

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF110118\
 Data File : BF110373.D
 Acq On : 1 Nov 2018 17:50
 Operator : JU/SJ
 Sample : PB114382BS
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB114382BS

Manual Integrations
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Sohil
 11/2/2018 2:48:44 PM

Quant Time: Nov 02 04:29:25 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF102318.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Nov 01 16:06:12 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.96	152	72357	20.00	ng	0.00
21) Naphthalene-d8	8.24	136	299421	20.00	ng	0.00
39) Acenaphthene-d10	10.00	164	139354	20.00	ng	0.00
64) Phenanthrene-d10	11.49	188	247165	20.00	ng	0.00
76) Chrysene-d12	14.14	240	137063	20.00	ng	0.00
87) Perylene-d12	15.69	264	146871	20.00	ng	0.04

System Monitoring Compounds

5) 2-Fluorophenol	5.59	112	663156	149.25	ng	0.02
7) Phenol-d6	6.59	99	829531	145.96	ng	0.00
23) Nitrobenzene-d5	7.52	82	413653	81.94	ng	0.00
42) 2,4,6-Tribromophenol	10.79	330	200704	145.40	ng	0.00
45) 2-Fluorobiphenyl	9.31	172	801882	90.36	ng	0.00
79) Terphenyl-d14	13.07	244	619705	94.03	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.89	88	97502	41.883	ng	90
3) Pyridine	3.66	79	208997	40.307	ng	# 83
4) n-Nitrosodimethylamine	3.62	42	98119	45.167	ng	92
6) Aniline	6.62	93	247722	33.460	ng	# 54
8) 2-Chlorophenol	6.75	128	214751	41.921	ng	98
9) Benzaldehyde	6.51	77	156092	51.451	ng	98
10) Phenol	6.60	94	262524	43.213	ng	# 65
11) bis(2-Chloroethyl)ether	6.69	93	194873	38.990	ng	96
12) 1,3-Dichlorobenzene	6.90	146	228370	40.509	ng	97
13) 1,4-Dichlorobenzene	6.97	146	231202	40.550	ng	97
14) 1,2-Dichlorobenzene	7.13	146	218231	41.231	ng	98
15) Benzyl Alcohol	7.09	79	186291	42.618	ng	94
16) 2,2'-oxybis(1-Chloropropan	7.22	45	314505	39.356	ng	69
17) 2-Methylphenol	7.20	107	171405	41.984	ng	# 82
18) Hexachloroethane	7.46	117	85596	41.005	ng	92
19) n-Nitroso-di-n-propylamine	7.36	70	144244	39.561	ng	94
20) 3+4-Methylphenols	7.35	107	223015	42.260	ng	95
22) Acetophenone	7.36	105	298885	43.321	ng	# 96
24) Nitrobenzene	7.54	77	220722	42.350	ng	94
25) Isophorone	7.77	82	395096	45.914	ng	96
26) 2-Nitrophenol	7.85	139	111262	44.861	ng	98
27) 2,4-Dimethylphenol	7.88	122	195517	47.549	ng	100
28) bis(2-Chloroethoxy)methane	7.98	93	249947	42.757	ng	98
29) 2,4-Dichlorophenol	8.09	162	178619	42.997	ng	97
30) 1,2,4-Trichlorobenzene	8.18	180	192728	41.418	ng	96
31) Naphthalene	8.26	128	618619	44.828	ng	99
32) Benzoic acid	8.00	122	80697	25.392	ng	96
33) 4-Chloroaniline	8.30	127	147807	23.798	ng	97
34) Hexachlorobutadiene	8.37	225	107137	41.467	ng	97
35) Caprolactam	8.67	113	59706m	41.235	ng	
36) 4-Chloro-3-methylphenol	8.79	107	189108	42.097	ng	98
37) 2-Methylnaphthalene	8.95	142	429130	47.000	ng	99
38) 1-Methylnaphthalene	9.05	142	396486	44.936	ng	98
40) 1,2,4,5-Tetrachlorobenzene	9.12	216	180177	41.497	ng	99

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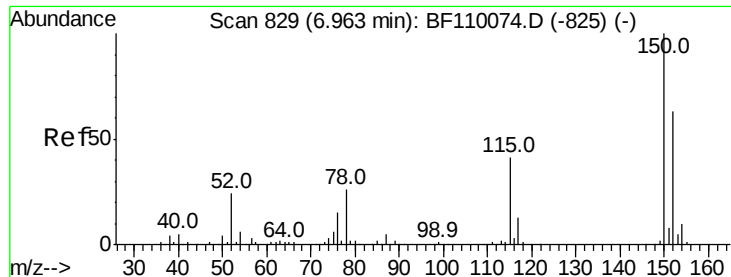
Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	9.10	237	138744	62.491	nq	99
43) 2,4,6-Trichlorophenol	9.23	196	119568	42.695	nq	97
44) 2,4,5-Trichlorophenol	9.27	196	123799	41.820	nq	96
46) 1,1'-Biphenyl	9.42	154	516946	41.022	nq	100
47) 2-Chloronaphthalene	9.45	162	390135	42.205	nq	99
48) 2-Nitroaniline	9.54	65	116165	41.471	nq	96
49) Acenaphthylene	9.86	152	601182	45.028	nq	99
50) Dimethylphthalate	9.71	163	445910	43.348	nq	99
51) 2,6-Dinitrotoluene	9.78	165	95919	43.288	nq	97
52) Acenaphthene	10.03	154	361189	40.893	nq	98
53) 3-Nitroaniline	9.95	138	68557	26.018	nq	91
54) 2,4-Dinitrophenol	10.06	184	48395	56.646	nq	93
55) Dibenzofuran	10.20	168	526087	42.542	nq	99
56) 4-Nitrophenol	10.12	139	176485	90.495	nq	97
57) 2,4-Dinitrotoluene	10.19	165	126440	44.925	nq	# 81
58) Fluorene	10.55	166	416983	45.307	nq	98
59) 2,3,4,6-Tetrachlorophenol	10.32	232	100888	41.812	nq	93
60) Diethylphthalate	10.41	149	437259	43.545	nq	99
61) 4-Chlorophenyl-phenylether	10.53	204	200215	41.238	nq	94
62) 4-Nitroaniline	10.57	138	93068	35.511	nq	96
63) Azobenzene	10.70	77	421922	42.330	nq	97
65) 4,6-Dinitro-2-methylphenol	10.60	198	38818	34.376	nq	88
66) n-Nitrosodiphenylamine	10.66	169	361725	44.619	nq	96
67) 4-Bromophenyl-phenylether	11.03	248	115758	43.177	nq	93
68) Hexachlorobenzene	11.10	284	120705	42.432	nq	95
69) Atrazine	11.18	200	114923	44.857	nq	99
70) Pentachlorophenol	11.29	266	97019	58.490	nq	97
71) Phenanthrene	11.52	178	571066	44.156	nq	99
72) Anthracene	11.57	178	596645	46.027	nq	98
73) Carbazole	11.72	167	469834	37.120	nq	99
74) Di-n-butylphthalate	12.03	149	649553	45.440	nq	99
75) Fluoranthene	12.71	202	500140	38.105	nq	98
77) Benzidine	12.82	184	280407	Below	Cal	98
78) Pyrene	12.94	202	475199	48.360	nq	98
80) Butylbenzylphthalate	13.54	149	203560	47.728	nq	95
81) Benzo(a)anthracene	14.13	228	370970	45.640	nq	99
82) 3,3'-Dichlorobenzidine	14.09	252	86922	30.711	nq	100
83) Chrysene	14.17	228	342032	44.304	nq	99
84) Bis(2-ethylhexyl)phthalate	14.10	149	279028	48.397	nq	97
85) Di-n-octyl phthalate	14.74	149	440696	49.158	nq	99
86) Indeno(1,2,3-cd)pyrene	17.26	276	406517	63.473	nq	98
88) Benzo(b)fluoranthene	15.24	252	370646	43.702	nq	99
89) Benzo(k)fluoranthene	15.27	252	344190	41.280	nq	99
90) Benzo(a)pyrene	15.63	252	359011	46.003	nq	98
91) Dibenzo(a,h)anthracene	17.27	278	335741	49.859	nq	98
92) Benzo(g,h,i)perylene	17.74	276	323506	48.753	nq	99

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



#1

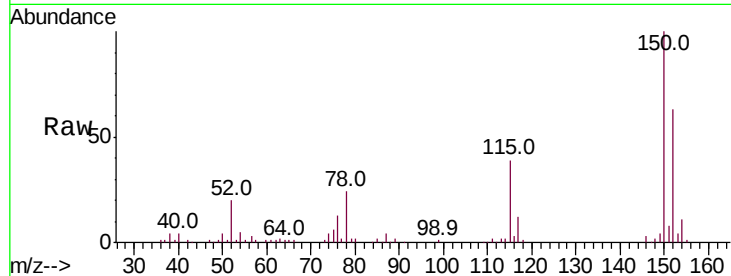
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.96 min Scan# 828
Delta R.T. 0.00 min
Lab File: BF110373.D
Acq: 1 Nov 2018 17:50

Instrument :
BNA_F
ClientSampleId :
PB114382BS

Tot Ion	Ratio	Lower	Upper
152	100		
150	157.5	122.7	184.1
115	61.3	49.1	73.7

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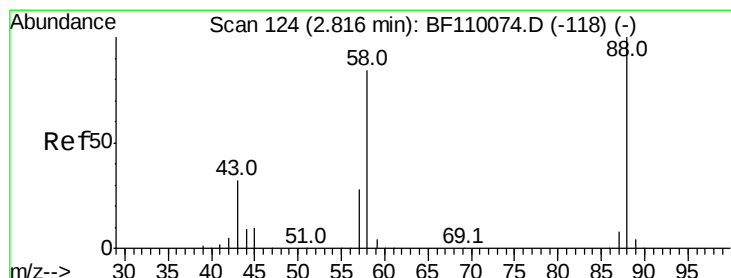
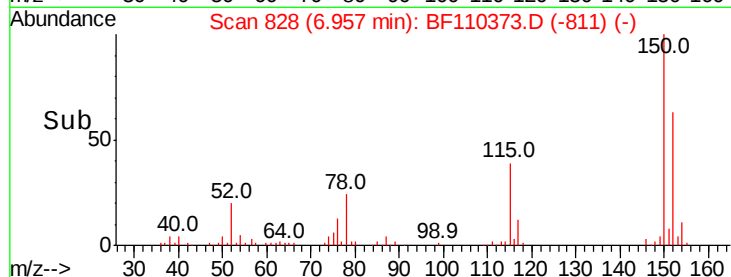
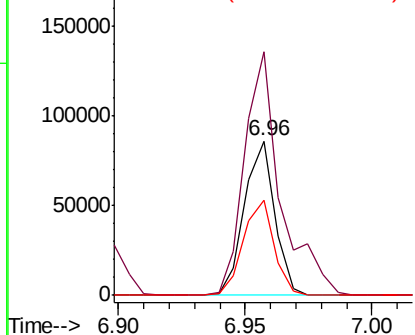


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

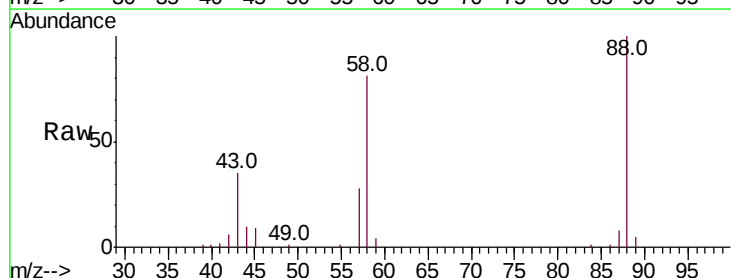
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 41.883 ng
RT: 2.89 min Scan# 137
Delta R.T. 0.09 min
Lab File: BF110373.D
Acq: 1 Nov 2018 17:50

Tgt Ion	Ratio	Lower	Upper
88	100		
58	81.0	57.1	85.7
43	32.7	24.1	36.1

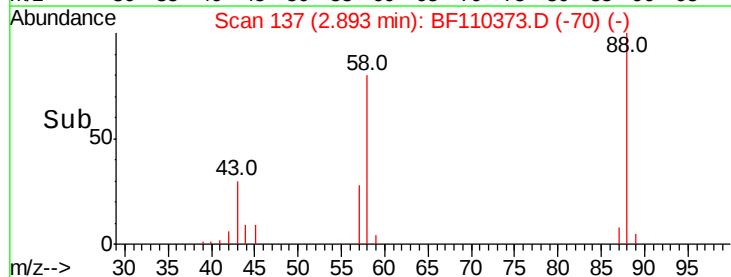
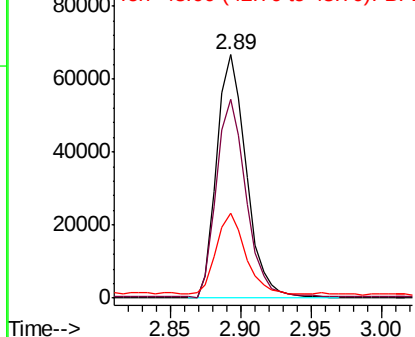


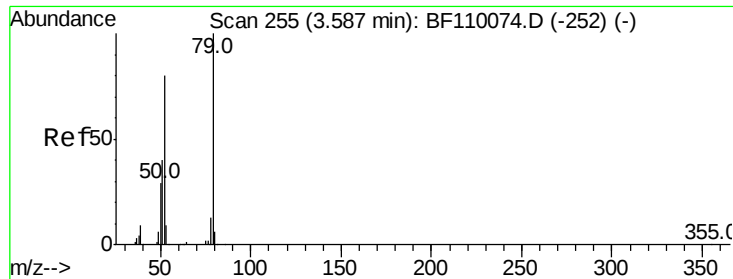
Abundance

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: 40.307 ng

RT: 3.66 min Scan# 267

Delta R.T. 0.08 min

Lab File: BF110373.D

Acq: 1 Nov 2018 17:50

Instrument :

BNA_F

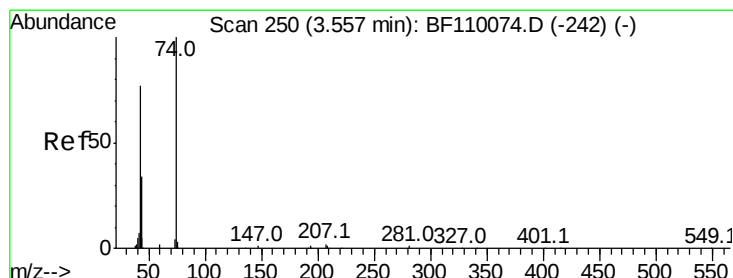
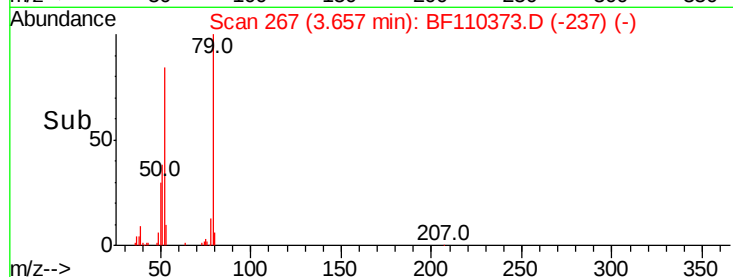
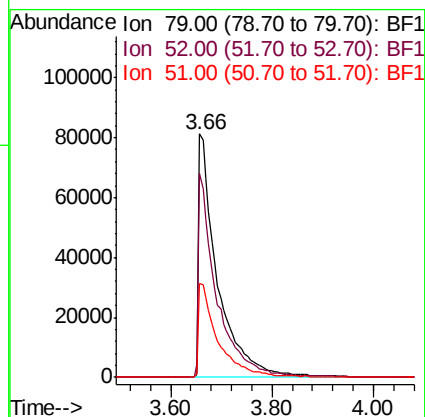
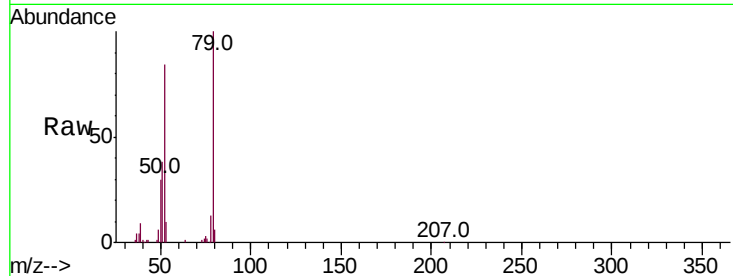
ClientSampled :

PB114382BS

Tot Ion:	79	Resp:	208997
Ion Ratio	Lower	Upper	
79	100		
52	84.0	53.1	79.7#
51	38.3	27.4	41.2

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#4

n-Nitrosodimethylamine

Concen: 45.167 ng

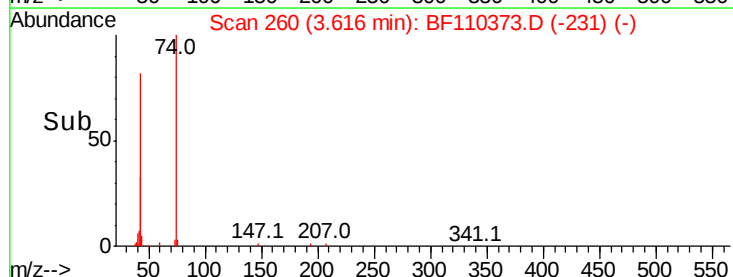
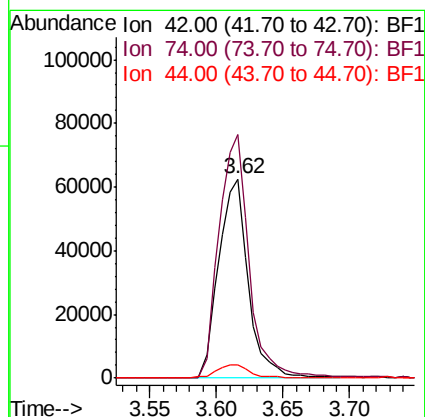
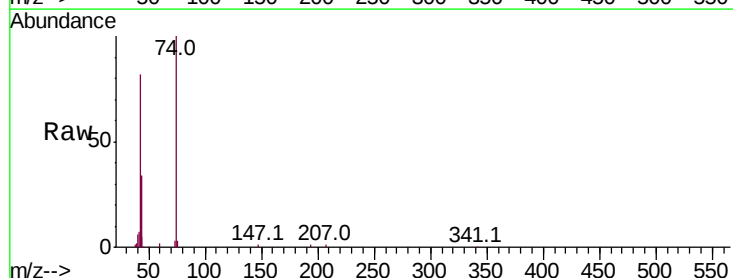
RT: 3.62 min Scan# 260

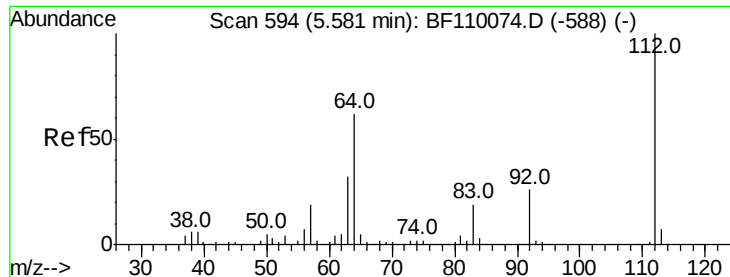
Delta R.T. 0.07 min

Lab File: BF110373.D

Acq: 1 Nov 2018 17:50

Tgt Ion:	42	Resp:	98119
Ion Ratio	Lower	Upper	
42	100		
74	122.3	105.5	158.3
44	6.7	4.9	7.3





#5

2-Fluorophenol

Concen: 149.249 ng

RT: 5.59 min Scan# 596

Delta R.T. 0.02 min

Lab File: BF110373.D

Acq: 1 Nov 2018 17:50

Instrument :

BNA_F

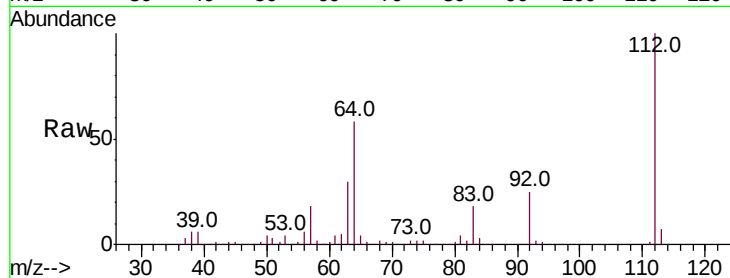
ClientSampled :

PB114382BS

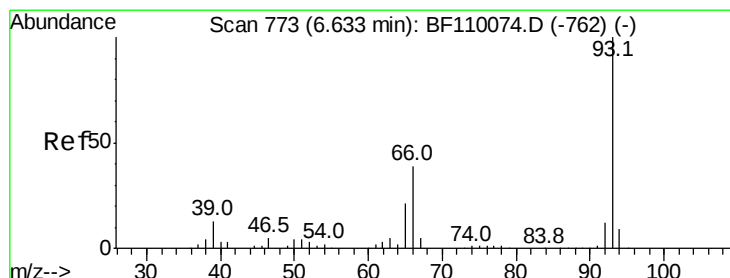
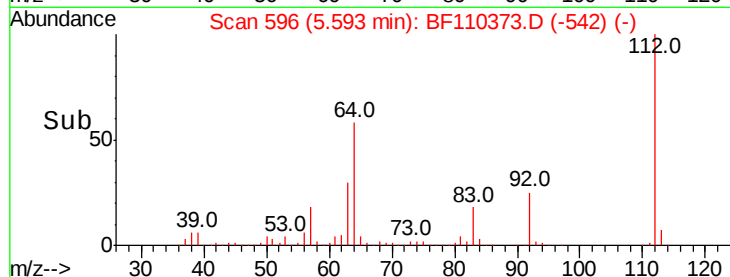
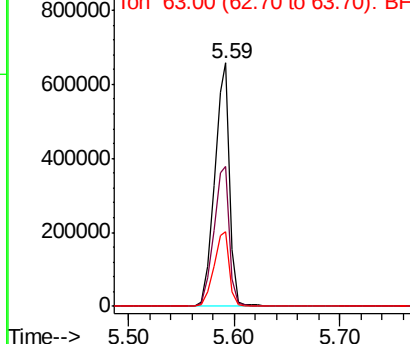
Tot Ion:	112	Resp:	663156
Ion Ratio	Lower	Upper	
112	100		
64	57.7	44.1	66.1
63	30.5	23.7	35.5

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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: 33.460 ng

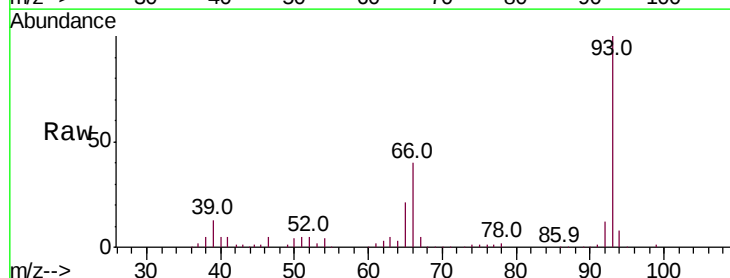
RT: 6.62 min Scan# 771

Delta R.T. 0.00 min

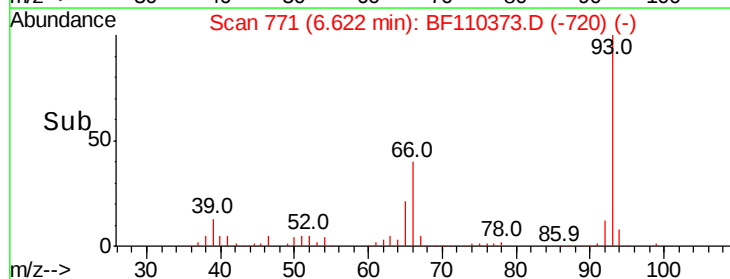
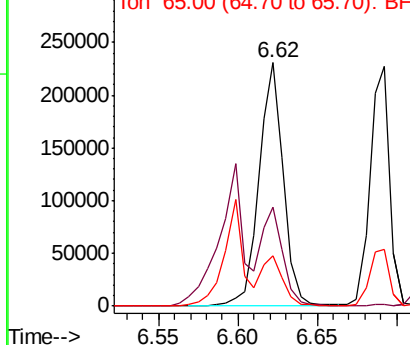
Lab File: BF110373.D

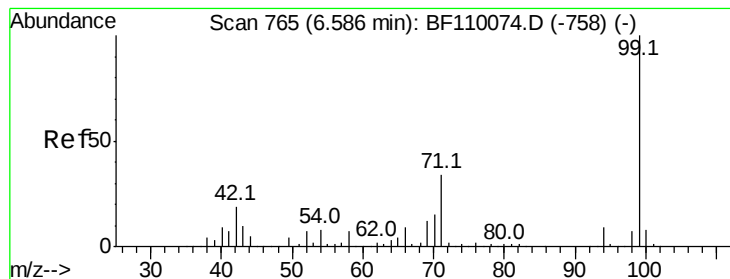
Acq: 1 Nov 2018 17:50

Tgt Ion:	93	Resp:	247722
Ion Ratio	Lower	Upper	
93	100		
66	40.5	67.4	101.0#
65	20.9	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: 145.959 ng

RT: 6.59 min Scan# 765

Delta R.T. 0.01 min

Lab File: BF110373.D

Acq: 1 Nov 2018 17:50

Instrument :

BNA_F

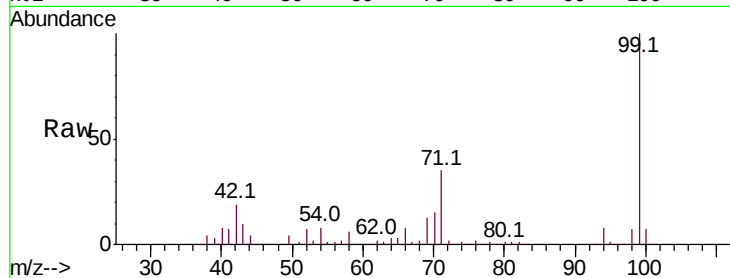
ClientSampleId :

PB114382BS

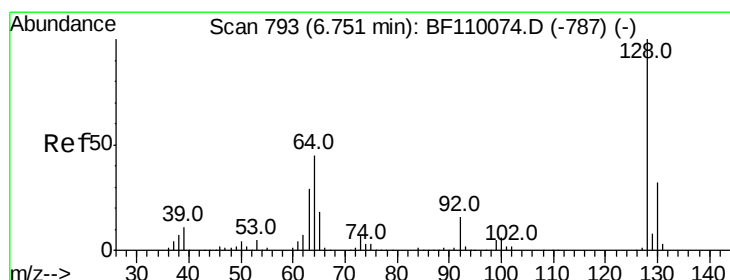
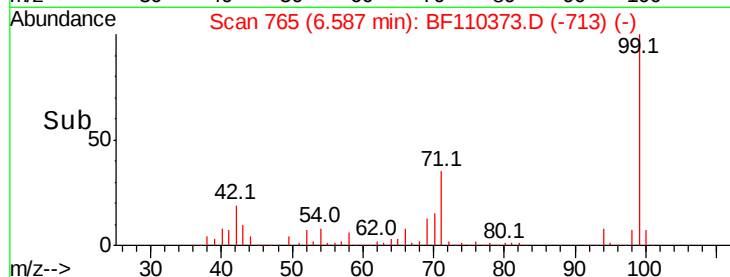
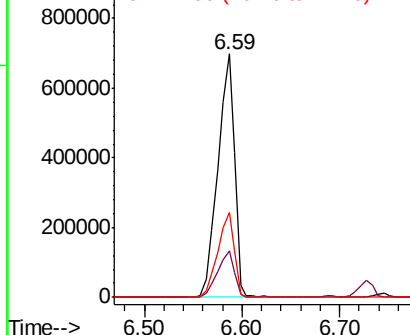
Tot Ion:	99	Resp:	829531
Ion Ratio	Lower	Upper	
99	100		
42	19.1	15.8	23.6
71	34.7	28.0	42.0

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



#8

2-Chlorophenol

Concen: 41.921 ng

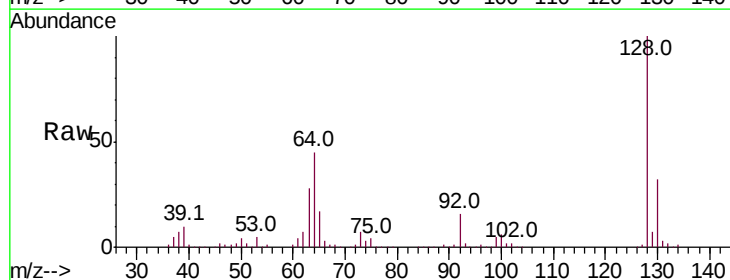
RT: 6.75 min Scan# 792

Delta R.T. 0.00 min

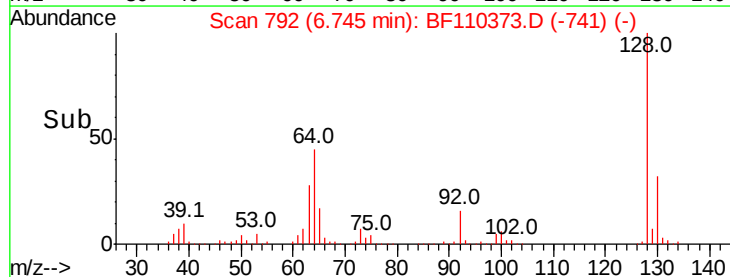
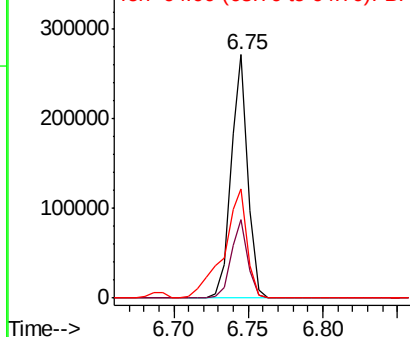
Lab File: BF110373.D

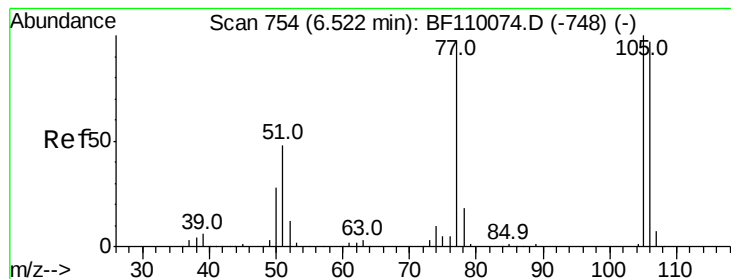
Acq: 1 Nov 2018 17:50

Tgt Ion:	128	Resp:	214751
Ion Ratio	Lower	Upper	
128	100		
130	32.3	13.1	53.1
64	44.8	26.0	66.0



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





#9

Benzaldehyde

Concen: 51.451 ng

RT: 6.51 min Scan# 752

Delta R.T. 0.00 min

Lab File: BF110373.D

Acq: 1 Nov 2018 17:50

Instrument :

BNA_F

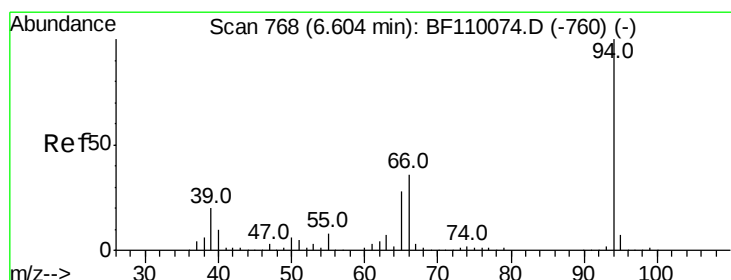
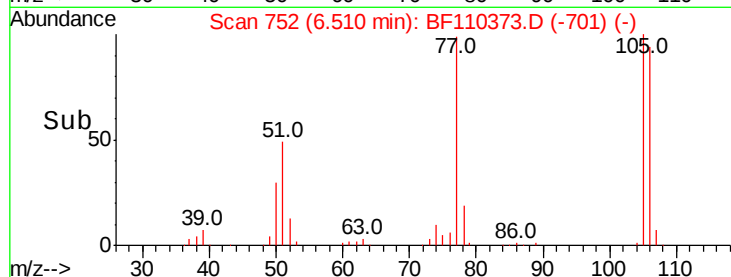
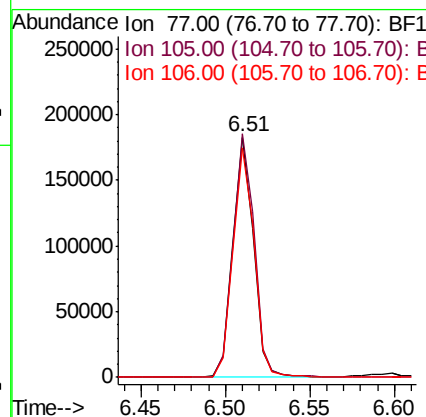
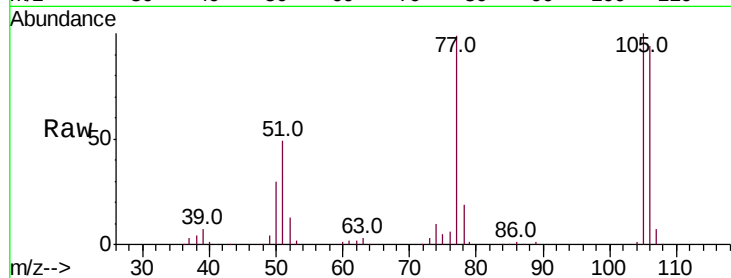
ClientSampleID :

PB114382BS

Tot Ion:	77	Resp:	156092
Ion Ratio	Lower	Upper	
77	100		
105	101.5	78.6	118.6
106	95.6	74.8	114.8

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#10

Phenol

Concen: 43.213 ng

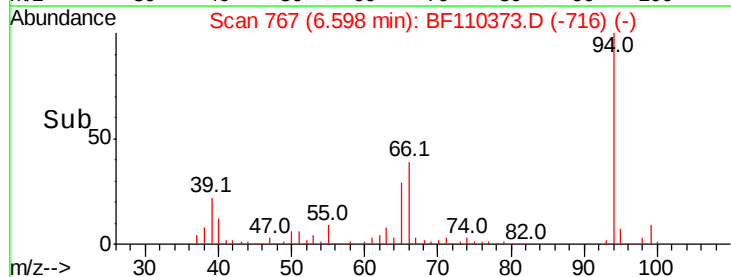
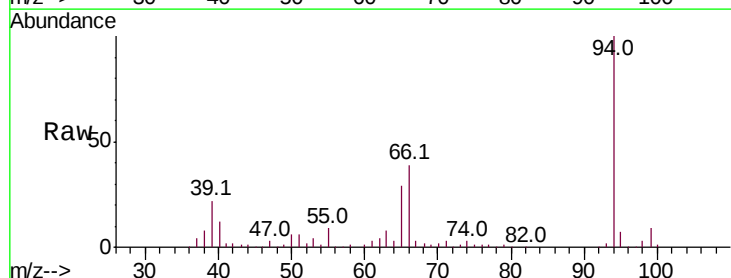
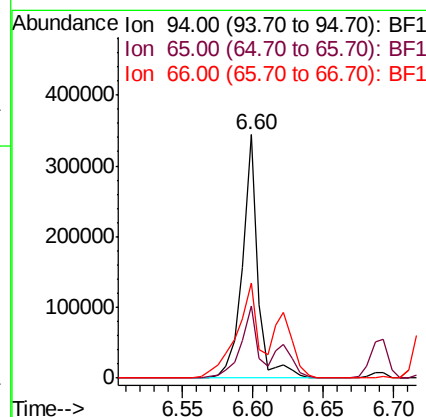
RT: 6.60 min Scan# 767

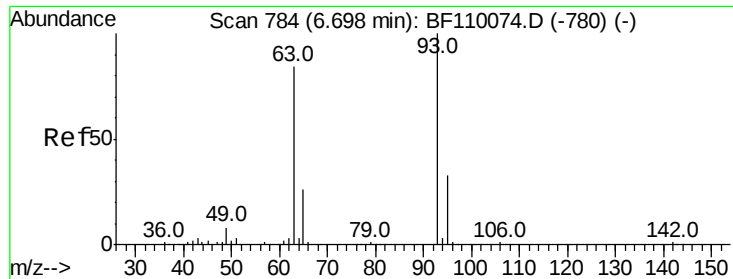
Delta R.T. 0.00 min

Lab File: BF110373.D

Acq: 1 Nov 2018 17:50

Tgt Ion:	94	Resp:	262524
Ion Ratio	Lower	Upper	
94	100		
65	29.5	25.3	65.3
66	39.2	54.5	94.5#





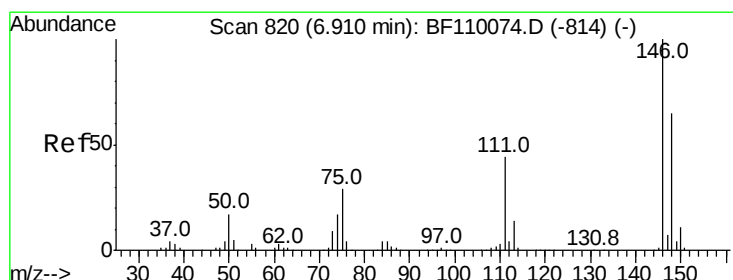
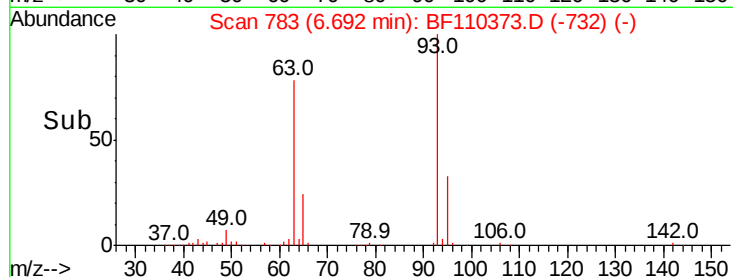
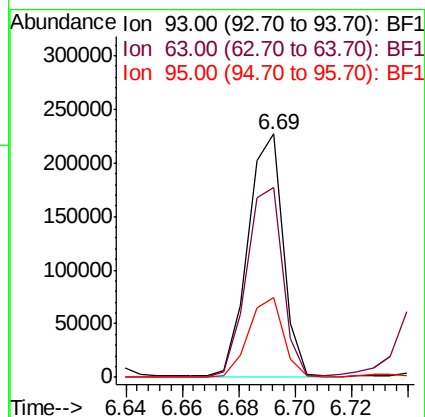
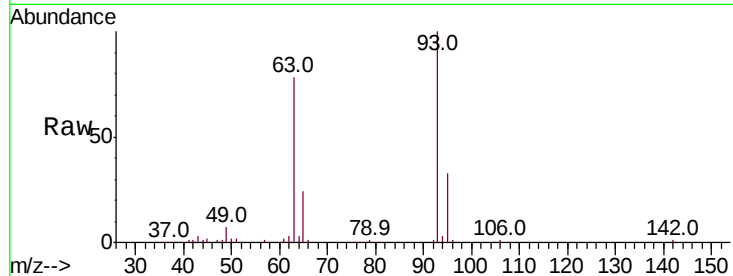
#11
bis(2-Chloroethyl)ether
Concen: 38.990 ng
RT: 6.69 min Scan# 783
Delta R.T. 0.00 min
Lab File: BF110373.D
Acq: 1 Nov 2018 17:50

Instrument :
BNA_F
ClientSampleId :
PB114382BS

Tot Ion	Ratio	Resp	Lower	Upper
93	100	194873		
63	78.0	53.4	93.4	
95	32.9	12.1	52.1	

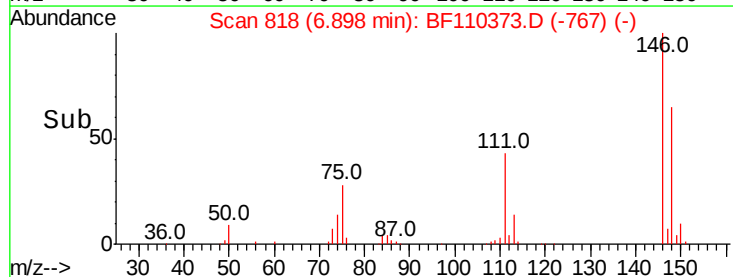
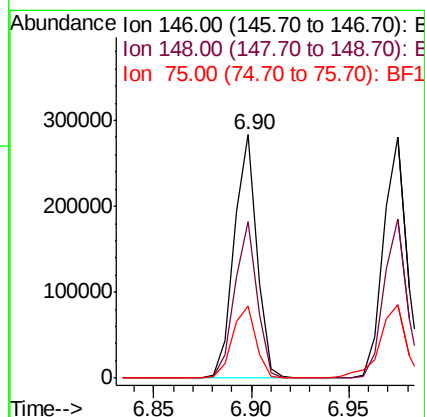
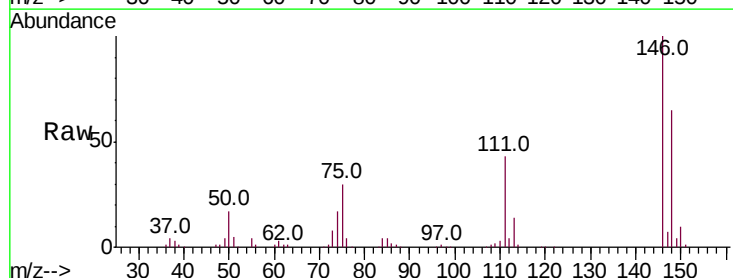
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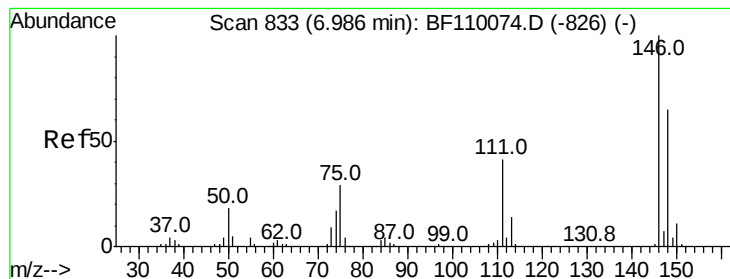
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11/2/2018 2:48:44 PM



#12
1,3-Dichlorobenzene
Concen: 40.509 ng
RT: 6.90 min Scan# 818
Delta R.T. 0.00 min
Lab File: BF110373.D
Acq: 1 Nov 2018 17:50

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	228370		
148	64.5	50.4	75.6	
75	29.6	25.8	38.6	





#13

1,4-Dichlorobenzene

Concen: 40.550 ng

RT: 6.97 min Scan# 831

Delta R.T. 0.00 min

Lab File: BF110373.D

Acq: 1 Nov 2018 17:50

Instrument :

BNA_F

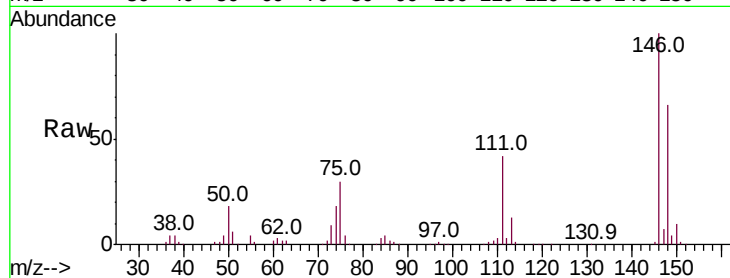
ClientSampled :

PB114382BS

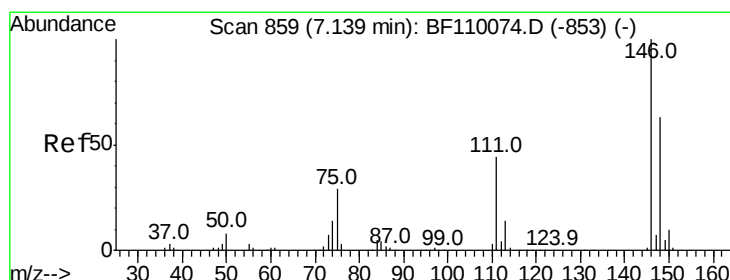
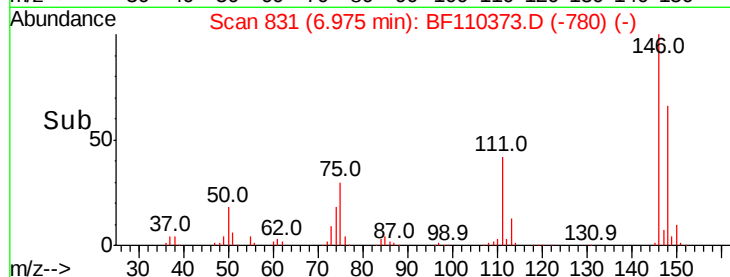
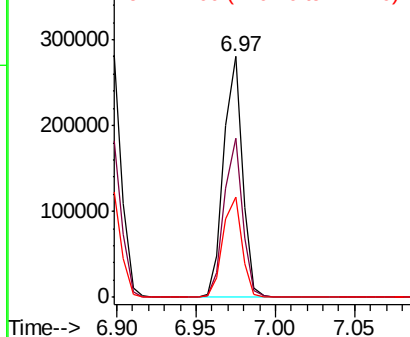
Tot Ion:	146	Resp:	231202
Ion Ratio	Lower	Upper	
146	100		
148	65.9	50.3	75.5
111	41.7	32.7	49.1

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Abundance Ion 146.00 (145.70 to 146.70): E
Ion 148.00 (147.70 to 148.70): E
Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 41.231 ng

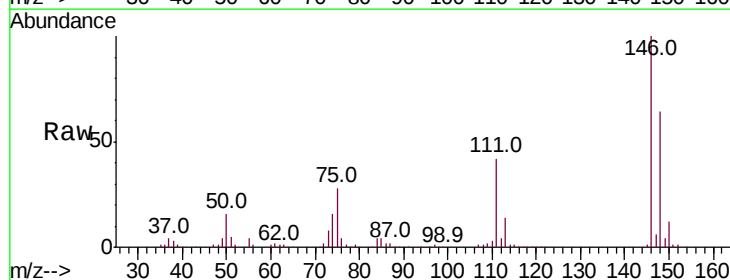
RT: 7.13 min Scan# 857

Delta R.T. 0.00 min

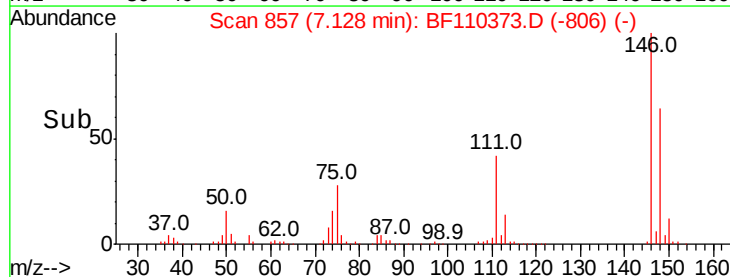
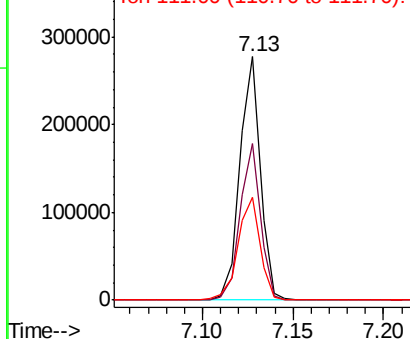
Lab File: BF110373.D

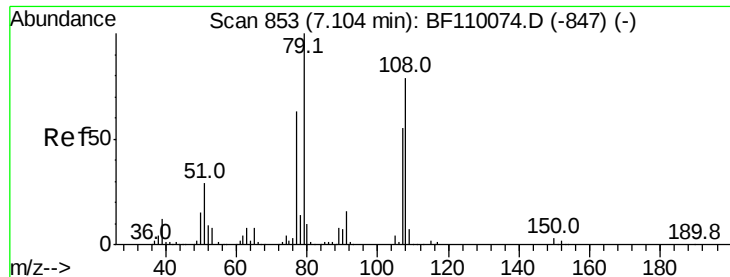
Acq: 1 Nov 2018 17:50

Tgt Ion:	146	Resp:	218231
Ion Ratio	Lower	Upper	
146	100		
148	64.1	51.1	76.7
111	42.2	35.8	53.6



Abundance Ion 146.00 (145.70 to 146.70): E
Ion 148.00 (147.70 to 148.70): E
Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 42.618 ng

RT: 7.09 min Scan# 851

Delta R.T. -0.01 min

Lab File: BF110373.D

Acq: 1 Nov 2018 17:50

Instrument :

BNA_F

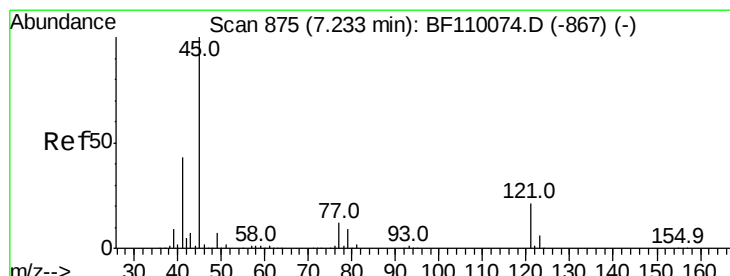
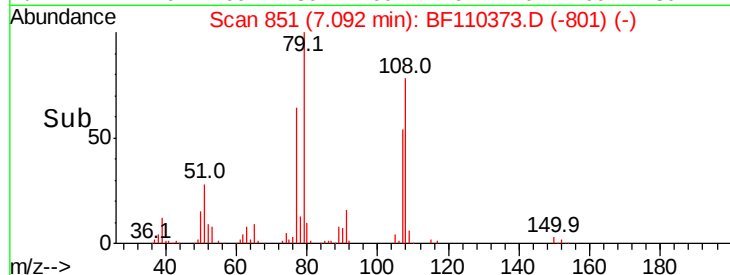
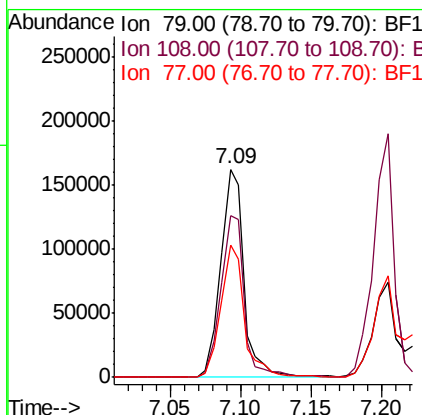
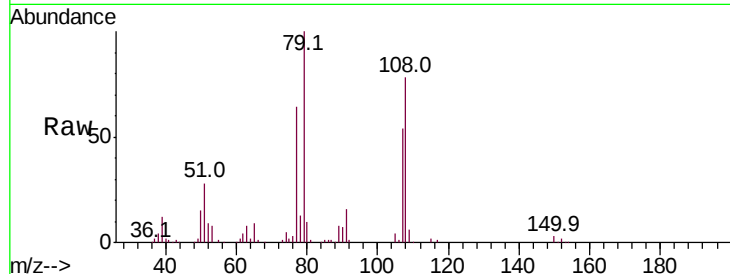
ClientSampleId :

PB114382BS

Tot Ion:	79	Resp:	186291
Ion Ratio	Lower	Upper	
79	100		
108	78.1	56.3	84.5
77	63.8	52.9	79.3

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#16

2,2'-oxybis(1-chloropropane)

Concen: 39.356 ng

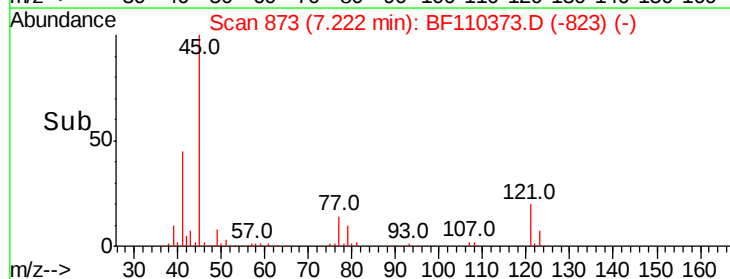
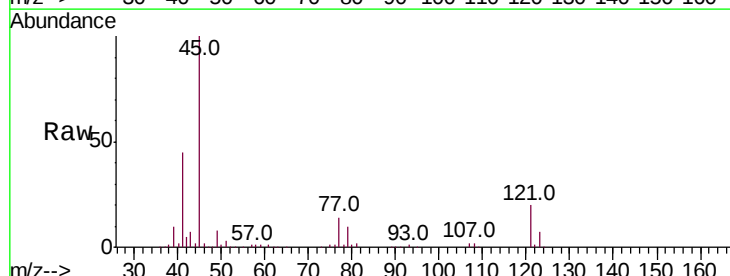
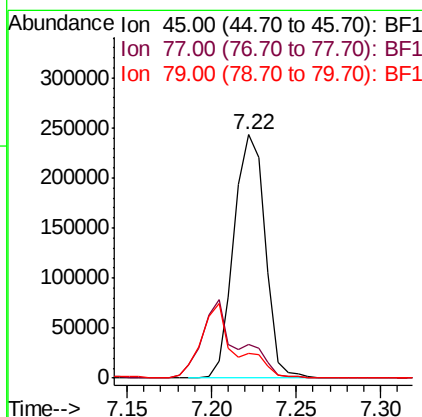
RT: 7.22 min Scan# 873

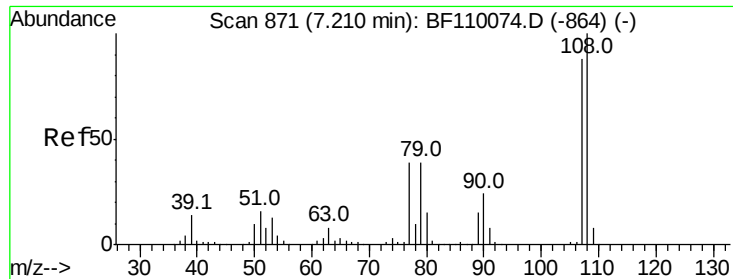
Delta R.T. -0.01 min

Lab File: BF110373.D

Acq: 1 Nov 2018 17:50

Tgt Ion:	45	Resp:	314505
Ion Ratio	Lower	Upper	
45	100		
77	13.6	10.0	50.0
79	9.9	6.1	46.1





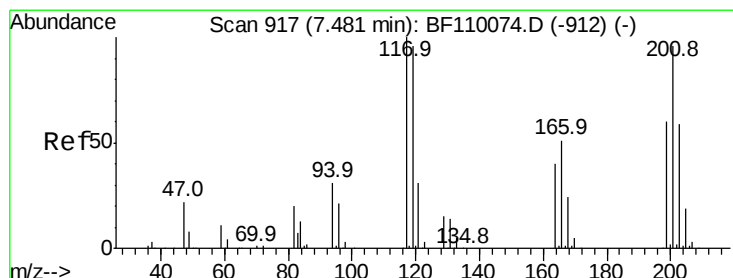
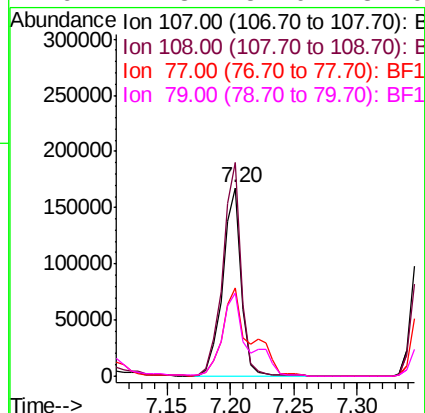
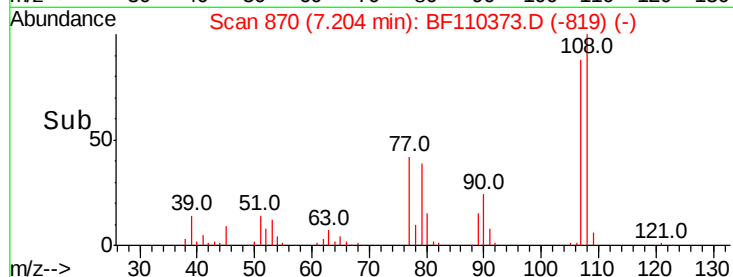
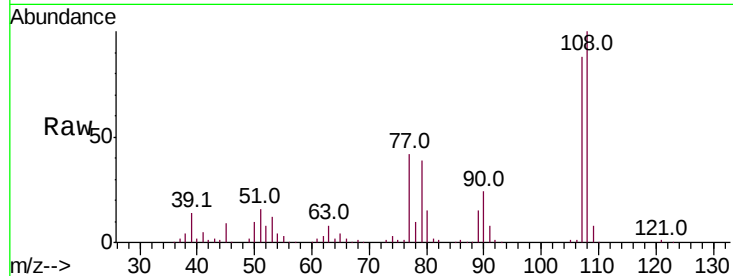
#17
2-Methylphenol
Concen: 41.984 ng
RT: 7.20 min Scan# 870
Delta R.T. 0.00 min
Lab File: BF110373.D
Acq: 1 Nov 2018 17:50

Instrument :
BNA_F
ClientSampleId :
PB114382BS

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	113.3	92.6	138.8	
77	47.1	59.4	89.2#	
79	44.3	54.0	81.0#	

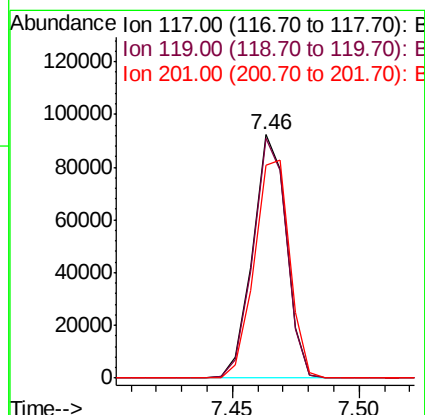
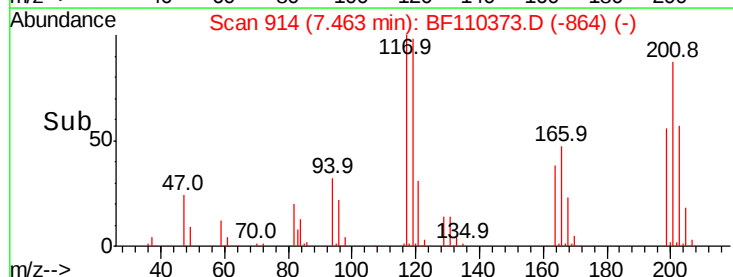
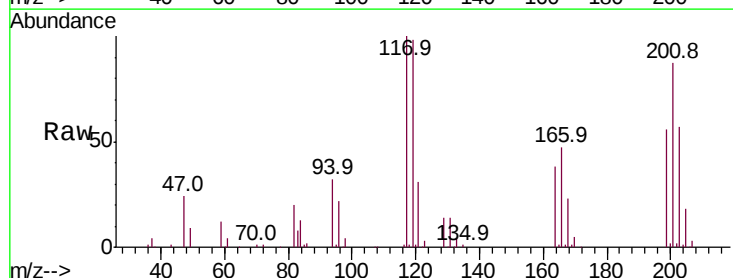
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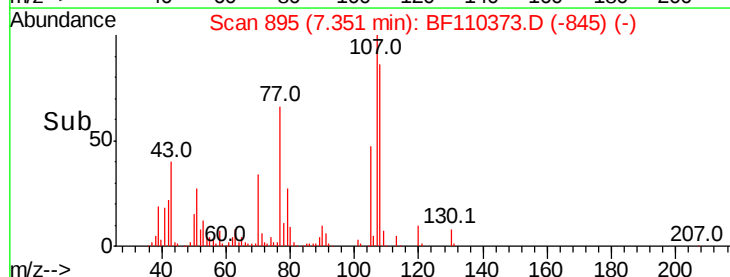
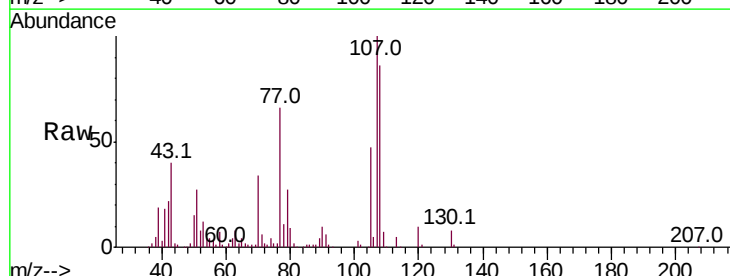
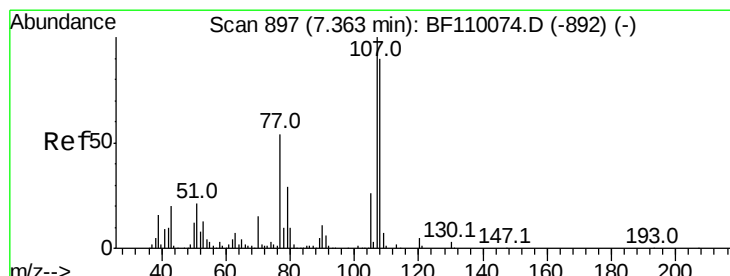
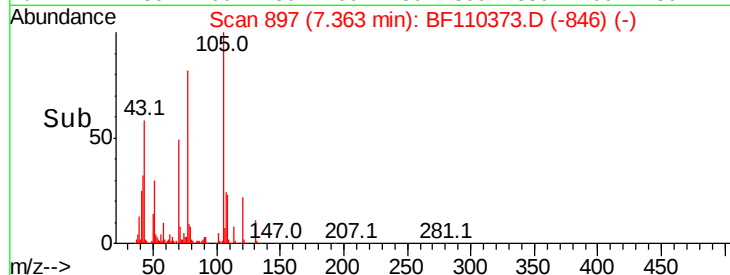
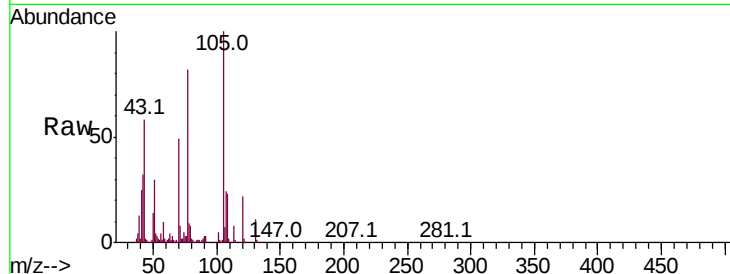
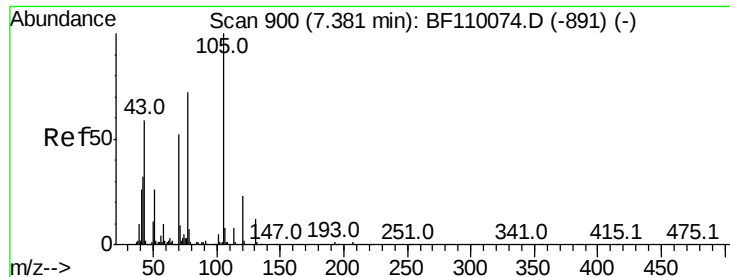
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11/2/2018 2:48:44 PM



#18
Hexachloroethane
Concen: 41.005 ng
RT: 7.46 min Scan# 914
Delta R.T. -0.01 min
Lab File: BF110373.D
Acq: 1 Nov 2018 17:50

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	98.4	75.0	112.6	
201	87.3	79.2	118.8	





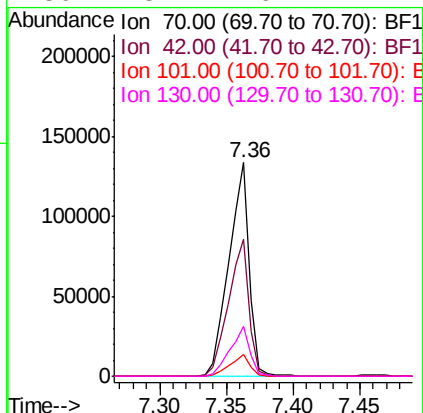
#19
n-Nitroso-di-n-propylamine
Concen: 39.561 ng
RT: 7.36 min Scan# 897
Delta R.T. 0.00 min
Lab File: BF110373.D
Acq: 1 Nov 2018 17:50

Instrument :
BNA_F
ClientSampleId :
PB114382BS

Tot Ion	Ratio	Lower	Upper
70	100		
42	64.2	47.4	71.2
101	10.2	7.3	10.9
130	23.4	16.2	24.2

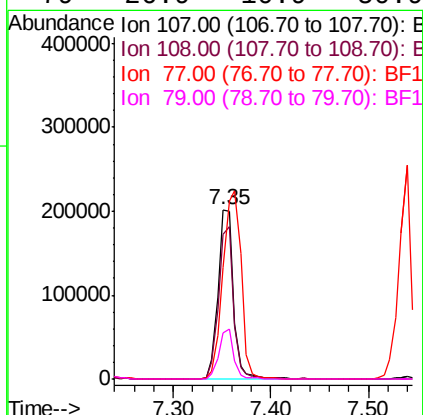
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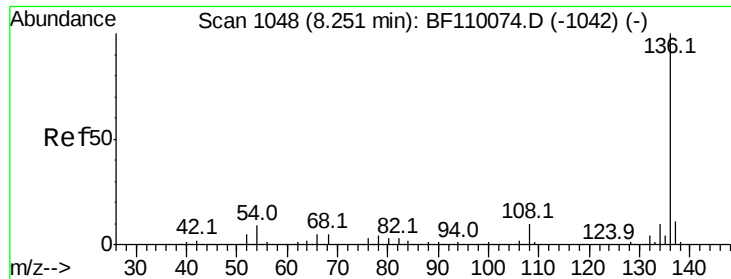
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#20
3+4-Methylphenols
Concen: 42.260 ng
RT: 7.35 min Scan# 895
Delta R.T. -0.01 min
Lab File: BF110373.D
Acq: 1 Nov 2018 17:50

Tgt Ion	Ratio	Lower	Upper
107	100		
108	85.5	71.4	111.4
77	65.6	47.3	87.3
79	26.9	10.9	50.9





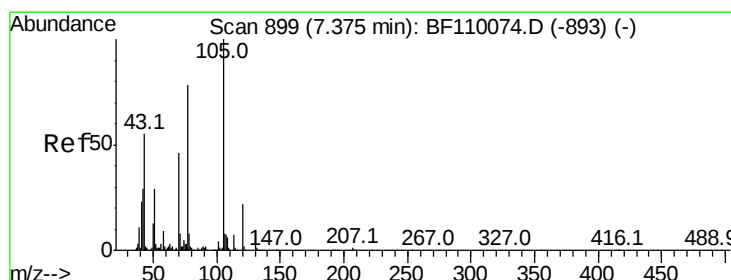
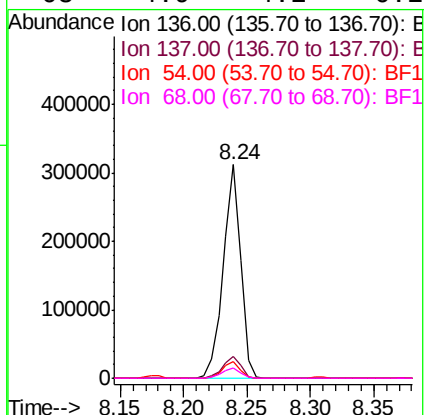
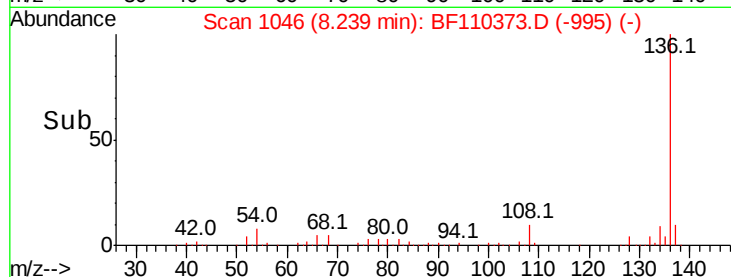
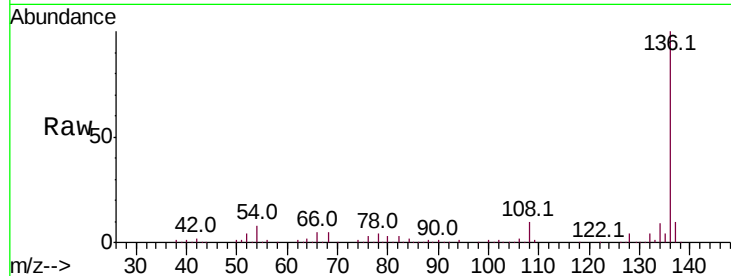
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.24 min Scan# 1046
Delta R.T. 0.00 min
Lab File: BF110373.D
Acq: 1 Nov 2018 17:50

Instrument :
BNA_F
ClientSampleId :
PB114382BS

Tot Ion	Ratio	Resp	Lower	Upper
136	100	299421		
137	10.3		8.8	13.2
54	7.8		5.4	8.2
68	4.9		4.2	6.2

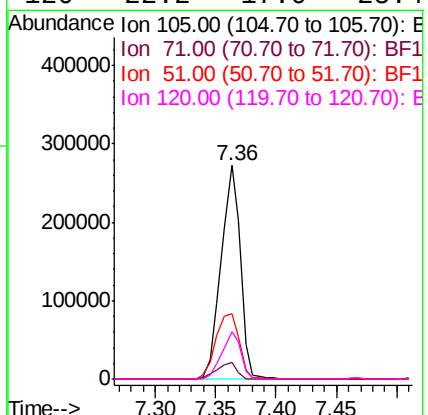
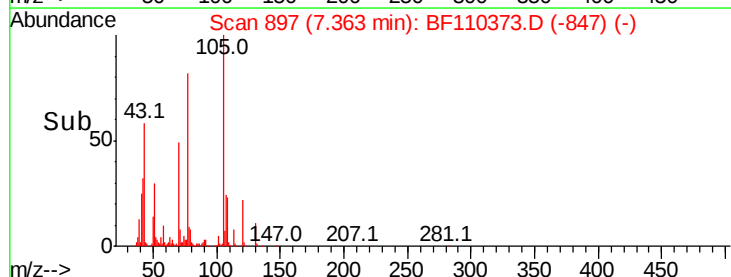
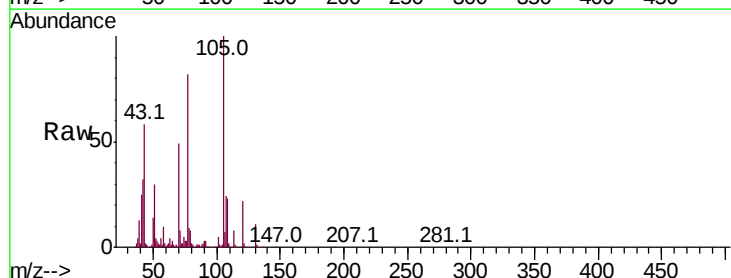
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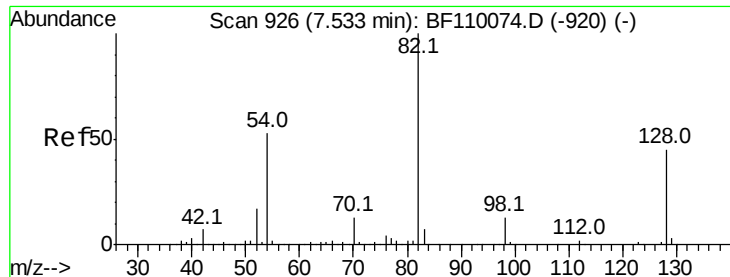
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#22
Acetophenone
Concen: 43.321 ng
RT: 7.36 min Scan# 897
Delta R.T. -0.01 min
Lab File: BF110373.D
Acq: 1 Nov 2018 17:50

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	298885		
71	8.1		5.2	7.8#
51	30.4		21.8	32.8
120	22.2		17.0	25.4





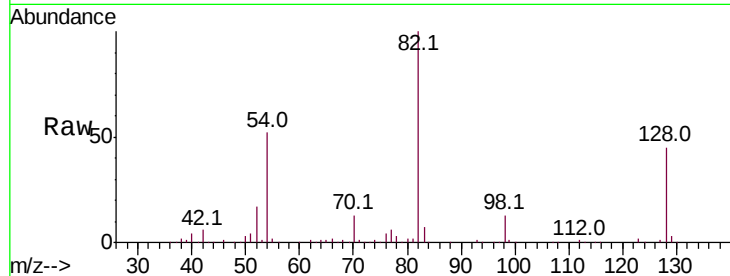
#23
Nitrobenzene-d5
Concen: 81.942 ng
RT: 7.52 min Scan# 924
Delta R.T. 0.00 min
Lab File: BF110373.D
Acq: 1 Nov 2018 17:50

Instrument :
BNA_F
ClientSampled :
PB114382BS

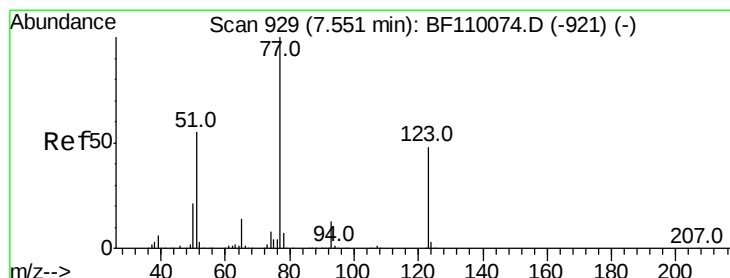
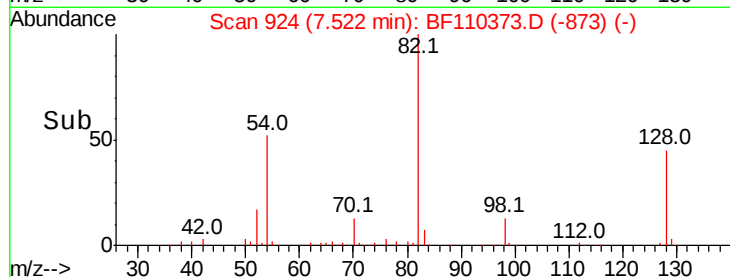
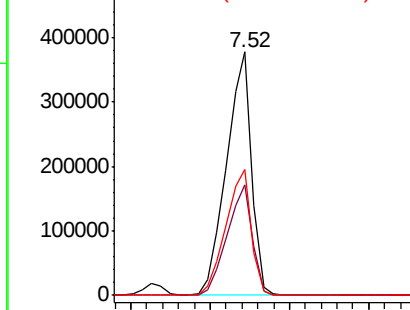
Tot Ion	Ratio	Resp	Lower	Upper
82	100			
128	45.3	34.2	51.2	
54	51.9	38.6	58.0	

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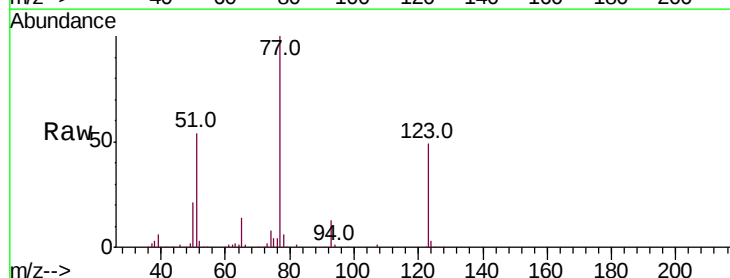


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

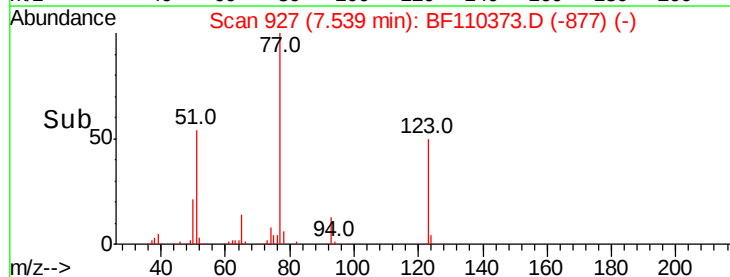
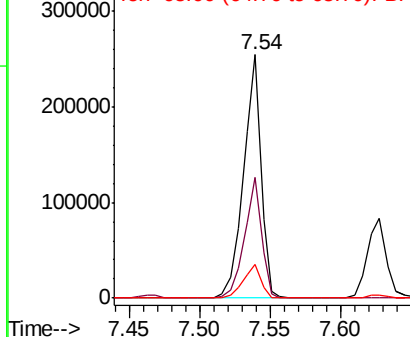


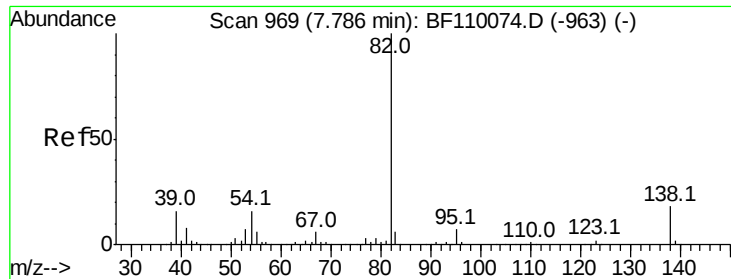
#24
Nitrobenzene
Concen: 42.350 ng
RT: 7.54 min Scan# 927
Delta R.T. -0.01 min
Lab File: BF110373.D
Acq: 1 Nov 2018 17:50

Tgt Ion	Ratio	Resp	Lower	Upper
77	100			
123	49.5	35.7	53.5	
65	13.6	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: 45.914 ng

RT: 7.77 min Scan# 967

Delta R.T. 0.00 min

Lab File: BF110373.D

Acq: 1 Nov 2018 17:50

Instrument :

BNA_F

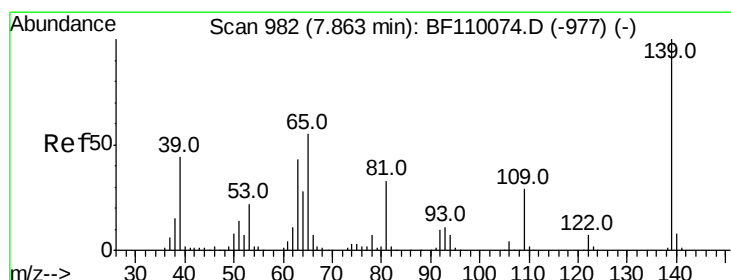
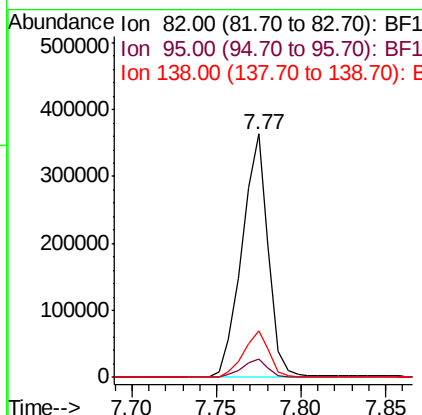
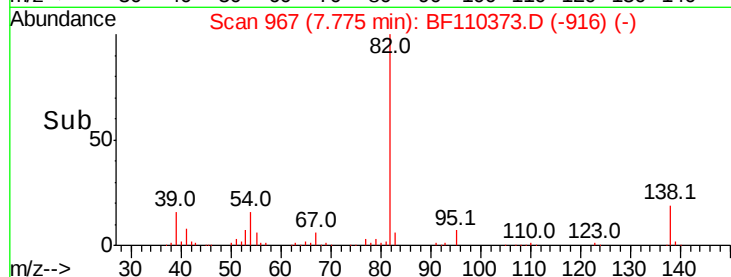
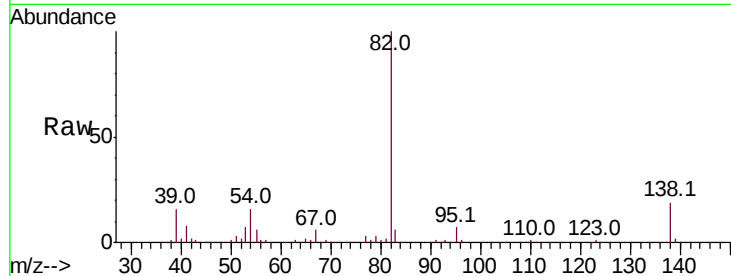
ClientSampleId :

PB114382BS

Tot Ion:	82	Resp:	395096
Ion Ratio	Lower	Upper	
82	100		
95	7.3	5.7	8.5
138	19.1	13.2	19.8

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#26

2-Nitrophenol

Concen: 44.861 ng

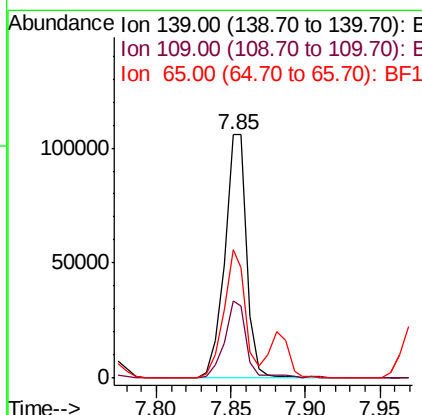
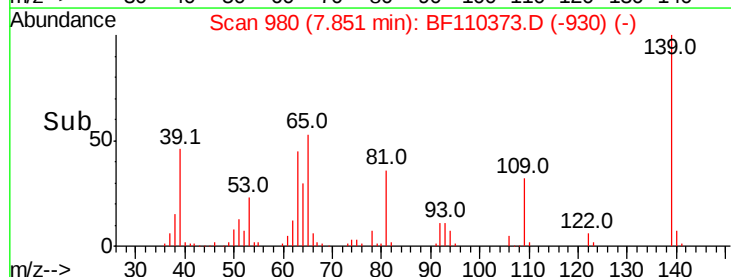
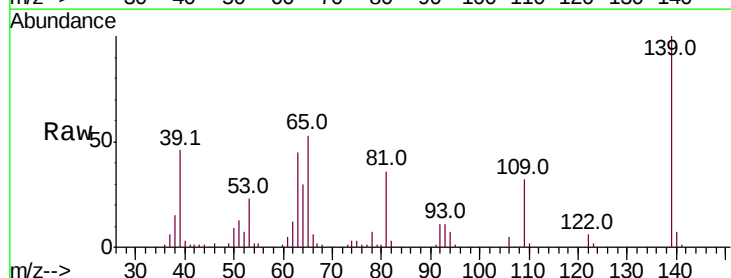
RT: 7.85 min Scan# 980

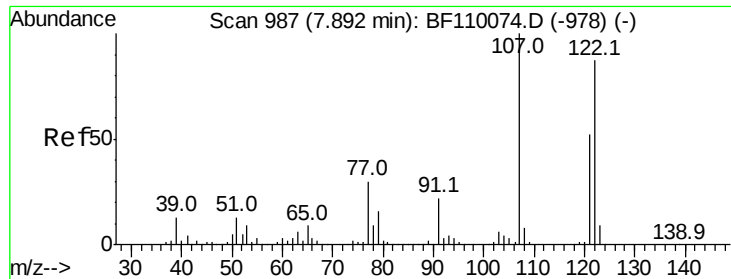
Delta R.T. -0.01 min

Lab File: BF110373.D

Acq: 1 Nov 2018 17:50

Tgt Ion:	139	Resp:	111262
Ion Ratio	Lower	Upper	
139	100		
109	31.6	25.0	37.6
65	52.9	44.0	66.0





#27

2,4-Dimethylphenol

Concen: 47.549 ng

RT: 7.88 min Scan# 985

Delta R.T. -0.01 min

Lab File: BF110373.D

Acq: 1 Nov 2018 17:50

Instrument :

BNA_F

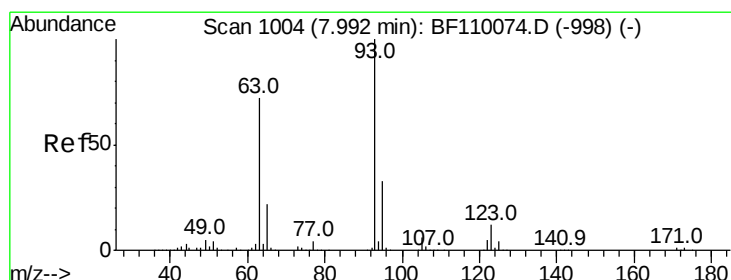
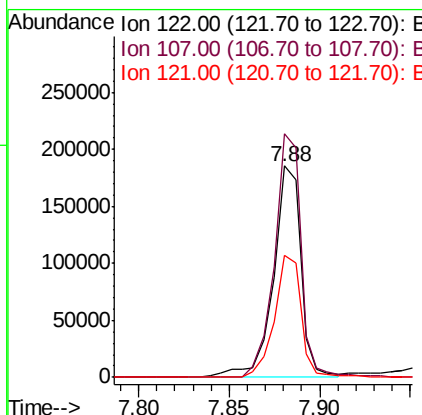
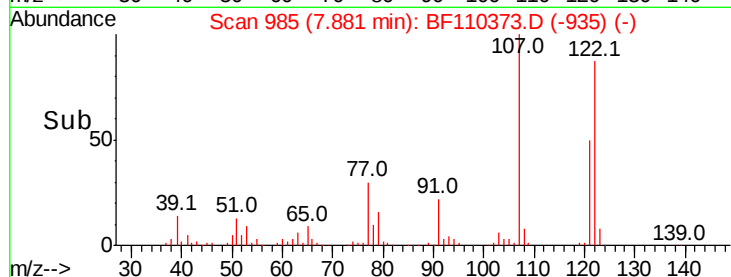
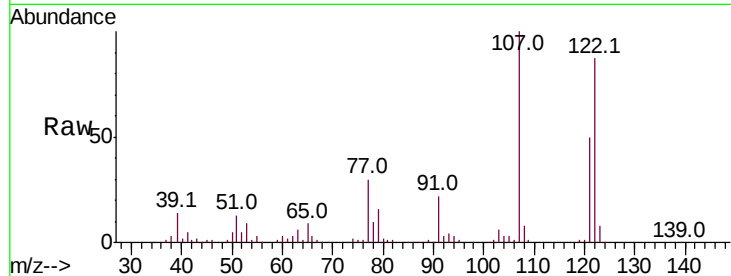
ClientSampleId :

PB114382BS

Tot Ion:	122	Resp:	195517
Ion Ratio	Lower	Upper	
122	100		
107	115.2	92.5	138.7
121	57.7	45.8	68.8

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#28

bis(2-Chloroethoxy)methane

Concen: 42.757 ng

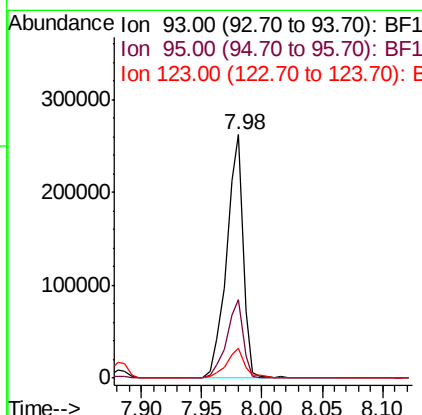
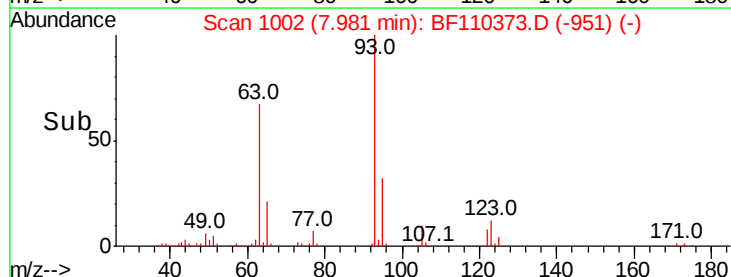
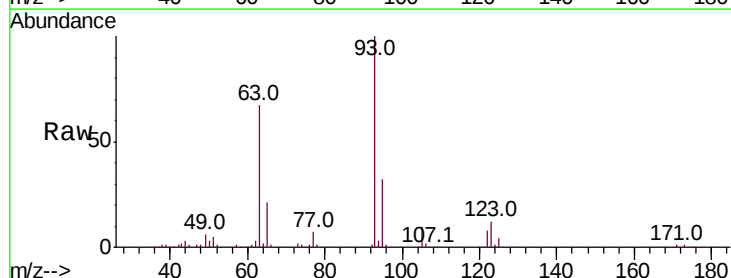
RT: 7.98 min Scan# 1002

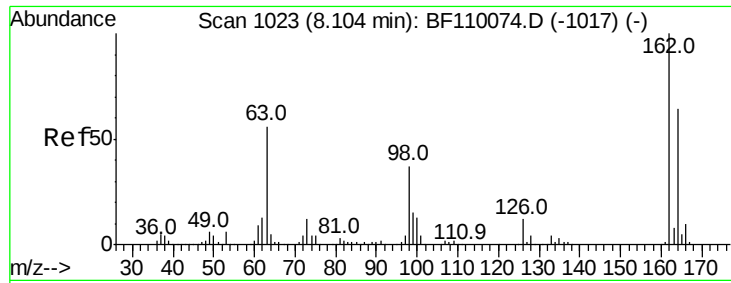
Delta R.T. 0.00 min

Lab File: BF110373.D

Acq: 1 Nov 2018 17:50

Tgt Ion:	93	Resp:	249947
Ion Ratio	Lower	Upper	
93	100		
95	32.0	26.4	39.6
123	12.4	9.0	13.6





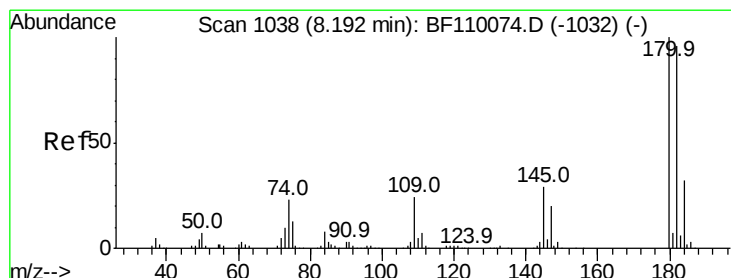
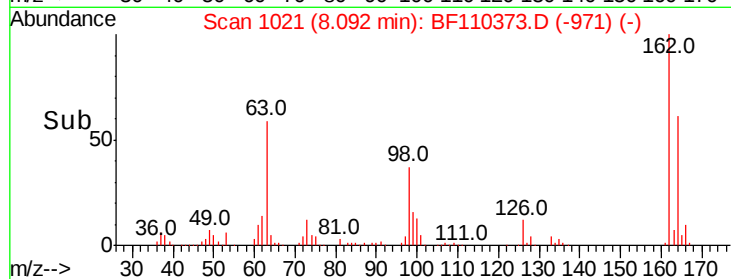
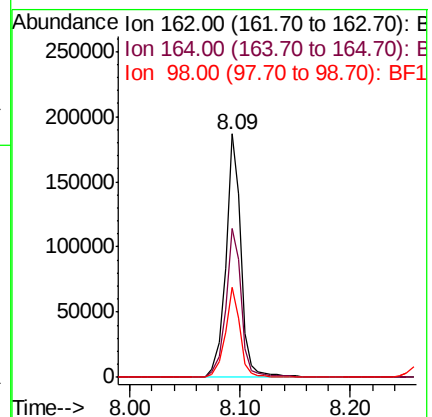
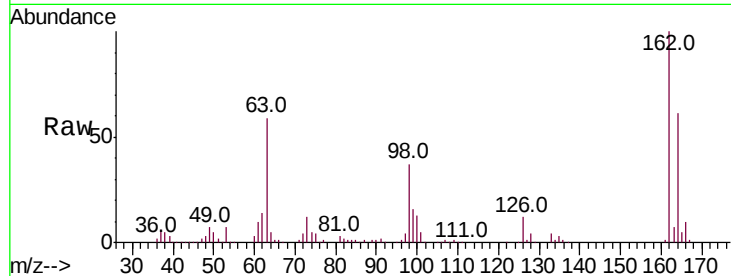
#29
2,4-Dichlorophenol
Concen: 42.997 ng
RT: 8.09 min Scan# 1021
Delta R.T. -0.01 min
Lab File: BF110373.D
Acq: 1 Nov 2018 17:50

Instrument :
BNA_F
ClientSampleID :
PB114382BS

Tot Ion	Ratio	Resp	Lower	Upper
162	100	178619		
164	61.4	44.6	84.6	
98	37.0	17.4	57.4	

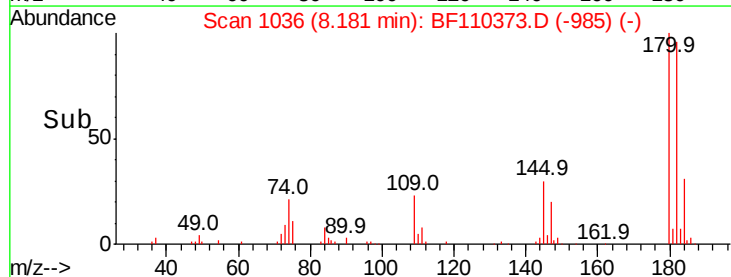
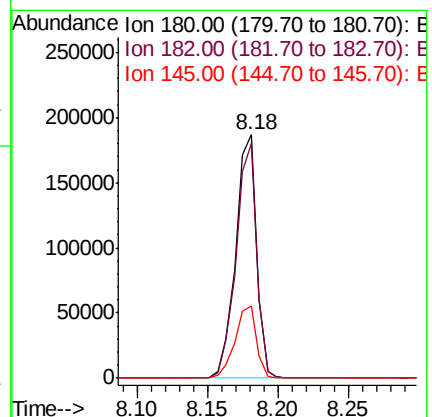
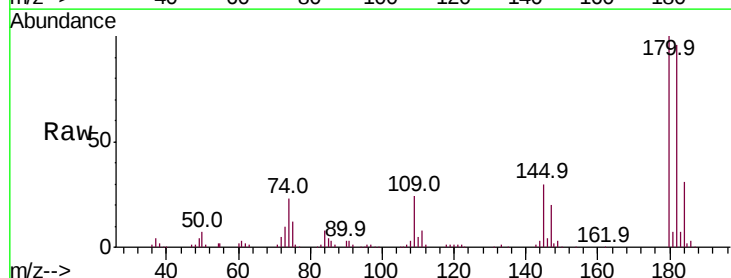
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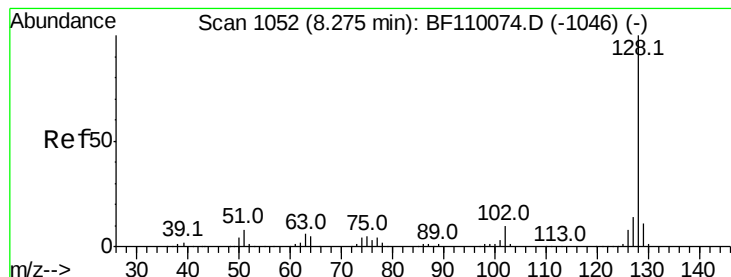
Sohil
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#30
1,2,4-Trichlorobenzene
Concen: 41.418 ng
RT: 8.18 min Scan# 1036
Delta R.T. 0.00 min
Lab File: BF110373.D
Acq: 1 Nov 2018 17:50

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	192728		
182	96.4	80.3	120.5	
145	29.8	25.4	38.0	





#31

Naphthalene

Concen: 44.828 ng

RT: 8.26 min Scan# 1050

Delta R.T. 0.00 min

Lab File: BF110373.D

Acq: 1 Nov 2018 17:50

Instrument :

BNA_F

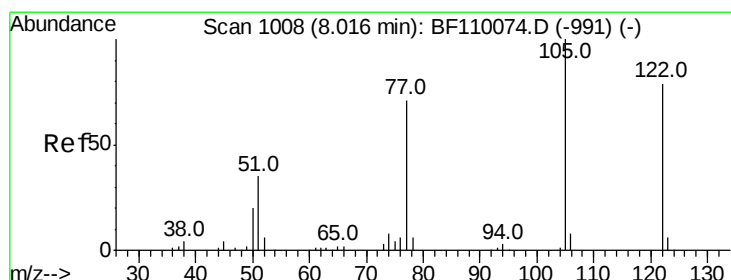
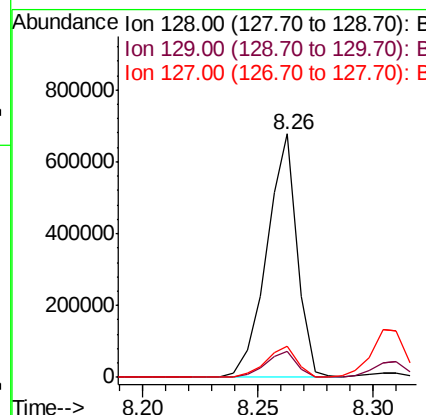
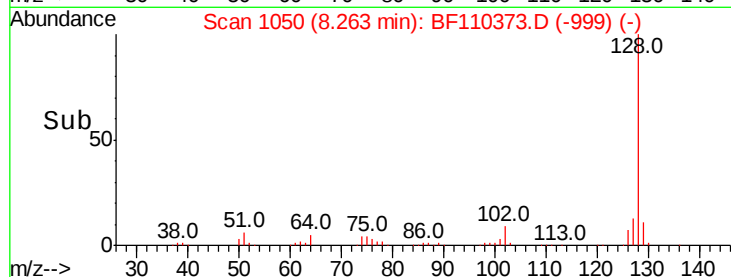
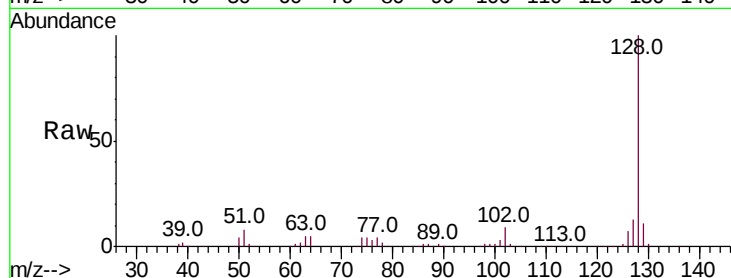
ClientSampleId :

PB114382BS

Tot Ion:	128	Resp:	618619
Ion Ratio	Lower	Upper	
128	100		
129	10.7	8.8	13.2
127	12.9	10.8	16.2

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#32

Benzoic acid

Concen: 25.392 ng

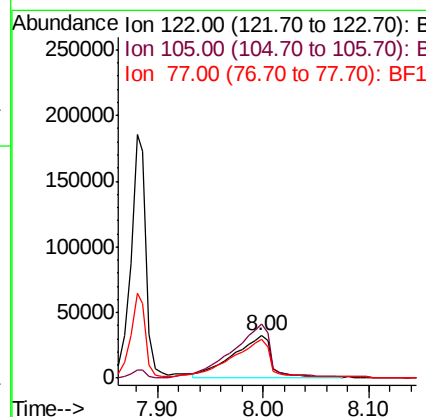
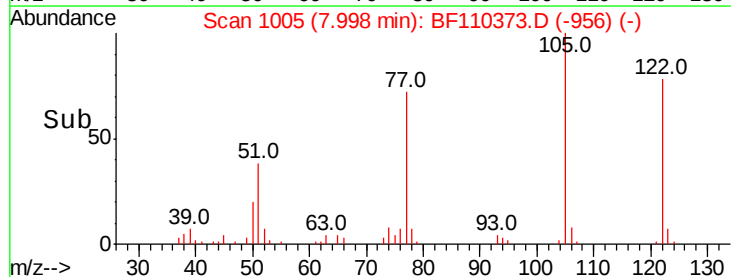
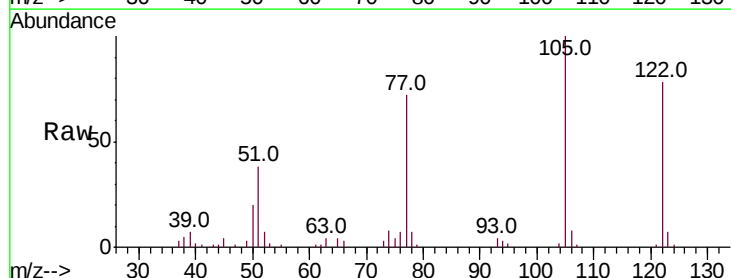
RT: 8.00 min Scan# 1005

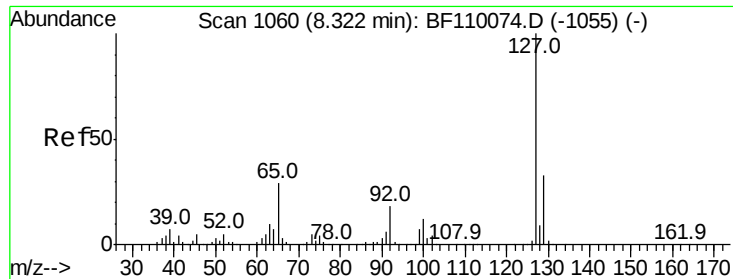
Delta R.T. -0.01 min

Lab File: BF110373.D

Acq: 1 Nov 2018 17:50

Tgt Ion:	122	Resp:	80697
Ion Ratio	Lower	Upper	
122	100		
105	127.4	109.0	149.0
77	92.2	79.0	119.0





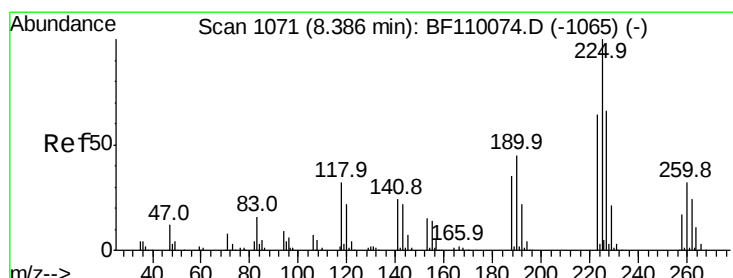
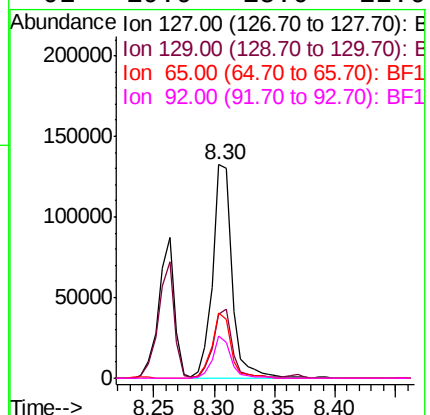
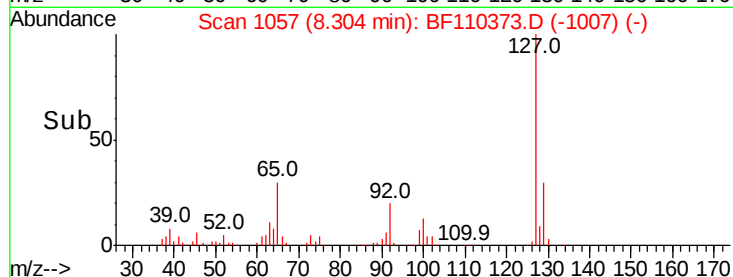
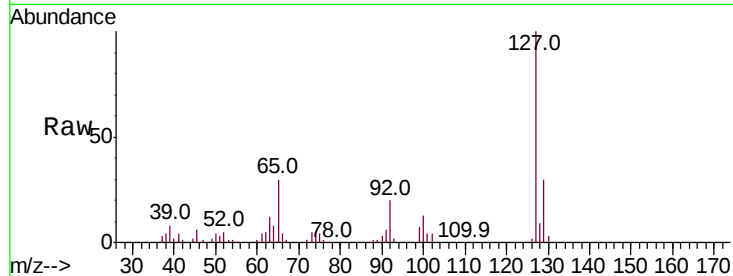
#33
4-Chloroaniline
Concen: 23.798 ng
RT: 8.30 min Scan# 1057
Delta R.T. -0.01 min
Lab File: BF110373.D
Acq: 1 Nov 2018 17:50

Instrument :
BNA_F
ClientSampleId :
PB114382BS

Tot Ion	Ratio	Resp	Lower	Upper
127	100			
129	30.3	26.0	39.0	
65	30.5	25.1	37.7	
92	19.9	15.0	22.6	

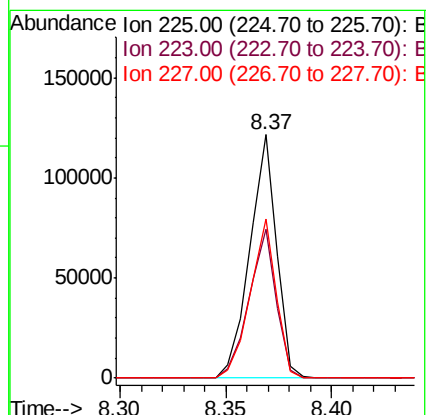
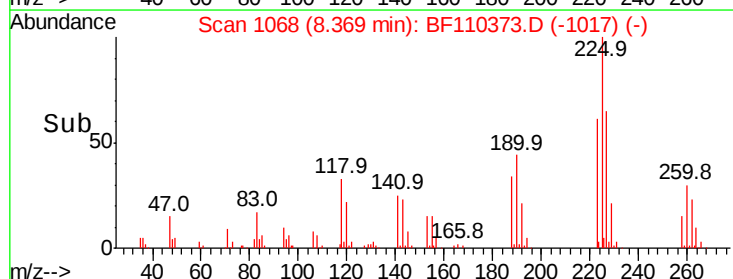
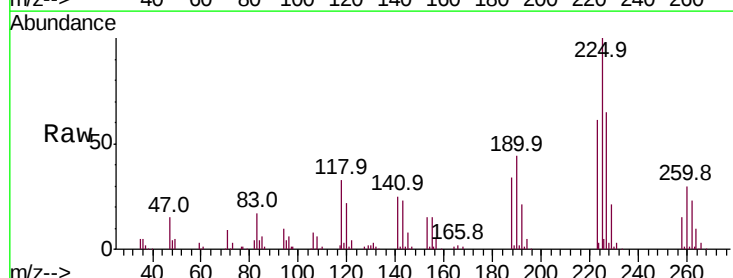
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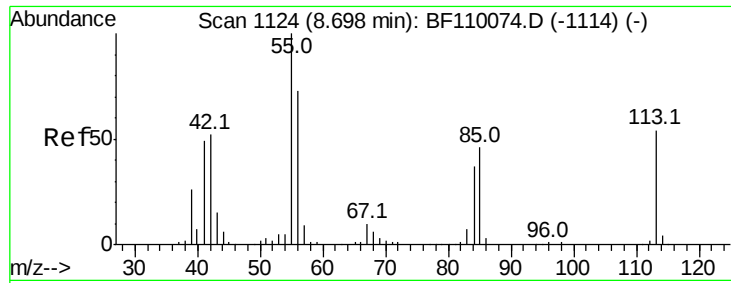
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#34
Hexachlorobutadiene
Concen: 41.467 ng
RT: 8.37 min Scan# 1068
Delta R.T. 0.00 min
Lab File: BF110373.D
Acq: 1 Nov 2018 17:50

Tgt Ion	Ratio	Resp	Lower	Upper
225	100			
223	61.2	51.4	77.2	
227	65.1	51.0	76.6	





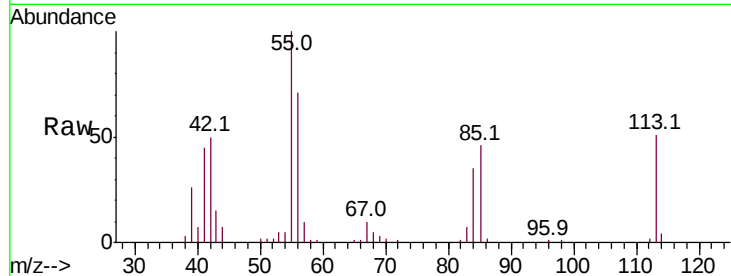
#35
 Caprolactam
 Concen: 41.235 ng/ml
 RT: 8.67 min Scan# 1120
 Delta R.T. -0.01 min
 Lab File: BF110373.D
 Acq: 1 Nov 2018 17:50

Instrument :
 BNA_F
 ClientSampleID :
 PB114382BS

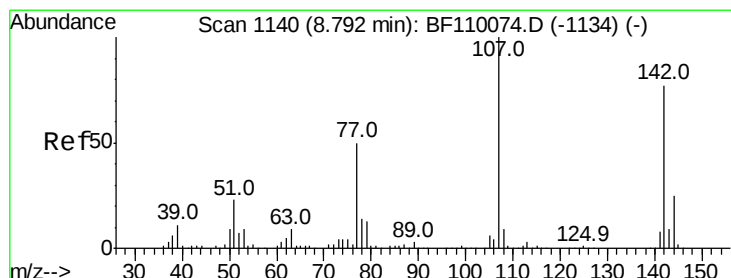
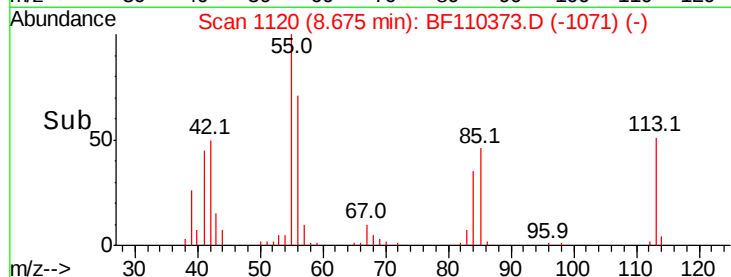
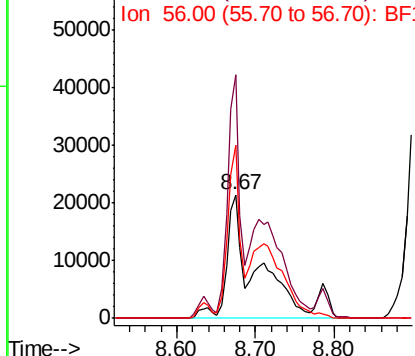
Tot Ion:113 Resp: 59706
 Ion Ratio Lower Upper
 113 100
 55 196.6 142.8 182.8#
 56 139.5 105.0 145.0

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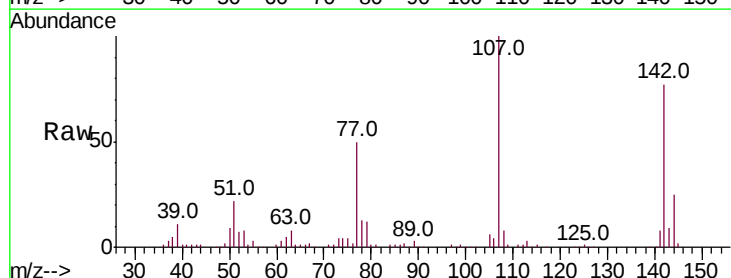


Abundance Ion 113.00 (112.70 to 113.70): E
 Ion 55.00 (54.70 to 55.70): BF1
 Ion 56.00 (55.70 to 56.70): BF1

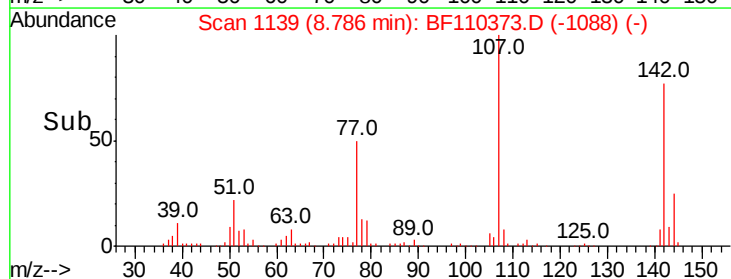
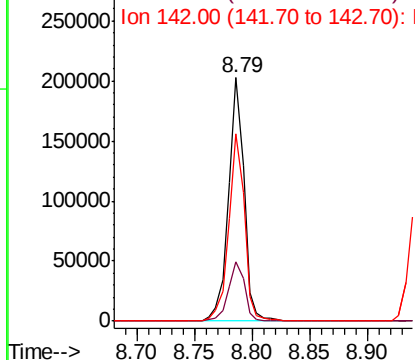


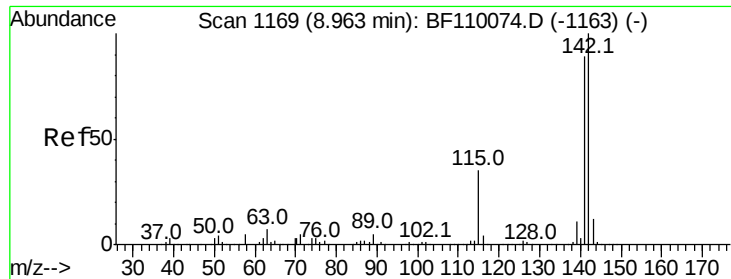
#36
 4-Chloro-3-methylphenol
 Concen: 42.097 ng/ml
 RT: 8.79 min Scan# 1139
 Delta R.T. 0.00 min
 Lab File: BF110373.D
 Acq: 1 Nov 2018 17:50

Tgt Ion:107 Resp: 189108
 Ion Ratio Lower Upper
 107 100
 144 24.5 20.0 30.0
 142 76.7 59.7 89.5



Abundance Ion 107.00 (106.70 to 107.70): E
 Ion 144.00 (143.70 to 144.70): E
 Ion 142.00 (141.70 to 142.70): E





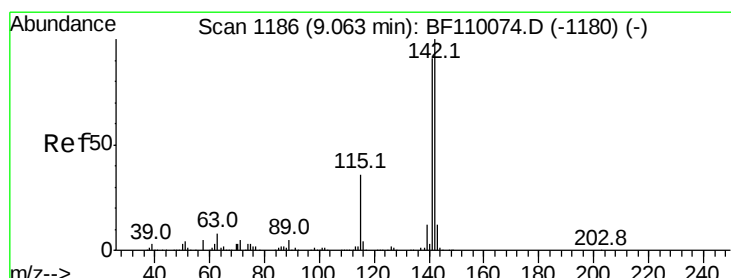
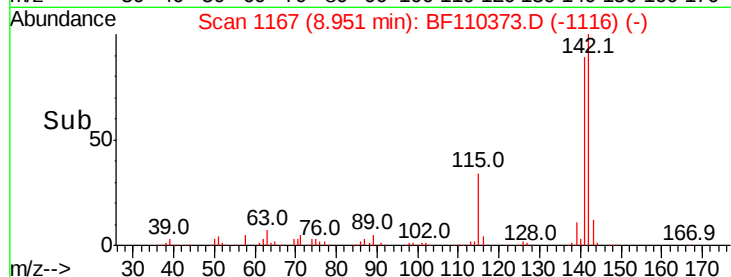
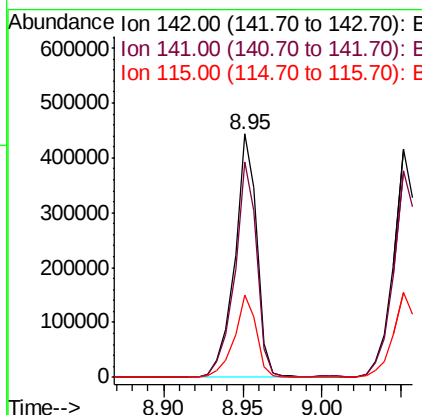
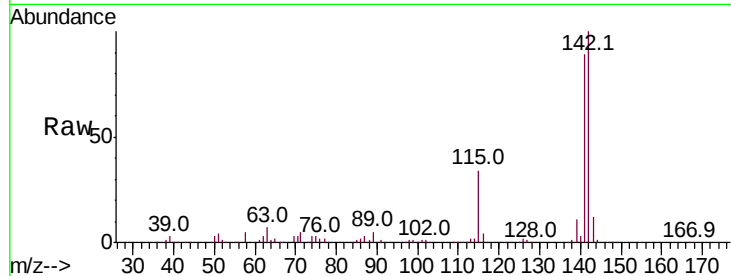
#37
2-Methylnaphthalene
Concen: 47.000 ng
RT: 8.95 min Scan# 1167
Delta R.T. 0.00 min
Lab File: BF110373.D
Acq: 1 Nov 2018 17:50

Instrument :
BNA_F
ClientSampleId :
PB114382BS

Tot Ion	Ratio	Resp	Lower	Upper
142	100	429130		
141	88.6	71.4	107.2	
115	34.0	28.7	43.1	

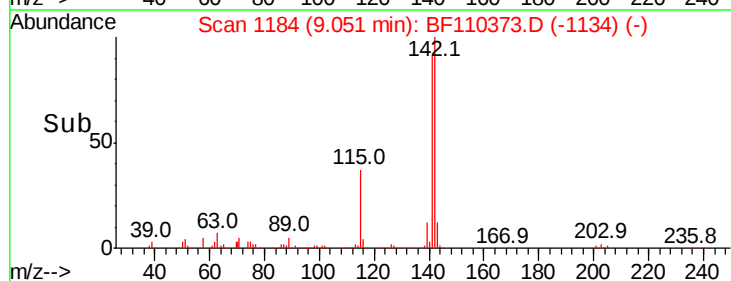
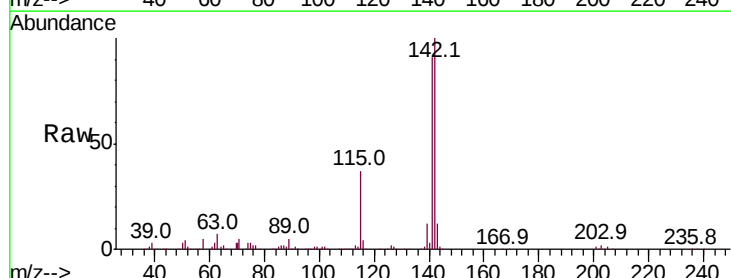
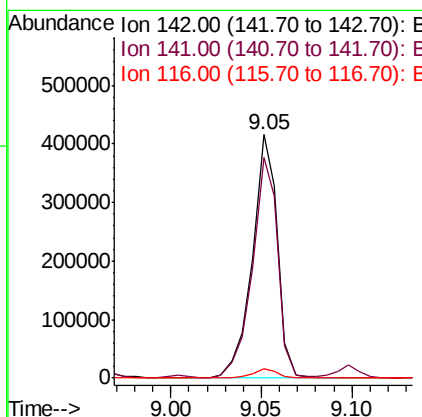
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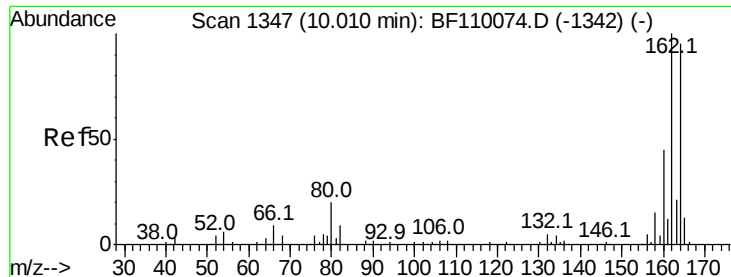
Sohil
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#38
1-Methylnaphthalene
Concen: 44.936 ng
RT: 9.05 min Scan# 1184
Delta R.T. -0.01 min
Lab File: BF110373.D
Acq: 1 Nov 2018 17:50

Tgt Ion	Ratio	Resp	Lower	Upper
142	100	396486		
141	90.6	74.2	111.4	
116	3.7	2.6	4.0	





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 10.00 min Scan# 1345

Delta R.T. 0.00 min

Lab File: BF110373.D

Acq: 1 Nov 2018 17:50

Instrument :

BNA_F

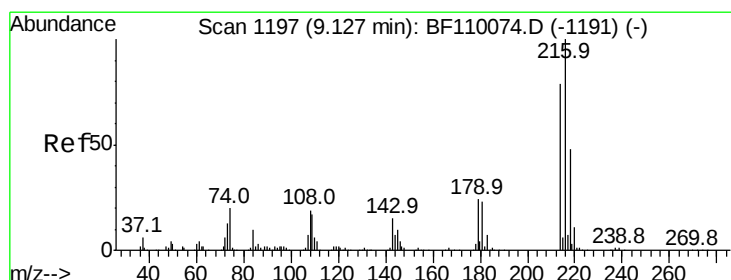
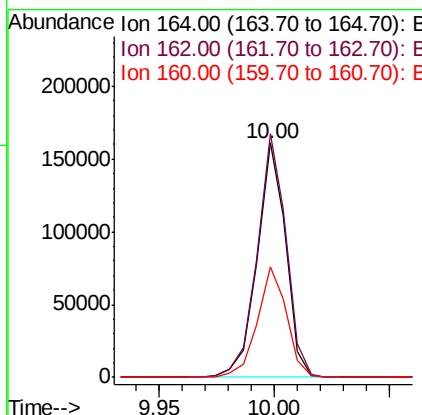
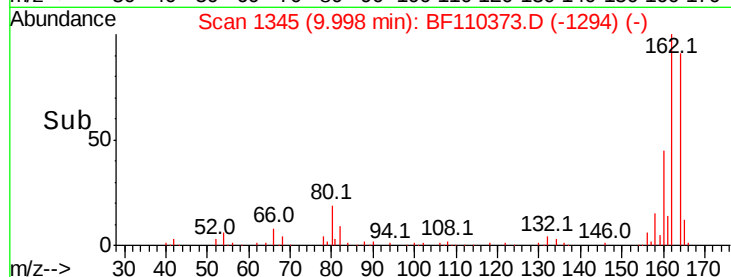
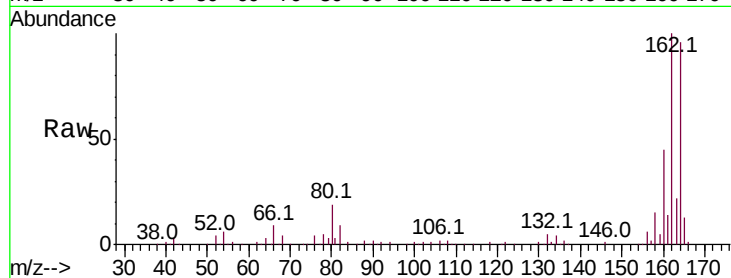
ClientSampleId :

PB114382BS

Tot Ion:	164	Resp:	139354
Ion Ratio	Lower	Upper	
164	100		
162	104.0	83.0	124.6
160	47.0	37.0	55.6

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#40

1,2,4,5-Tetrachlorobenzene

Concen: 41.497 ng

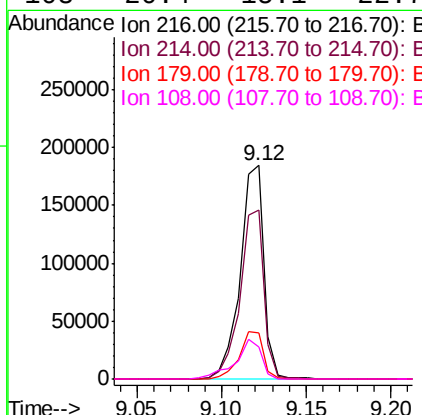
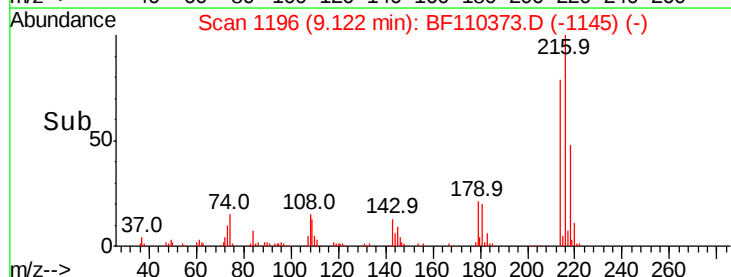
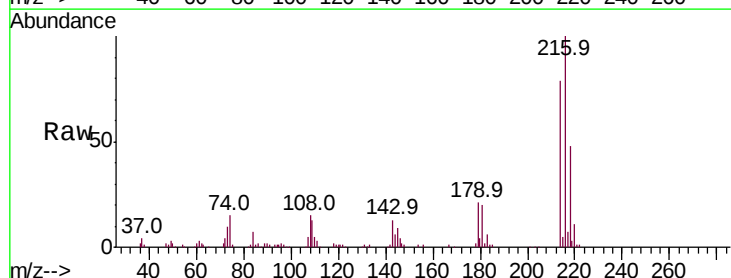
RT: 9.12 min Scan# 1196

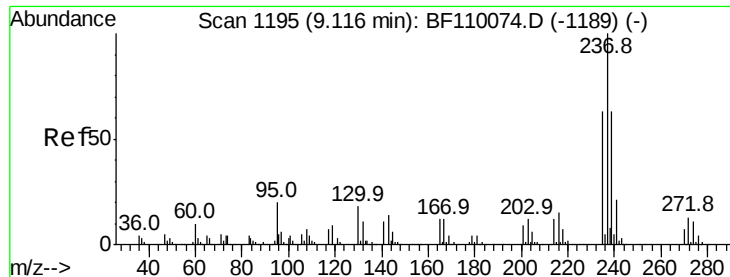
Delta R.T. 0.00 min

Lab File: BF110373.D

Acq: 1 Nov 2018 17:50

Tgt Ion:	216	Resp:	180177
Ion Ratio	Lower	Upper	
216	100		
214	79.9	63.8	95.6
179	22.5	16.6	25.0
108	20.4	15.1	22.7





#41

Hexachlorocyclopentadiene

Concen: 62.491 ng

RT: 9.10 min Scan# 1192

Delta R.T. 0.00 min

Lab File: BF110373.D

Acq: 1 Nov 2018 17:50

Instrument :

BNA_F

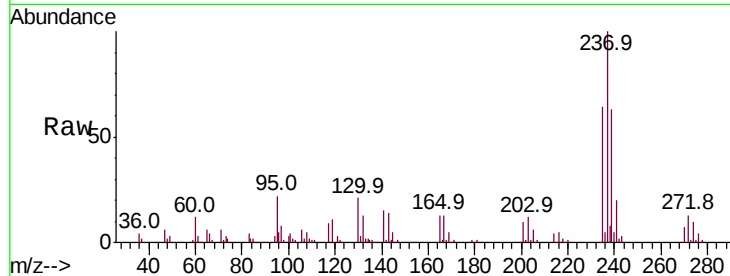
ClientSampleId :

PB114382BS

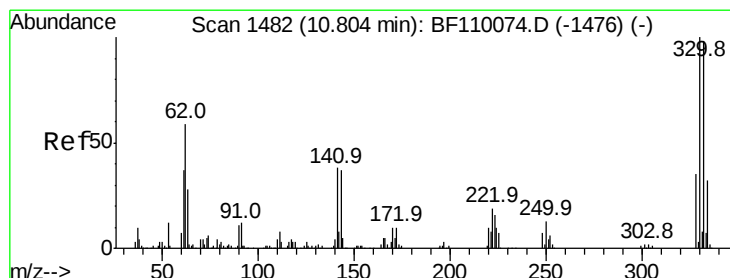
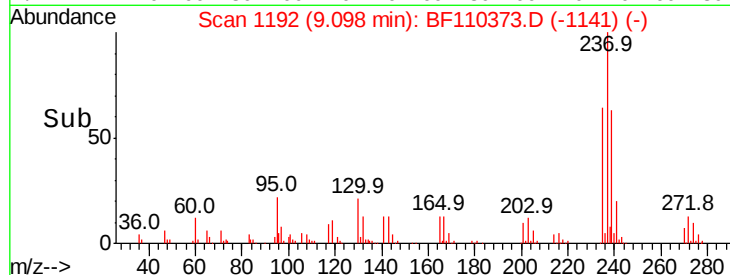
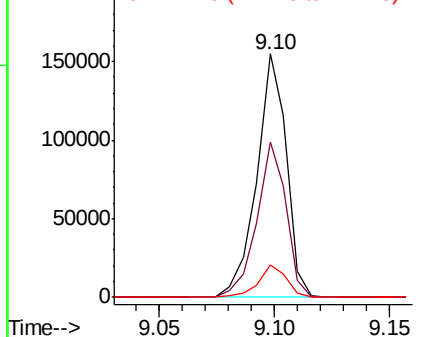
Tot Ion:	237	Resp:	138744
Ion Ratio	Lower	Upper	
237	100		
235	63.6	43.1	83.1
272	13.2	0.0	32.6

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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: 145.396 ng

RT: 10.79 min Scan# 1480

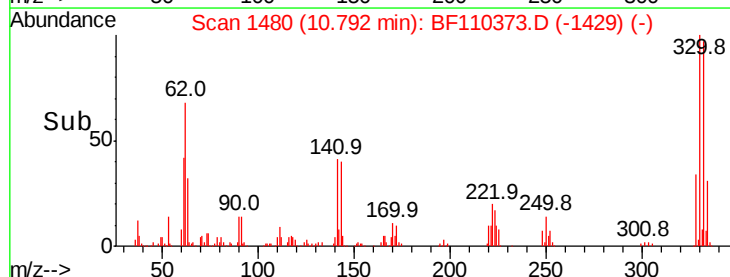
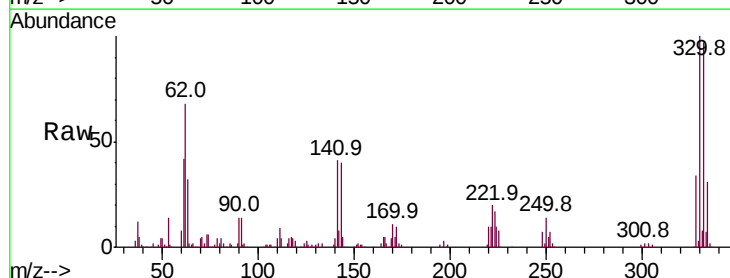
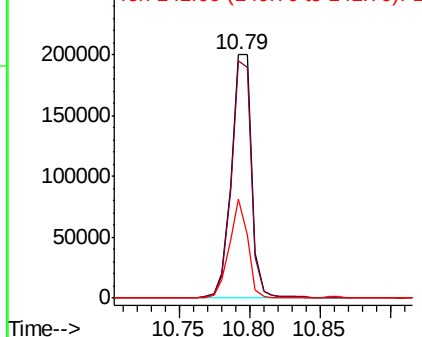
Delta R.T. 0.00 min

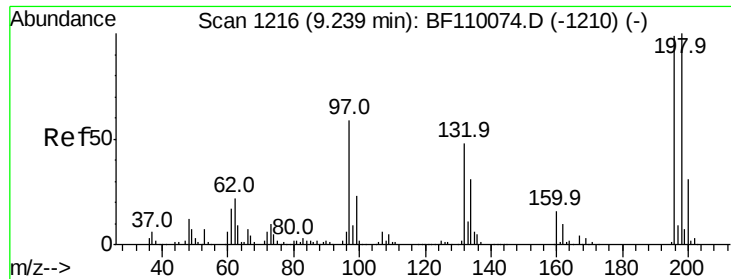
Lab File: BF110373.D

Acq: 1 Nov 2018 17:50

Tgt Ion:	330	Resp:	200704
Ion Ratio	Lower	Upper	
330	100		
332	96.1	77.1	115.7
141	36.7	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





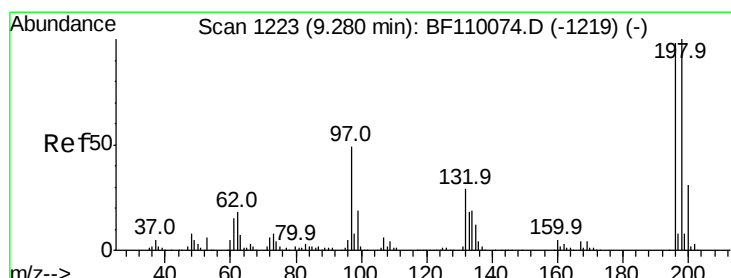
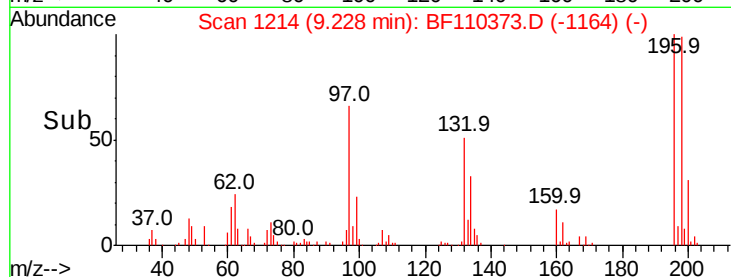
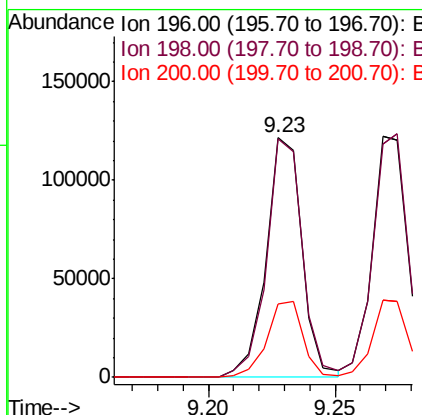
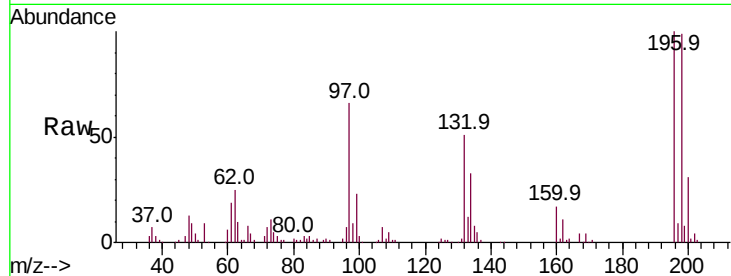
#43
 2,4,6-Trichlorophenol
 Concen: 42.695 ng
 RT: 9.23 min Scan# 1214
 Delta R.T. -0.01 min
 Lab File: BF110373.D
 Acq: 1 Nov 2018 17:50

Instrument :
 BNA_F
 ClientSampleId :
 PB114382BS

Tot Ion	Ratio	Resp	Lower	Upper
196	100	119568		
198	99.5	76.2	114.4	
200	30.6	24.4	36.6	

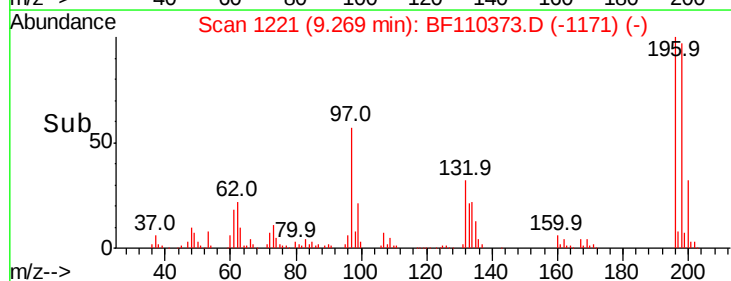
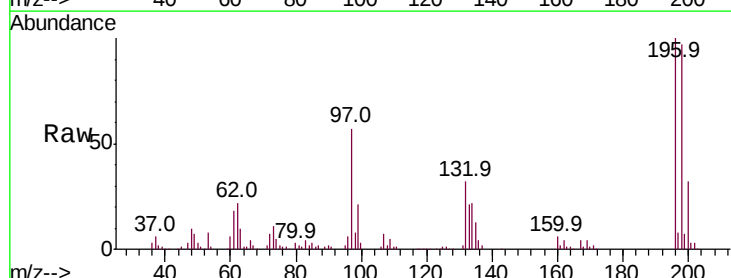
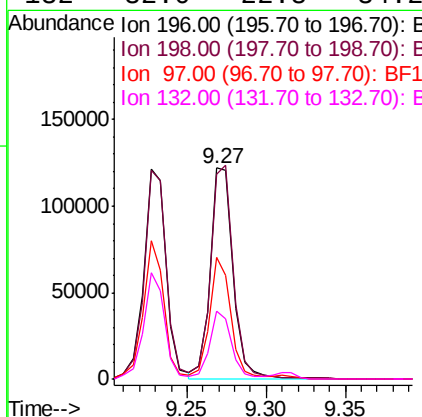
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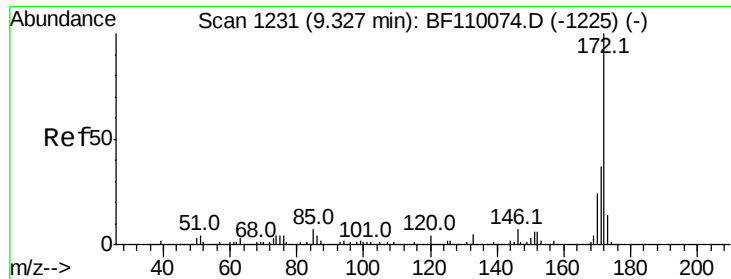
Sohil
 11/2/2018 2:48:44 PM



#44
 2,4,5-Trichlorophenol
 Concen: 41.820 ng
 RT: 9.27 min Scan# 1221
 Delta R.T. -0.01 min
 Lab File: BF110373.D
 Acq: 1 Nov 2018 17:50

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	123799		
198	97.2	75.8	113.6	
97	57.5	42.4	63.6	
132	32.0	22.8	34.2	





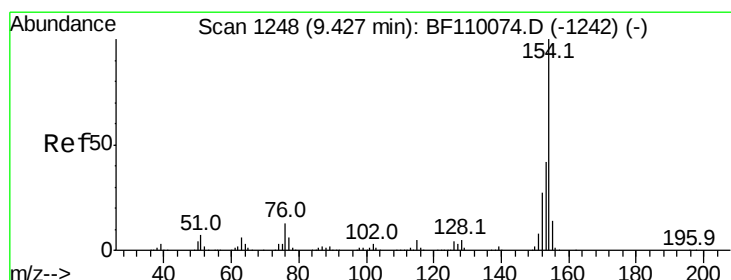
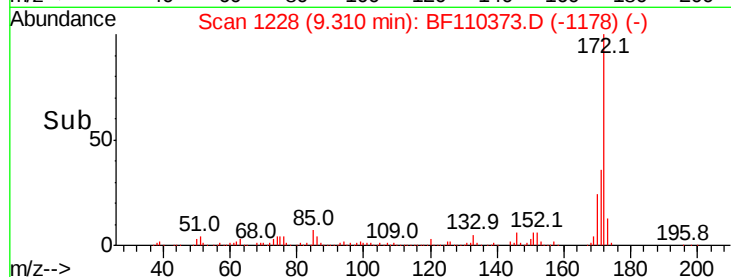
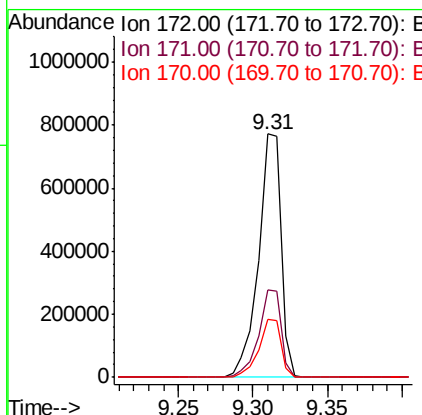
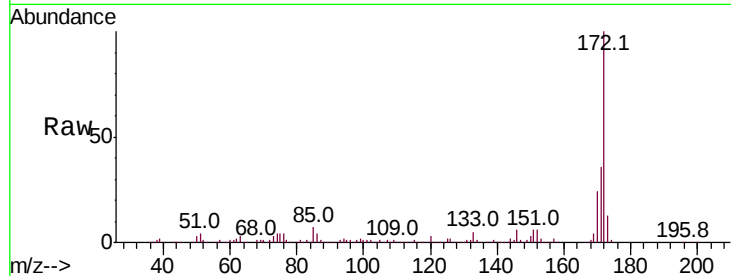
#45
2-Fluorobiphenyl
Concen: 90.357 ng
RT: 9.31 min Scan# 1228
Delta R.T. -0.01 min
Lab File: BF110373.D
Acq: 1 Nov 2018 17:50

Instrument :
BNA_F
ClientSampled :
PB114382BS

Tot Ion	Ratio	Lower	Upper
172	100		
171	35.7	28.6	43.0
170	23.9	19.7	29.5

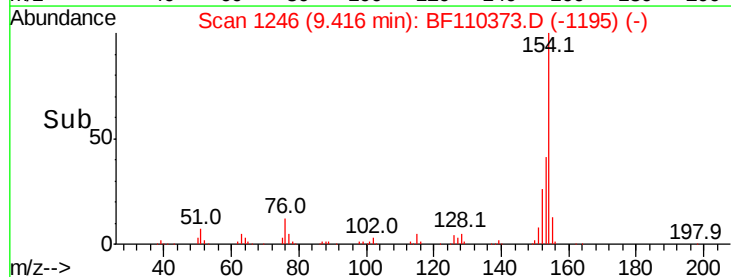
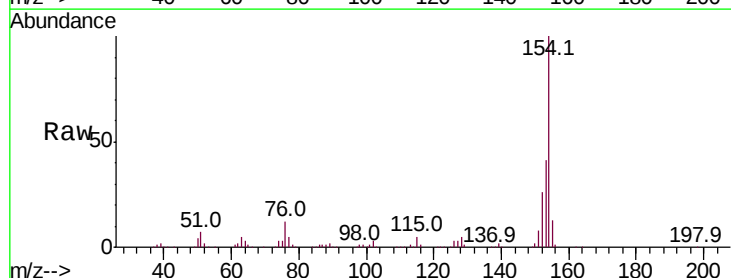
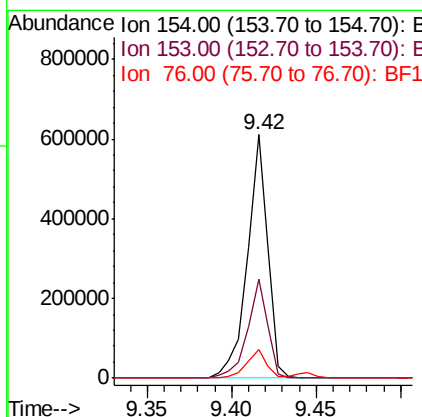
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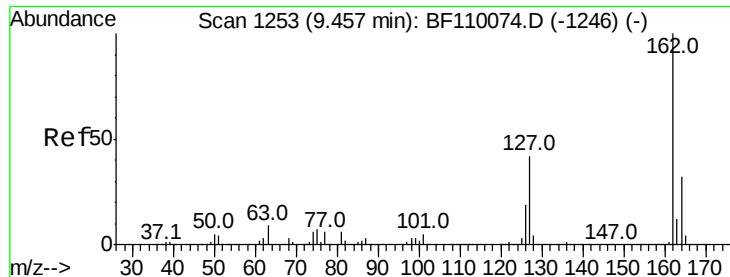
Sohil
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#46
1,1'-Biphenyl
Concen: 41.022 ng
RT: 9.42 min Scan# 1246
Delta R.T. 0.00 min
Lab File: BF110373.D
Acq: 1 Nov 2018 17:50

Tgt Ion	Ratio	Lower	Upper
154	100		
153	40.6	20.4	60.4
76	11.8	0.0	31.9





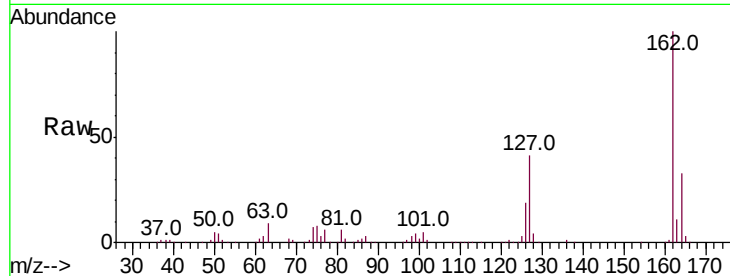
#47
2-Chloronaphthalene
Concen: 42.205 ng
RT: 9.45 min Scan# 1251
Delta R.T. 0.00 min
Lab File: BF110373.D
Acq: 1 Nov 2018 17:50

Instrument :
BNA_F
ClientSampleId :
PB114382BS

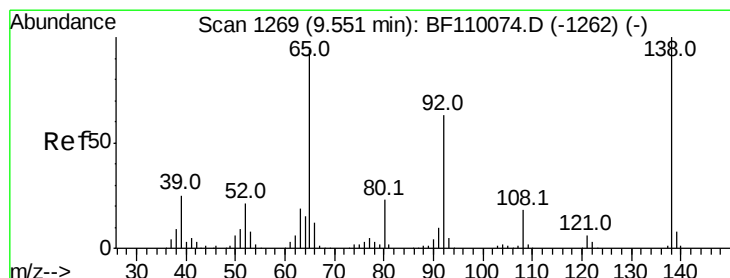
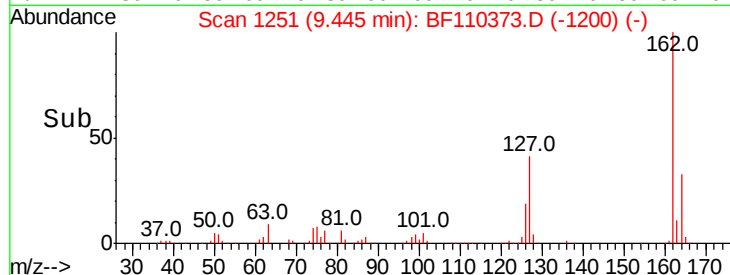
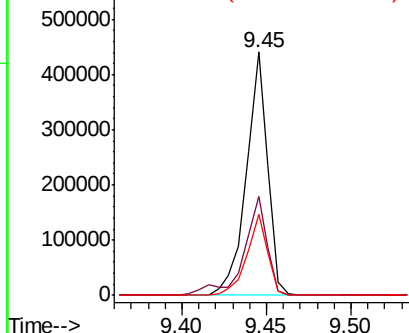
Tot Ion	Ratio	Resp Lower	Upper
162	100		
127	40.5	32.6	48.8
164	33.0	25.9	38.9

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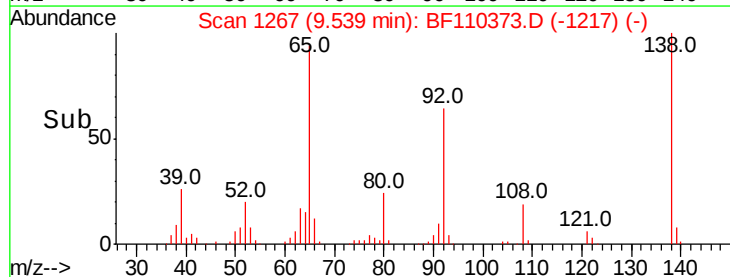
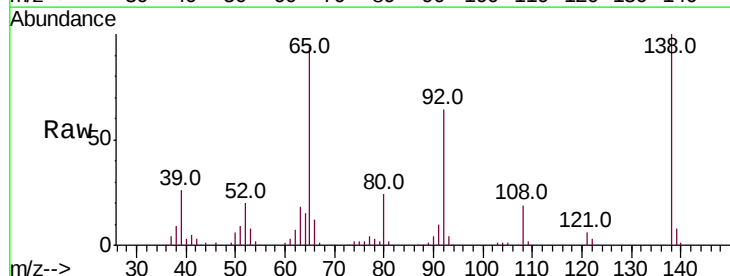
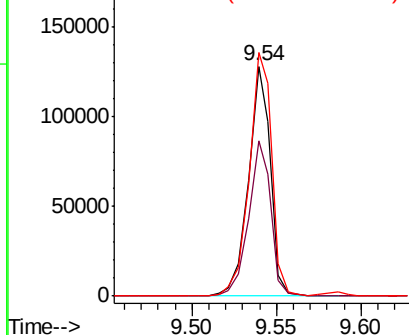
Abundance Ion 162.00 (161.70 to 162.70): E
Ion 127.00 (126.70 to 127.70): E
Ion 164.00 (163.70 to 164.70): E

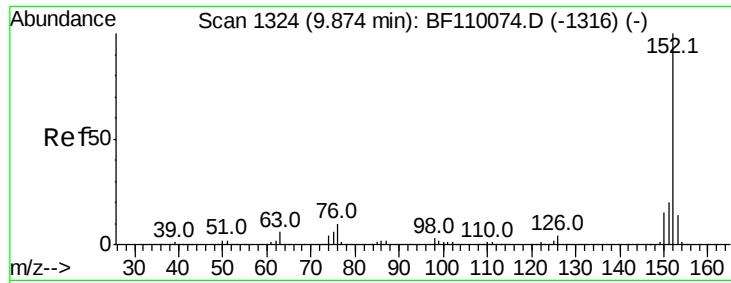


#48
2-Nitroaniline
Concen: 41.471 ng
RT: 9.54 min Scan# 1267
Delta R.T. -0.01 min
Lab File: BF110373.D
Acq: 1 Nov 2018 17:50

Tgt Ion	Ratio	Resp Lower	Upper
65	100		
92	67.6	54.6	81.8
138	106.1	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





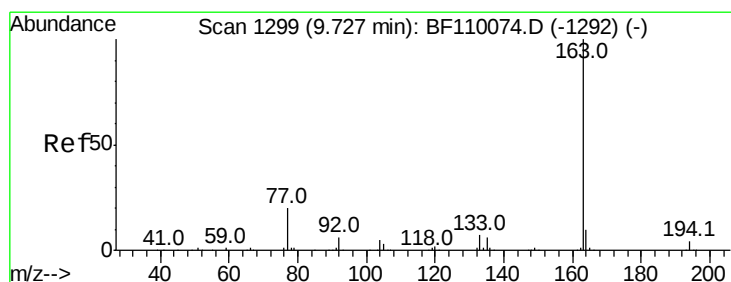
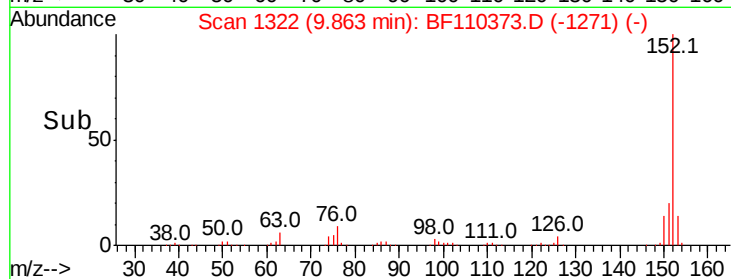
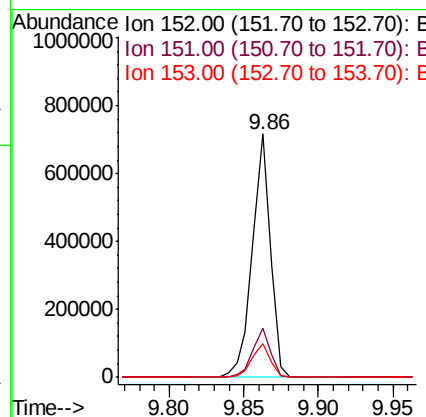
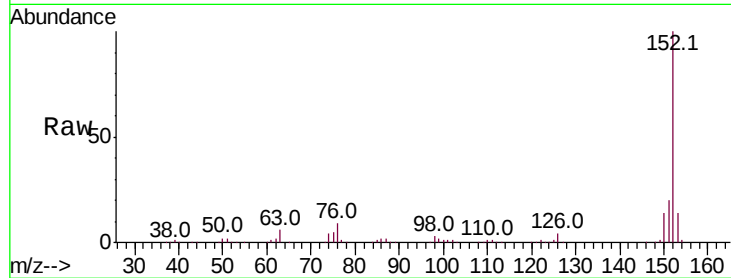
#49
Acenaphthylene
Concen: 45.028 ng
RT: 9.86 min Scan# 1322
Delta R.T. 0.00 min
Lab File: BF110373.D
Acq: 1 Nov 2018 17:50

Instrument :
BNA_F
ClientSampleId :
PB114382BS

Tot Ion	Ratio	Resp	Lower	Upper
152	100	601182		
151	20.2		15.8	23.8
153	13.7		10.4	15.6

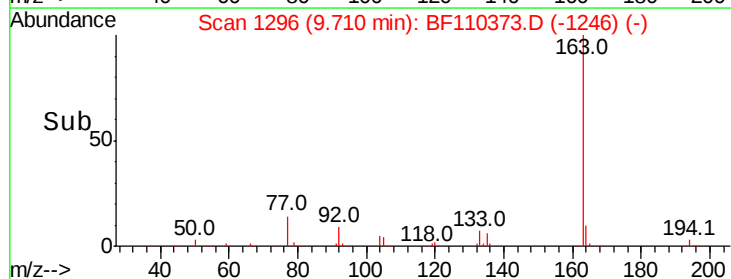
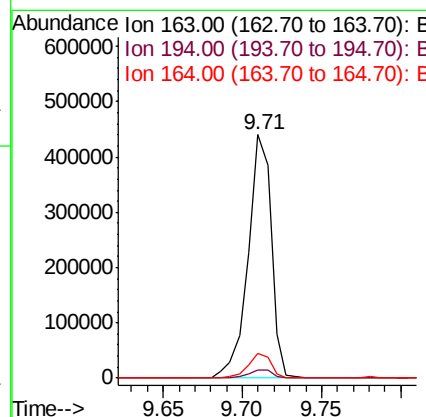
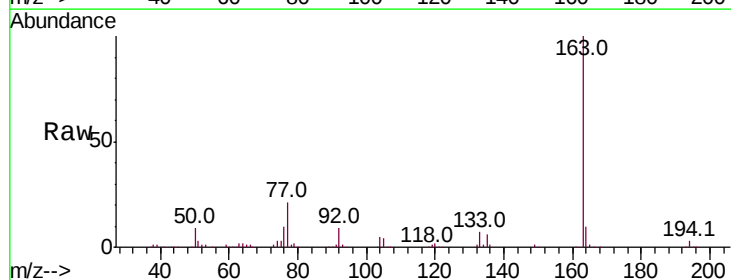
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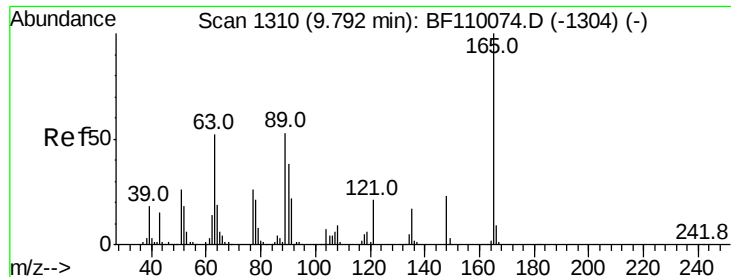
Sohil
11/2/2018 2:48:44 PM



#50
Dimethylphthalate
Concen: 43.348 ng
RT: 9.71 min Scan# 1296
Delta R.T. -0.01 min
Lab File: BF110373.D
Acq: 1 Nov 2018 17:50

Tgt Ion	Ratio	Resp	Lower	Upper
163	100	445910		
194	3.4		3.2	4.8
164	10.2		8.1	12.1





#51

2,6-Dinitrotoluene

Concen: 43.288 ng

RT: 9.78 min Scan# 1308

Delta R.T. 0.00 min

Lab File: BF110373.D

Acq: 1 Nov 2018 17:50

Instrument :

BNA_F

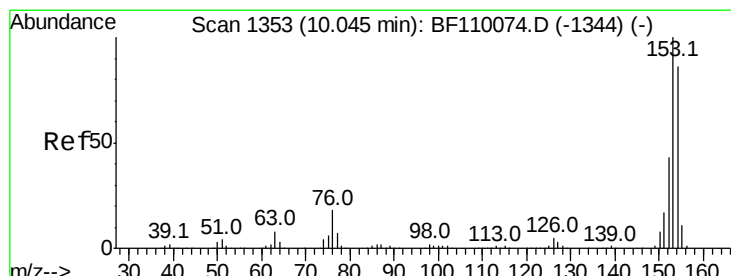
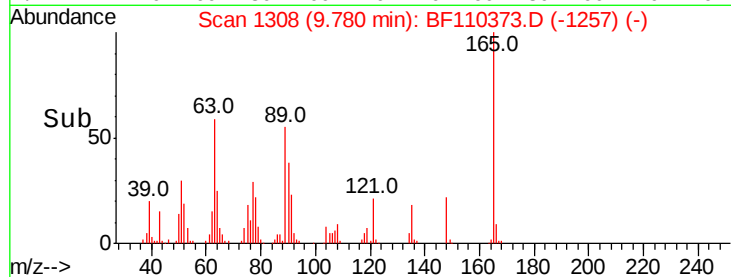
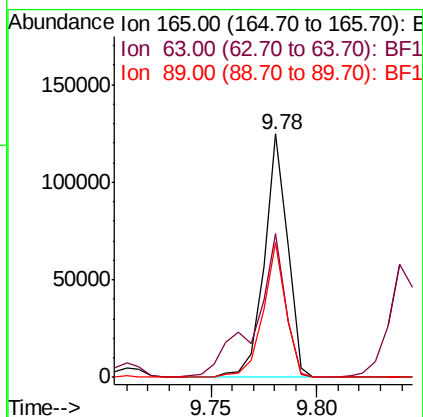
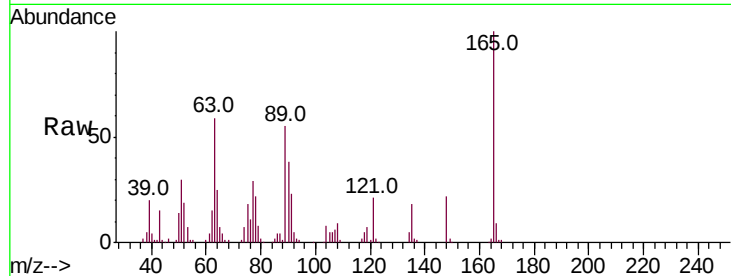
ClientSampleId :

PB114382BS

Tot Ion:	165	Resp:	95919
Ion Ratio	Lower	Upper	
165	100		
63	58.8	48.9	73.3
89	55.3	46.6	69.8

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#52

Acenaphthene

Concen: 40.893 ng

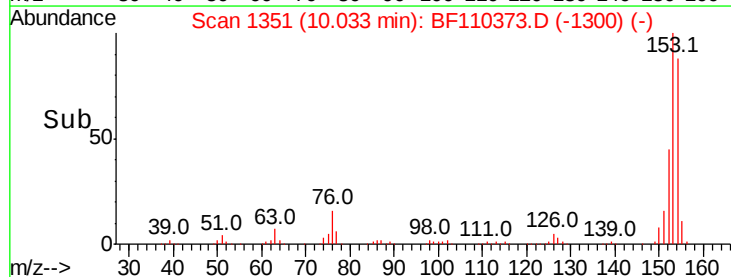
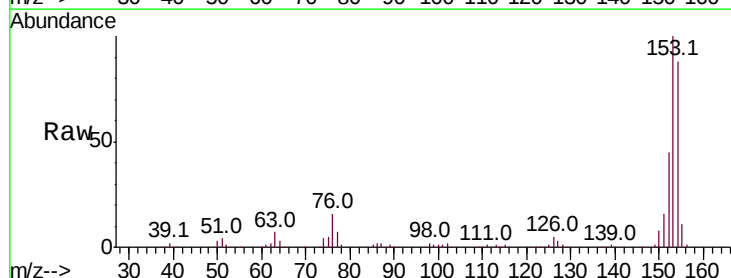
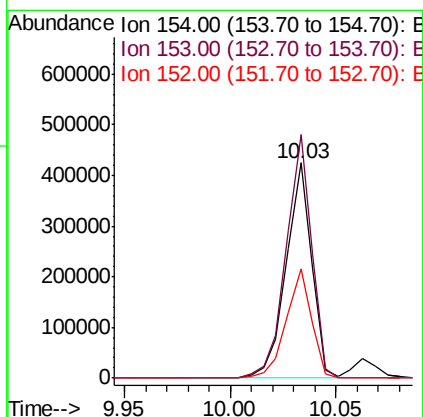
RT: 10.03 min Scan# 1351

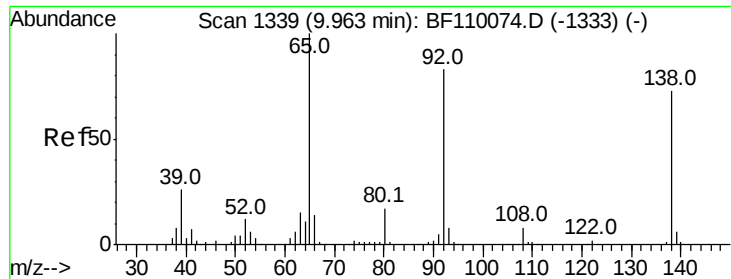
Delta R.T. 0.00 min

Lab File: BF110373.D

Acq: 1 Nov 2018 17:50

Tgt Ion:	154	Resp:	361189
Ion Ratio	Lower	Upper	
154	100		
153	113.1	90.1	135.1
152	50.9	43.4	65.2





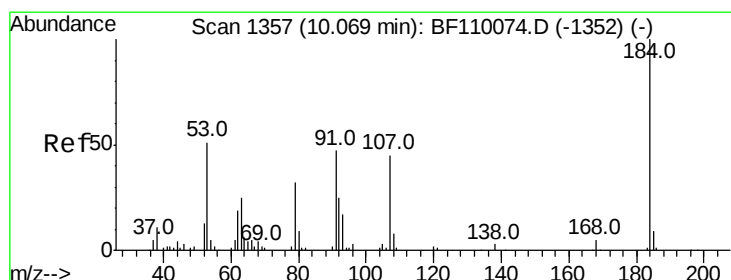
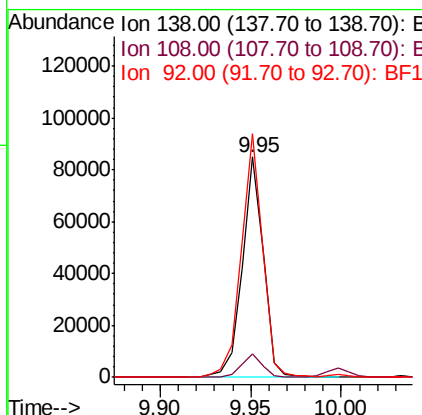
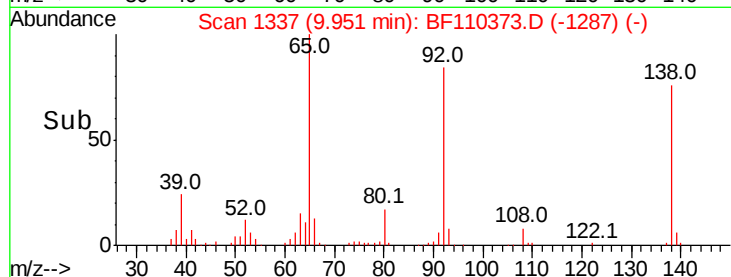
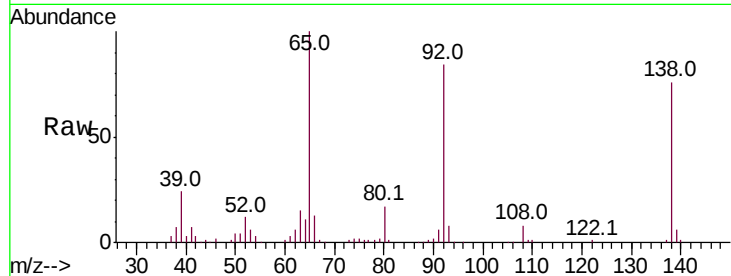
#53
3-Nitroaniline
Concen: 26.018 ng
RT: 9.95 min Scan# 1337
Delta R.T. -0.01 min
Lab File: BF110373.D
Acq: 1 Nov 2018 17:50

Instrument :
BNA_F
ClientSampleId :
PB114382BS

Tot Ion:138 Resp: 68557
Ion Ratio Lower Upper
138 100
108 10.7 8.7 13.1
92 110.5 97.0 145.4

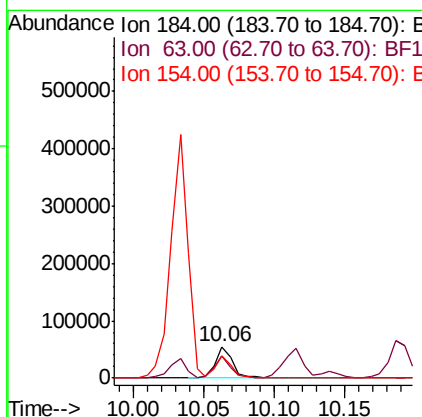
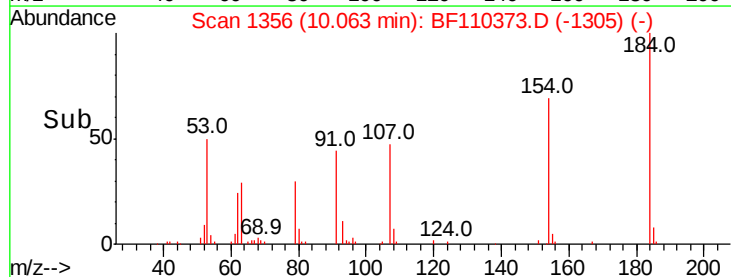
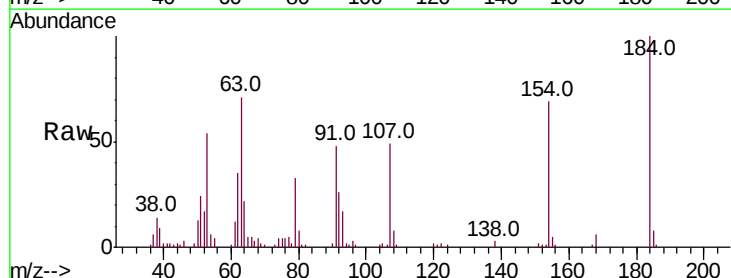
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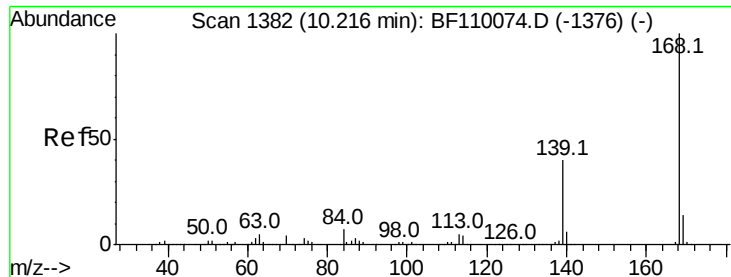
Sohil
11/2/2018 2:48:44 PM



#54
2,4-Dinitrophenol
Concen: 56.646 ng
RT: 10.06 min Scan# 1356
Delta R.T. 0.00 min
Lab File: BF110373.D
Acq: 1 Nov 2018 17:50

Tgt Ion:184 Resp: 48395
Ion Ratio Lower Upper
184 100
63 71.0 55.8 83.6
154 68.7 63.2 94.8





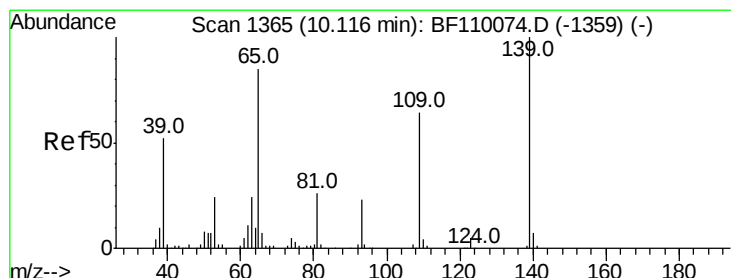
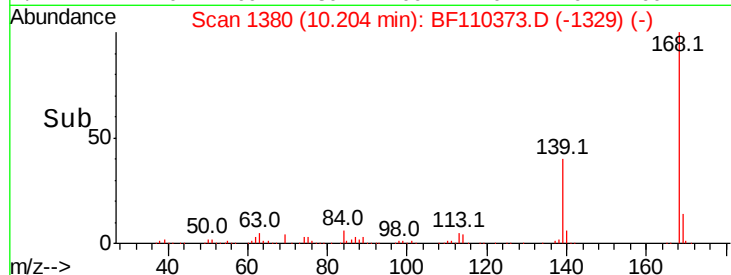
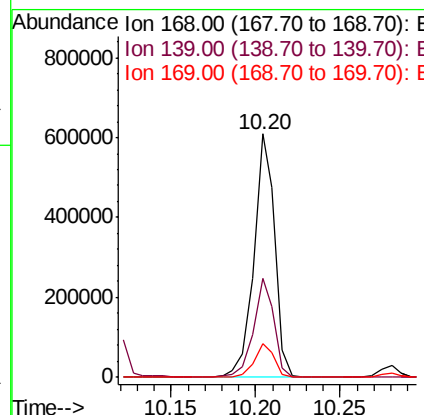
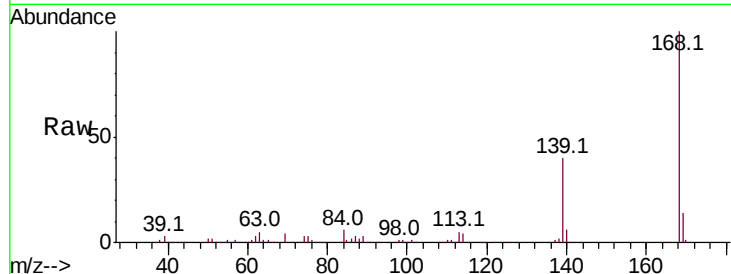
#55
Dibenzofuran
Concen: 42.542 ng
RT: 10.20 min Scan# 1380
Delta R.T. 0.00 min
Lab File: BF110373.D
Acq: 1 Nov 2018 17:50

Instrument :
BNA_F
ClientSampleId :
PB114382BS

Tot Ion	Ratio	Lower	Upper
168	100		
139	40.4	33.0	49.6
169	13.9	11.3	16.9

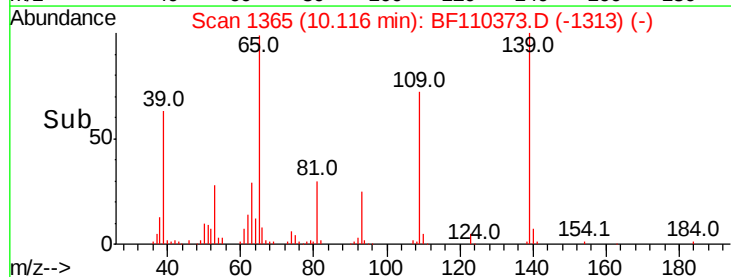
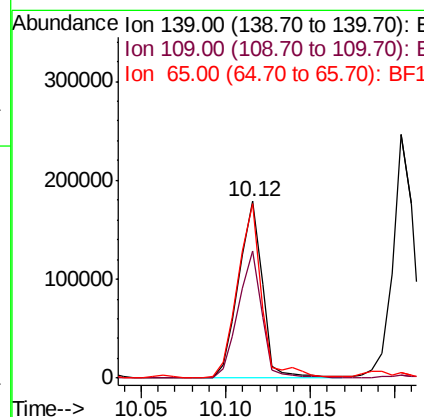
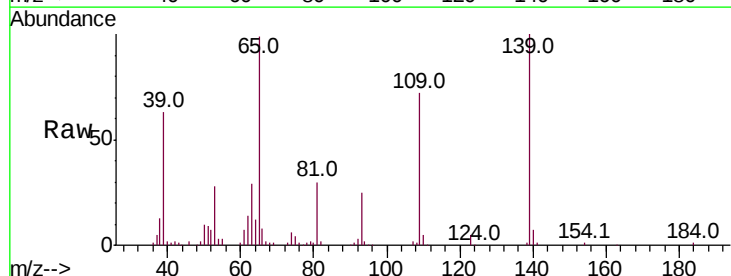
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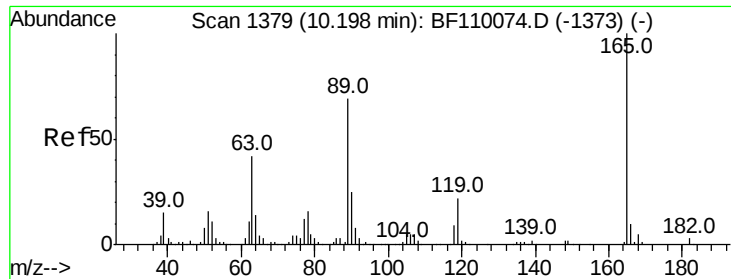
Sohil
11/2/2018 2:48:44 PM



#56
4-Nitrophenol
Concen: 90.495 ng
RT: 10.12 min Scan# 1365
Delta R.T. 0.01 min
Lab File: BF110373.D
Acq: 1 Nov 2018 17:50

Tgt Ion	Ratio	Lower	Upper
139	100		
109	72.0	55.8	95.8
65	99.0	77.9	117.9





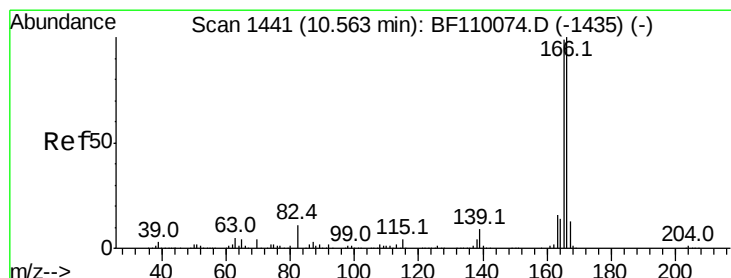
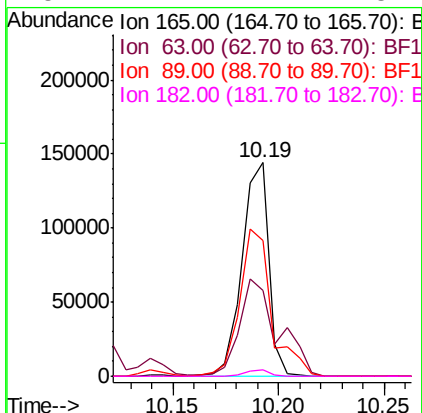
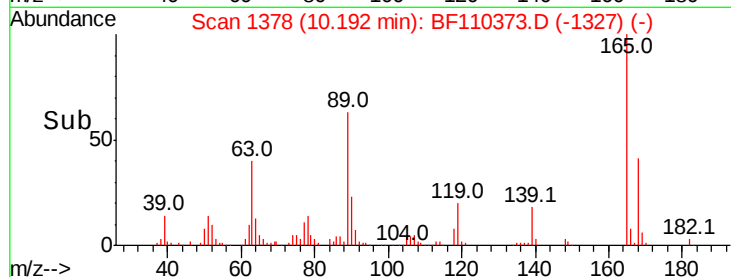
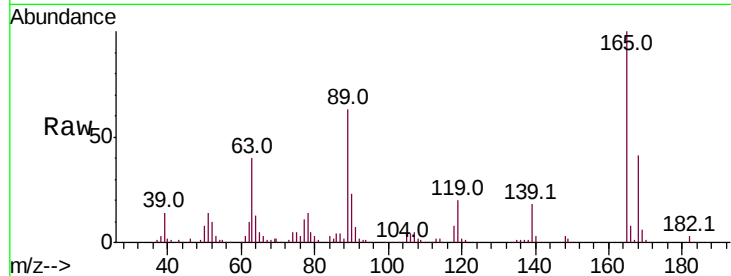
#57
2,4-Dinitrotoluene
Concen: 44.925 ng
RT: 10.19 min Scan# 1378
Delta R.T. 0.00 min
Lab File: BF110373.D
Acq: 1 Nov 2018 17:50

Instrument :
BNA_F
ClientSampleId :
PB114382BS

Tot Ion	Ratio	Resp	Lower	Upper
165	100			
63	39.9	44.8	67.2	#
89	63.2	62.2	93.4	
182	2.7	2.1	3.1	

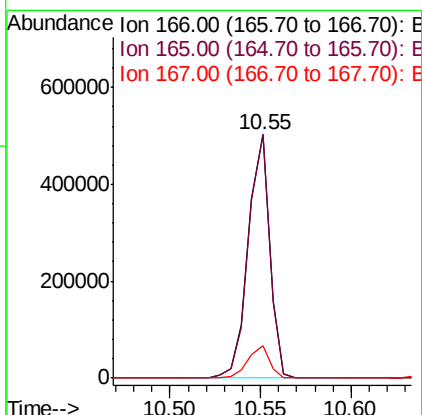
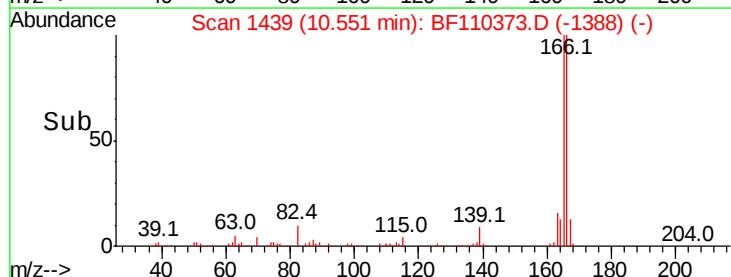
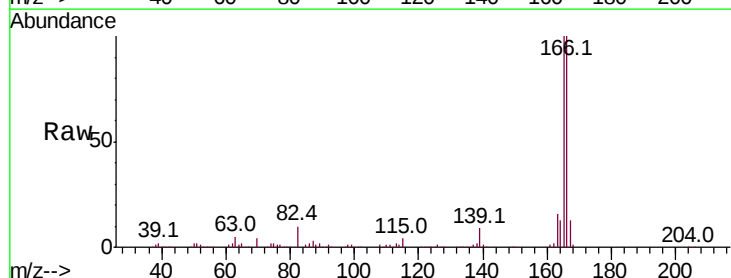
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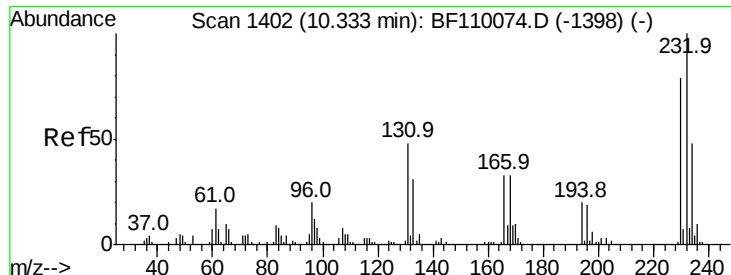
Sohil
11/2/2018 2:48:44 PM



#58
Fluorene
Concen: 45.307 ng
RT: 10.55 min Scan# 1439
Delta R.T. 0.00 min
Lab File: BF110373.D
Acq: 1 Nov 2018 17:50

Tgt Ion	Ratio	Resp	Lower	Upper
166	100			
165	99.9	78.6	117.8	
167	13.2	10.8	16.2	





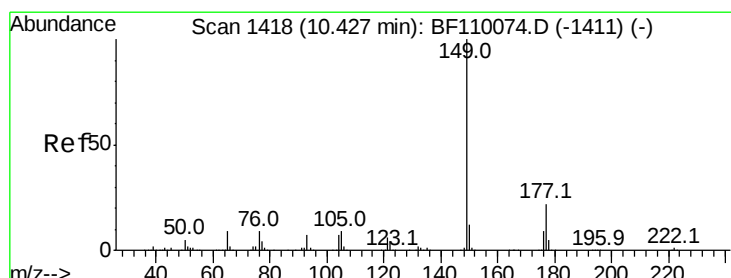
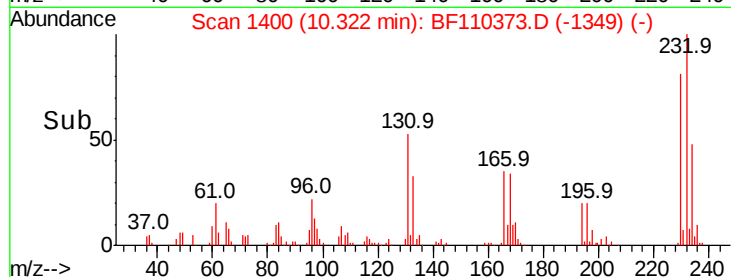
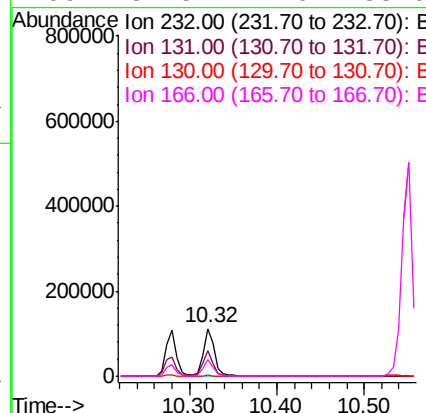
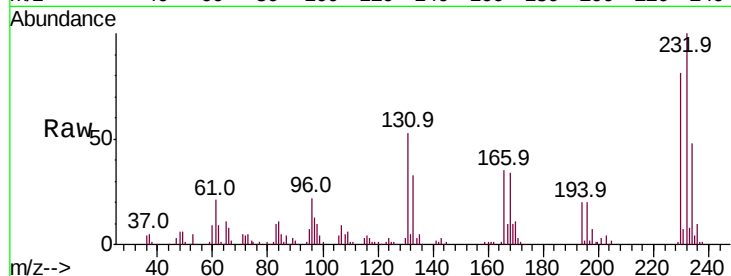
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 41.812 ng
 RT: 10.32 min Scan# 1400
 Delta R.T. 0.00 min
 Lab File: BF110373.D
 Acq: 1 Nov 2018 17:50

Instrument :
 BNA_F
 ClientSampleId :
 PB114382BS

Tot Ion	Ratio	Resp	Lower	Upper
232	100	100888		
131	49.6		37.0	55.4
130	2.4		1.8	2.6
166	32.5		22.0	33.0

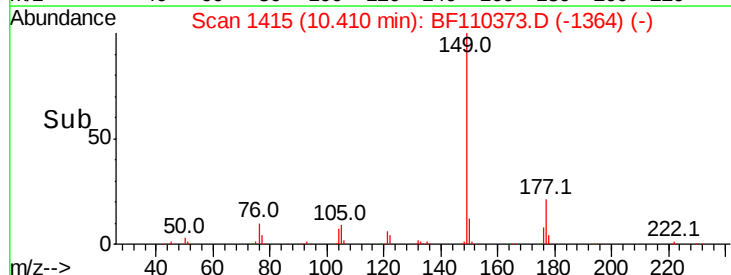
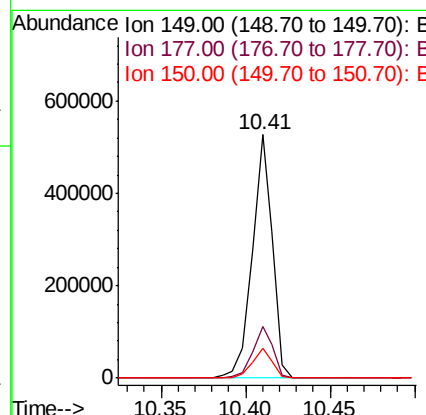
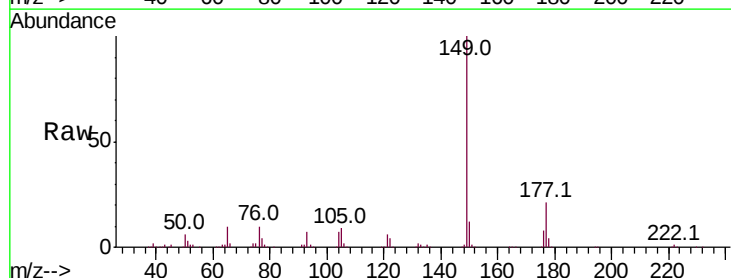
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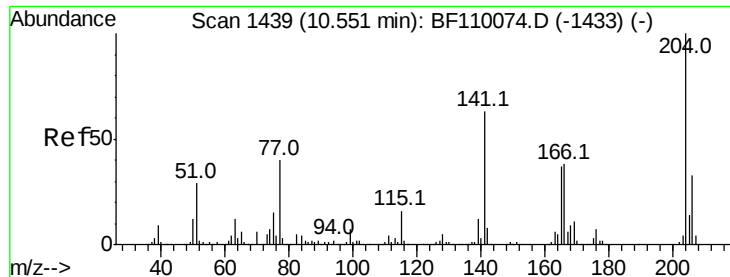
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#60
 Diethylphthalate
 Concen: 43.545 ng
 RT: 10.41 min Scan# 1415
 Delta R.T. 0.00 min
 Lab File: BF110373.D
 Acq: 1 Nov 2018 17:50

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	437259		
177	21.4		17.4	26.2
150	12.4		9.8	14.8





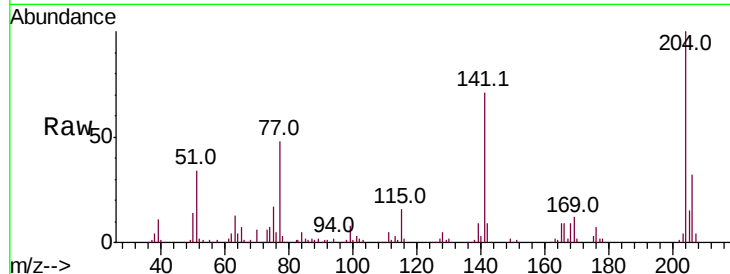
#61
4-Chlorophenyl-phenylether
Concen: 41.238 ng
RT: 10.53 min Scan# 1436
Delta R.T. -0.01 min
Lab File: BF110373.D
Acq: 1 Nov 2018 17:50

Instrument :
BNA_F
ClientSampleId :
PB114382BS

Tot Ion	Ratio	Lower	Upper
204	100		
206	32.3	26.5	39.7
141	70.9	51.8	77.8

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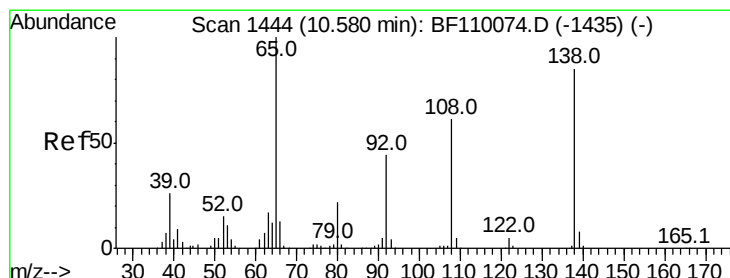
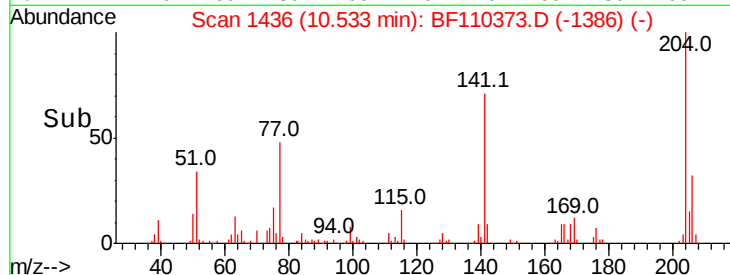
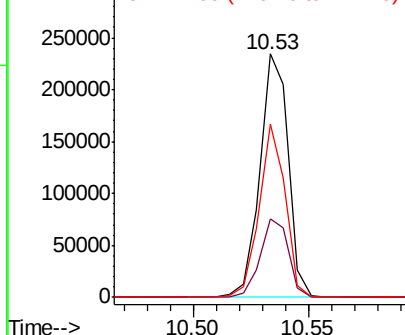


Abundance

Ion 204.00 (203.70 to 204.70): E

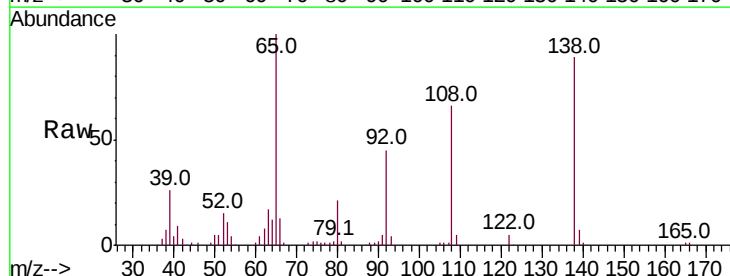
Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E



#62
4-Nitroaniline
Concen: 35.511 ng
RT: 10.57 min Scan# 1442
Delta R.T. -0.01 min
Lab File: BF110373.D
Acq: 1 Nov 2018 17:50

Tgt Ion	Ratio	Lower	Upper
138	100		
92	51.0	31.7	71.7
108	73.9	59.3	99.3

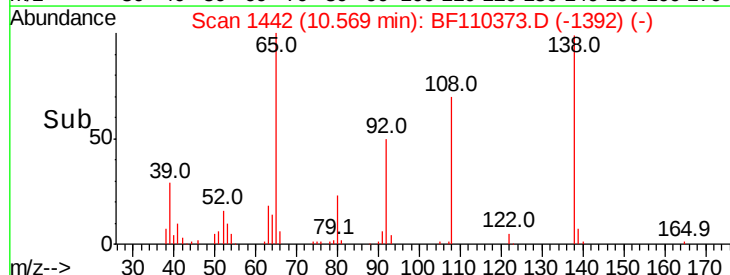
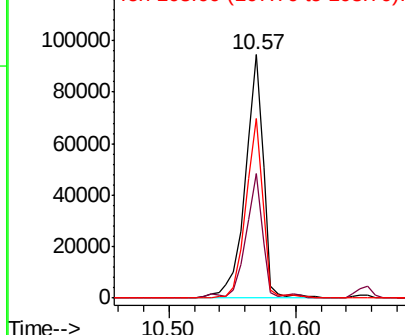


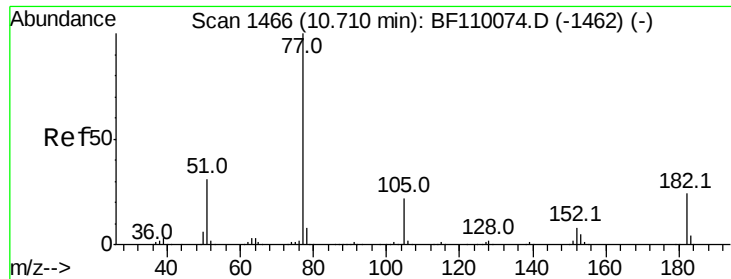
Abundance

Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BF1

Ion 108.00 (107.70 to 108.70): E





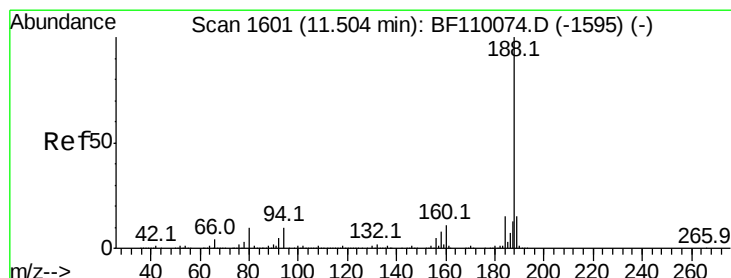
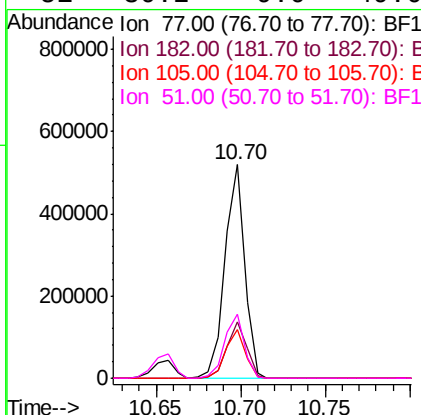
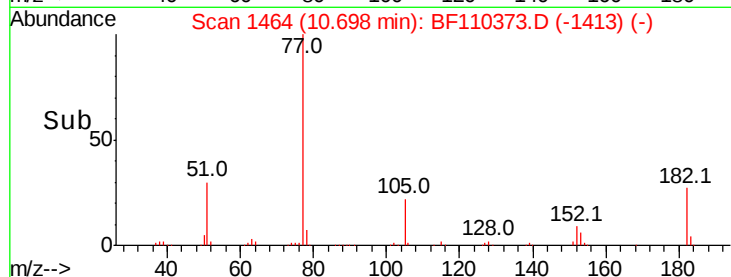
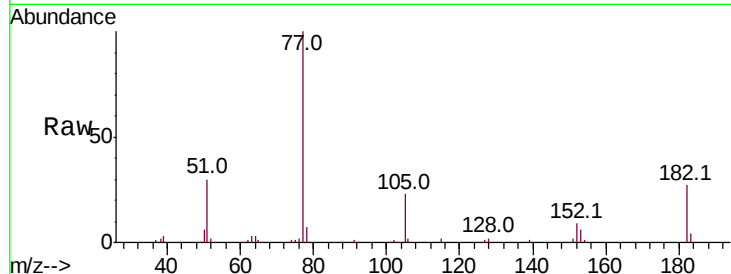
#63
Azobenzene
Concen: 42.330 ng
RT: 10.70 min Scan# 1464
Delta R.T. 0.00 min
Lab File: BF110373.D
Acq: 1 Nov 2018 17:50

Instrument :
BNA_F
ClientSampleId :
PB114382BS

Tot Ion	Ratio	Resp	Lower	Upper
77	100			
182	26.5	4.3	44.3	
105	22.8	1.3	41.3	
51	30.2	9.0	49.0	

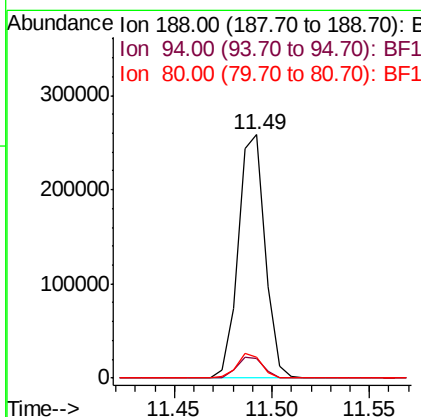
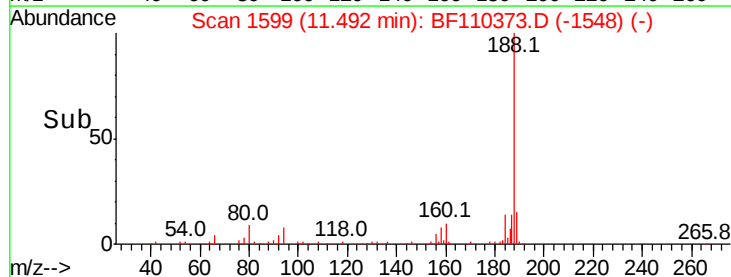
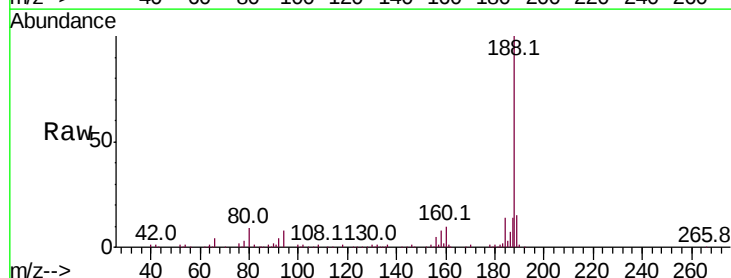
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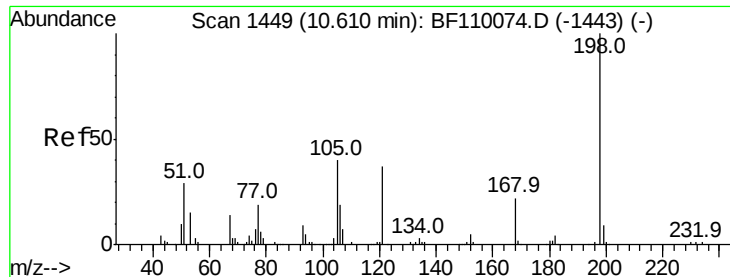
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#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.49 min Scan# 1599
Delta R.T. 0.00 min
Lab File: BF110373.D
Acq: 1 Nov 2018 17:50

Tgt Ion	Ratio	Resp	Lower	Upper
188	100			
94	8.1	7.2	10.8	
80	8.7	7.9	11.9	





#65

4,6-Dinitro-2-methylphenol

Concen: 34.376 ng

RT: 10.60 min Scan# 1447

Delta R.T. -0.01 min

Lab File: BF110373.D

Acq: 1 Nov 2018 17:50

Instrument :

BNA_F

ClientSampleId :

PB114382BS

Tot Ion:198 Resp: 38818

Ion Ratio Lower Upper

198 100

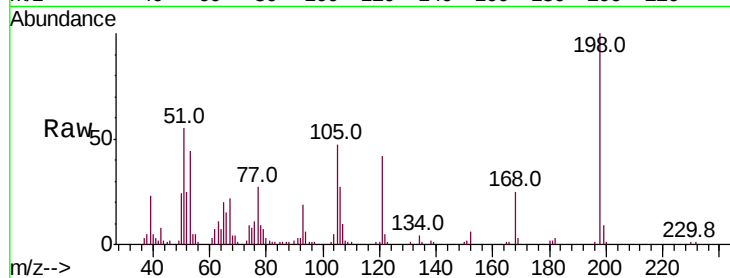
51 54.7 22.8 62.8

105 47.3 23.6 63.6

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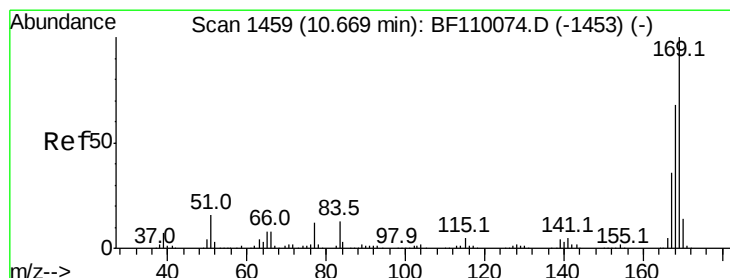
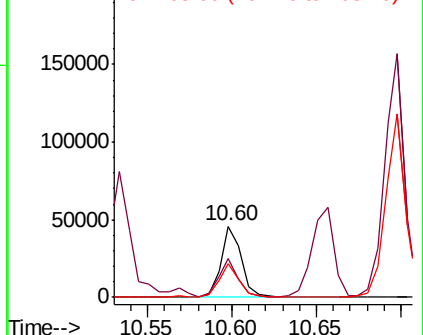
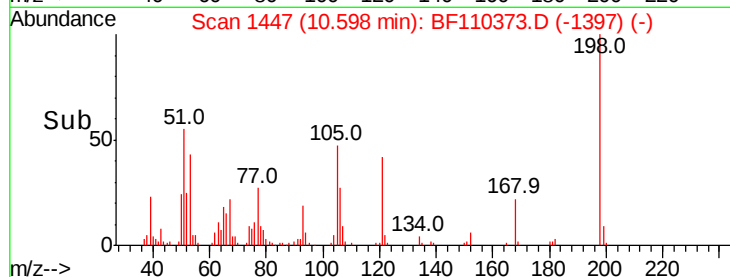
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Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF1

Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 44.619 ng

RT: 10.66 min Scan# 1457

Delta R.T. 0.00 min

Lab File: BF110373.D

Acq: 1 Nov 2018 17:50

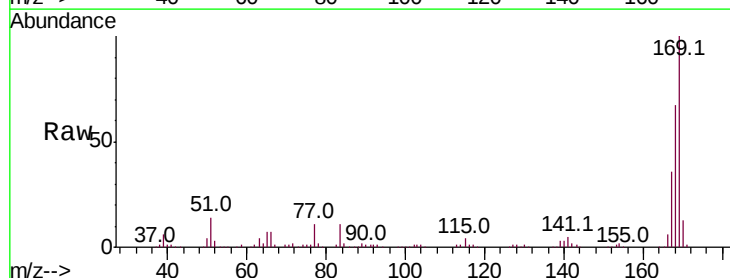
Tgt Ion:169 Resp: 361725

Ion Ratio Lower Upper

169 100

168 67.3 51.2 76.8

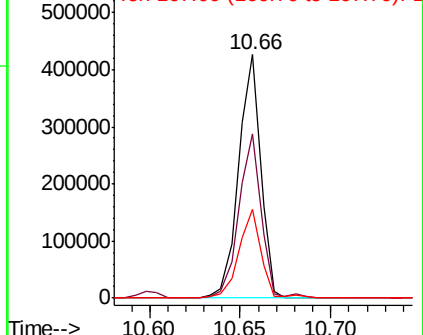
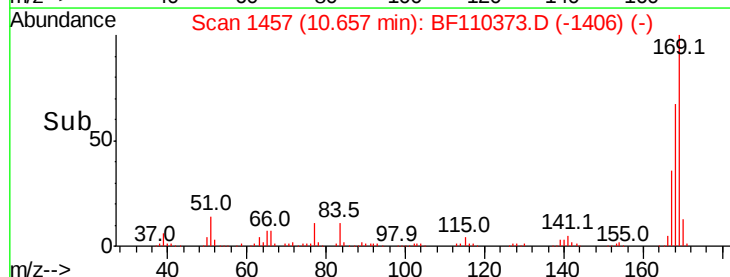
167 36.2 27.8 41.6

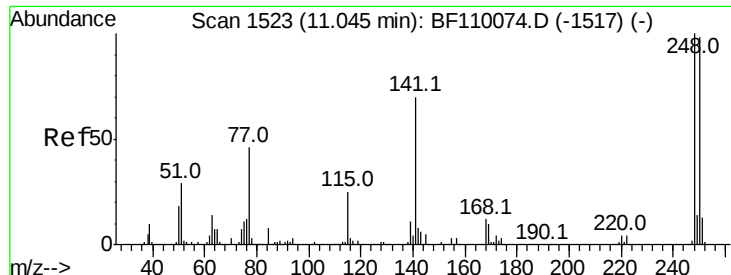


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E





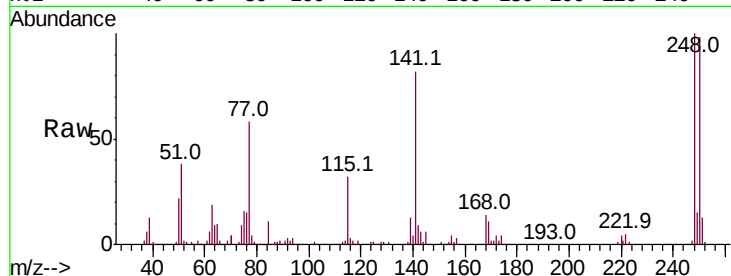
#67
 4-Bromophenyl-phenylether
 Concen: 43.177 ng
 RT: 11.03 min Scan# 1520
 Delta R.T. 0.00 min
 Lab File: BF110373.D
 Acq: 1 Nov 2018 17:50

Instrument :
 BNA_F
 ClientSampleId :
 PB114382BS

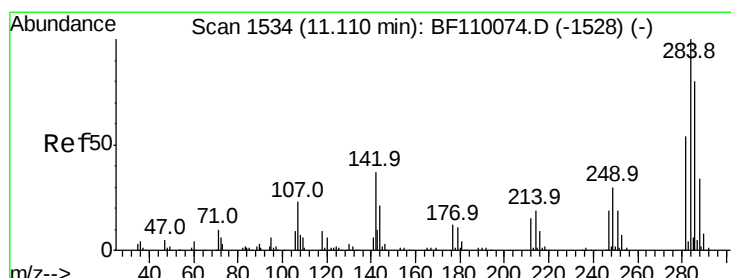
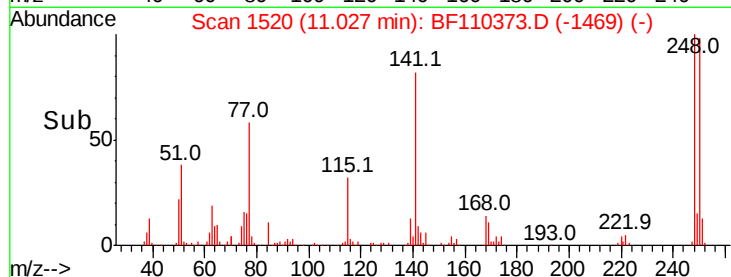
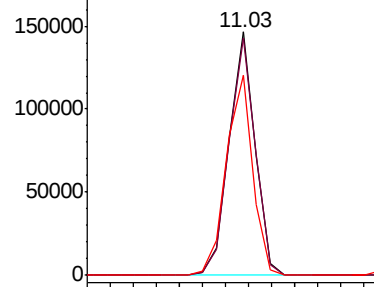
Tot Ion:	248	Resp:	115758
Ion Ratio	Lower	Upper	
248	100		
250	97.6	79.4	119.2
141	82.2	55.9	83.9

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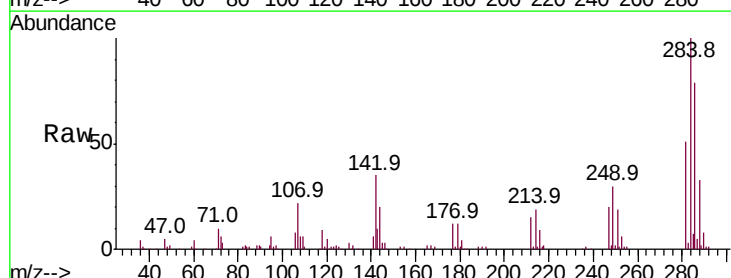


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

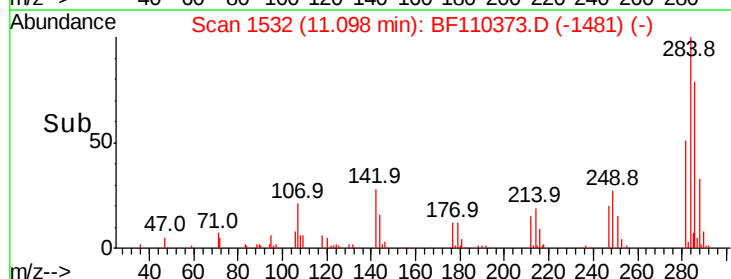
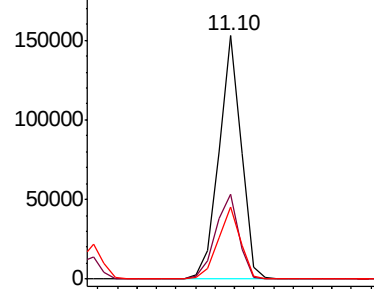


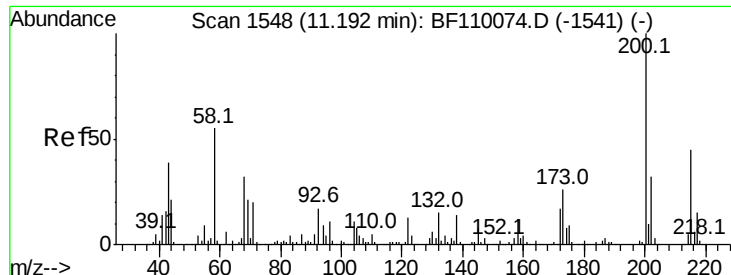
#68
 Hexachlorobenzene
 Concen: 42.432 ng
 RT: 11.10 min Scan# 1532
 Delta R.T. 0.00 min
 Lab File: BF110373.D
 Acq: 1 Nov 2018 17:50

Tgt Ion:	284	Resp:	120705
Ion Ratio	Lower	Upper	
284	100		
142	35.1	23.9	35.9
249	29.9	24.2	36.2



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





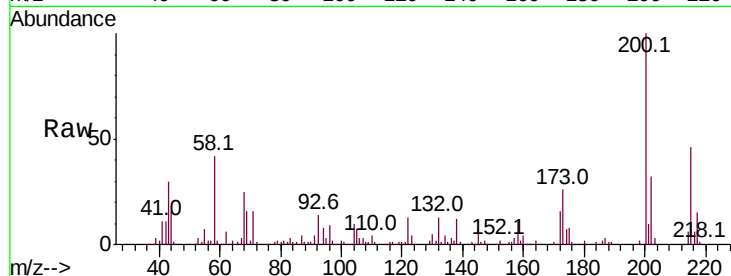
#69
Atrazine
Concen: 44.857 ng
RT: 11.18 min Scan# 1546
Delta R.T. 0.00 min
Lab File: BF110373.D
Acq: 1 Nov 2018 17:50

Instrument :
BNA_F
ClientSampleId :
PB114382BS

Tot Ion	Ratio	Resp	Lower	Upper
200	100			
173	25.5	6.6	46.6	
215	45.7	26.3	66.3	

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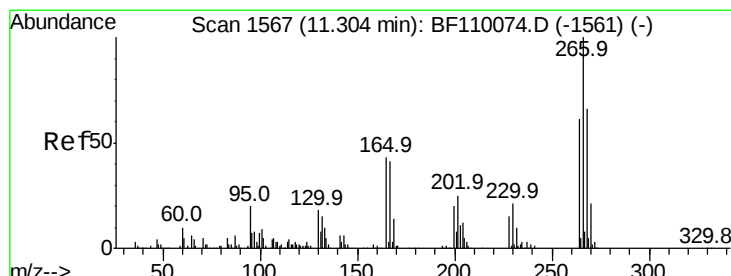
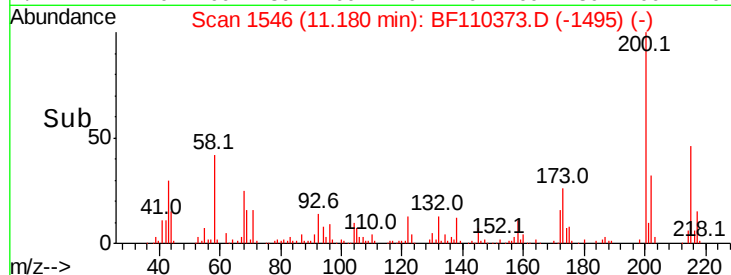
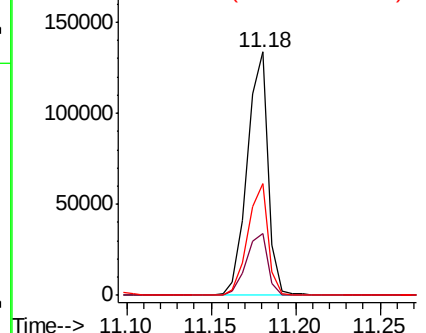


Abundance

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: 58.490 ng
RT: 11.29 min Scan# 1565
Delta R.T. 0.00 min
Lab File: BF110373.D
Acq: 1 Nov 2018 17:50

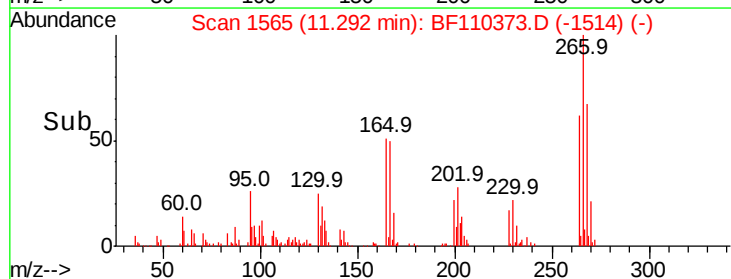
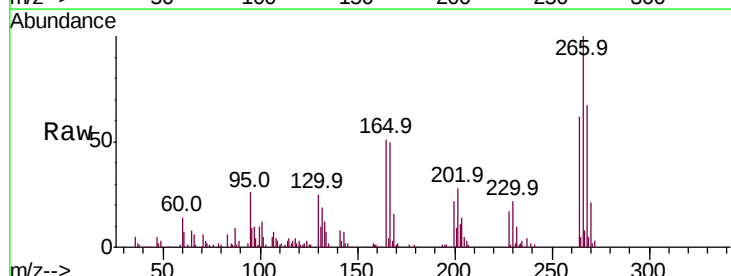
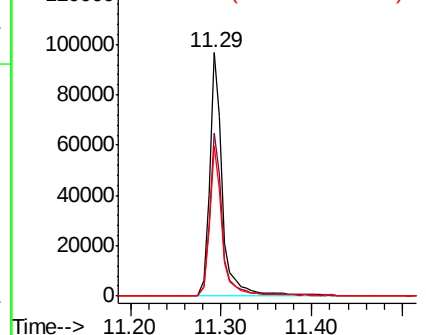
Tgt Ion	Ratio	Resp	Lower	Upper
266	100			
268	66.8	50.6	75.8	
264	61.9	50.6	75.8	

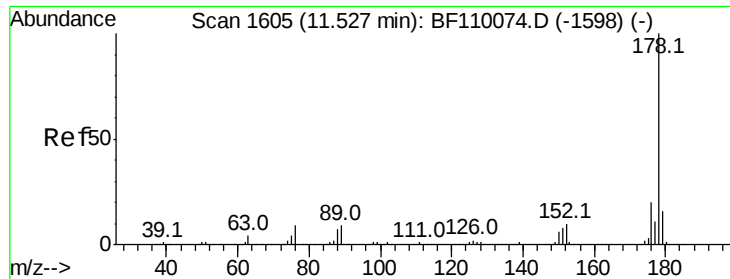
Abundance

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





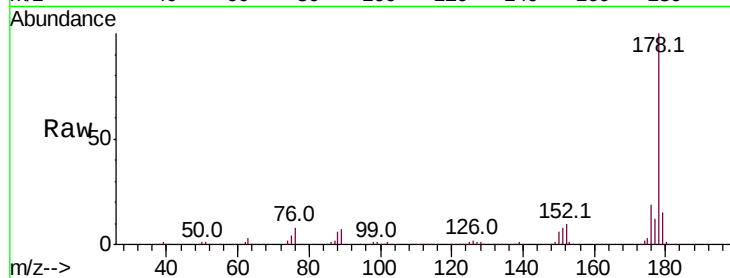
#71
Phenanthrene
Concen: 44.156 ng
RT: 11.52 min Scan# 1603
Delta R.T. 0.00 min
Lab File: BF110373.D
Acq: 1 Nov 2018 17:50

Instrument :
BNA_F
ClientSampleId :
PB114382BS

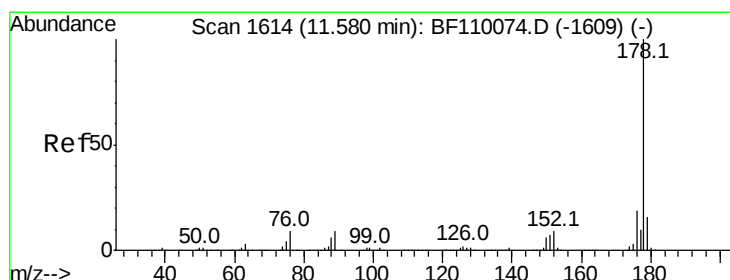
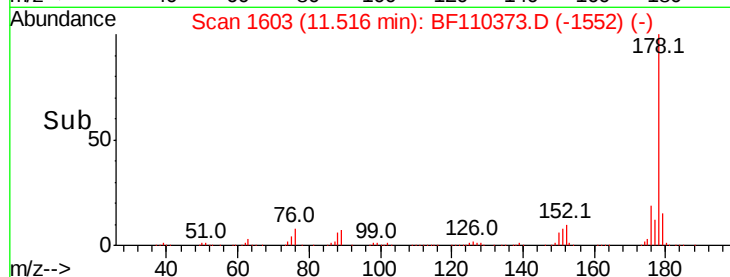
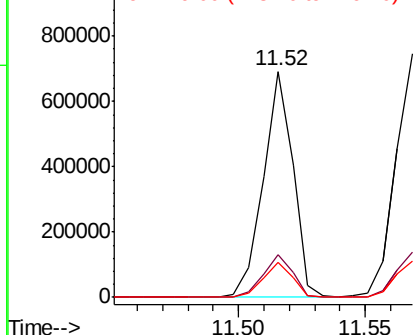
Tot Ion	Ratio	Lower	Upper
178	100		
176	19.0	15.5	23.3
179	15.5	12.5	18.7

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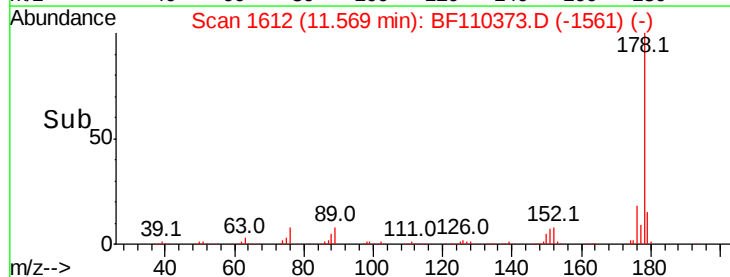
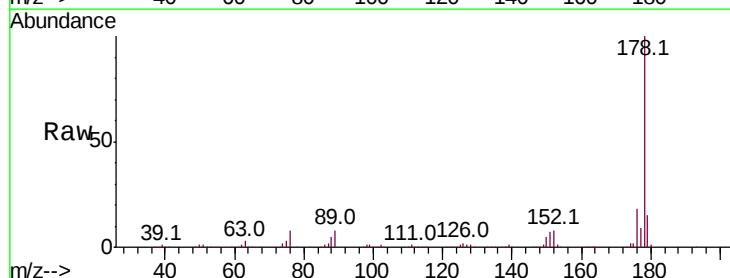
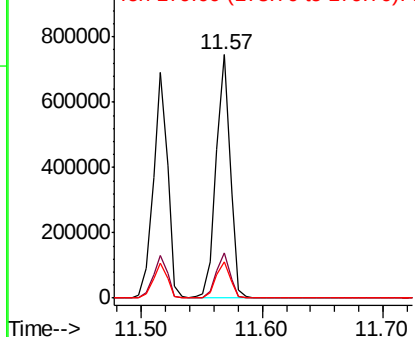
Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E

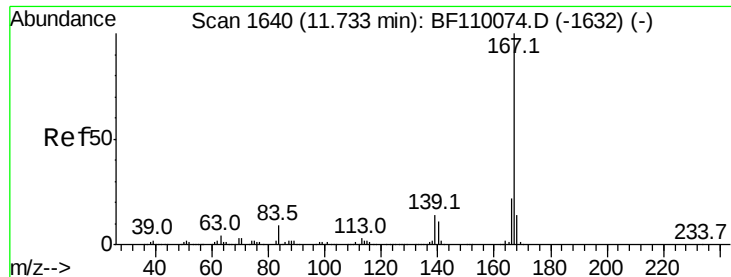


#72
Anthracene
Concen: 46.027 ng
RT: 11.57 min Scan# 1612
Delta R.T. 0.00 min
Lab File: BF110373.D
Acq: 1 Nov 2018 17:50

Tgt Ion	Ratio	Lower	Upper
178	100		
176	18.5	15.4	23.2
179	14.8	12.6	18.8

Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E





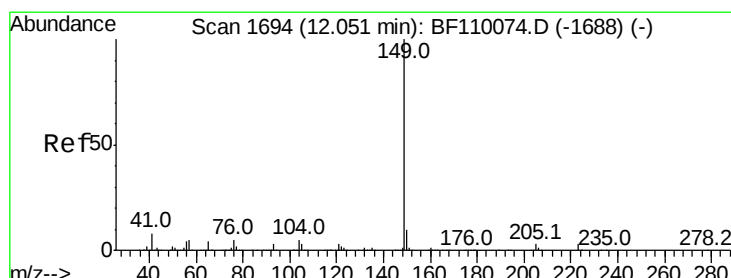
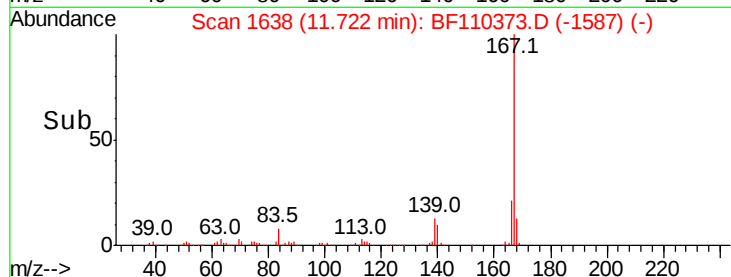
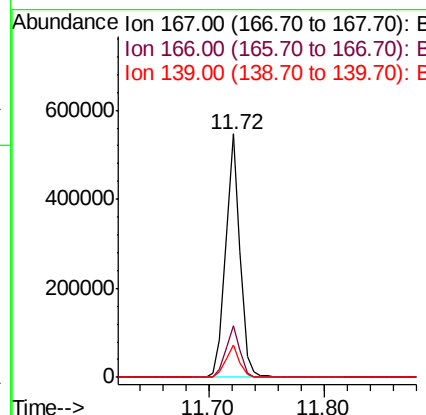
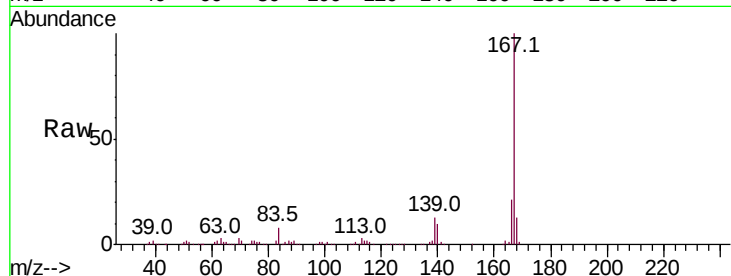
#73
 Carbazole
 Concen: 37.120 ng
 RT: 11.72 min Scan# 1638
 Delta R.T. 0.00 min
 Lab File: BF110373.D
 Acq: 1 Nov 2018 17:50

Instrument :
 BNA_F
 ClientSampleId :
 PB114382BS

Tot Ion	Ratio	Lower	Upper
167	100		
166	21.2	17.4	26.0
139	13.2	10.9	16.3

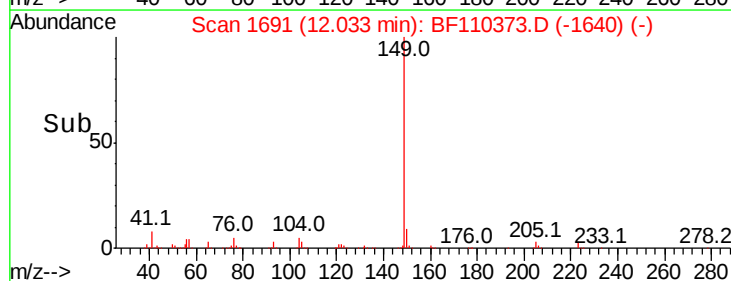
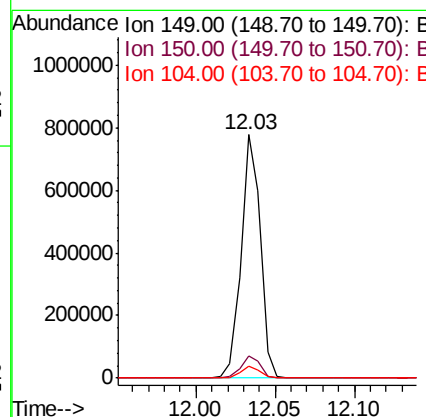
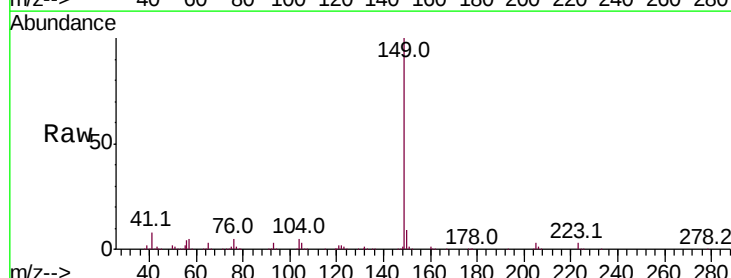
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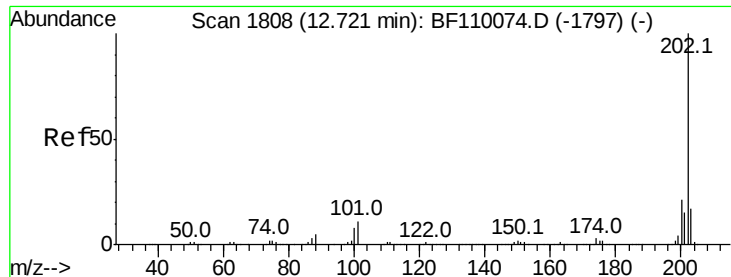
Sohil
 11/2/2018 2:48:44 PM



#74
 Di-n-butylphthalate
 Concen: 45.440 ng
 RT: 12.03 min Scan# 1691
 Delta R.T. 0.00 min
 Lab File: BF110373.D
 Acq: 1 Nov 2018 17:50

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.1	7.7	11.5
104	5.0	4.2	6.4





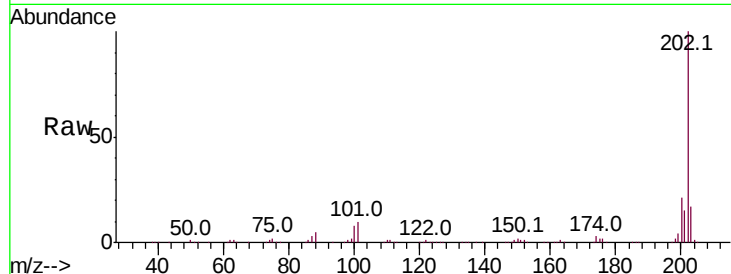
#75
Fluoranthene
 Concen: 38.105 ng
 RT: 12.71 min Scan# 1806
 Delta R.T. 0.00 min
 Lab File: BF110373.D
 Acq: 1 Nov 2018 17:50

Instrument :
 BNA_F
 ClientSampleId :
 PB114382BS

Tot Ion	Ratio	Resp Lower	Upper
202	100		
101	9.8	0.0	31.4
203	17.2	0.0	37.7

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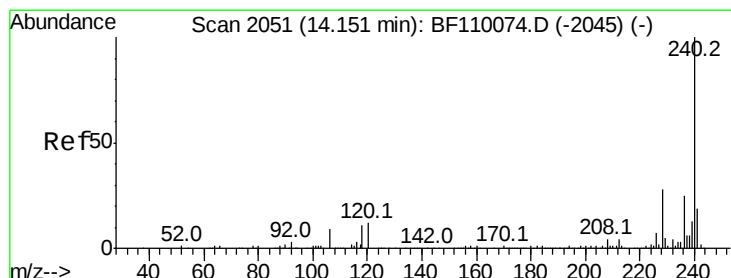
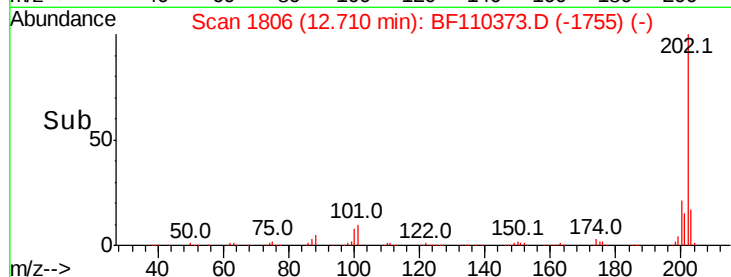
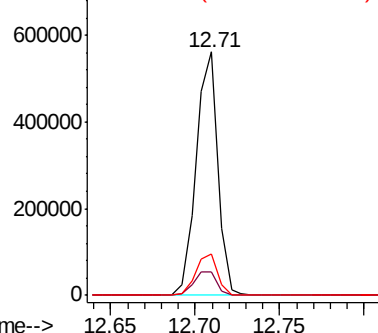


Abundance

Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76
Chrysene-d12
 Concen: 20.000 ng
 RT: 14.14 min Scan# 2050
 Delta R.T. 0.01 min
 Lab File: BF110373.D
 Acq: 1 Nov 2018 17:50

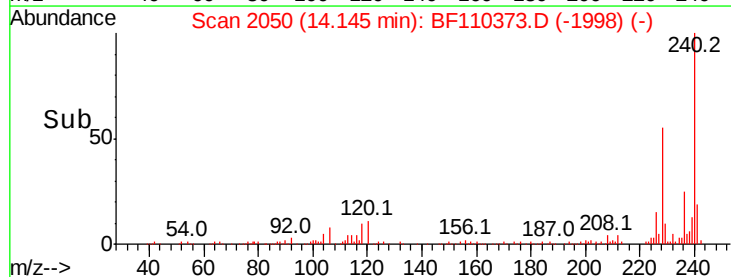
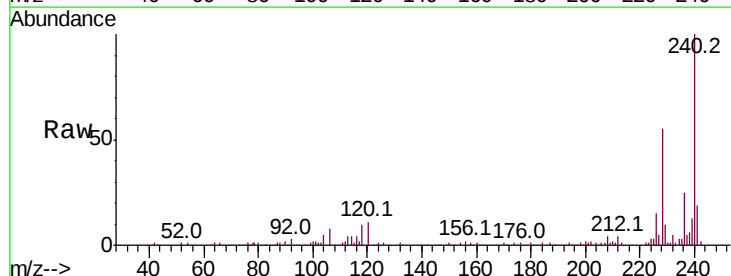
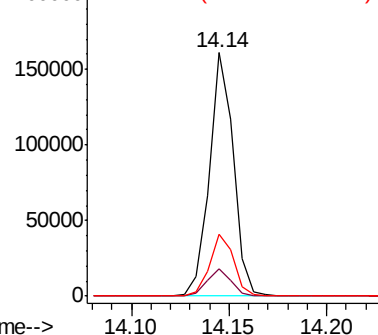
Tgt Ion	Ratio	Resp Lower	Upper
240	100		
120	11.2	8.3	12.5
236	25.5	21.2	31.8

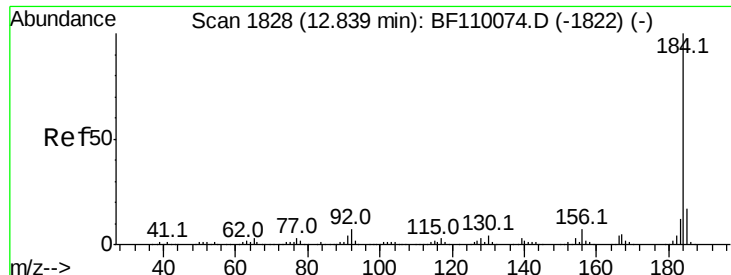
Abundance

Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: Below Cal

RT: 12.82 min Scan# 1825

Delta R.T. -0.01 min

Lab File: BF110373.D

Acq: 1 Nov 2018 17:50

Instrument :

BNA_F

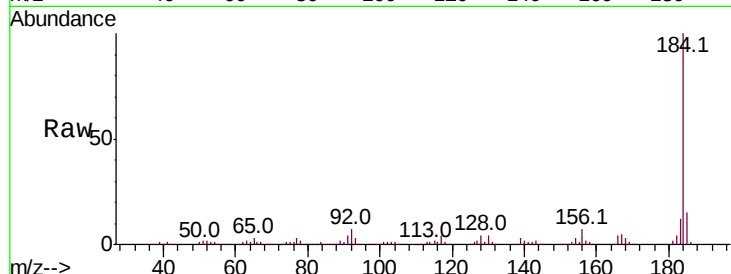
ClientSampleId :

PB114382BS

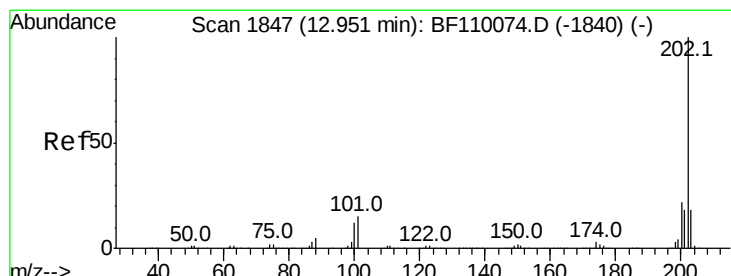
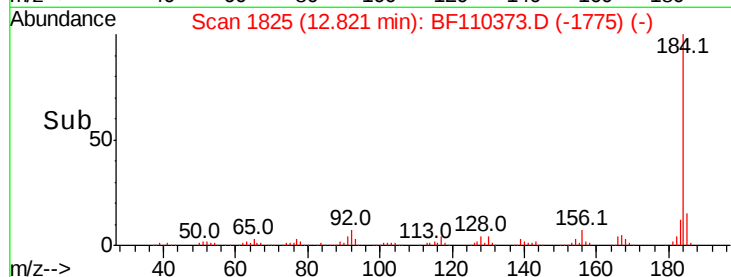
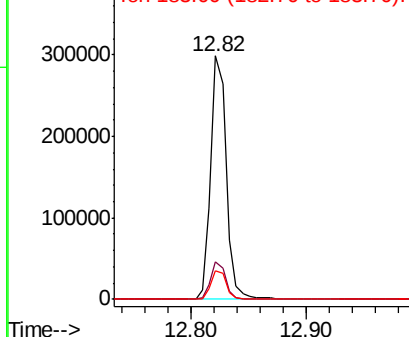
Tot Ion:	184	Resp:	280407
Ion Ratio	Lower	Upper	
184	100		
185	15.3	13.4	20.2
183	12.0	9.4	14.2

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Abundance Ion 184.00 (183.70 to 184.70): E
Ion 185.00 (184.70 to 185.70): E
Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 48.360 ng

RT: 12.94 min Scan# 1845

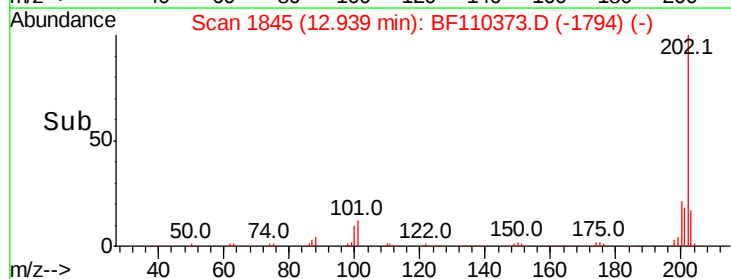
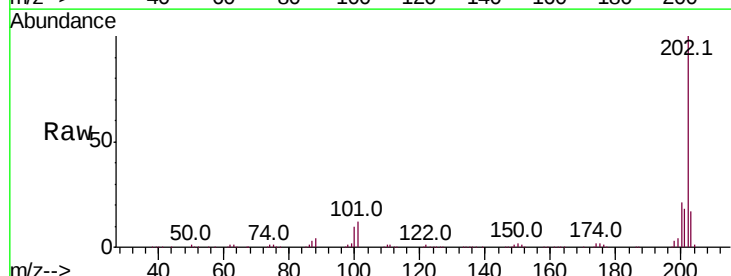
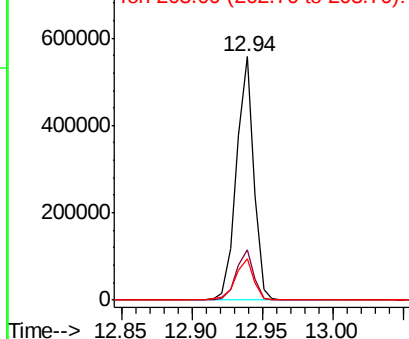
Delta R.T. 0.00 min

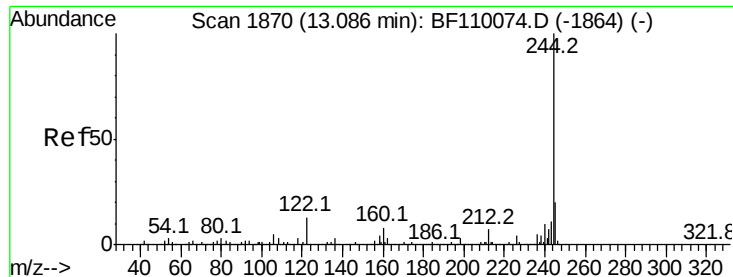
Lab File: BF110373.D

Acq: 1 Nov 2018 17:50

Tgt Ion:	202	Resp:	475199
Ion Ratio	Lower	Upper	
202	100		
200	20.8	17.8	26.6
203	16.9	14.2	21.4

Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E





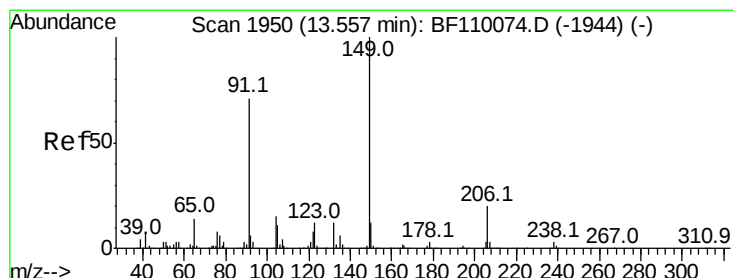
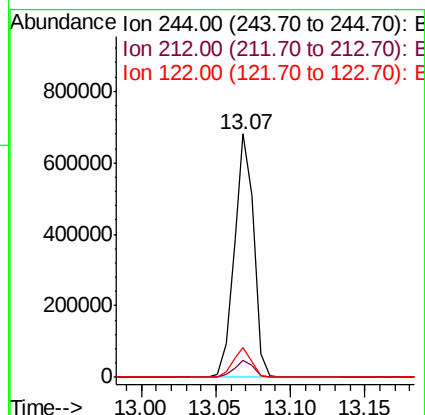
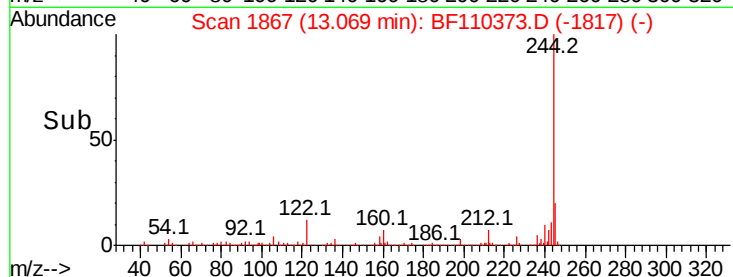
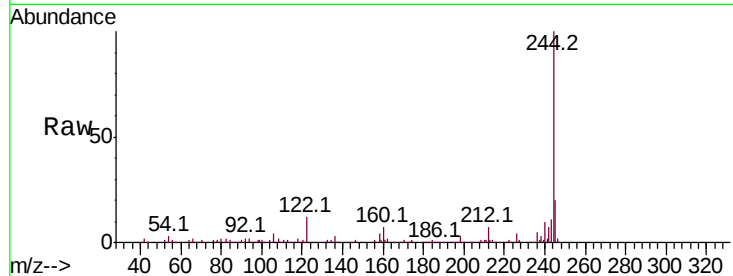
#79
 Terphenyl-d14
 Concen: 94.030 ng
 RT: 13.07 min Scan# 1867
 Delta R.T. -0.01 min
 Lab File: BF110373.D
 Acq: 1 Nov 2018 17:50

Instrument :
 BNA_F
 ClientSampleId :
 PB114382BS

Tot Ion:	244	Resp:	619705
Ion Ratio		Lower	Upper
244	100		
212	6.9	5.8	8.8
122	12.2	8.7	13.1

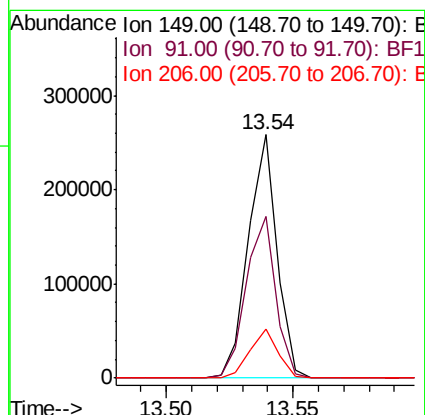
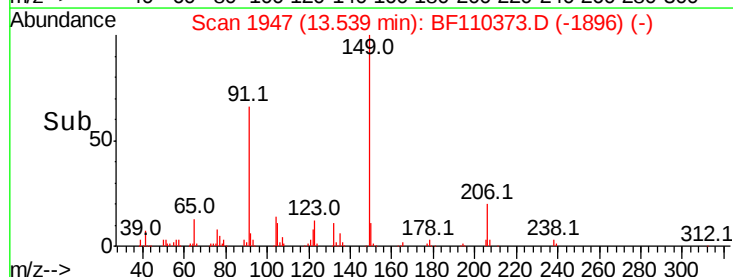
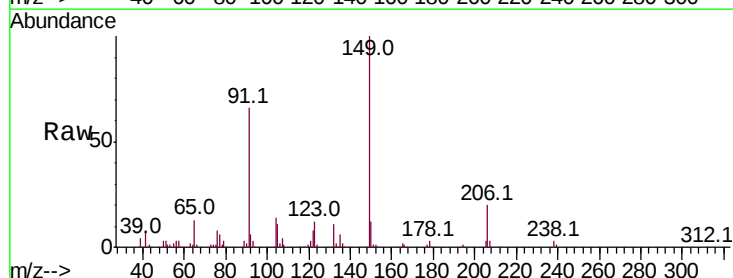
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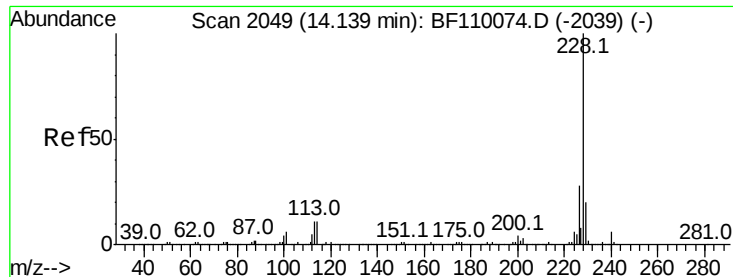
Sohil
 11/2/2018 2:48:44 PM



#80
 Butylbenzylphthalate
 Concen: 47.728 ng
 RT: 13.54 min Scan# 1947
 Delta R.T. 0.00 min
 Lab File: BF110373.D
 Acq: 1 Nov 2018 17:50

Tgt Ion:	149	Resp:	203560
Ion Ratio		Lower	Upper
149	100		
91	66.3	57.2	85.8
206	20.3	15.7	23.5





#81

Benzo(a)anthracene

Concen: 45.640 ng

RT: 14.13 min Scan# 2048

Delta R.T. 0.01 min

Lab File: BF110373.D

Acq: 1 Nov 2018 17:50

Instrument :

BNA_F

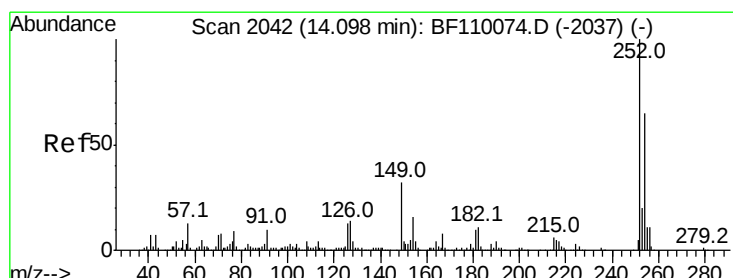
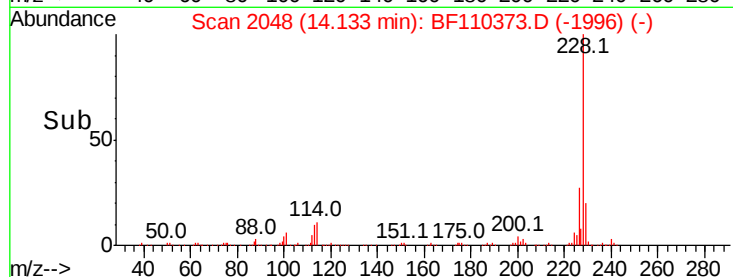
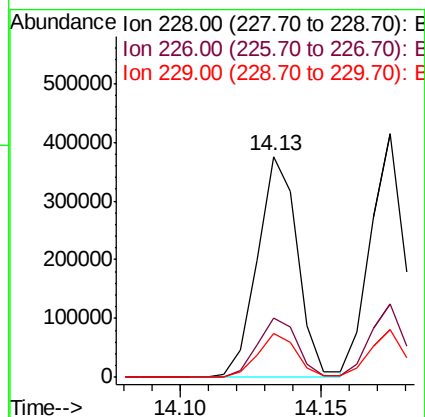
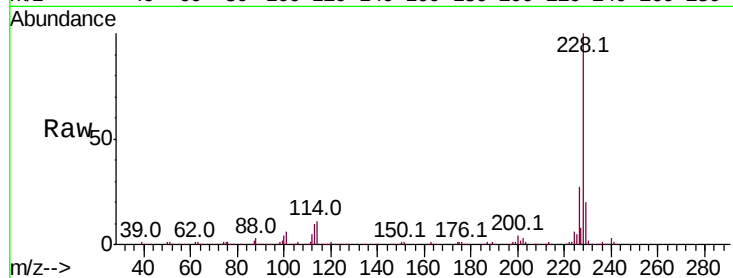
ClientSampled :

PB114382BS

Tot Ion	Ratio	Resp	Lower	Upper
228	100	370970		
226	26.9		22.1	33.1
229	20.1		15.6	23.4

Manual Integrations
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#82

3,3'-Dichlorobenzidine

Concen: 30.711 ng

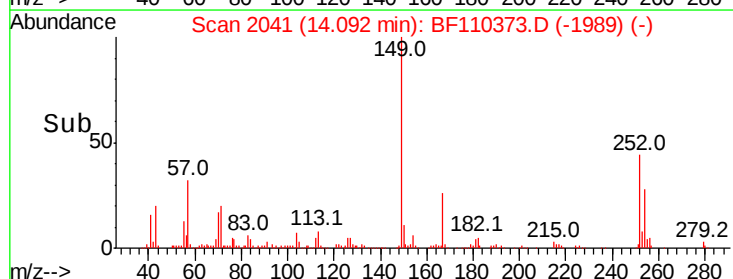
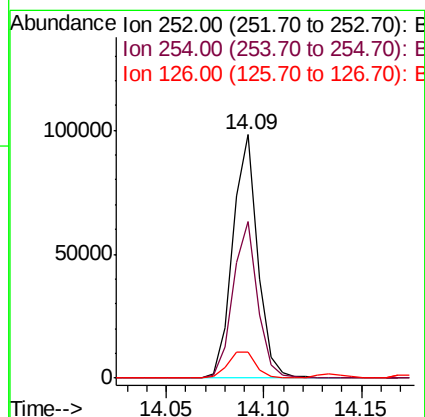
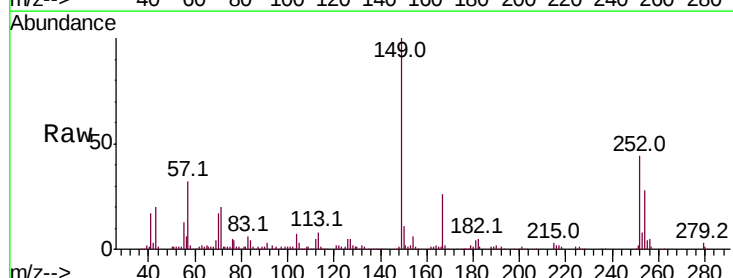
RT: 14.09 min Scan# 2041

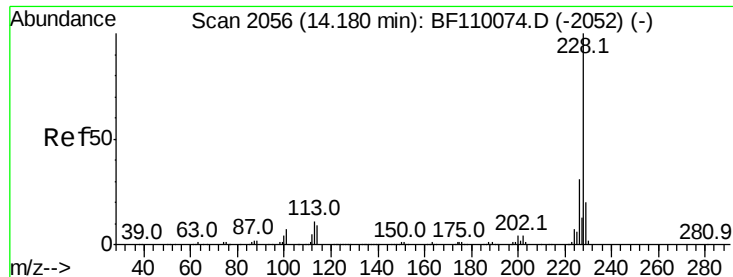
Delta R.T. 0.01 min

Lab File: BF110373.D

Acq: 1 Nov 2018 17:50

Tgt Ion	Ratio	Resp	Lower	Upper
252	100	86922		
254	64.1		51.3	76.9
126	10.9		9.4	14.2





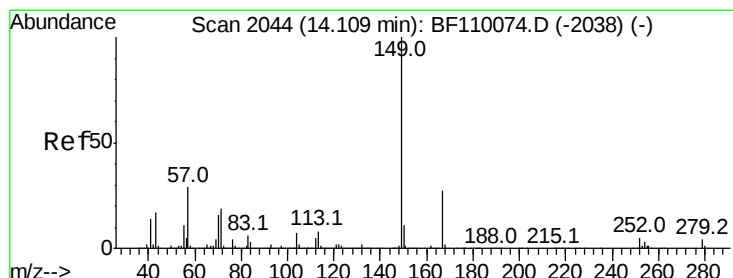
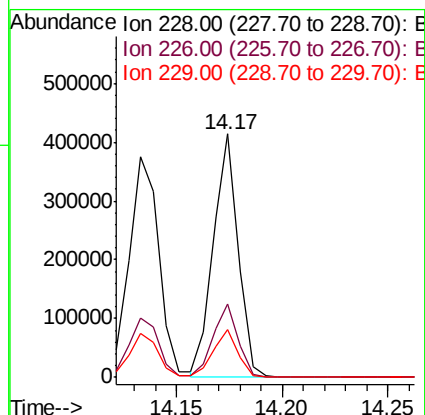
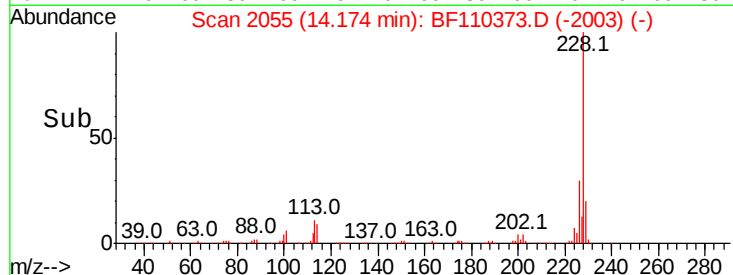
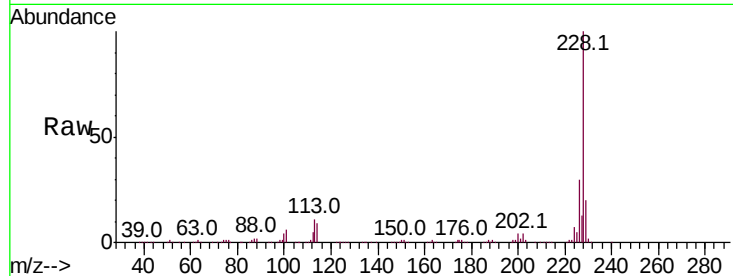
#83
 Chrvsene
 Concen: 44.304 ng
 RT: 14.17 min Scan# 2055
 Delta R.T. 0.01 min
 Lab File: BF110373.D
 Acq: 1 Nov 2018 17:50

Instrument :
 BNA_F
 ClientSampleId :
 PB114382BS

Tot Ion:	228	Resp:	342032
Ion Ratio	Lower	Upper	
228	100		
226	29.9	24.7	37.1
229	19.7	15.9	23.9

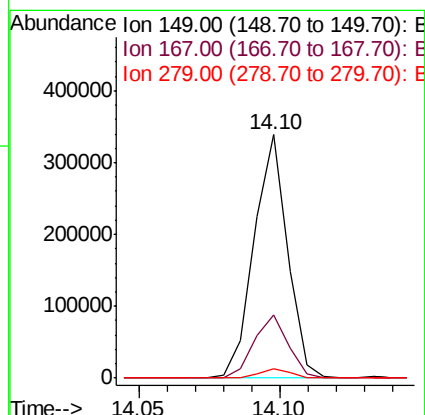
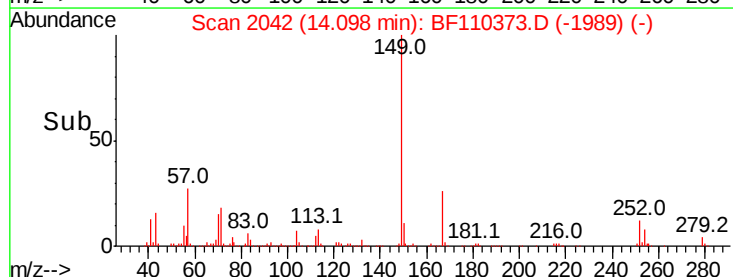
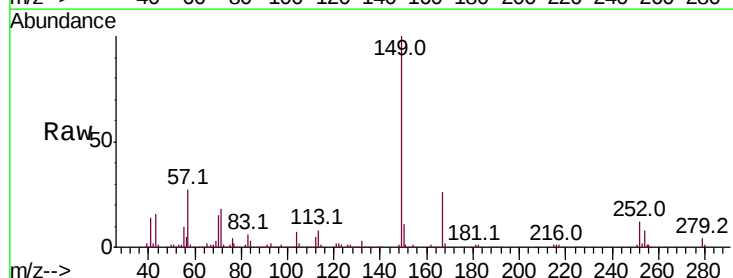
Manual Integrations
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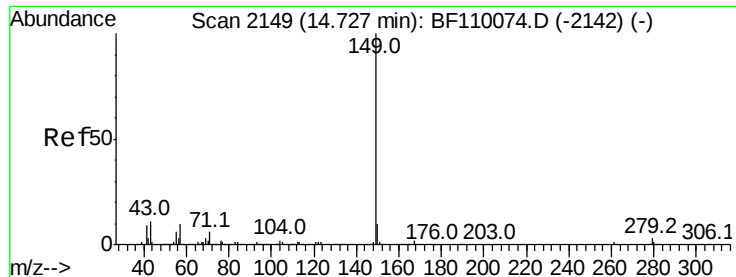
Sohil
 11/2/2018 2:48:44 PM



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 48.397 ng
 RT: 14.10 min Scan# 2042
 Delta R.T. 0.01 min
 Lab File: BF110373.D
 Acq: 1 Nov 2018 17:50

Tgt Ion:	149	Resp:	279028
Ion Ratio	Lower	Upper	
149	100		
167	26.2	19.8	29.8
279	3.7	2.7	4.1





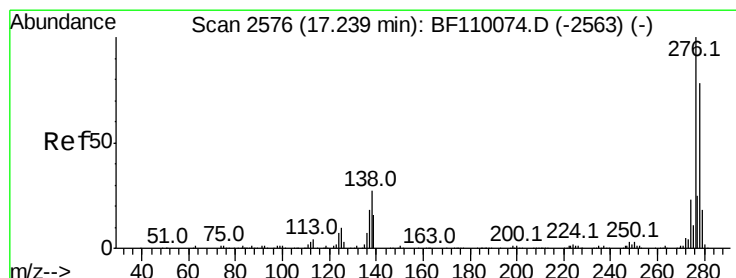
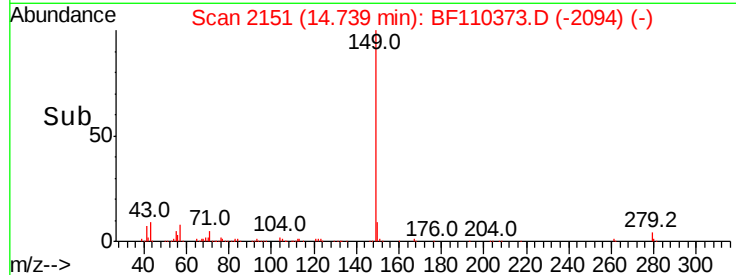
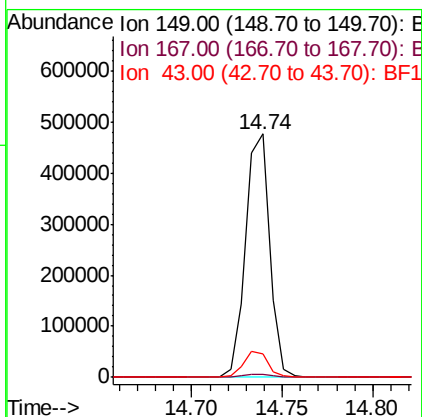
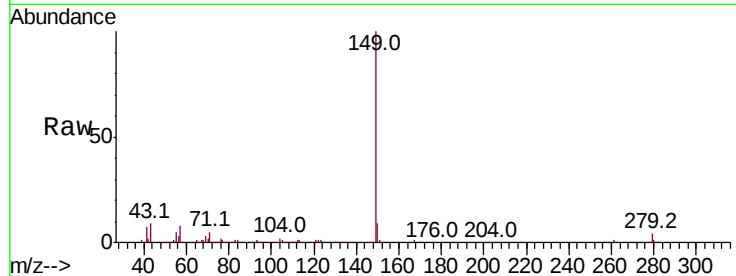
#85
Di-n-octyl phthalate
Concen: 49.158 ng
RT: 14.74 min Scan# 2151
Delta R.T. 0.04 min
Lab File: BF110373.D
Acq: 1 Nov 2018 17:50

Instrument :
BNA_F
ClientSampleId :
PB114382BS

Tot Ion	Ratio	Resp	Lower	Upper
149	100			
167	1.5	1.1	1.7	
43	10.4	7.8	11.8	

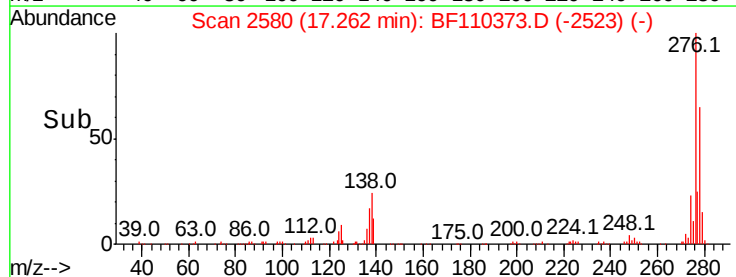
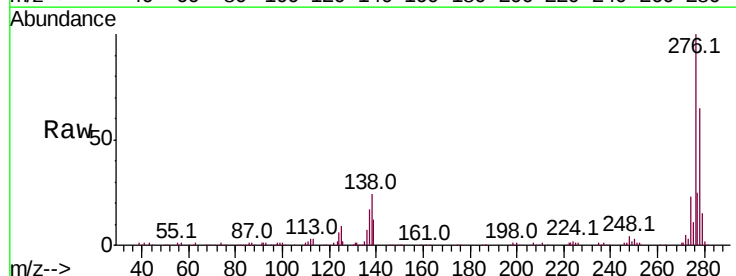
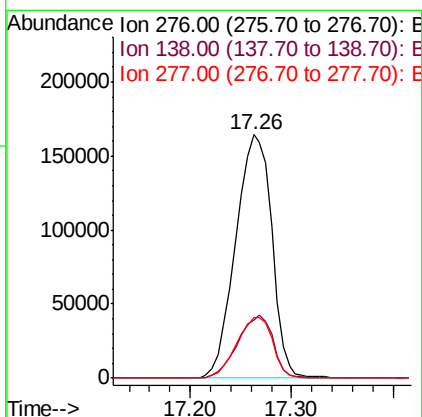
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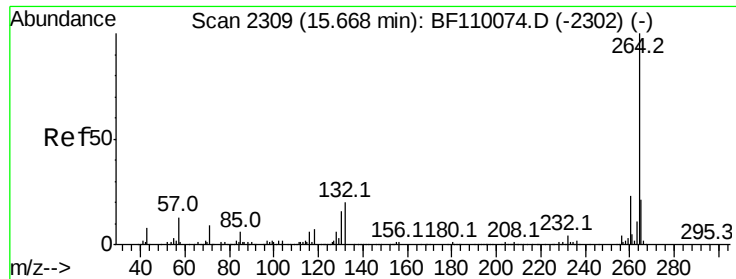
Sohil
11/2/2018 2:48:44 PM



#86
Indeno(1,2,3-cd)pyrene
Concen: 63.473 ng
RT: 17.26 min Scan# 2580
Delta R.T. 0.04 min
Lab File: BF110373.D
Acq: 1 Nov 2018 17:50

Tgt Ion	Ratio	Resp	Lower	Upper
276	100			
138	25.2	18.5	27.7	
277	25.1	20.0	30.0	





#87

Pervlene-d12

Concen: 20.000 ng

RT: 15.69 min Scan# 2313

Delta R.T. 0.04 min

Lab File: BF110373.D

Acq: 1 Nov 2018 17:50

Instrument :

BNA_F

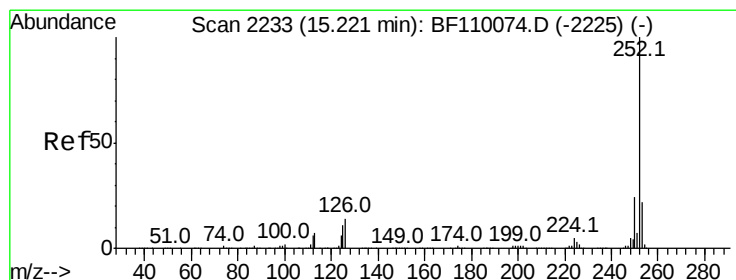
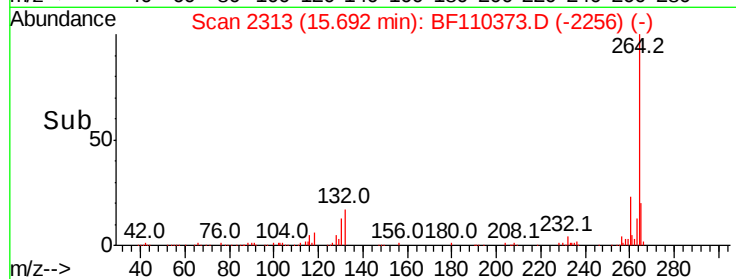
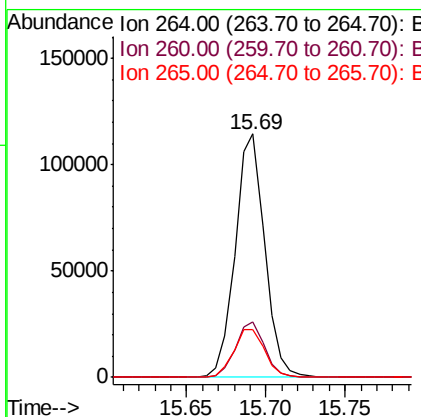
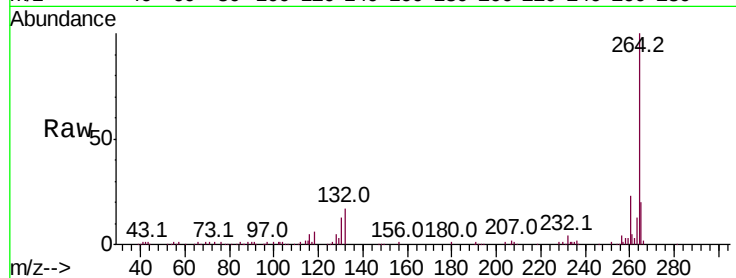
ClientSampleId :

PB114382BS

Tot Ion:	264	Resp:	146871
Ion Ratio	Lower	Upper	
264	100		
260	23.0	18.7	28.1
265	19.7	16.7	25.1

Manual Integrations
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#88

Benzo(b)fluoranthene

Concen: 43.702 ng

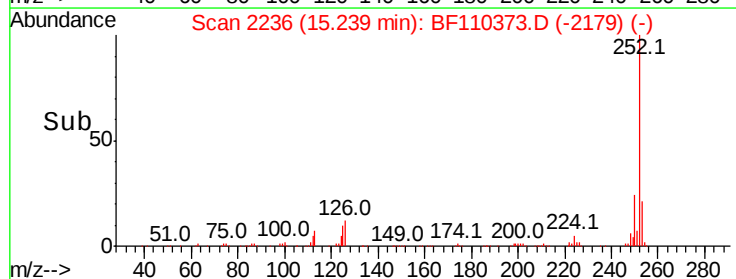
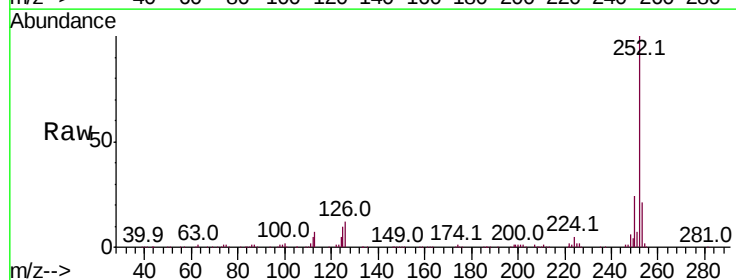
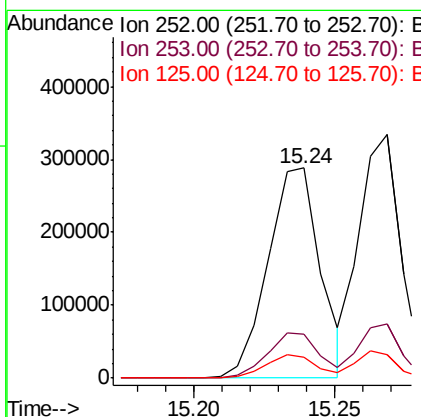
RT: 15.24 min Scan# 2236

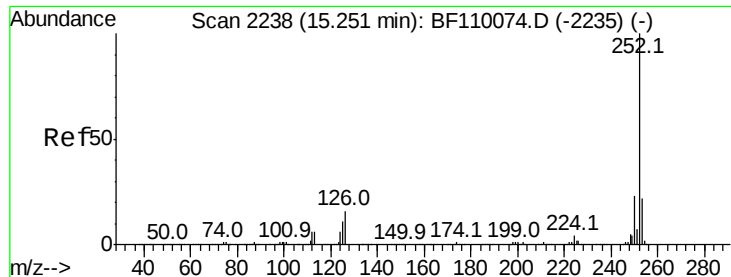
Delta R.T. 0.04 min

Lab File: BF110373.D

Acq: 1 Nov 2018 17:50

Tgt Ion:	252	Resp:	370646
Ion Ratio	Lower	Upper	
252	100		
253	21.2	17.2	25.8
125	10.2	8.2	12.4





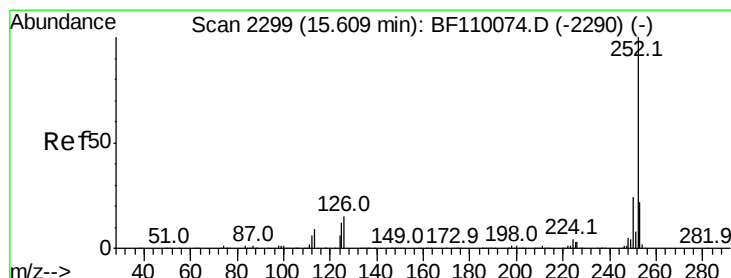
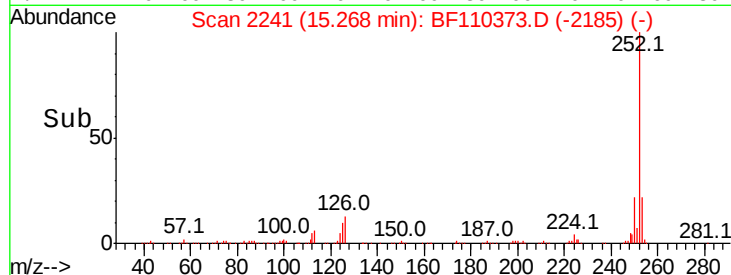
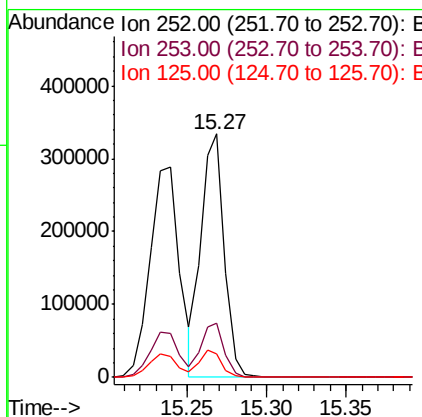
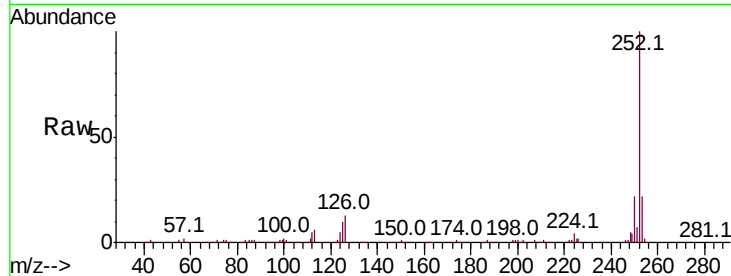
#89
Benzo(k)fluoranthene
Concen: 41.280 ng
RT: 15.27 min Scan# 2241
Delta R.T. 0.03 min
Lab File: BF110373.D
Acq: 1 Nov 2018 17:50

Instrument :
BNA_F
ClientSampleId :
PB114382BS

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.1	17.2	25.8
125	9.8	7.4	11.0

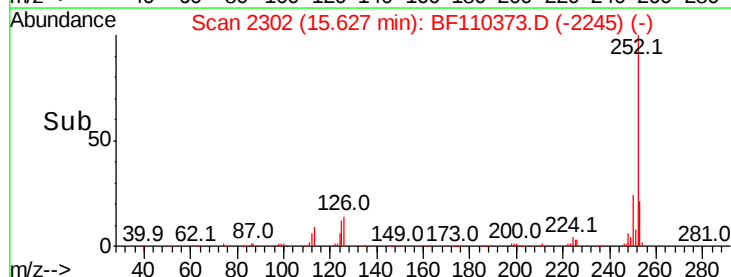
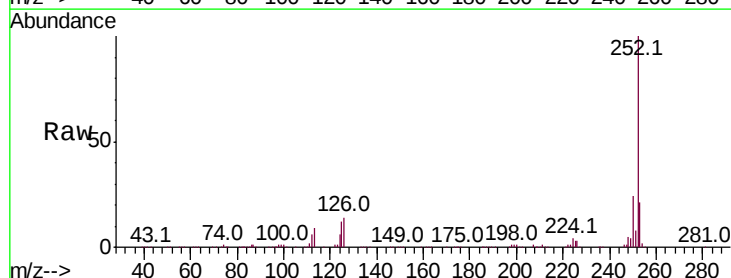
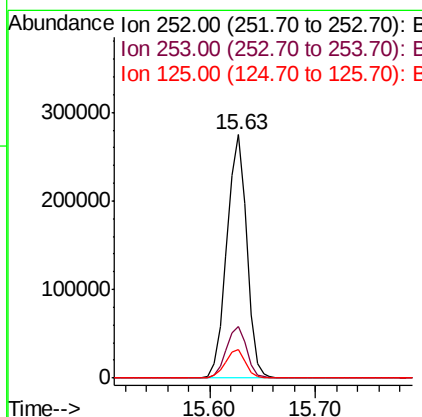
Manual Integrations
APPROVED

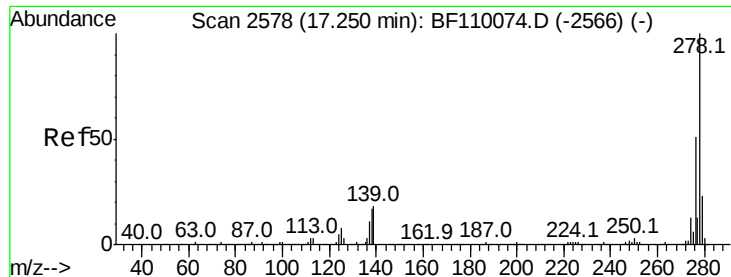
Sohil
11/2/2018 2:48:44 PM



#90
Benzo(a)pyrene
Concen: 46.003 ng
RT: 15.63 min Scan# 2302
Delta R.T. 0.04 min
Lab File: BF110373.D
Acq: 1 Nov 2018 17:50

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.4	18.2	27.4
125	11.7	9.0	13.6





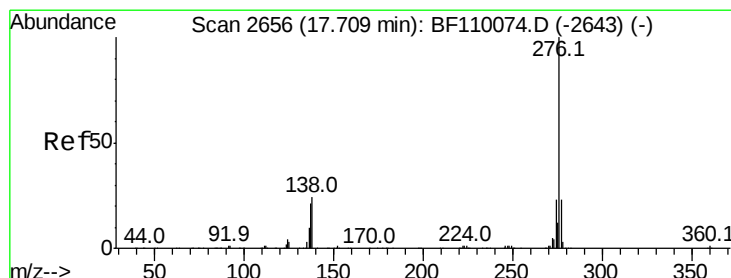
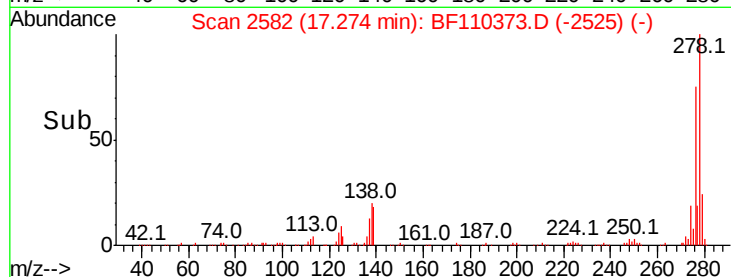
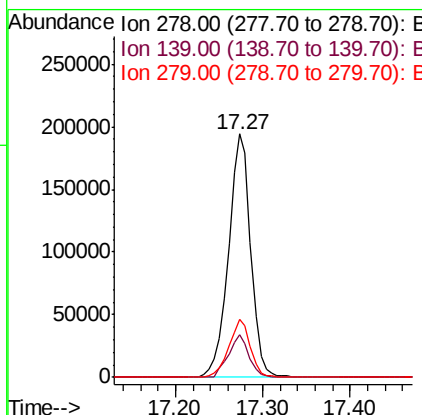
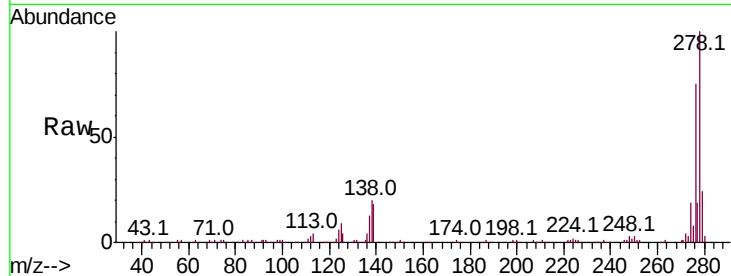
#91
Dibenzo(a,h)anthracene
Concen: 49.859 ng
RT: 17.27 min Scan# 2582
Delta R.T. 0.04 min
Lab File: BF110373.D
Acq: 1 Nov 2018 17:50

Instrument :
BNA_F
ClientSampled :
PB114382BS

Tot Ion	Ratio	Lower	Upper
278	100		
139	17.6	12.7	19.1
279	24.1	19.0	28.4

Manual Integrations
APPROVED

Sohil
11/2/2018 2:48:44 PM



#92
Benzo(g,h,i)perylene
Concen: 48.753 ng
RT: 17.74 min Scan# 2661
Delta R.T. 0.04 min
Lab File: BF110373.D
Acq: 1 Nov 2018 17:50

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.3	18.8	28.2
138	21.0	16.0	24.0

