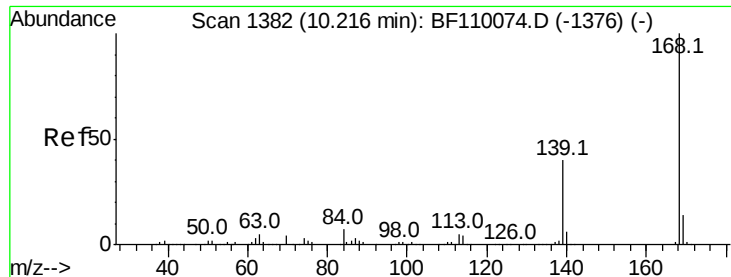
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#54
2,4-Dinitrophenol
Concen: 19.119 ng
RT: 10.09 min Scan# 1360
Delta R.T. -0.00 min
Lab File: BF110347.D
Acq: 31 Oct 2018 21:50

Tgt Ion	Ratio	Lower	Upper
184	100		
63	68.9	55.8	83.6
154	74.0	63.2	94.8





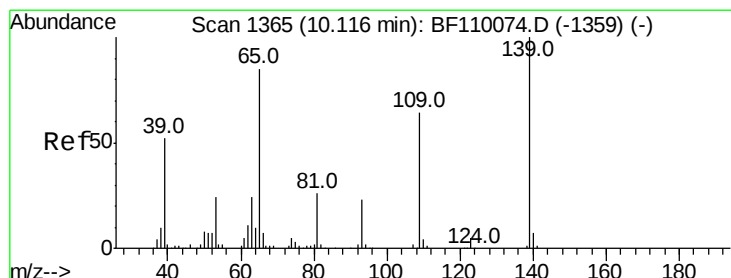
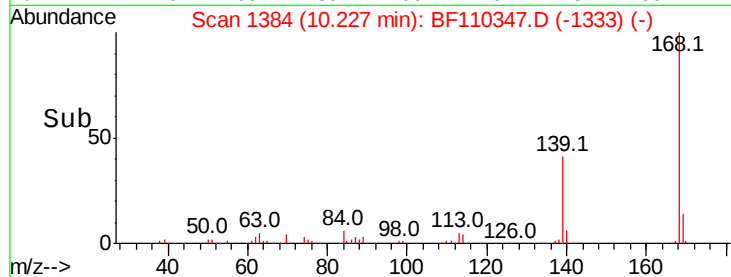
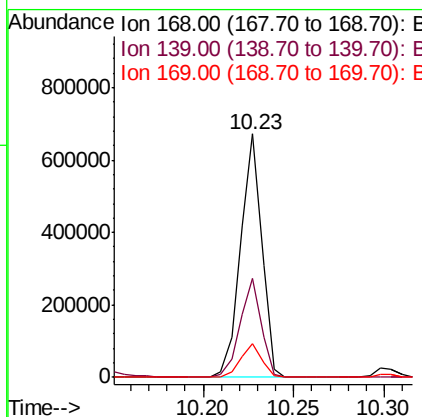
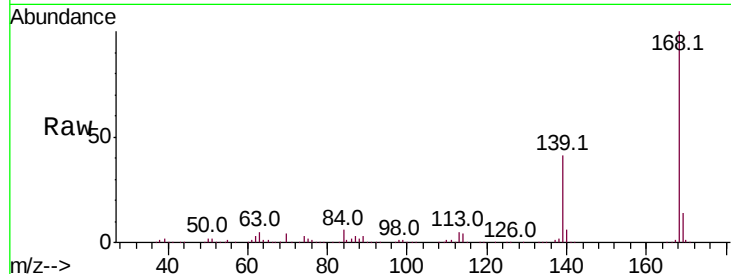
#55
Dibenzenofuran
Concen: 36.206 ng
RT: 10.23 min Scan# 1384
Delta R.T. -0.00 min
Lab File: BF110347.D
Acq: 31 Oct 2018 21:50

Instrument :
BNA_F
ClientSampleId :
PB114334BS

Tot Ion	Ratio	Lower	Upper
168	100		
139	40.6	33.0	49.6
169	13.8	11.3	16.9

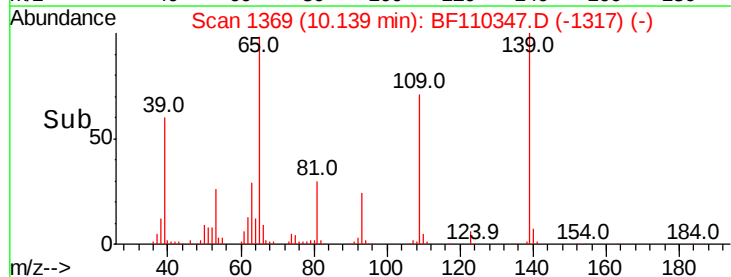
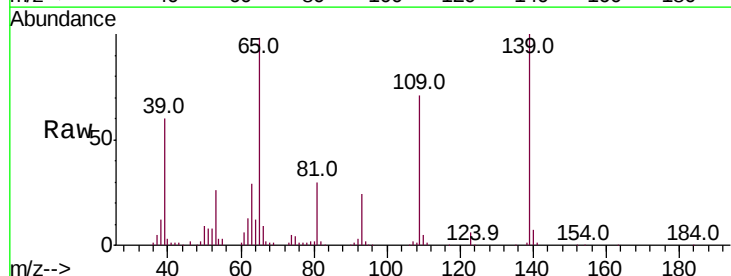
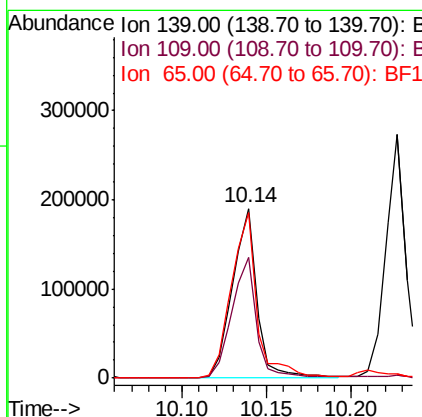
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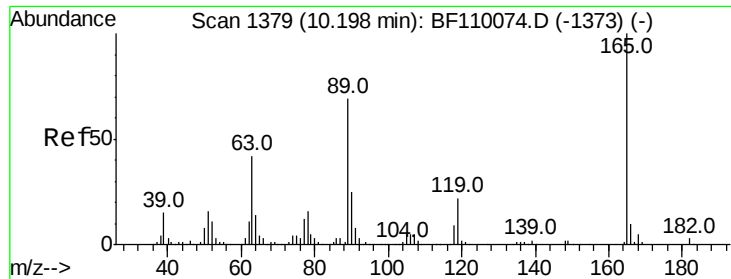
Sohil
11/1/2018 10:46:00 AM



#56
4-Nitrophenol
Concen: 80.329 ng
RT: 10.14 min Scan# 1369
Delta R.T. 0.01 min
Lab File: BF110347.D
Acq: 31 Oct 2018 21:50

Tgt Ion	Ratio	Lower	Upper
139	100		
109	71.4	55.8	95.8
65	97.8	77.9	117.9





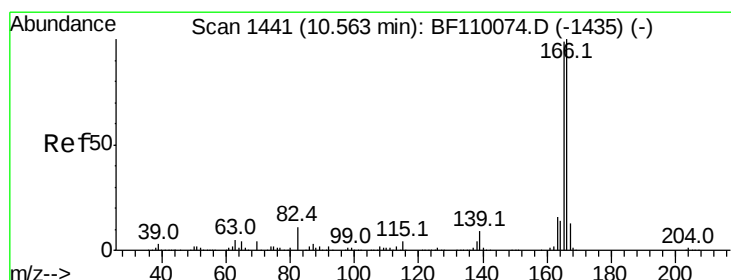
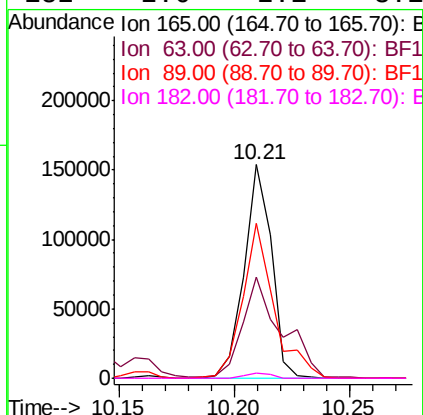
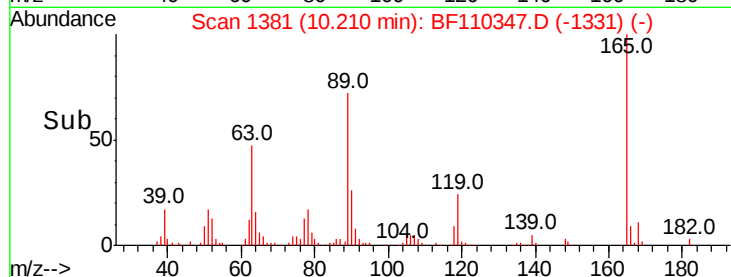
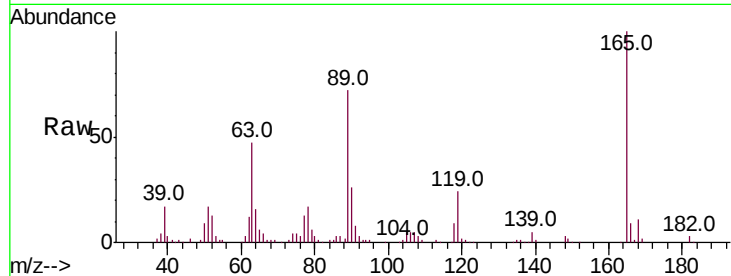
#57
2,4-Dinitrotoluene
Concen: 36.967 ng
RT: 10.21 min Scan# 1381
Delta R.T. -0.01 min
Lab File: BF110347.D
Acq: 31 Oct 2018 21:50

Instrument :
BNA_F
ClientSampleId :
PB114334BS

Tot Ion	Ratio	Resp	Lower	Upper
165	100	127851		
63	47.2		44.8	67.2
89	72.5		62.2	93.4
182	2.6		2.1	3.1

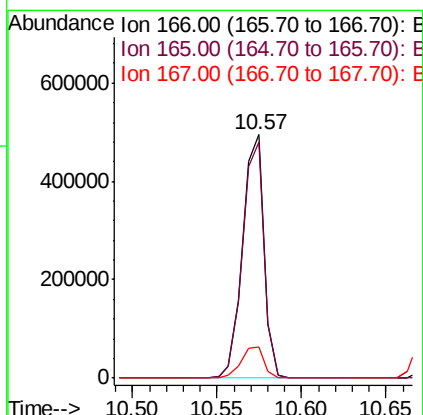
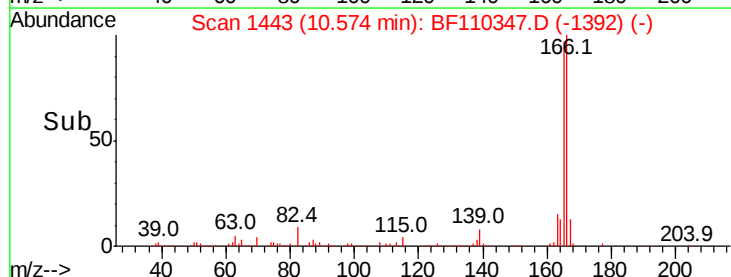
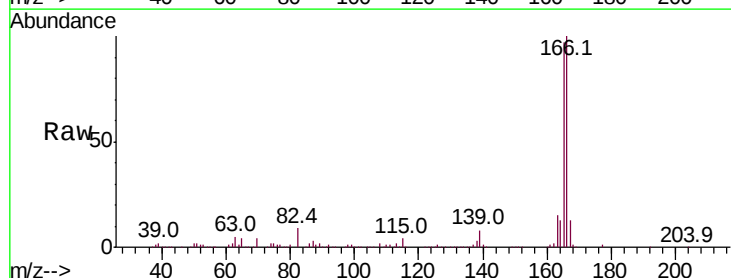
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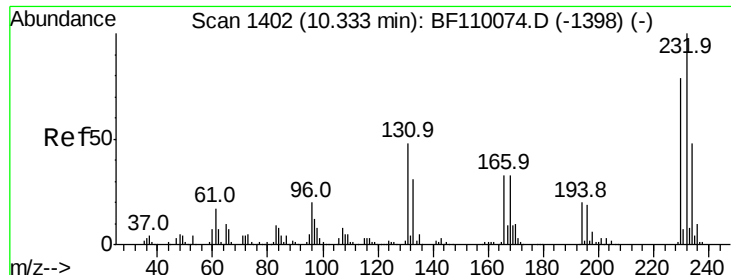
Sohil
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#58
Fluorene
Concen: 38.677 ng
RT: 10.57 min Scan# 1443
Delta R.T. -0.00 min
Lab File: BF110347.D
Acq: 31 Oct 2018 21:50

Tgt Ion	Ratio	Resp	Lower	Upper
166	100	437428		
165	97.0		78.6	117.8
167	13.0		10.8	16.2





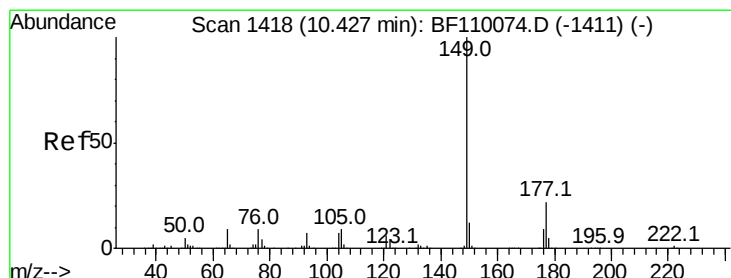
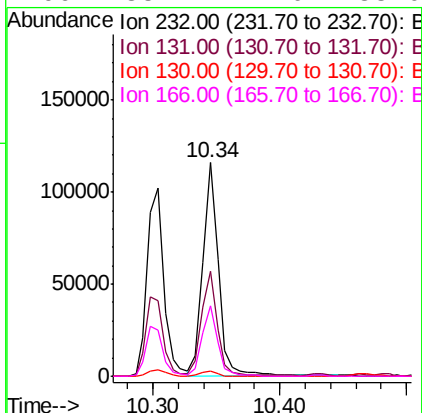
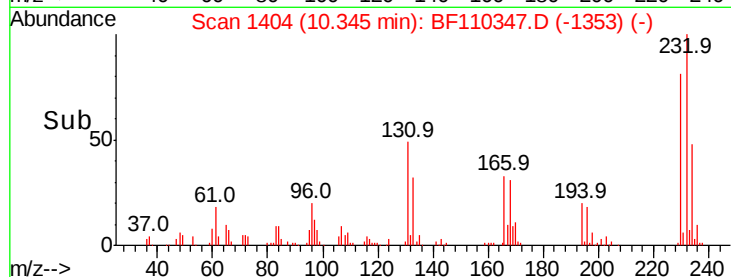
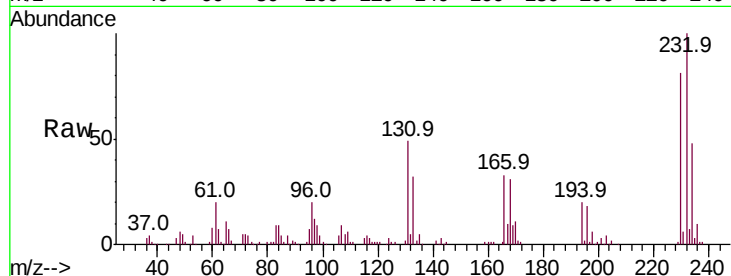
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 33.436 ng
 RT: 10.34 min Scan# 1404
 Delta R.T. -0.00 min
 Lab File: BF110347.D
 Acq: 31 Oct 2018 21:50

Instrument :
 BNA_F
 ClientSampleId :
 PB114334BS

Tot Ion	Ratio	Lower	Upper
232	100		
131	48.6	37.0	55.4
130	2.3	1.8	2.6
166	33.2	22.0	33.0#

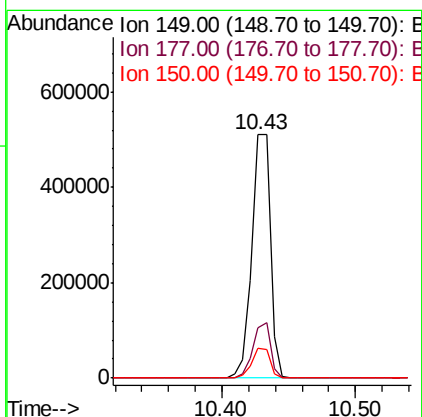
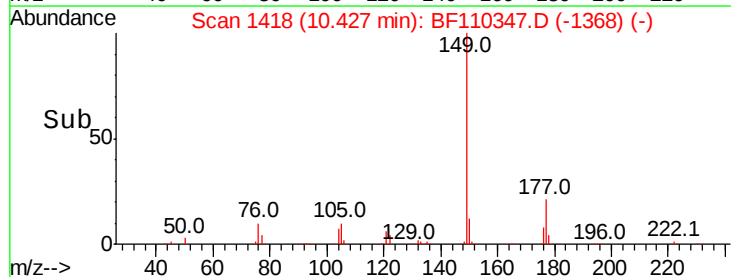
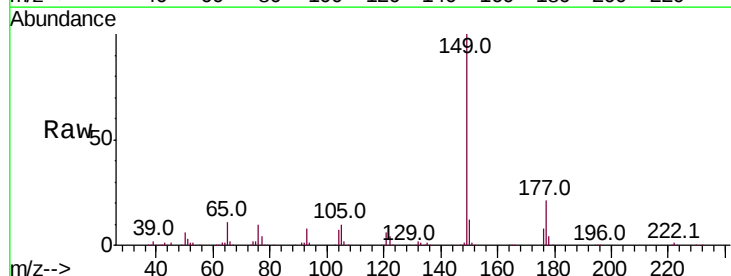
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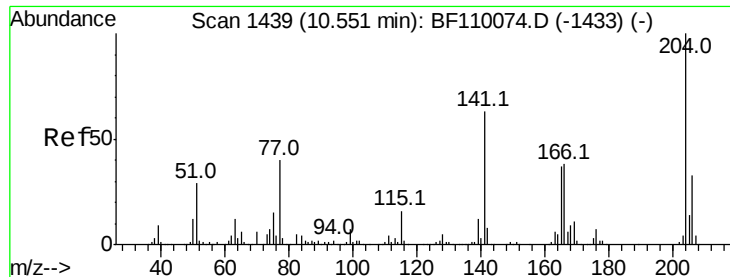
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#60
 Diethylphthalate
 Concen: 39.135 ng
 RT: 10.43 min Scan# 1418
 Delta R.T. -0.01 min
 Lab File: BF110347.D
 Acq: 31 Oct 2018 21:50

Tgt Ion	Ratio	Lower	Upper
149	100		
177	20.6	17.4	26.2
150	12.2	9.8	14.8





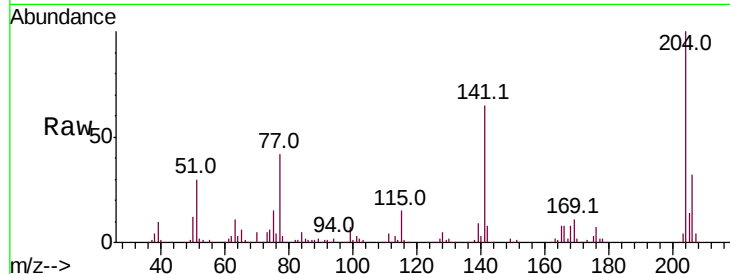
#61
4-Chlorophenyl-phenylether
Concen: 35.691 ng
RT: 10.56 min Scan# 1440
Delta R.T. -0.00 min
Lab File: BF110347.D
Acq: 31 Oct 2018 21:50

Instrument :
BNA_F
ClientSampleId :
PB114334BS

Tot Ion	Ratio	Lower	Upper
204	100		
206	31.7	26.5	39.7
141	65.0	51.8	77.8

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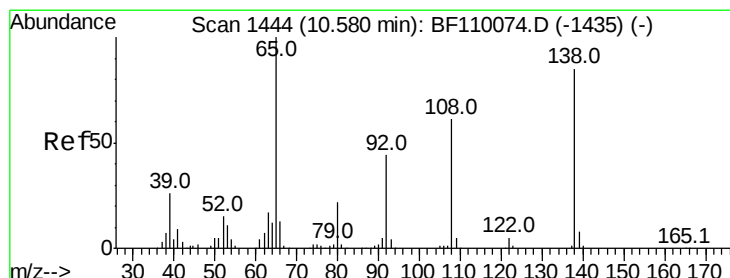
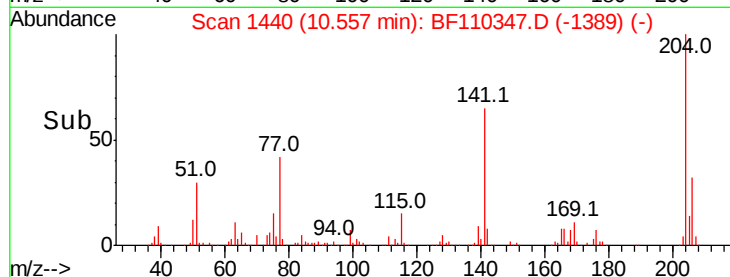
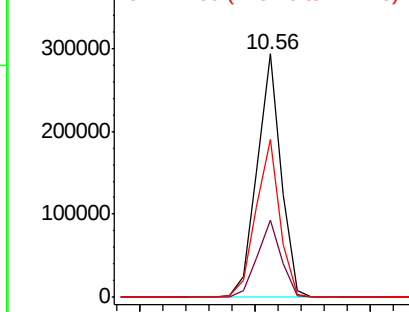


Abundance

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: 30.984 ng
RT: 10.59 min Scan# 1446
Delta R.T. -0.01 min
Lab File: BF110347.D
Acq: 31 Oct 2018 21:50

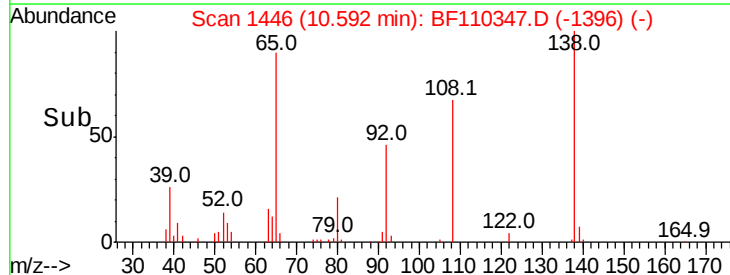
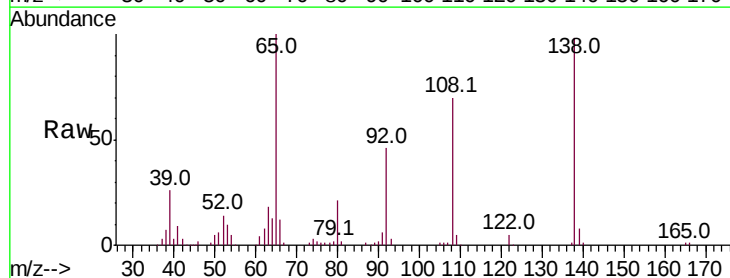
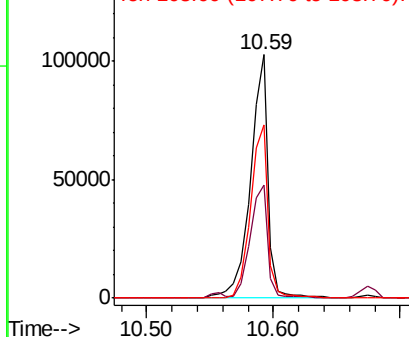
Tgt Ion	Ratio	Lower	Upper
138	100		
92	46.4	31.7	71.7
108	71.0	59.3	99.3

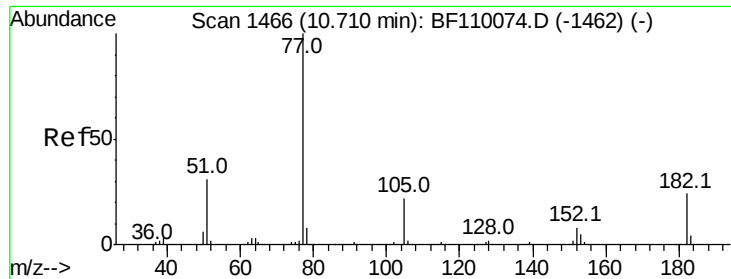
Abundance

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





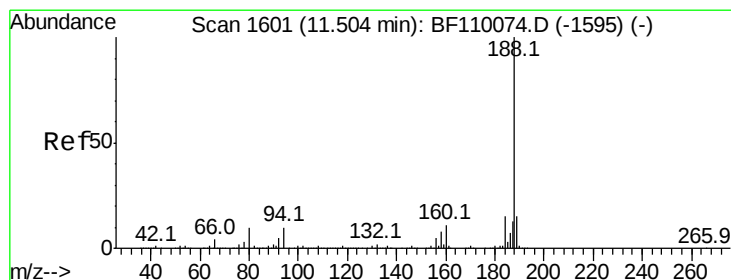
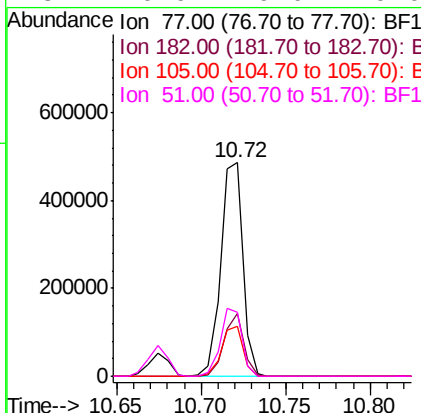
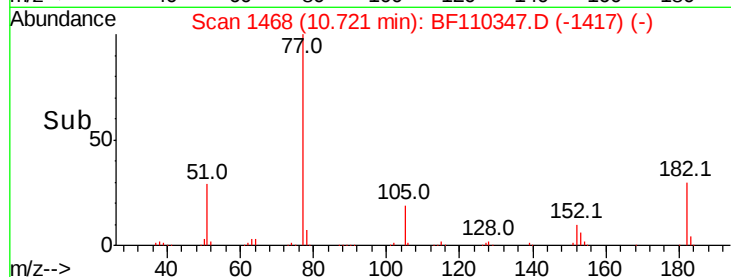
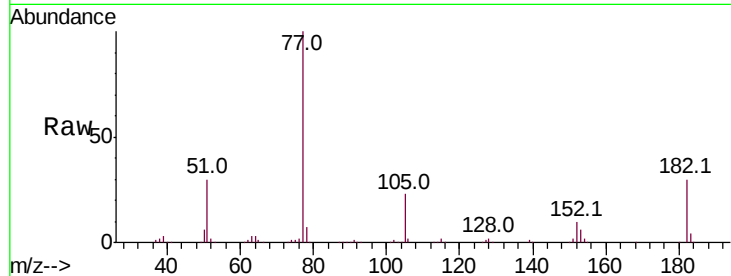
#63
Azobenzene
Concen: 36.204 ng
RT: 10.72 min Scan# 1468
Delta R.T. -0.00 min
Lab File: BF110347.D
Acq: 31 Oct 2018 21:50

Instrument :
BNA_F
ClientSampleId :
PB114334BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
77	100		443443		
182	29.7	4.3	44.3		
105	23.1	1.3	41.3		
51	29.9	9.0	49.0		

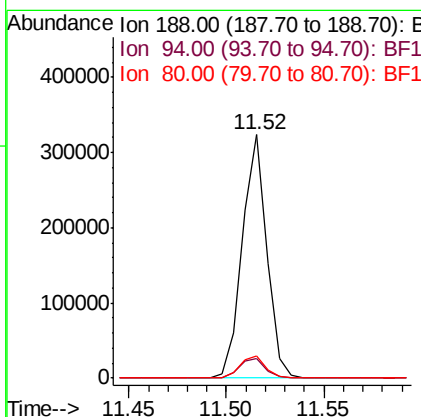
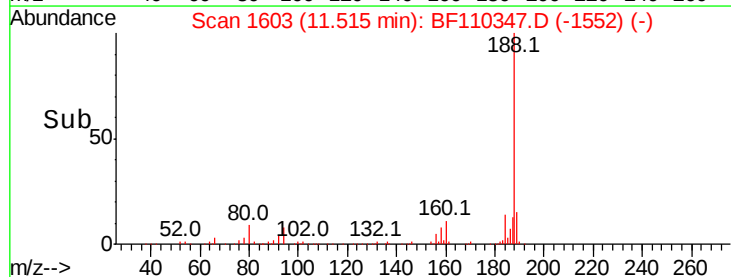
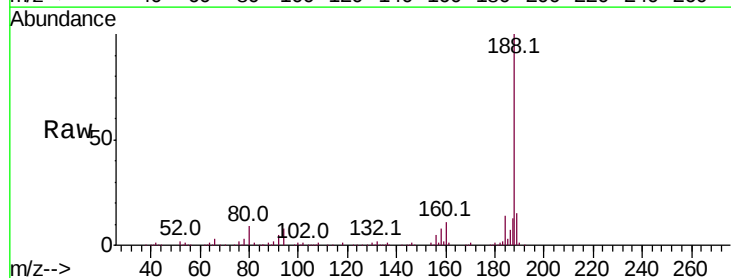
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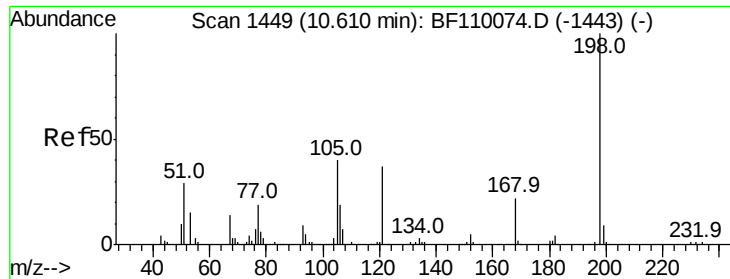
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#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.52 min Scan# 1603
Delta R.T. -0.00 min
Lab File: BF110347.D
Acq: 31 Oct 2018 21:50

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
188	100		281955		
94	8.1	7.2	10.8		
80	9.1	7.9	11.9		





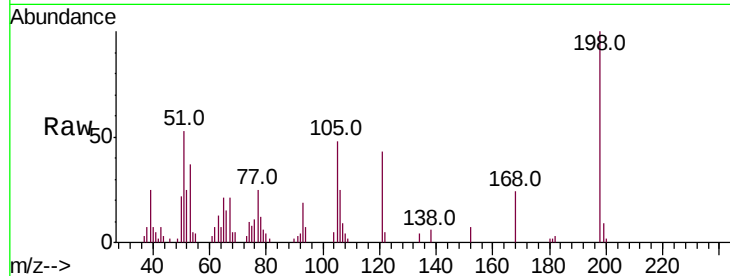
#65
 4,6-Dinitro-2-methylphenol
 Concen: 11.644 ng
 RT: 10.62 min Scan# 1451
 Delta R.T. -0.01 min
 Lab File: BF110347.D
 Acq: 31 Oct 2018 21:50

Instrument :
 BNA_F
 ClientSampleId :
 PB114334BS

Tot Ion	Ratio	Resp	Lower	Upper
198	100	14999		
51	52.9		22.8	62.8
105	47.8		23.6	63.6

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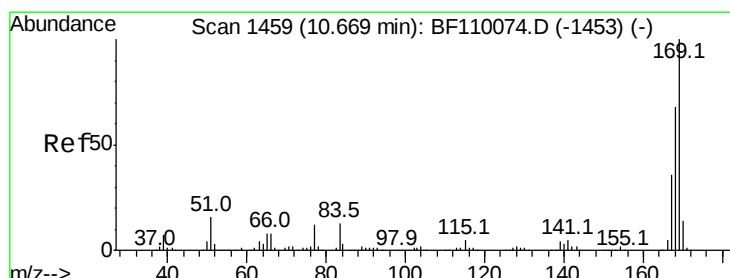
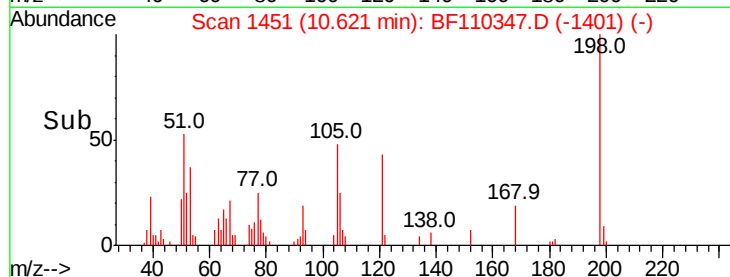
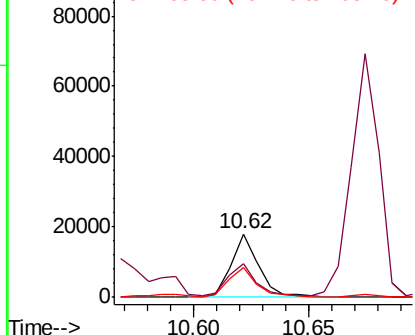


Abundance

Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF1

Ion 105.00 (104.70 to 105.70): E



#66
 n-Nitrosodiphenylamine
 Concen: 42.339 ng
 RT: 10.67 min Scan# 1460
 Delta R.T. -0.01 min
 Lab File: BF110347.D
 Acq: 31 Oct 2018 21:50

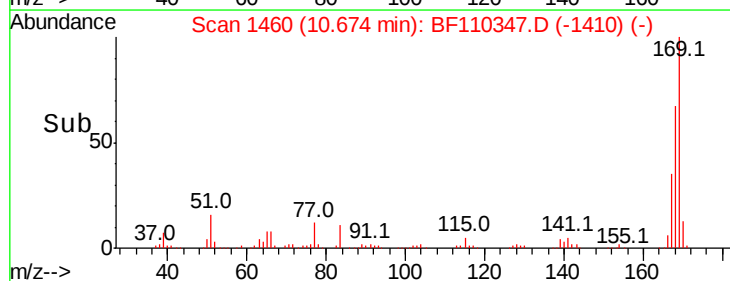
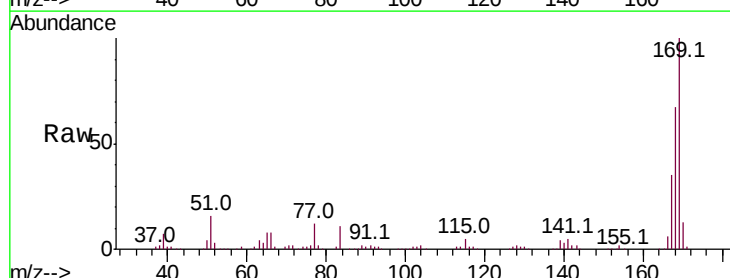
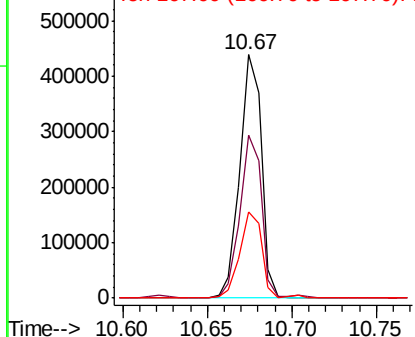
Tgt Ion	Ratio	Resp	Lower	Upper
169	100	391555		
168	66.9		51.2	76.8
167	35.3		27.8	41.6

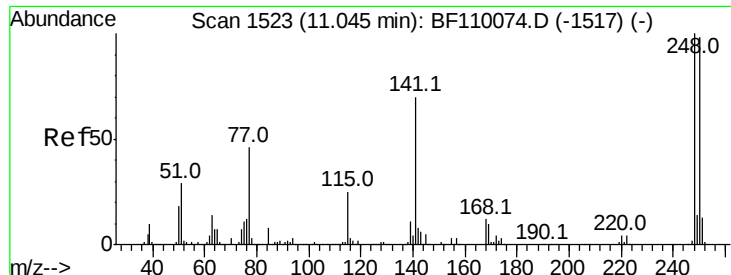
Abundance

Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E





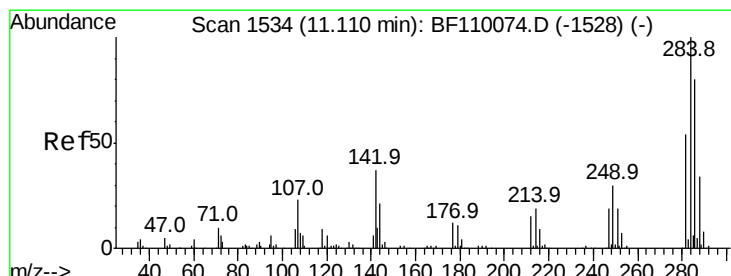
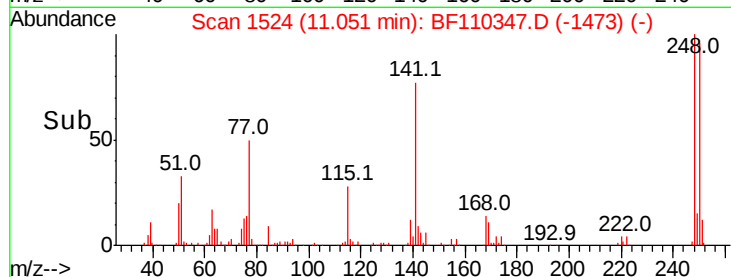
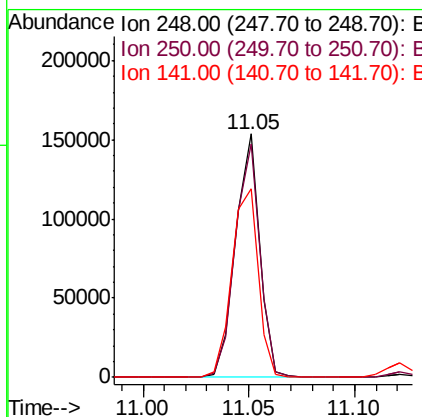
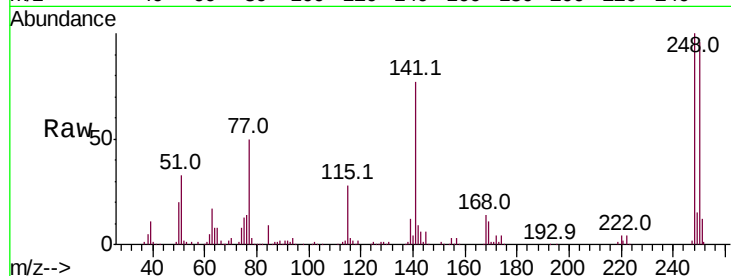
#67
 4-Bromophenyl-phenylether
 Concen: 39.520 ng
 RT: 11.05 min Scan# 1524
 Delta R.T. -0.00 min
 Lab File: BF110347.D
 Acq: 31 Oct 2018 21:50

Instrument :
 BNA_F
 ClientSampleId :
 PB114334BS

Tot Ion:	248	Resp:	120869
Ion Ratio	Lower	Upper	
248	100		
250	95.7	79.4	119.2
141	77.3	55.9	83.9

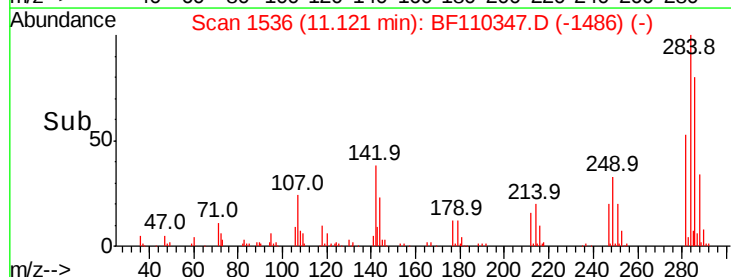
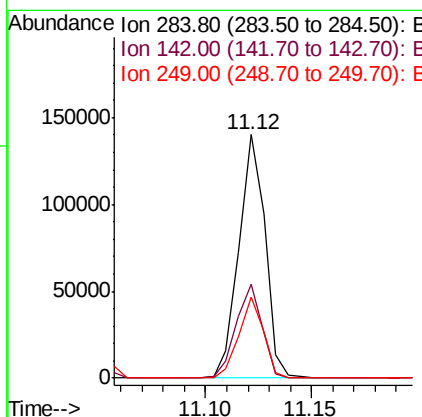
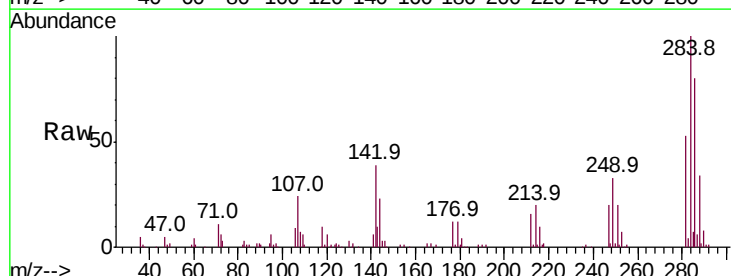
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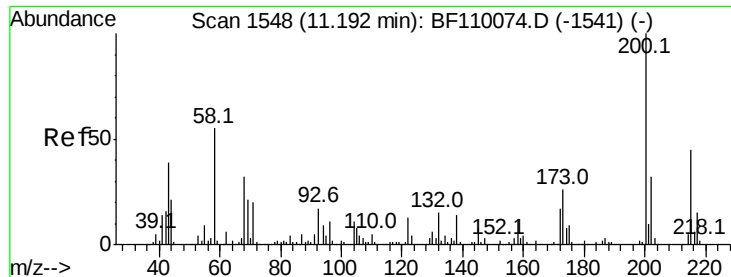
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#68
 Hexachlorobenzene
 Concen: 37.042 ng
 RT: 11.12 min Scan# 1536
 Delta R.T. -0.01 min
 Lab File: BF110347.D
 Acq: 31 Oct 2018 21:50

Tgt Ion:	284	Resp:	120203
Ion Ratio	Lower	Upper	
284	100		
142	38.5	23.9	35.9#
249	33.2	24.2	36.2





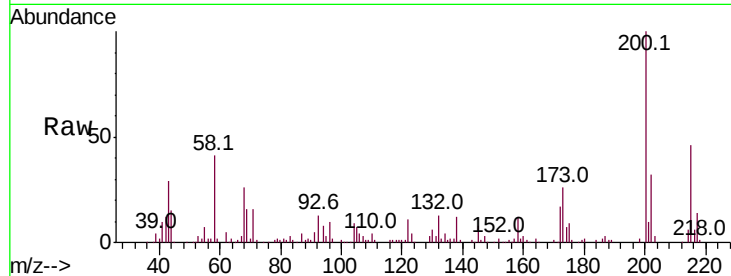
#69
Atrazine
Concen: 43.207 ng
RT: 11.20 min Scan# 1550
Delta R.T. -0.00 min
Lab File: BF110347.D
Acq: 31 Oct 2018 21:50

Instrument :
BNA_F
ClientSampleId :
PB114334BS

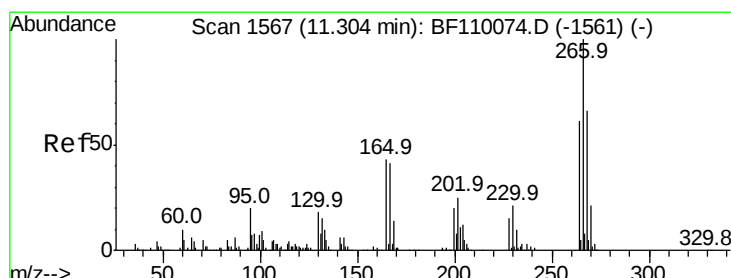
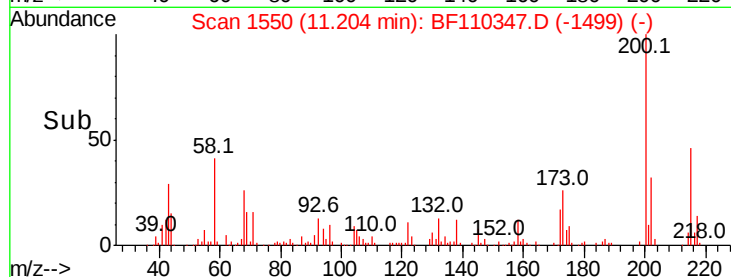
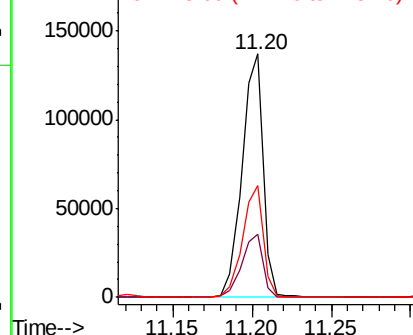
Tot Ion	Ratio	Resp Lower	Upper
200	100		
173	26.1	6.6	46.6
215	45.8	26.3	66.3

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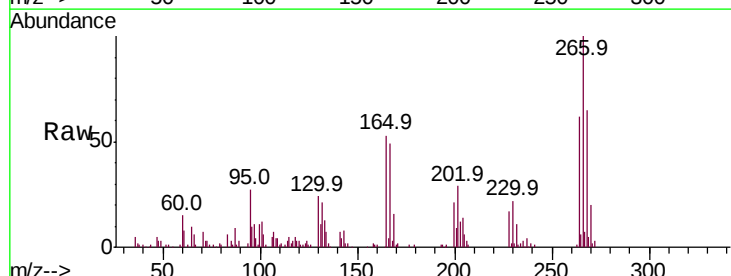


Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E

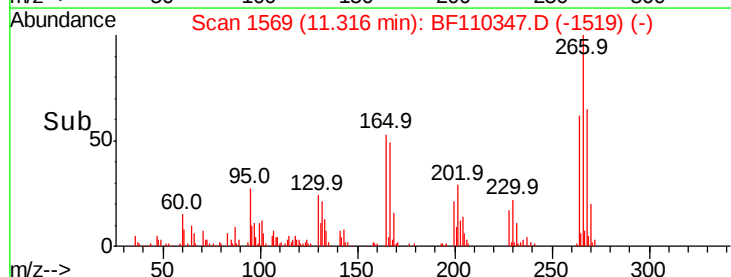
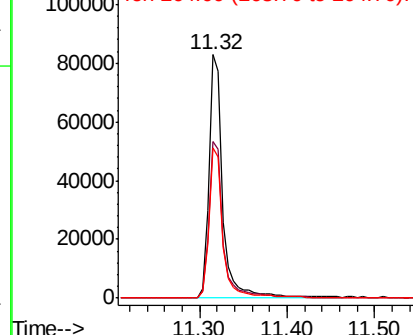


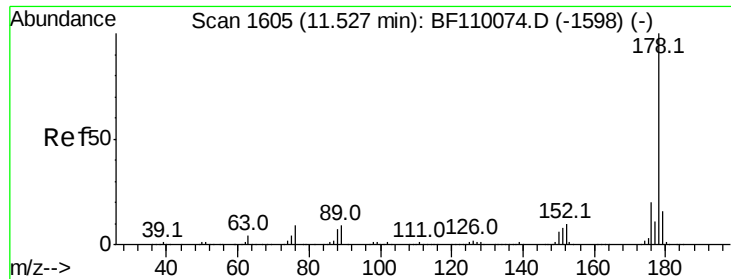
#70
Pentachlorophenol
Concen: 48.576 ng
RT: 11.32 min Scan# 1569
Delta R.T. -0.01 min
Lab File: BF110347.D
Acq: 31 Oct 2018 21:50

Tgt Ion	Ratio	Resp Lower	Upper
266	100		
268	64.6	50.6	75.8
264	61.8	50.6	75.8



Abundance Ion 265.70 (265.40 to 266.40): E
Ion 268.00 (267.70 to 268.70): E
Ion 264.00 (263.70 to 264.70): E





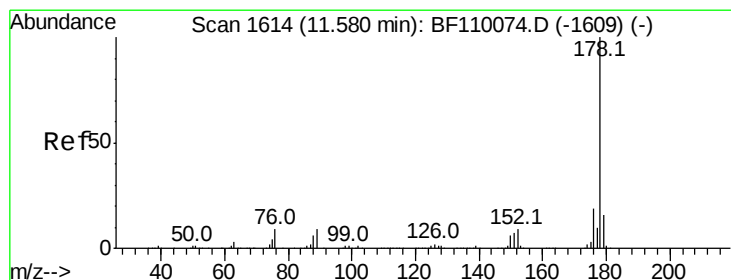
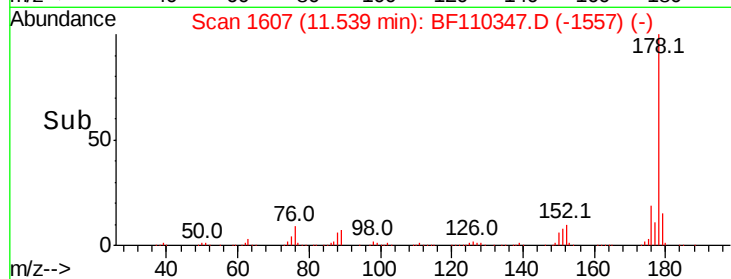
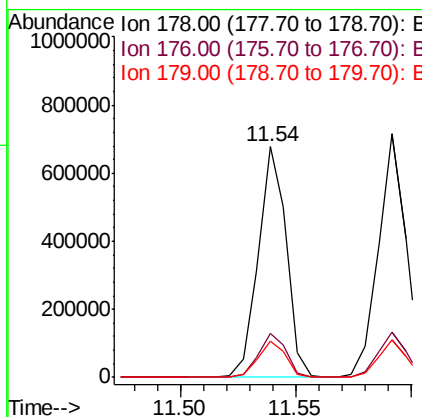
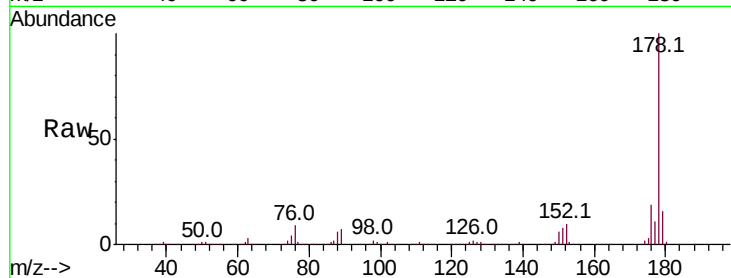
#71
Phenanthrene
Concen: 38.934 ng
RT: 11.54 min Scan# 1607
Delta R.T. -0.01 min
Lab File: BF110347.D
Acq: 31 Oct 2018 21:50

Instrument :
BNA_F
ClientSampleId :
PB114334BS

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.1	15.5	23.3
179	15.6	12.5	18.7

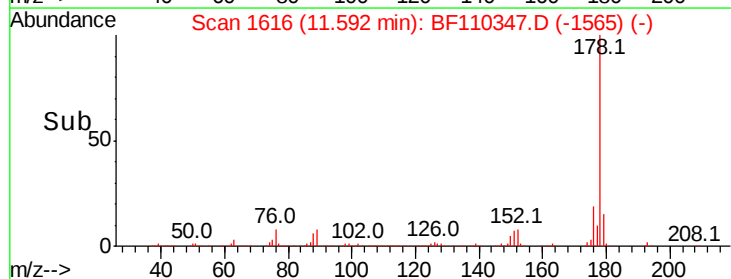
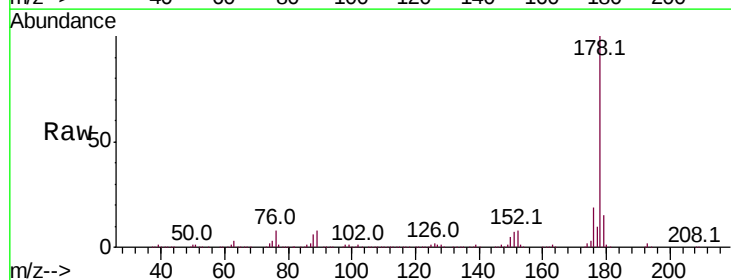
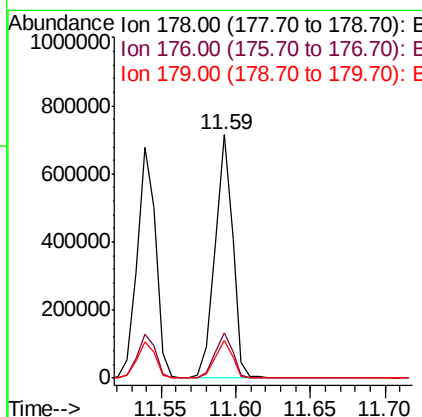
Manual Integrations
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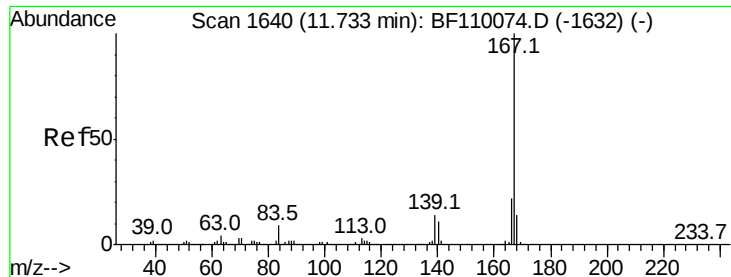
Sohil
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#72
Anthracene
Concen: 40.098 ng
RT: 11.59 min Scan# 1616
Delta R.T. -0.00 min
Lab File: BF110347.D
Acq: 31 Oct 2018 21:50

Tgt Ion	Ratio	Lower	Upper
178	100		
176	18.7	15.4	23.2
179	15.4	12.6	18.8





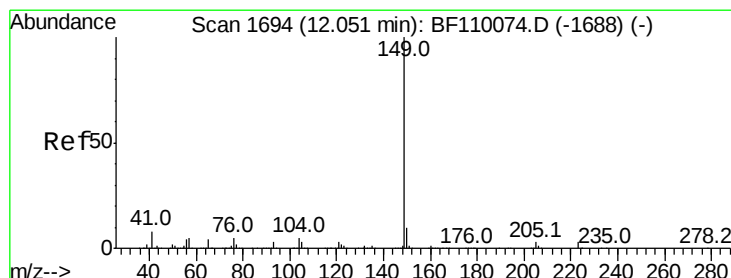
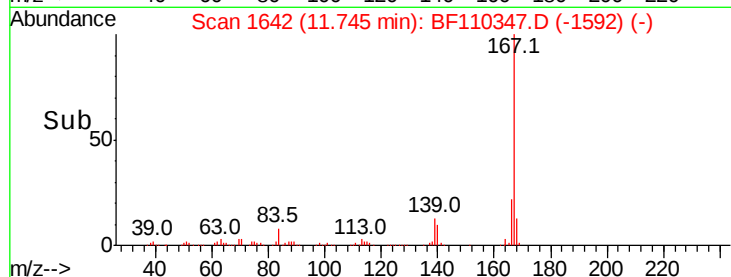
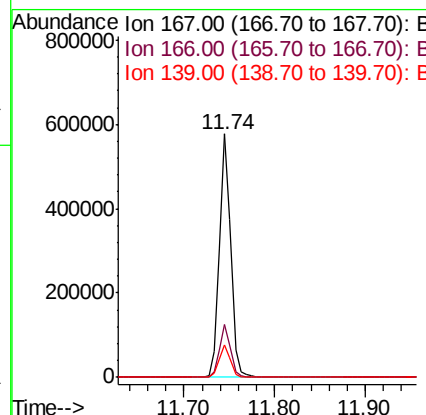
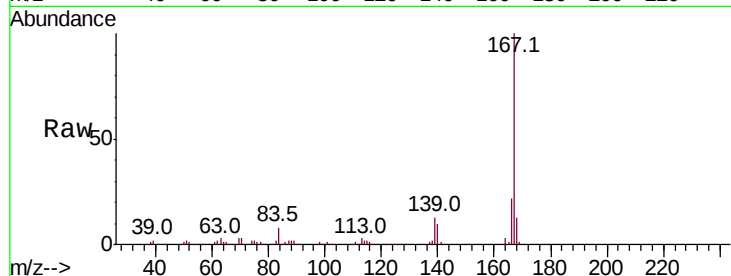
#73
 Carbazole
 Concen: 34.709 ng
 RT: 11.74 min Scan# 1642
 Delta R.T. -0.01 min
 Lab File: BF110347.D
 Acq: 31 Oct 2018 21:50

Instrument :
 BNA_F
 ClientSampleId :
 PB114334BS

Tot Ion:	167	Resp:	501155
Ion Ratio	Lower	Upper	
167	100		
166	21.6	17.4	26.0
139	13.3	10.9	16.3

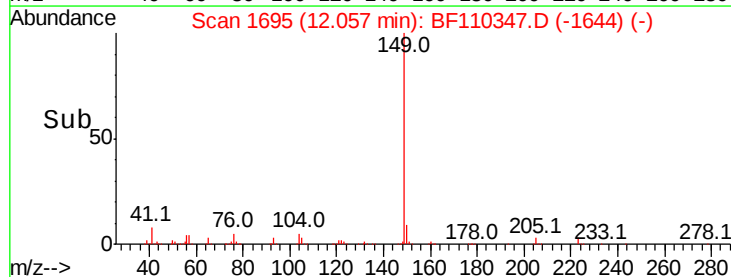
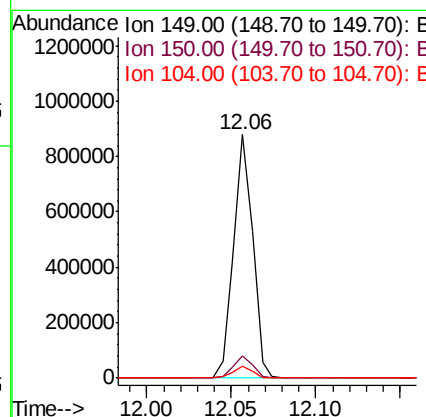
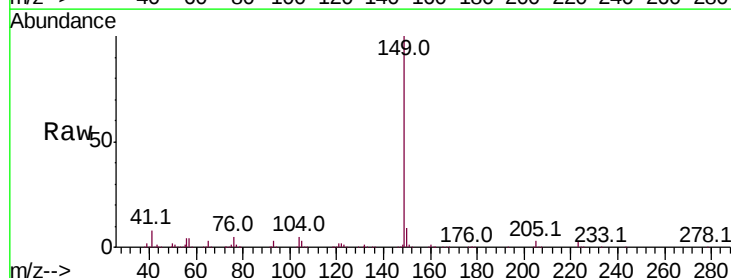
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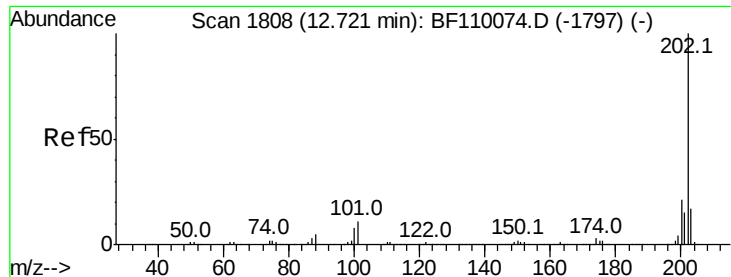
Sohil
 11/1/2018 10:46:00 AM



#74
 Di-n-butylphthalate
 Concen: 42.340 ng
 RT: 12.06 min Scan# 1695
 Delta R.T. -0.00 min
 Lab File: BF110347.D
 Acq: 31 Oct 2018 21:50

Tgt Ion:	149	Resp:	690433
Ion Ratio	Lower	Upper	
149	100		
150	9.2	7.7	11.5
104	4.9	4.2	6.4





#75

Fluoranthene

Concen: 34.096 ng

RT: 12.73 min Scan# 1810

Delta R.T. -0.01 min

Lab File: BF110347.D

Acq: 31 Oct 2018 21:50

Instrument :

BNA_F

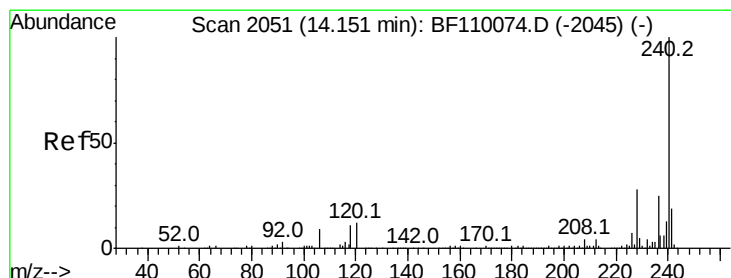
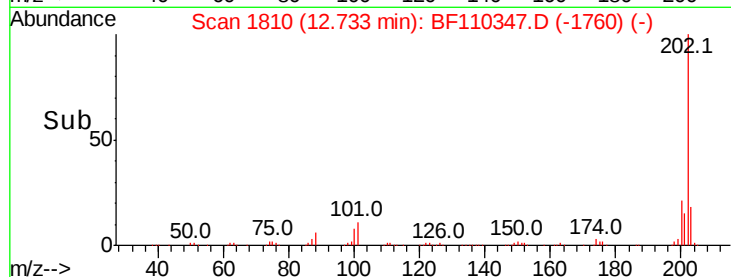
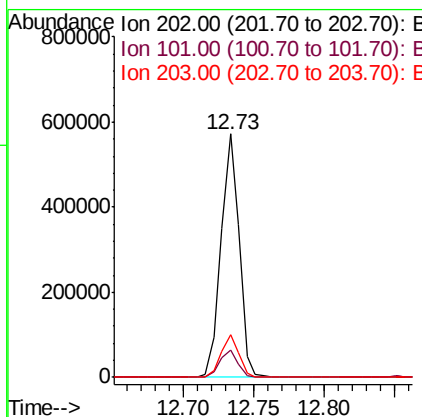
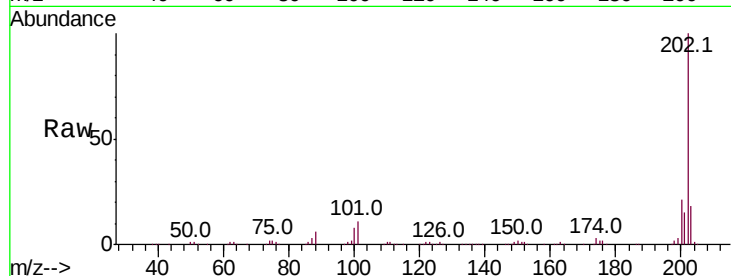
ClientSampleId :

PB114334BS

Tot Ion	Ratio	Resp	Lower	Upper
202	100	510518		
101	11.2	0.0	31.4	
203	17.6	0.0	37.7	

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#76

Chrysene-d12

Concen: 20.000 ng

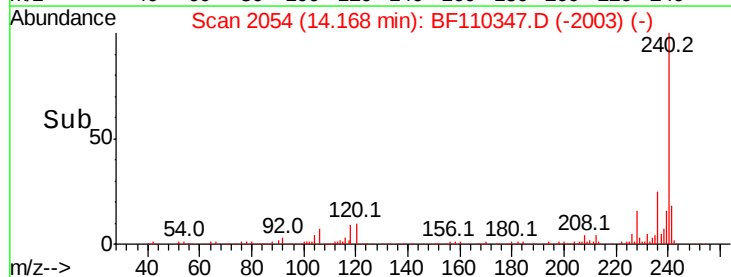
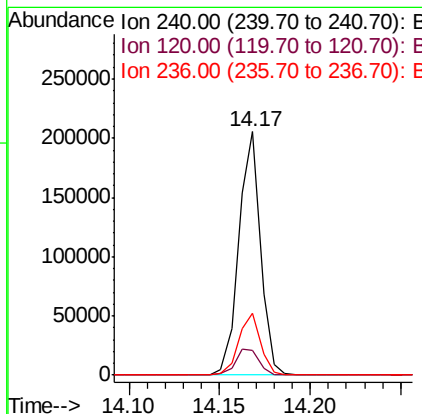
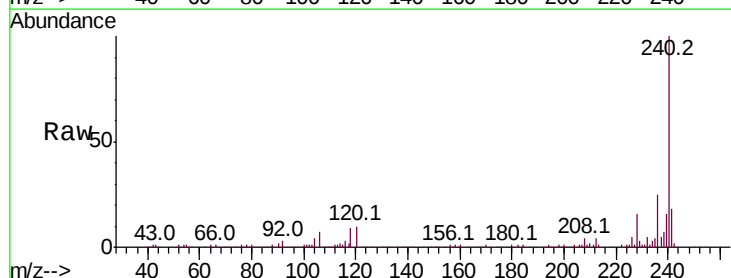
RT: 14.17 min Scan# 2054

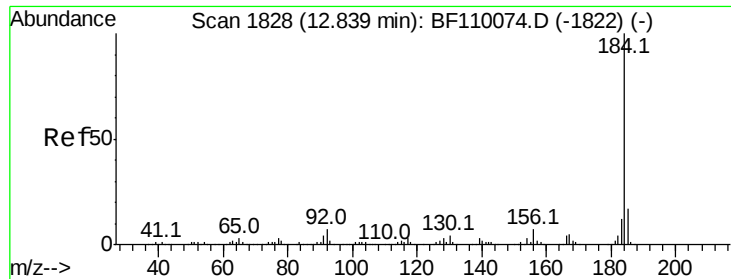
Delta R.T. -0.00 min

Lab File: BF110347.D

Acq: 31 Oct 2018 21:50

Tgt Ion	Ratio	Resp	Lower	Upper
240	100	170853		
120	10.0	8.3	12.5	
236	25.3	21.2	31.8	





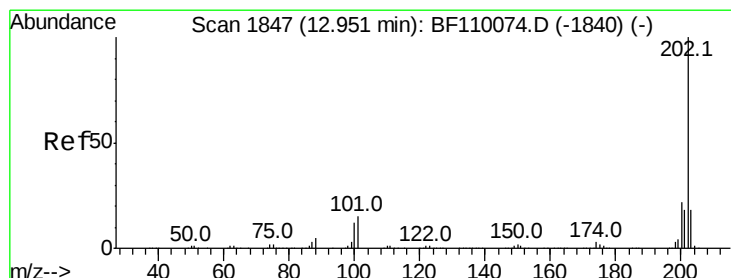
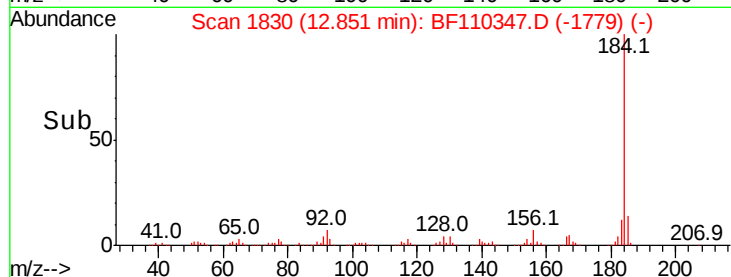
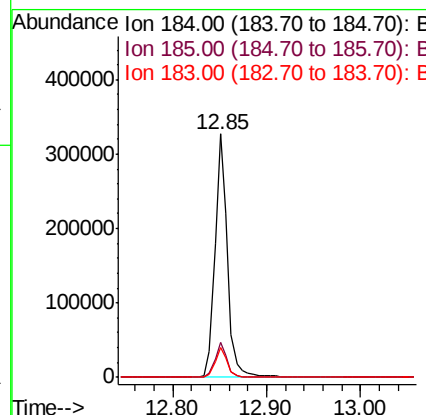
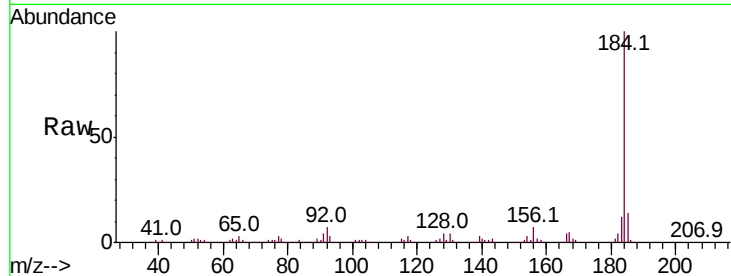
#77
Benzidine
Concen: Below Cal
RT: 12.85 min Scan# 1830
Delta R.T. -0.00 min
Lab File: BF110347.D
Acq: 31 Oct 2018 21:50

Instrument :
BNA_F
ClientSampleId :
PB114334BS

Tot Ion	Ratio	Resp	Lower	Upper
184	100			
185	14.3	13.4	20.2	
183	12.4	9.4	14.2	

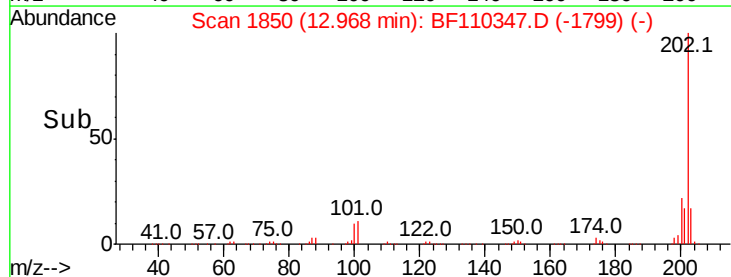
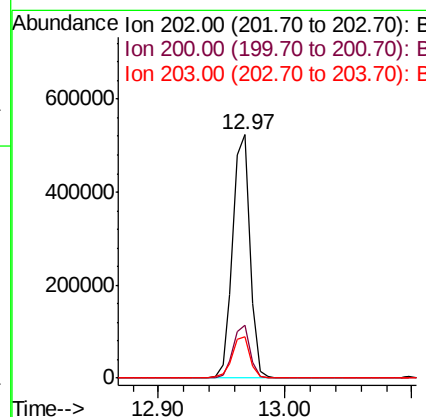
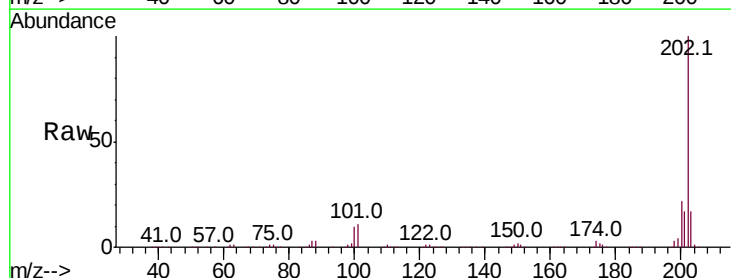
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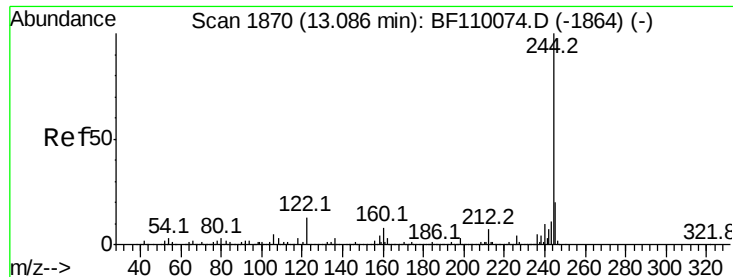
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#78
Pyrene
Concen: 40.494 ng
RT: 12.97 min Scan# 1850
Delta R.T. -0.00 min
Lab File: BF110347.D
Acq: 31 Oct 2018 21:50

Tgt Ion	Ratio	Resp	Lower	Upper
202	100			
200	21.8	17.8	26.6	
203	17.1	14.2	21.4	





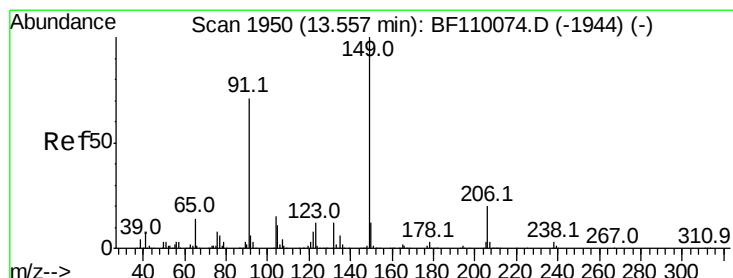
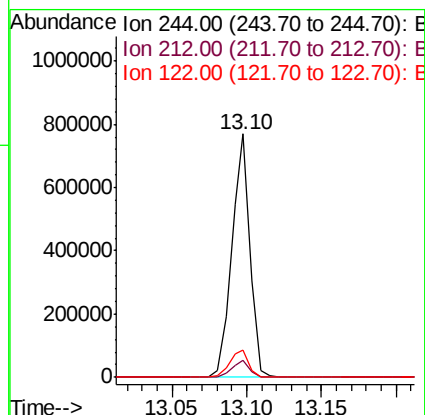
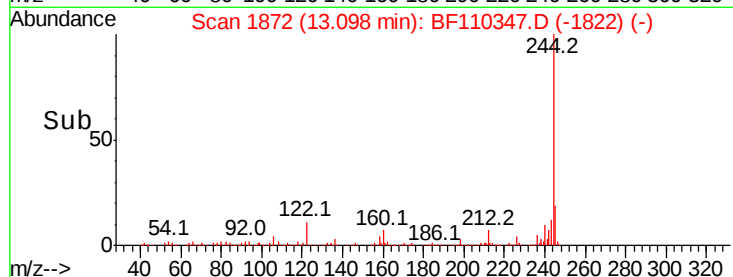
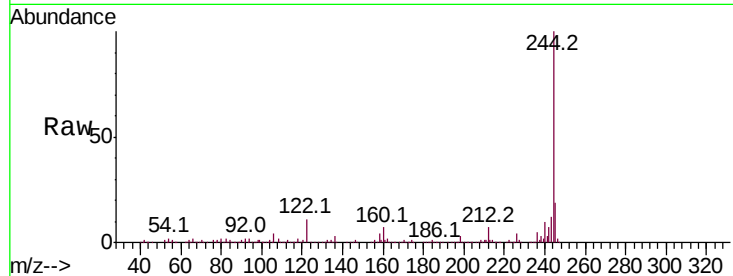
#79
 Terphenyl-d14
 Concen: 80.222 ng
 RT: 13.10 min Scan# 1872
 Delta R.T. -0.01 min
 Lab File: BF110347.D
 Acq: 31 Oct 2018 21:50

Instrument :
 BNA_F
 ClientSampleId :
 PB114334BS

Tot Ion:	244	Resp:	659046
Ion Ratio	Lower	Upper	
244	100		
212	7.1	5.8	8.8
122	11.1	8.7	13.1

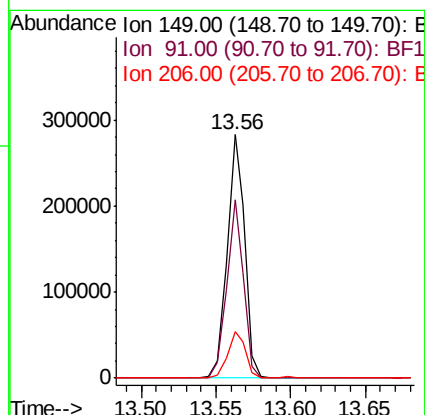
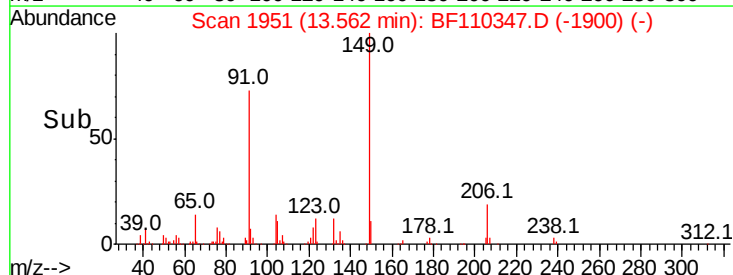
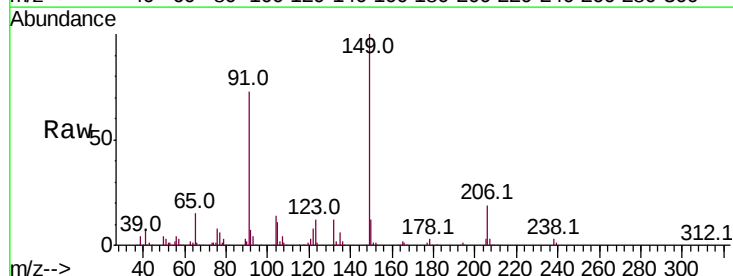
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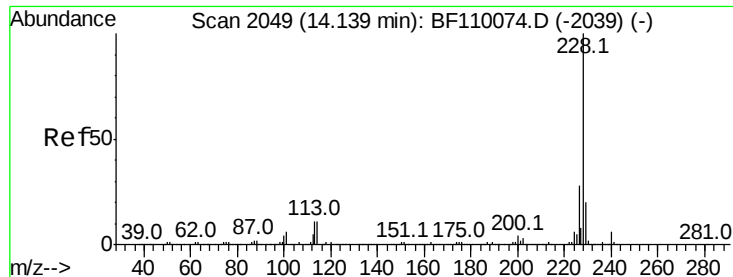
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#80
 Butylbenzylphthalate
 Concen: 44.258 ng
 RT: 13.56 min Scan# 1951
 Delta R.T. -0.00 min
 Lab File: BF110347.D
 Acq: 31 Oct 2018 21:50

Tgt Ion:	149	Resp:	235295
Ion Ratio	Lower	Upper	
149	100		
91	73.1	57.2	85.8
206	19.3	15.7	23.5





#81

Benzo(a)anthracene

Concen: 40.167 ng

RT: 14.16 min Scan# 2052

Delta R.T. -0.01 min

Lab File: BF110347.D

Acq: 31 Oct 2018 21:50

Instrument :

BNA_F

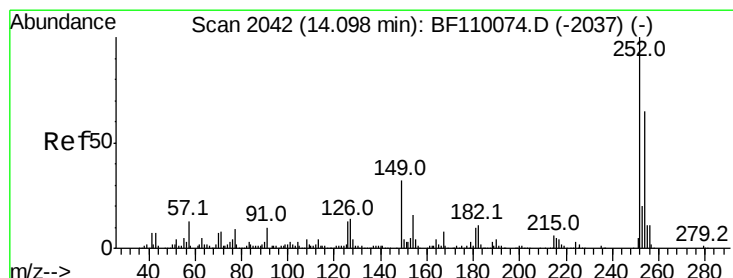
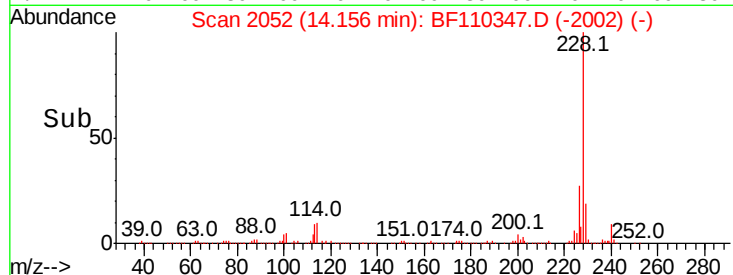
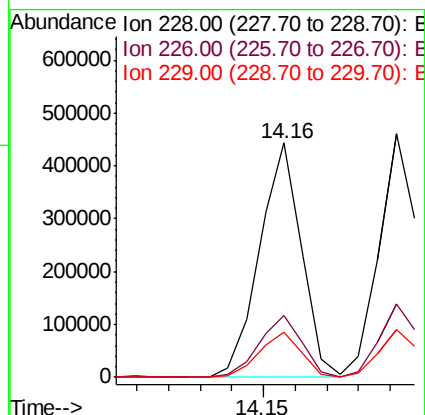
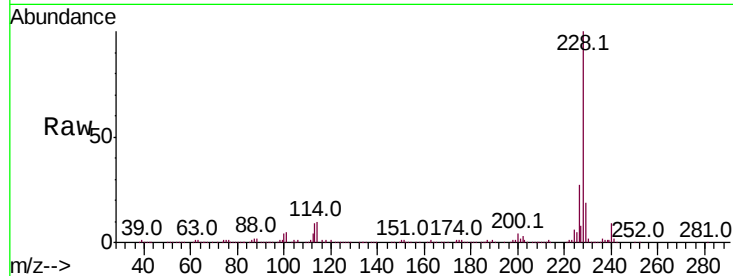
ClientSampleId :

PB114334BS

Tot Ion:	228	Resp:	406967
Ion Ratio	Lower	Upper	
228	100		
226	26.6	22.1	33.1
229	19.2	15.6	23.4

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#82

3,3'-Dichlorobenzidine

Concen: 33.791 ng

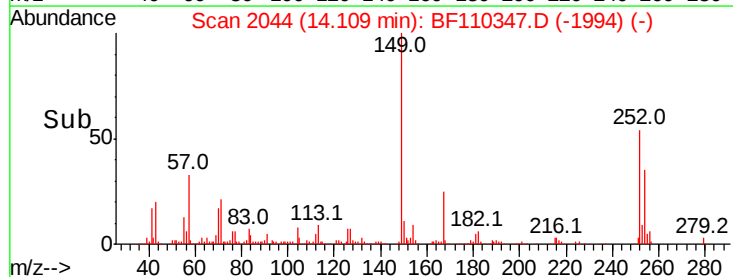
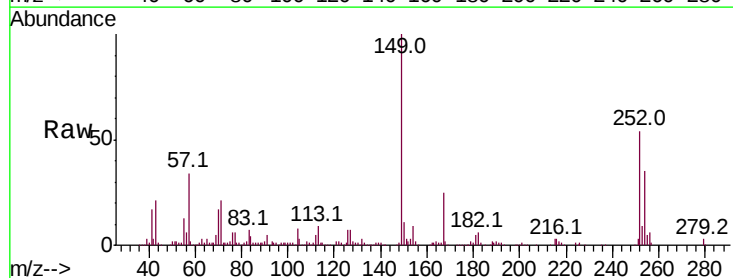
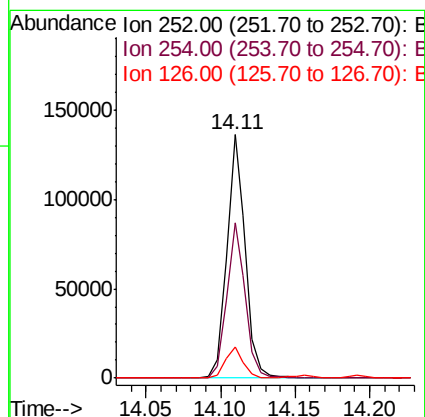
RT: 14.11 min Scan# 2044

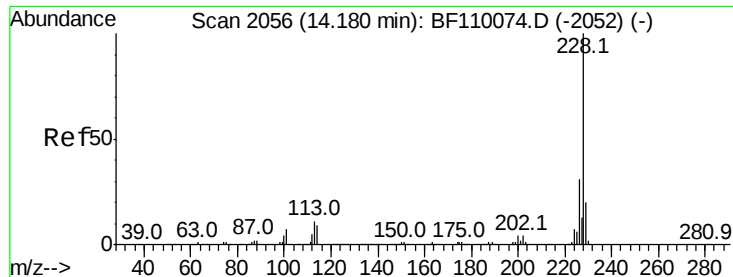
Delta R.T. -0.01 min

Lab File: BF110347.D

Acq: 31 Oct 2018 21:50

Tgt Ion:	252	Resp:	119217
Ion Ratio	Lower	Upper	
252	100		
254	63.9	51.3	76.9
126	12.6	9.4	14.2





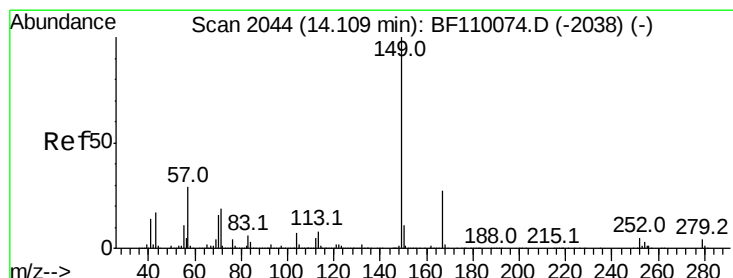
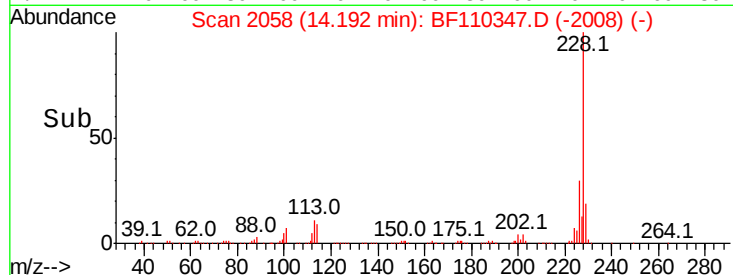
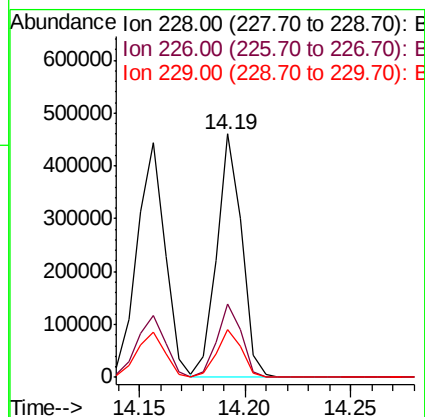
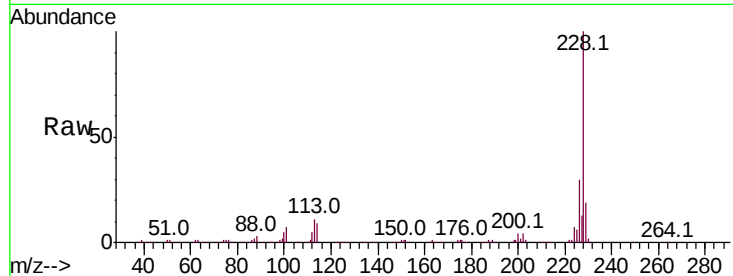
#83
Chrysene
Concen: 39.332 ng
RT: 14.19 min Scan# 2058
Delta R.T. -0.01 min
Lab File: BF110347.D
Acq: 31 Oct 2018 21:50

Instrument :
BNA_F
ClientSampleId :
PB114334BS

Tot Ion	Ratio	Lower	Upper
228	100		
226	30.0	24.7	37.1
229	19.5	15.9	23.9

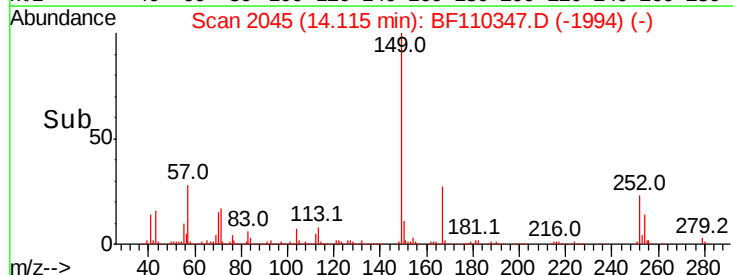
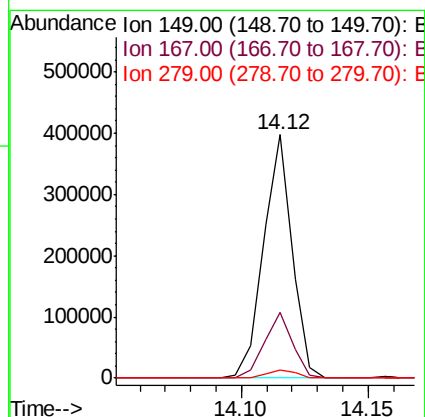
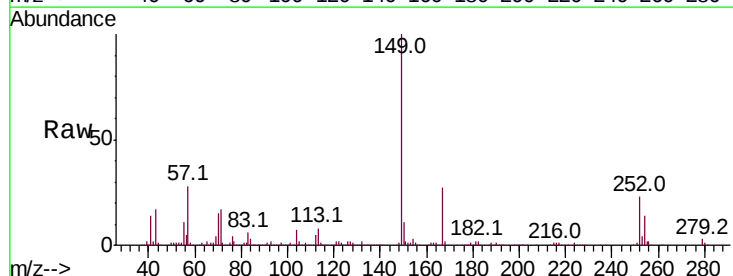
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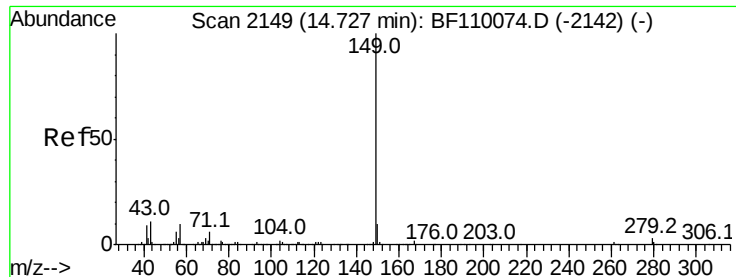
Sohil
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#84
Bis(2-ethylhexyl)phthalate
Concen: 43.650 ng
RT: 14.12 min Scan# 2045
Delta R.T. -0.00 min
Lab File: BF110347.D
Acq: 31 Oct 2018 21:50

Tgt Ion	Ratio	Lower	Upper
149	100		
167	26.9	19.8	29.8
279	3.4	2.7	4.1





#85

Di-n-octyl phthalate

Concen: 45.220 ng

RT: 14.73 min Scan# 2150

Delta R.T. -0.01 min

Lab File: BF110347.D

Acq: 31 Oct 2018 21:50

Instrument :

BNA_F

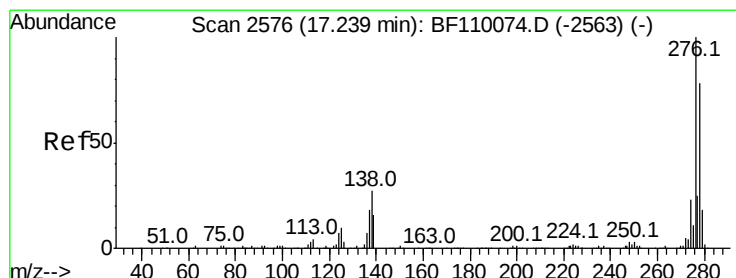
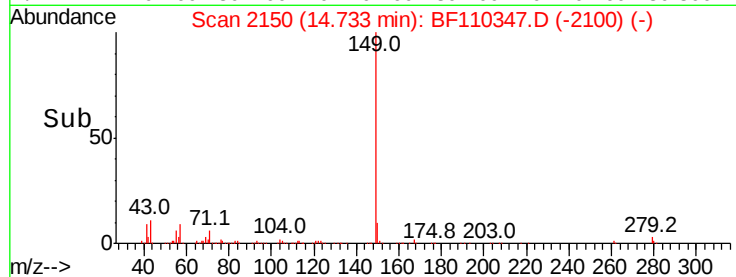
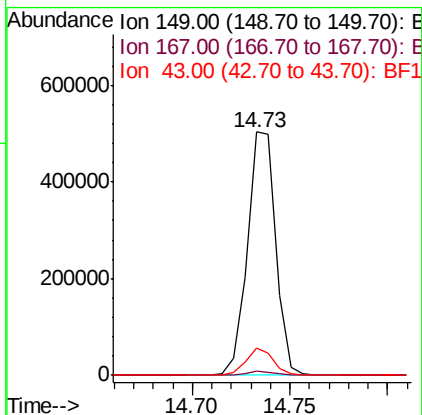
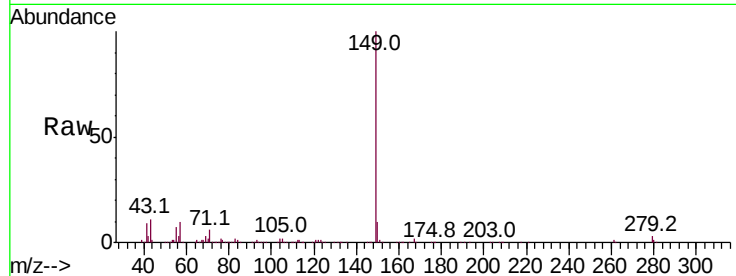
ClientSampleId :

PB114334BS

Tot Ion:	149	Resp:	505329
Ion Ratio	Lower	Upper	
149	100		
167	1.6	1.1	1.7
43	10.4	7.8	11.8

Manual Integrations
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#86

Indeno(1,2,3-cd)pyrene

Concen: 31.570 ng

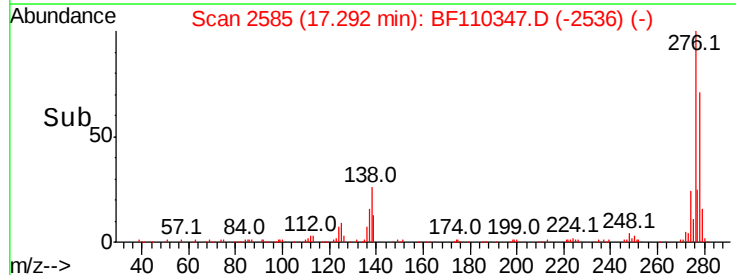
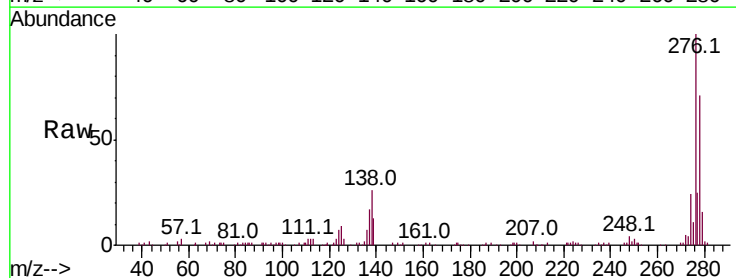
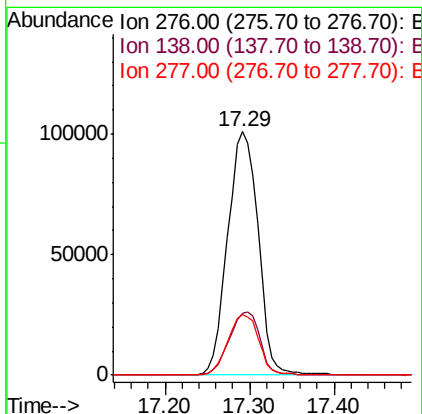
RT: 17.29 min Scan# 2585

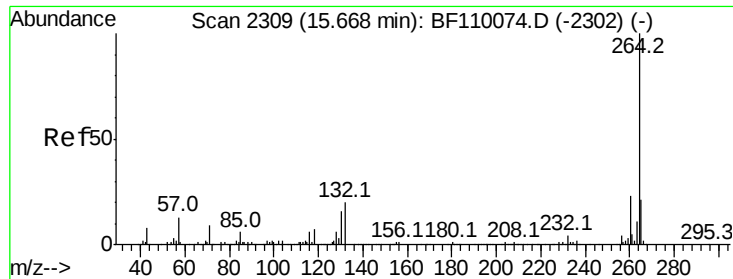
Delta R.T. -0.01 min

Lab File: BF110347.D

Acq: 31 Oct 2018 21:50

Tgt Ion:	276	Resp:	252037
Ion Ratio	Lower	Upper	
276	100		
138	26.0	18.5	27.7
277	25.0	20.0	30.0





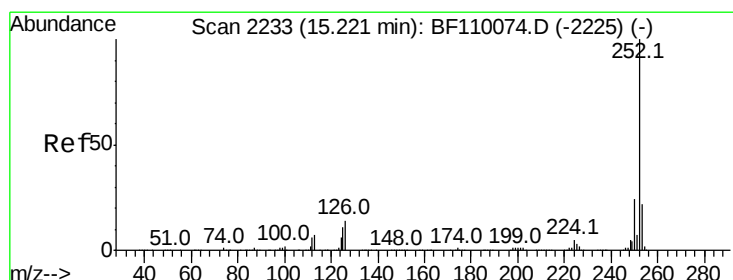
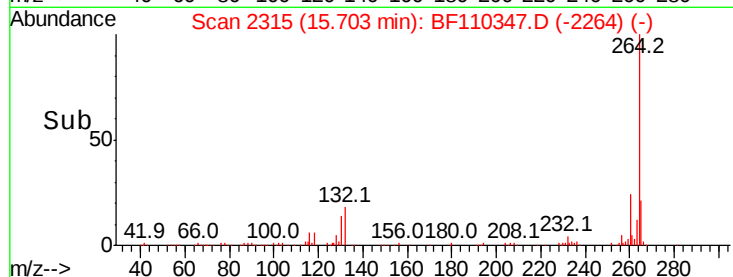
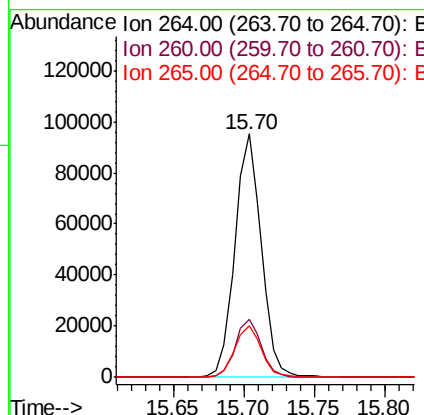
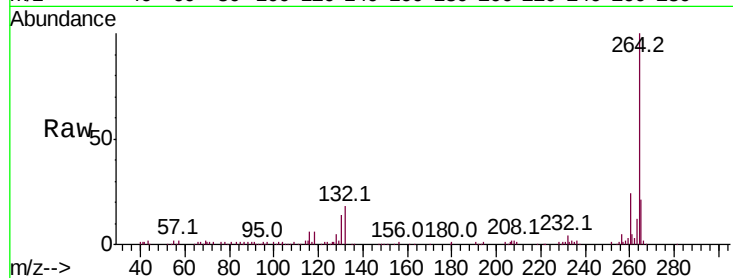
#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.70 min Scan# 2315
Delta R.T. -0.00 min
Lab File: BF110347.D
Acq: 31 Oct 2018 21:50

Instrument :
BNA_F
ClientSampleId :
PB114334BS

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.7	18.7	28.1
265	20.9	16.7	25.1

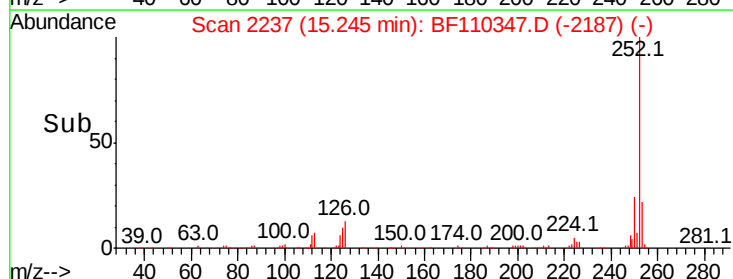
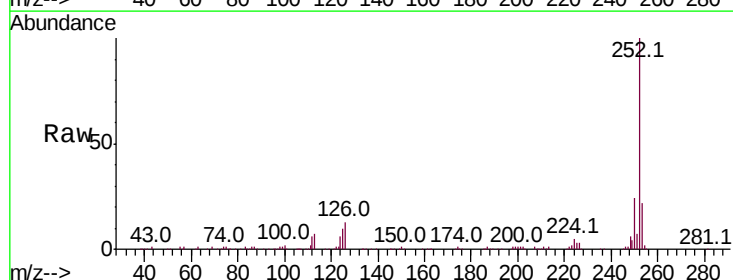
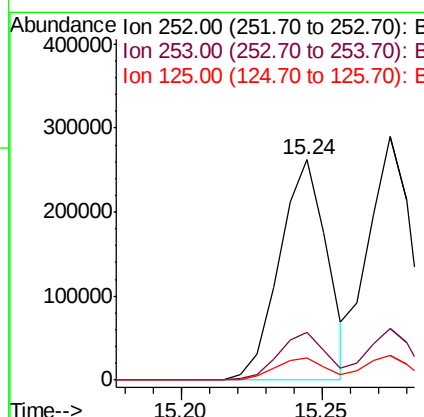
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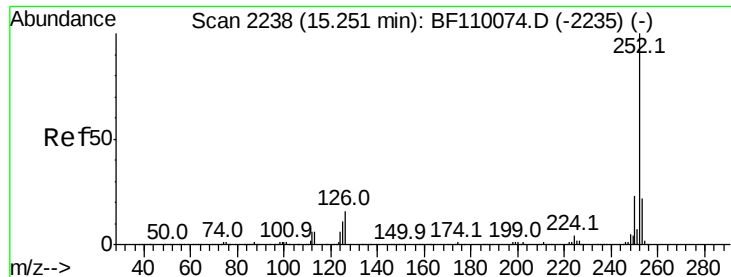
Sohil
11/1/2018 10:46:00 AM



#88
Benzo(b)fluoranthene
Concen: 42.727 ng
RT: 15.24 min Scan# 2237
Delta R.T. -0.01 min
Lab File: BF110347.D
Acq: 31 Oct 2018 21:50

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.7	17.2	25.8
125	9.9	8.2	12.4





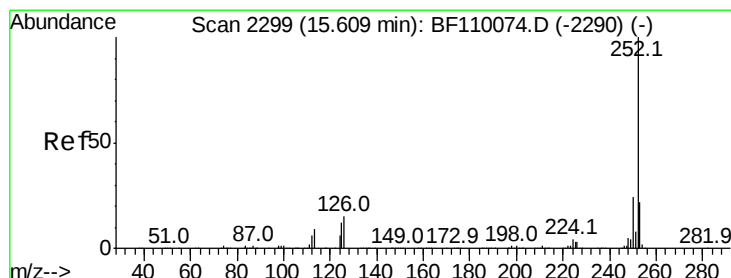
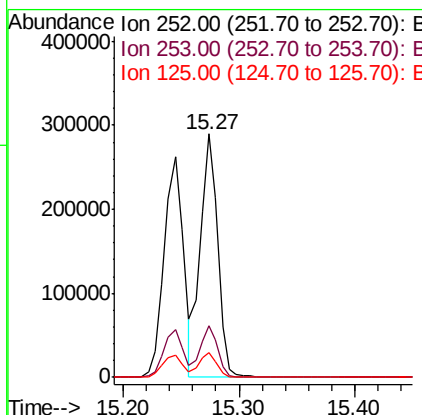
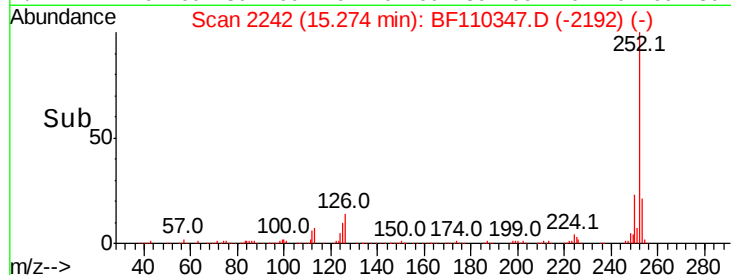
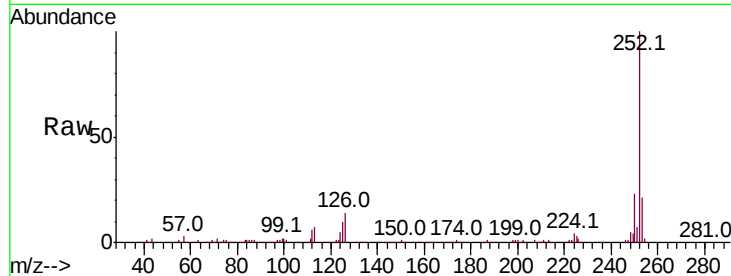
#89
Benzo(k)fluoranthene
Concen: 43.738 ng
RT: 15.27 min Scan# 2242
Delta R.T. -0.01 min
Lab File: BF110347.D
Acq: 31 Oct 2018 21:50

Instrument :
BNA_F
ClientSampleId :
PB114334BS

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.3	17.2	25.8
125	10.4	7.4	11.0

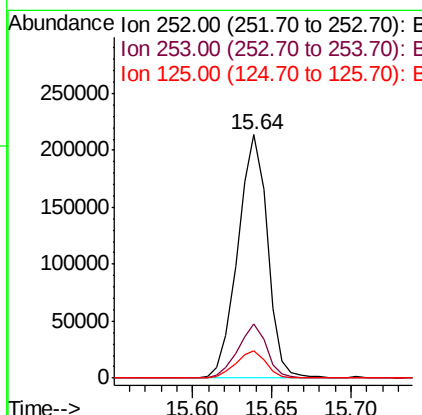
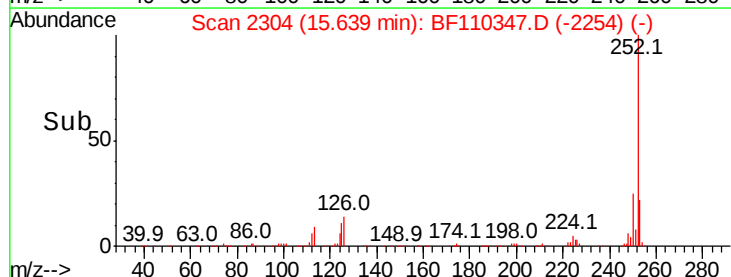
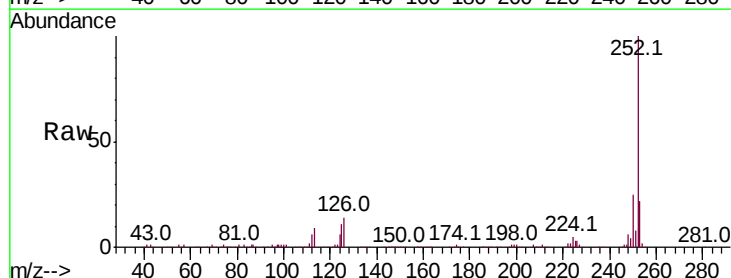
Manual Integrations
APPROVED

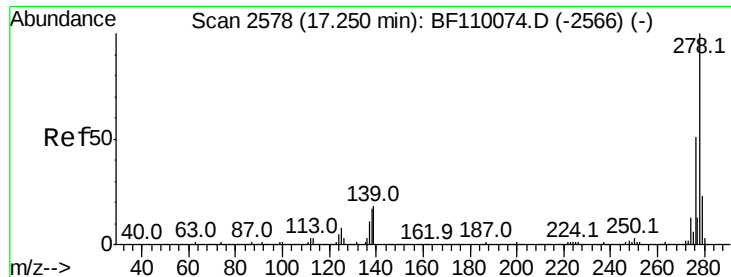
Sohil
11/1/2018 10:46:00 AM



#90
Benzo(a)pyrene
Concen: 41.967 ng
RT: 15.64 min Scan# 2304
Delta R.T. -0.01 min
Lab File: BF110347.D
Acq: 31 Oct 2018 21:50

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.2	18.2	27.4
125	11.2	9.0	13.6





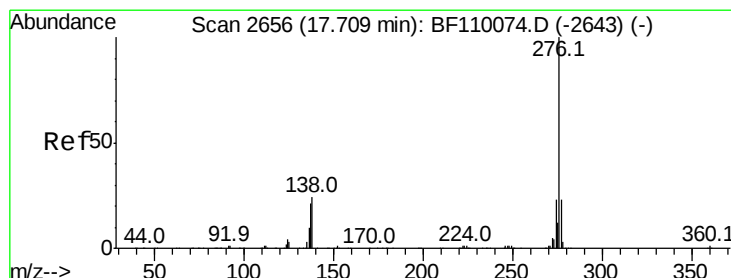
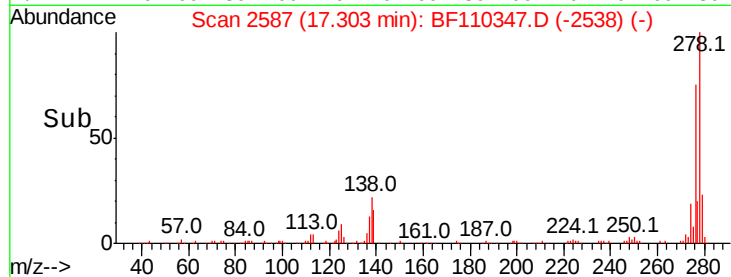
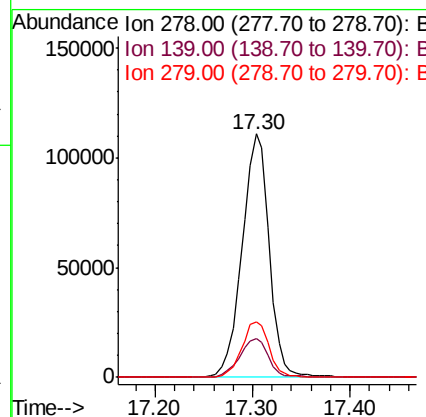
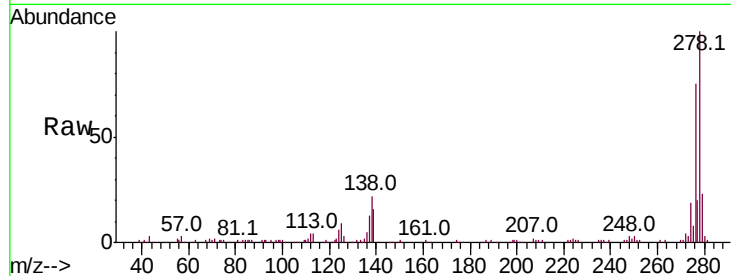
#91
Dibenzo(a,h)anthracene
Concen: 37.444 ng
RT: 17.30 min Scan# 2587
Delta R.T. -0.01 min
Lab File: BF110347.D
Acq: 31 Oct 2018 21:50

Instrument :
BNA_F
ClientSampleId :
PB114334BS

Tot Ion	Ratio	Lower	Upper
278	100		
139	16.2	12.7	19.1
279	22.9	19.0	28.4

Manual Integrations
APPROVED

Sohil
11/1/2018 10:46:00 AM



#92
Benzo(g,h,i)perylene
Concen: 35.667 ng
RT: 17.77 min Scan# 2667
Delta R.T. -0.02 min
Lab File: BF110347.D
Acq: 31 Oct 2018 21:50

Tgt Ion	Ratio	Lower	Upper
276	100		
277	22.6	18.8	28.2
138	20.2	16.0	24.0

