

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF110218\
 Data File : BF110451.D
 Acq On : 3 Nov 2018 10:20
 Operator : JU/SJ
 Sample : PB114423BS
 Misc :
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB114423BS

Manual Integrations
 APPROVED

Sohil
 11/5/2018 10:32:59 AM

Quant Time: Nov 05 04:12:55 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	76200	20.00	ng	0.00
21) Naphthalene-d8	8.24	136	287172	20.00	ng	0.00
39) Acenaphthene-d10	10.00	164	117278	20.00	ng	0.00
64) Phenanthrene-d10	11.49	188	190778	20.00	ng	0.00
76) Chrysene-d12	14.13	240	119586	20.00	ng	0.00
87) Perylene-d12	15.66	264	87614	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.59	112	432318	92.39	ng	0.01
7) Phenol-d6	6.58	99	537428	89.79	ng	0.00
23) Nitrobenzene-d5	7.52	82	483019	99.76	ng	0.00
42) 2,4,6-Tribromophenol	10.79	330	98035	84.39	ng	0.00
45) 2-Fluorobiphenyl	9.31	172	855038	114.48	ng	0.00
79) Terphenyl-d14	13.07	244	663087	115.32	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.88	88	73985	30.178	ng	89
3) Pyridine	3.65	79	212507	38.917	ng	87
4) n-Nitrosodimethylamine	3.61	42	107265	46.887	ng	92
6) Aniline	6.62	93	165961	21.286	ng	# 53
8) 2-Chlorophenol	6.74	128	235157	43.590	ng	96
9) Benzaldehyde	6.51	77	153842	46.354	ng	96
10) Phenol	6.60	94	287716	44.972	ng	# 62
11) bis(2-Chloroethyl)ether	6.69	93	213394	40.542	ng	93
12) 1,3-Dichlorobenzene	6.90	146	246348	41.494	ng	97
13) 1,4-Dichlorobenzene	6.97	146	247635	41.242	ng	99
14) 1,2-Dichlorobenzene	7.13	146	234132	42.004	ng	99
15) Benzyl Alcohol	7.09	79	197868	42.984	ng	95
16) 2,2'-oxybis(1-Chloropropan	7.22	45	344589	40.946	ng	70
17) 2-Methylphenol	7.20	107	190423	44.290	ng	# 81
18) Hexachloroethane	7.46	117	76316	34.716	ng	95
19) n-Nitroso-di-n-propylamine	7.36	70	157211	40.943	ng	97
20) 3+4-Methylphenols	7.36	107	238062	42.836	ng	# 81
22) Acetophenone	7.36	105	318175	48.084	ng	# 94
24) Nitrobenzene	7.54	77	237851	47.583	ng	95
25) Isophorone	7.77	82	424459	51.430	ng	96
26) 2-Nitrophenol	7.86	139	96845	40.714	ng	92
27) 2,4-Dimethylphenol	7.89	122	206645	52.399	ng	97
28) bis(2-Chloroethoxy)methane	7.98	93	272860	48.668	ng	99
29) 2,4-Dichlorophenol	8.09	162	182572	45.823	ng	98
30) 1,2,4-Trichlorobenzene	8.18	180	201081	45.056	ng	92
31) Naphthalene	8.26	128	644222	48.674	ng	99
32) Benzoic acid	7.99	122	68903	22.606	ng	94
33) 4-Chloroaniline	8.31	127	84817	14.239	ng	98
34) Hexachlorobutadiene	8.37	225	113156	45.665	ng	98
35) Caprolactam	8.68	113	55256m	39.790	ng	
36) 4-Chloro-3-methylphenol	8.79	107	190016	44.103	ng	93
37) 2-Methylnaphthalene	8.95	142	434452	49.612	ng	98
38) 1-Methylnaphthalene	9.05	142	400543	47.332	ng	100
40) 1,2,4,5-Tetrachlorobenzene	9.12	216	182243	49.873	ng	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	9.10	237	28800	15.414	nq	98
43) 2,4,6-Trichlorophenol	9.23	196	111417	47.273	nq	96
44) 2,4,5-Trichlorophenol	9.27	196	117984	47.358	nq	96
46) 1,1'-Biphenyl	9.42	154	511657	48.245	nq	99
47) 2-Chloronaphthalene	9.45	162	371354	47.736	nq	99
48) 2-Nitroaniline	9.54	65	121966	51.738	nq	97
49) Acenaphthylene	9.86	152	569324	50.669	nq	99
50) Dimethylphthalate	9.71	163	453521	52.387	nq	99
51) 2,6-Dinitrotoluene	9.78	165	83236	44.636	nq	94
52) Acenaphthene	10.03	154	337061	45.345	nq	98
53) 3-Nitroaniline	9.95	138	91256	41.151	nq	94
54) 2,4-Dinitrophenol	10.07	184	6157	12.956	nq	86
55) Dibenzofuran	10.20	168	485152	46.617	nq	97
56) 4-Nitrophenol	10.12	139	162290	98.880	nq	94
57) 2,4-Dinitrotoluene	10.19	165	99733	42.106	nq	92
58) Fluorene	10.55	166	377352	48.719	nq	99
59) 2,3,4,6-Tetrachlorophenol	10.32	232	84917	41.818	nq	# 93
60) Diethylphthalate	10.41	149	426376	50.454	nq	99
61) 4-Chlorophenyl-phenylether	10.53	204	184143	45.067	nq	100
62) 4-Nitroaniline	10.57	138	94499	42.845	nq	90
63) Azobenzene	10.69	77	381650	45.498	nq	98
65) 4,6-Dinitro-2-methylphenol	10.60	198	5931	6.805	nq	85
66) n-Nitrosodiphenylamine	10.65	169	326357	52.154	nq	97
67) 4-Bromophenyl-phenylether	11.03	248	103487	50.008	nq	96
68) Hexachlorobenzene	11.10	284	103279	47.037	nq	97
69) Atrazine	11.17	200	103823	52.502	nq	98
70) Pentachlorophenol	11.29	266	78820	61.563	nq	96
71) Phenanthrene	11.52	178	508231	50.913	nq	99
72) Anthracene	11.57	178	522928	52.263	nq	98
73) Carbazole	11.72	167	450750	46.138	nq	99
74) Di-n-butylphthalate	12.03	149	592855	53.731	nq	99
75) Fluoranthene	12.70	202	492073	48.571	nq	99
77) Benzidine	12.83	184	306631	Below	Cal	96
78) Pyrene	12.94	202	480525	56.049	nq	98
80) Butylbenzylphthalate	13.53	149	219417	58.965	nq	97
81) Benzo(a)anthracene	14.13	228	361441	50.967	nq	99
82) 3,3'-Dichlorobenzidine	14.08	252	111593	45.189	nq	97
83) Chrysene	14.16	228	330601	49.082	nq	100
84) Bis(2-ethylhexyl)phthalate	14.09	149	295365	58.718	nq	96
85) Di-n-octyl phthalate	14.70	149	453085	57.927	nq	98
86) Indeno(1,2,3-cd)pyrene	17.22	276	249151	44.587	nq	98
88) Benzo(b)fluoranthene	15.20	252	266203	52.616	nq	99
89) Benzo(k)fluoranthene	15.23	252	269260	54.135	nq	97
90) Benzo(a)pyrene	15.59	252	250100	53.722	nq	98
91) Dibenzo(a,h)anthracene	17.23	278	210678	52.447	nq	99
92) Benzo(g,h,i)perylene	17.70	276	197931	50.003	nq	97

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

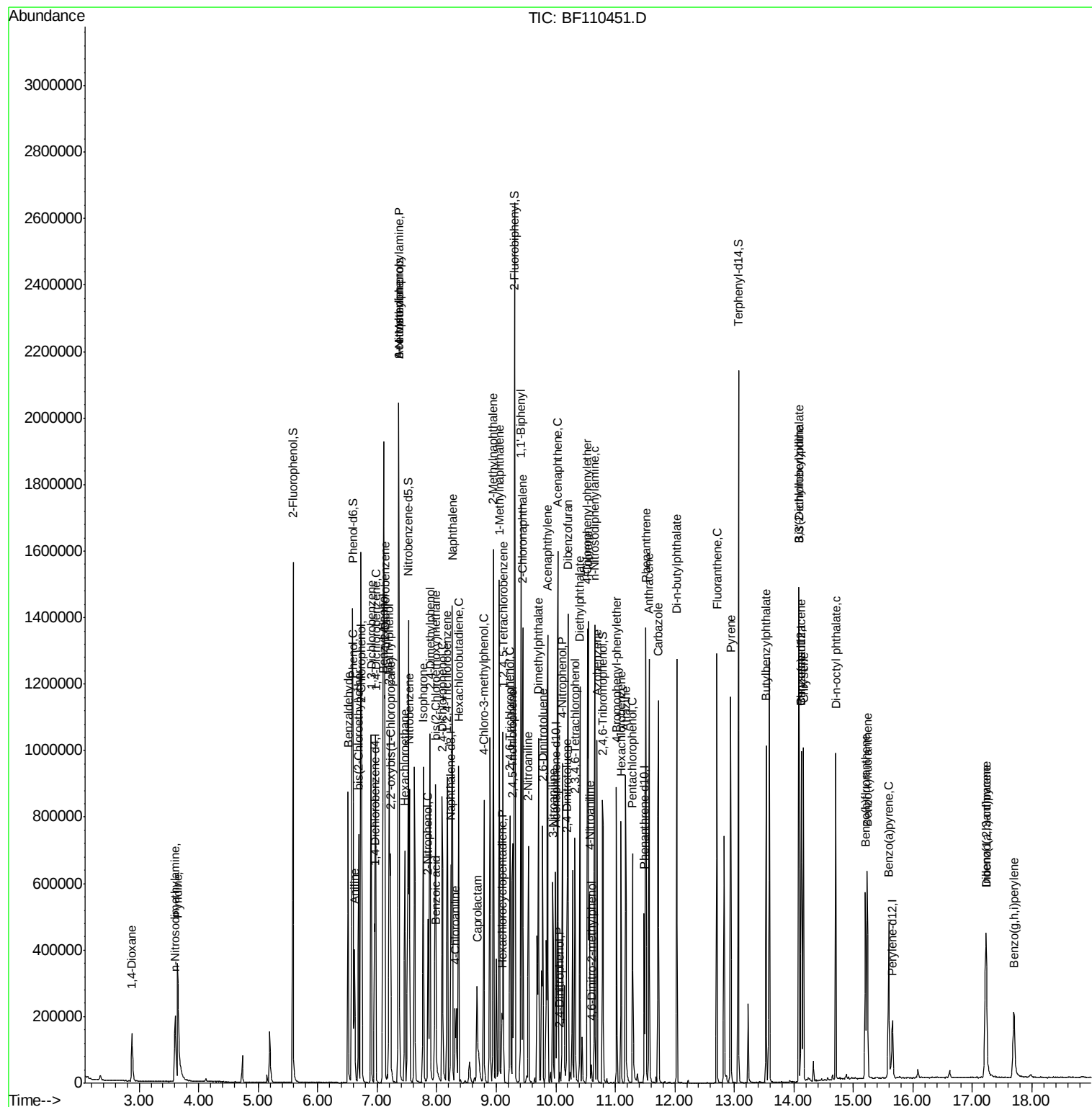
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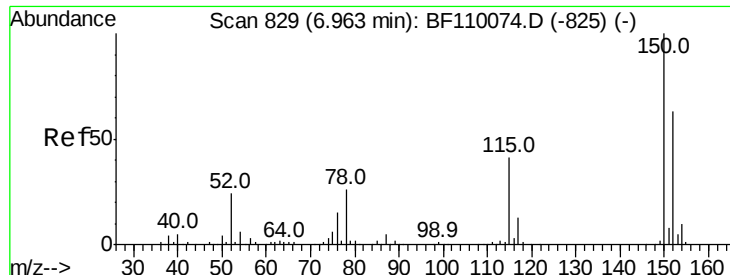
Instrument :
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#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 6.96 min Scan# 828

Delta R.T. 0.00 min

Lab File: BF110451.D

Acq: 3 Nov 2018 10:20

Instrument :

BNA_F

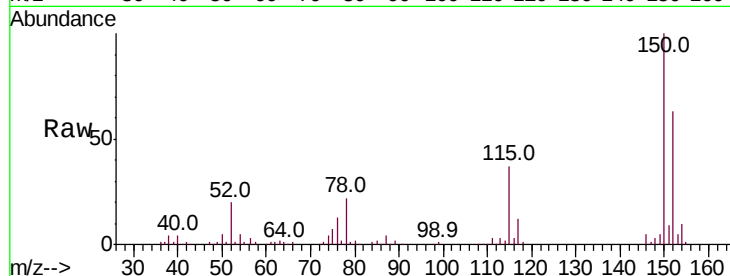
ClientSampleId :

PB114423BS

Tot Ion	Ratio	Lower	Upper
152	100		
150	159.8	122.7	184.1
115	59.8	49.1	73.7

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11/5/2018 10:32:59 AM

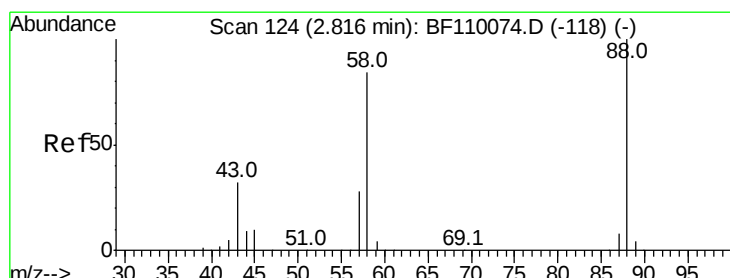
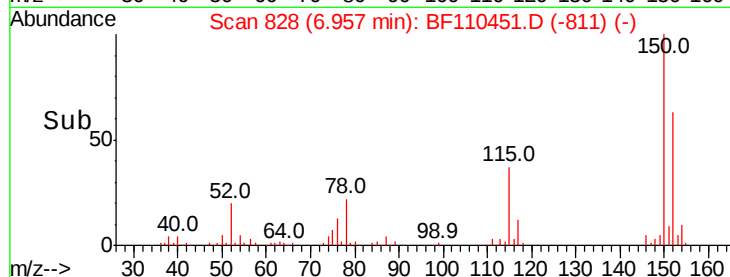
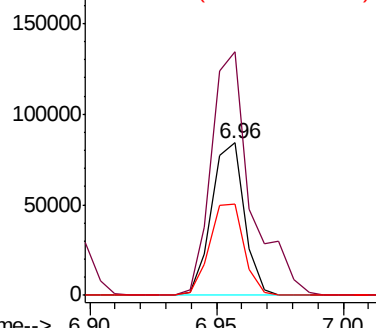


Abundance

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: 30.178 ng

RT: 2.88 min Scan# 135

Delta R.T. 0.08 min

Lab File: BF110451.D

Acq: 3 Nov 2018 10:20

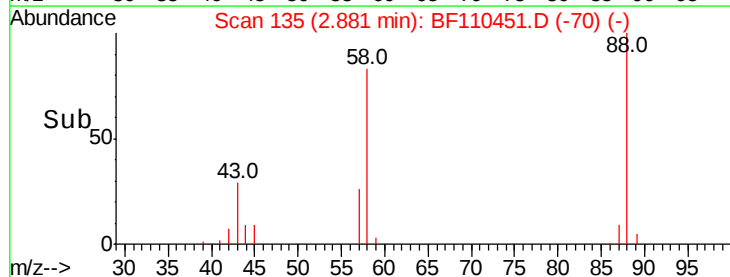
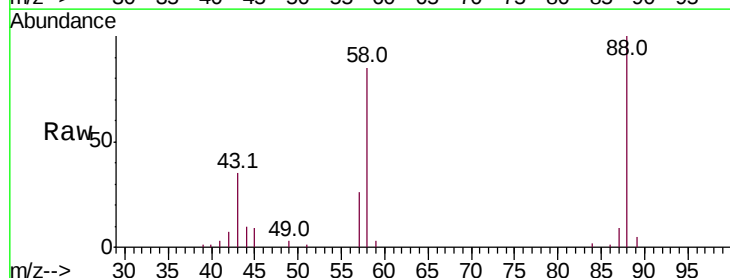
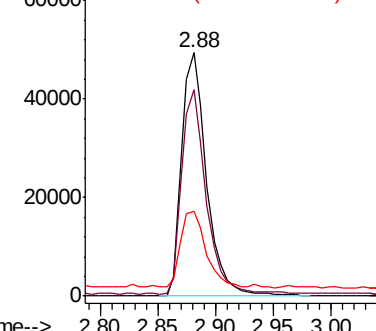
Tgt Ion	Ratio	Lower	Upper
88	100		
58	82.7	57.1	85.7
43	32.0	24.1	36.1

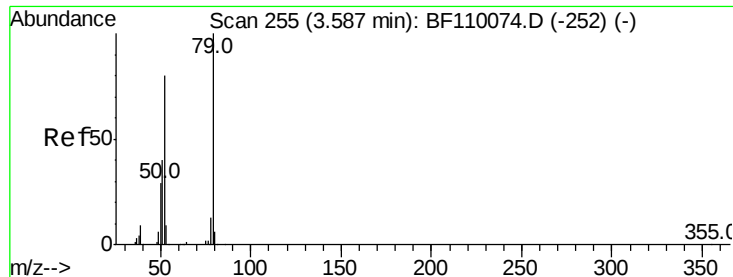
Abundance

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: 38.917 ng

RT: 3.65 min Scan# 265

Delta R.T. 0.06 min

Lab File: BF110451.D

Acq: 3 Nov 2018 10:20

Instrument :

BNA_F

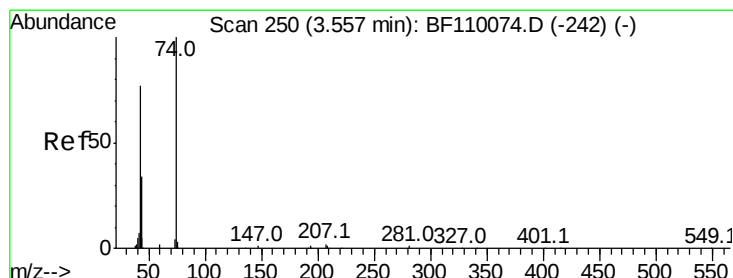
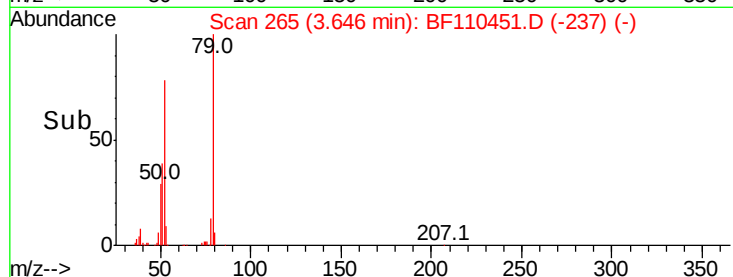
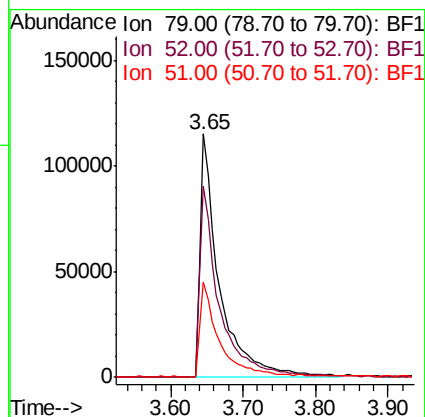
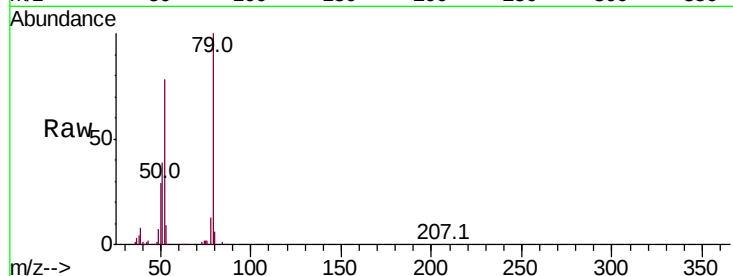
ClientSampleId :

PB114423BS

Tot Ion:	79	Resp:	212507
Ion Ratio	Lower	Upper	
79	100		
52	78.5	53.1	79.7
51	38.9	27.4	41.2

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#4

n-Nitrosodimethylamine

Concen: 46.887 ng

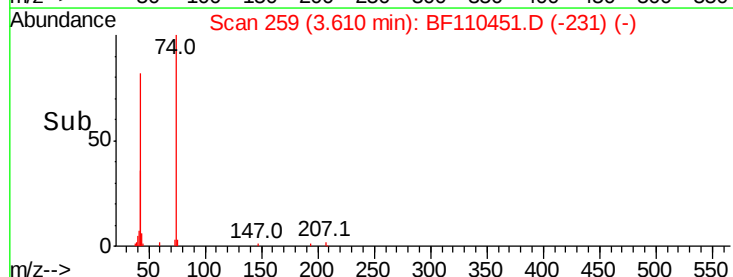
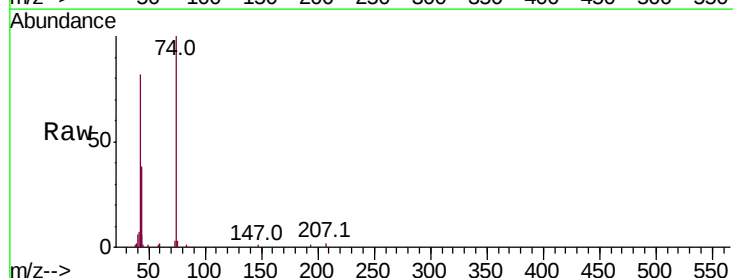
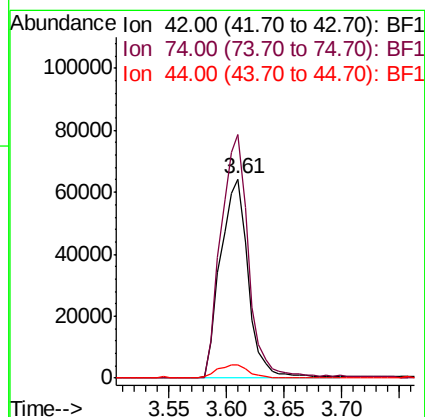
RT: 3.61 min Scan# 259

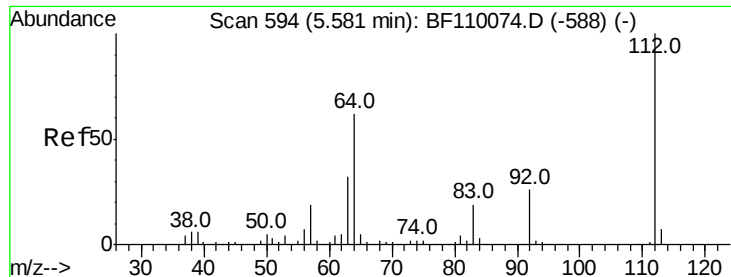
Delta R.T. 0.06 min

Lab File: BF110451.D

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Tgt Ion:	42	Resp:	107265
Ion Ratio	Lower	Upper	
42	100		
74	122.3	105.5	158.3
44	6.9	4.9	7.3





#5

2-Fluorophenol

Concen: 92.390 ng

RT: 5.59 min Scan# 595

Delta R.T. 0.01 min

Lab File: BF110451.D

Acq: 3 Nov 2018 10:20

Instrument :

BNA_F

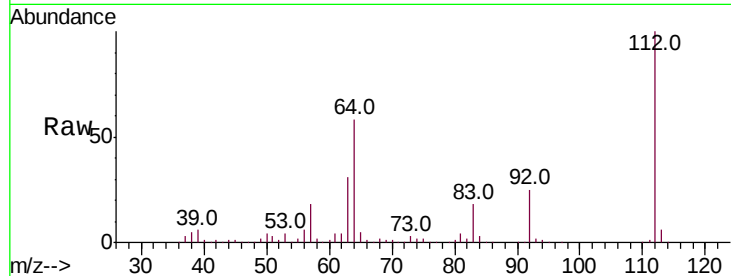
ClientSampleId :

PB114423BS

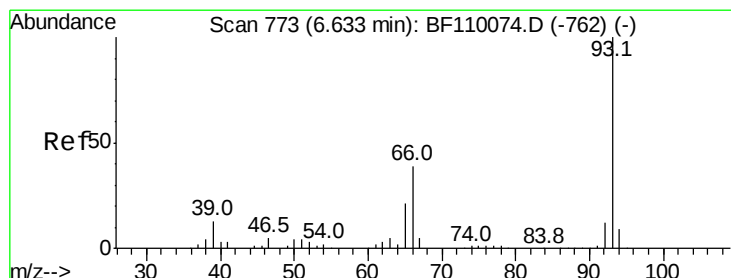
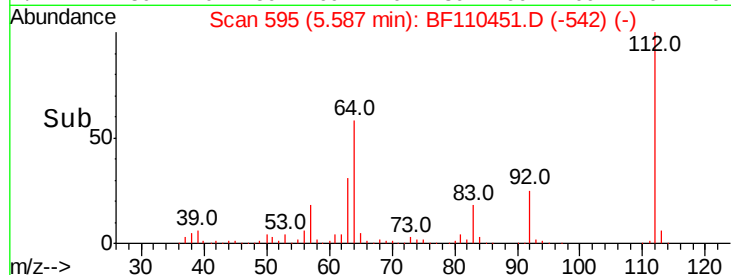
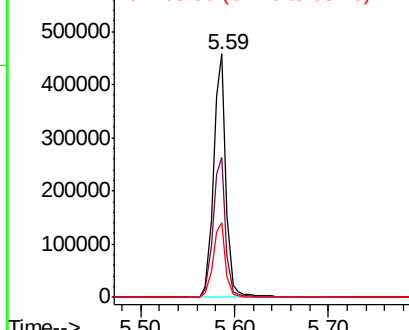
Tot Ion:	112	Resp:	432318
Ion Ratio	Lower	Upper	
112	100		
64	57.7	44.1	66.1
63	30.6	23.7	35.5

Manual Integrations
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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: 21.286 ng

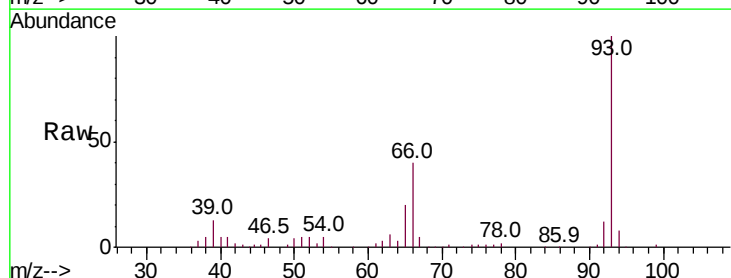
RT: 6.62 min Scan# 771

Delta R.T. 0.00 min

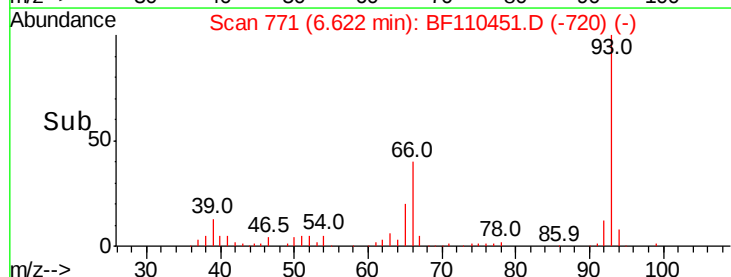
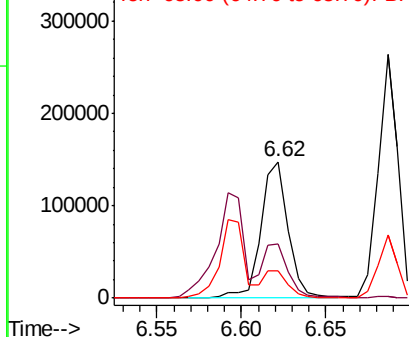
Lab File: BF110451.D

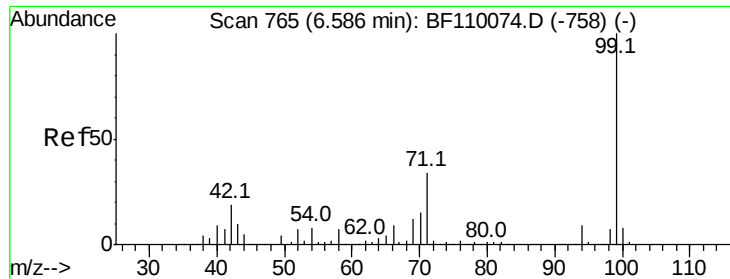
Acq: 3 Nov 2018 10:20

Tgt Ion:	93	Resp:	165961
Ion Ratio	Lower	Upper	
93	100		
66	39.9	67.4	101.0#
65	20.5	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: 89.793 ng

RT: 6.58 min Scan# 764

Delta R.T. 0.00 min

Lab File: BF110451.D

Acq: 3 Nov 2018 10:20

Instrument :

BNA_F

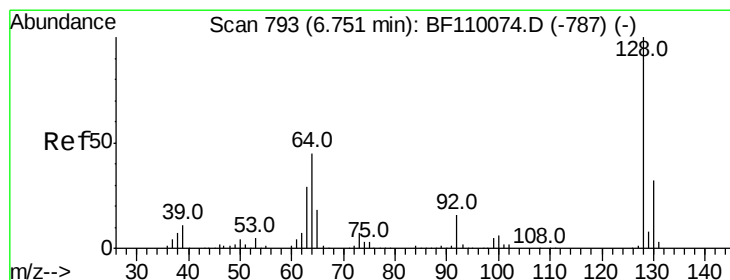
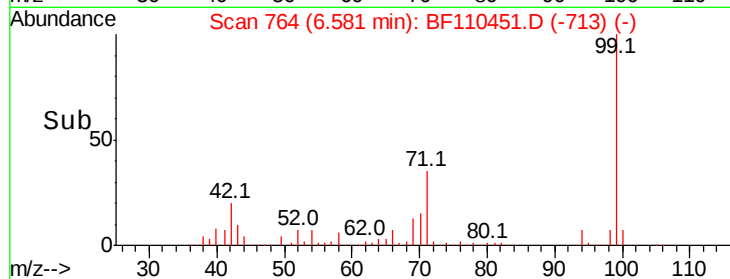
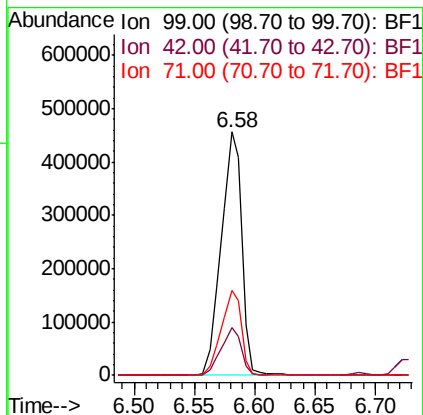
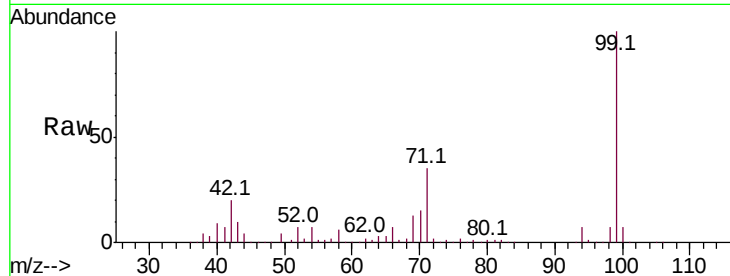
ClientSampleId :

PB114423BS

Tot Ion:	99	Resp:	537428
Ion Ratio	Lower	Upper	
99	100		
42	19.6	15.8	23.6
71	34.9	28.0	42.0

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#8

2-Chlorophenol

Concen: 43.590 ng

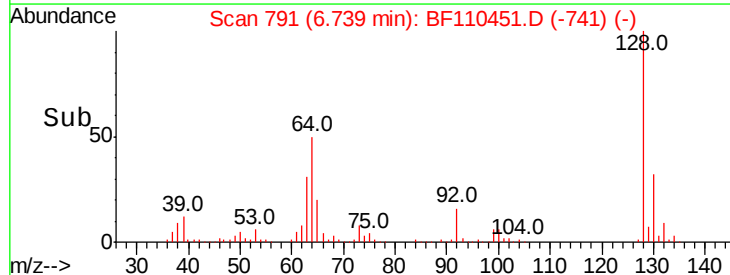
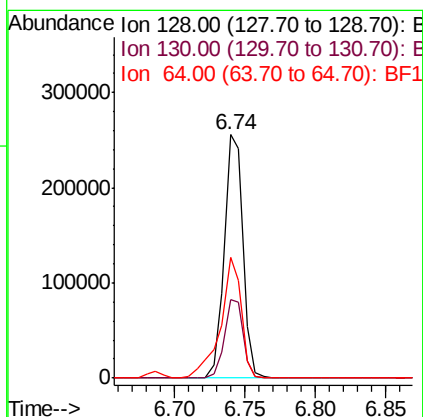
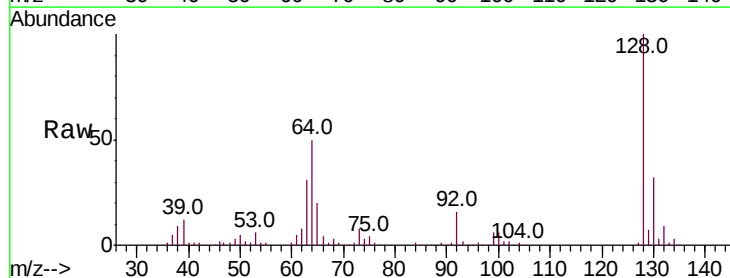
RT: 6.74 min Scan# 791

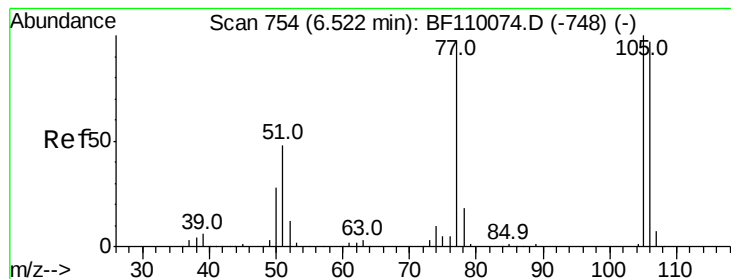
Delta R.T. -0.01 min

Lab File: BF110451.D

Acq: 3 Nov 2018 10:20

Tgt Ion:	128	Resp:	235157
Ion Ratio	Lower	Upper	
128	100		
130	32.2	13.1	53.1
64	49.5	26.0	66.0





#9

Benzaldehyde

Concen: 46.354 ng

RT: 6.51 min Scan# 752

Delta R.T. 0.00 min

Lab File: BF110451.D

Acq: 3 Nov 2018 10:20

Instrument :

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Tot Ion: 77 Resp: 153842

Ion Ratio Lower Upper

77 100

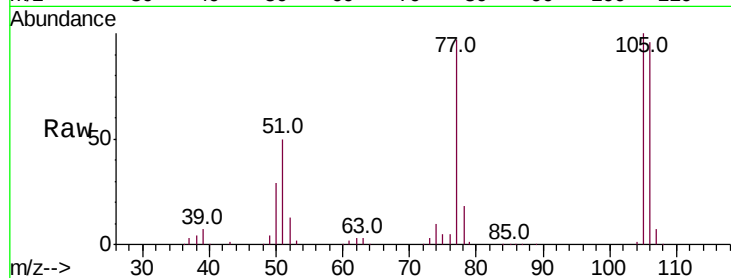
105 102.7 78.6 118.6

106 98.3 74.8 114.8

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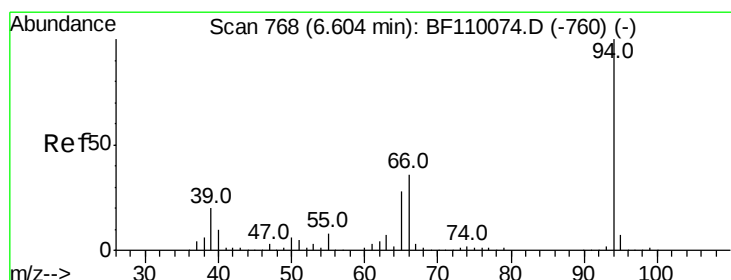
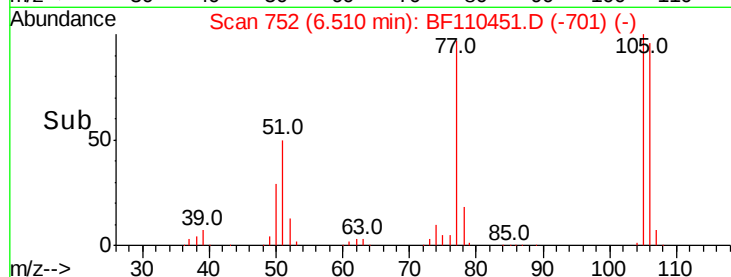
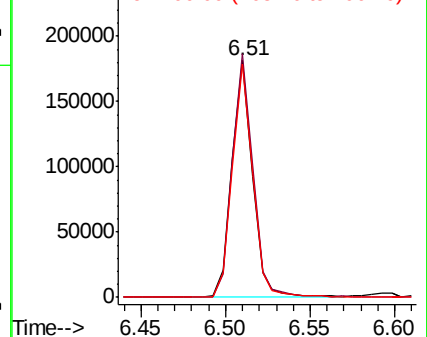
11/5/2018 10:32:59 AM



Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 106.00 (105.70 to 106.70): BF1



#10

Phenol

Concen: 44.972 ng

RT: 6.60 min Scan# 767

Delta R.T. 0.00 min

Lab File: BF110451.D

Acq: 3 Nov 2018 10:20

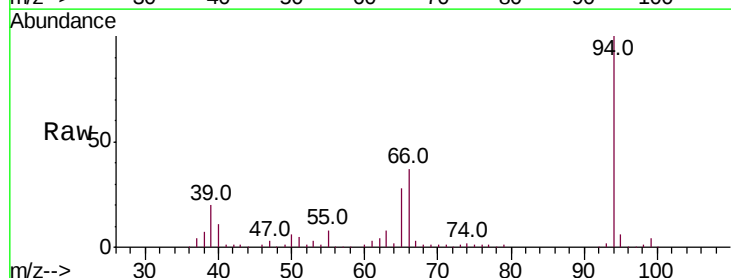
Tgt Ion: 94 Resp: 287716

Ion Ratio Lower Upper

94 100

65 27.9 25.3 65.3

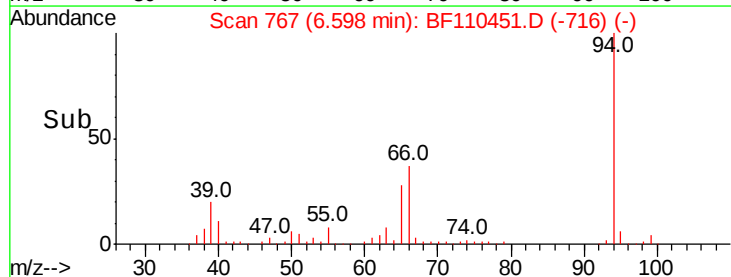
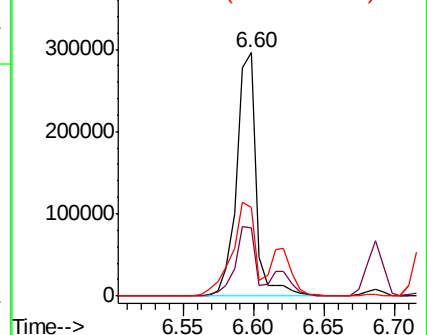
66 36.6 54.5 94.5#

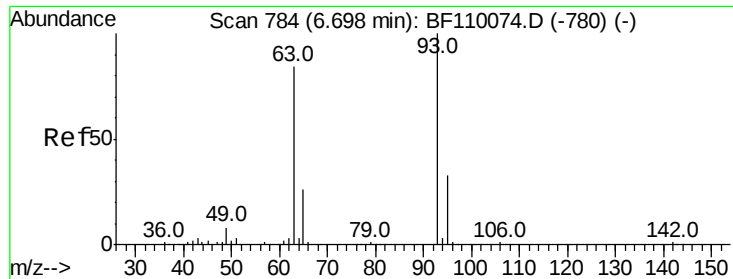


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1





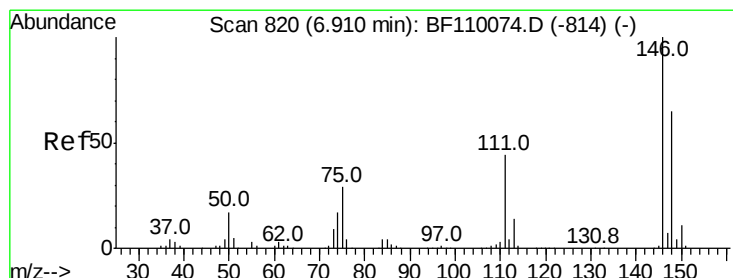
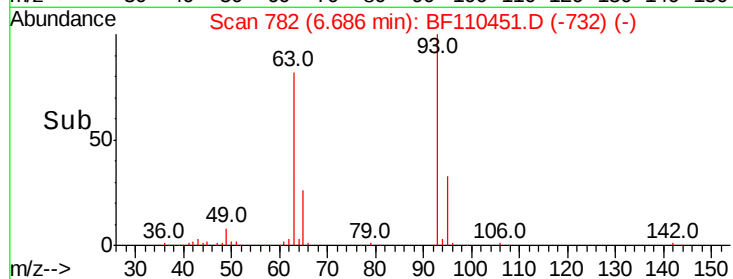
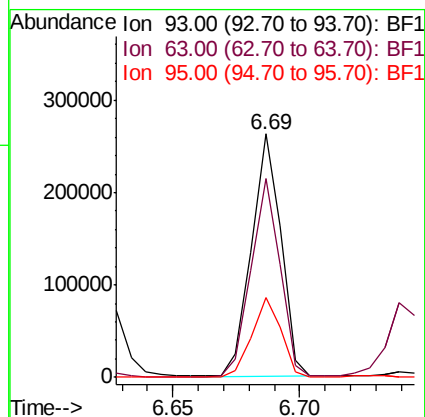
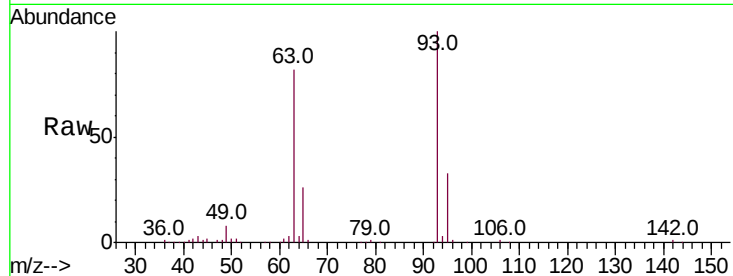
#11
bis(2-Chloroethyl)ether
Concen: 40.542 ng
RT: 6.69 min Scan# 782
Delta R.T. -0.01 min
Lab File: BF110451.D
Acq: 3 Nov 2018 10:20

Instrument :
BNA_F
ClientSampleId :
PB114423BS

Tot Ion	93	Resp	213394
Ion Ratio	Lower	Upper	
93	100		
63	81.8	53.4	93.4
95	33.0	12.1	52.1

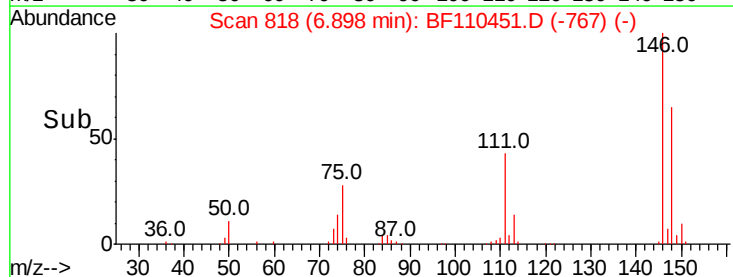
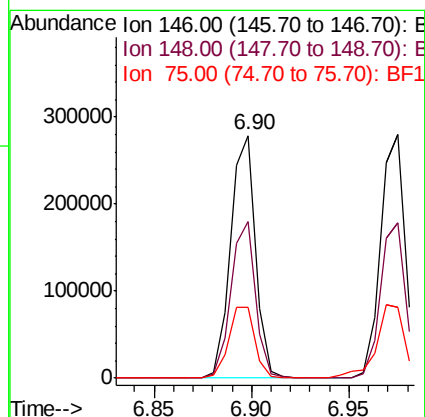
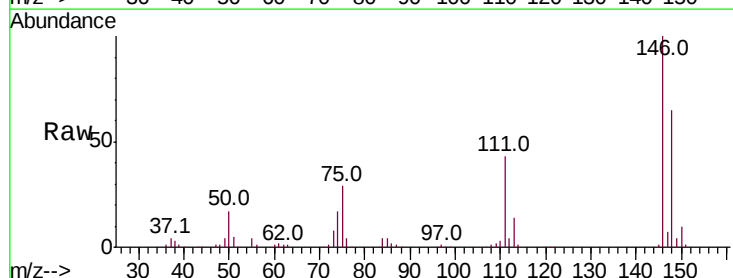
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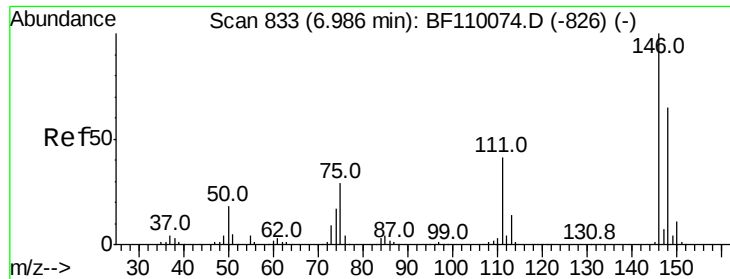
Sohil
11/5/2018 10:32:59 AM



#12
1,3-Dichlorobenzene
Concen: 41.494 ng
RT: 6.90 min Scan# 818
Delta R.T. 0.00 min
Lab File: BF110451.D
Acq: 3 Nov 2018 10:20

Tgt Ion	146	Resp	246348
Ion Ratio	Lower	Upper	
146	100		
148	64.6	50.4	75.6
75	29.4	25.8	38.6





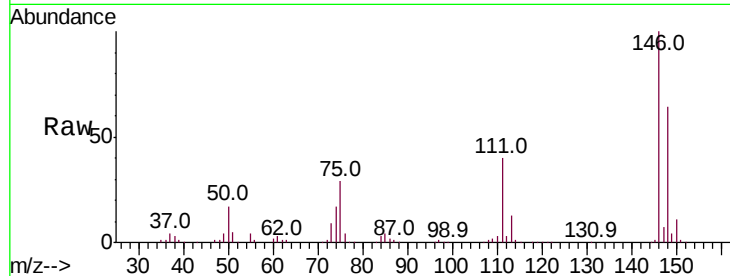
#13
 1,4-Dichlorobenzene
 Concen: 41.242 ng
 RT: 6.97 min Scan# 831
 Delta R.T. 0.00 min
 Lab File: BF110451.D
 Acq: 3 Nov 2018 10:20

Instrument :
 BNA_F
 ClientSampleId :
 PB114423BS

Tot Ion	Ratio	Lower	Upper
146	100		
148	63.6	50.3	75.5
111	39.7	32.7	49.1

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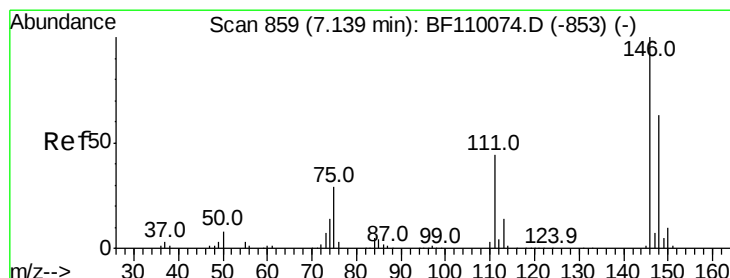
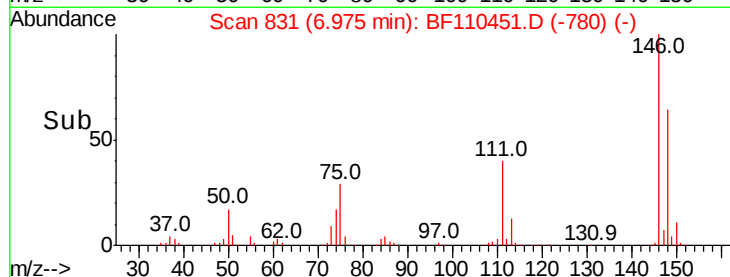
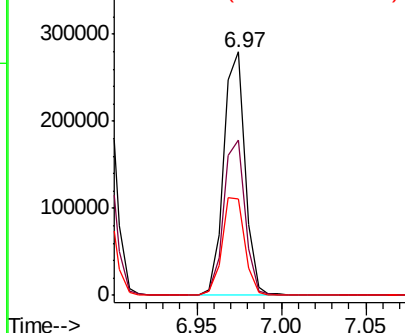


Abundance

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: 42.004 ng
 RT: 7.13 min Scan# 857
 Delta R.T. 0.00 min
 Lab File: BF110451.D
 Acq: 3 Nov 2018 10:20

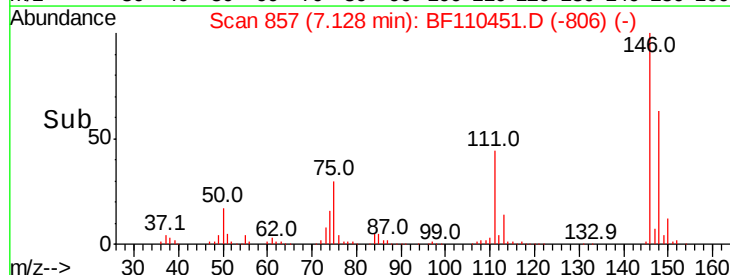
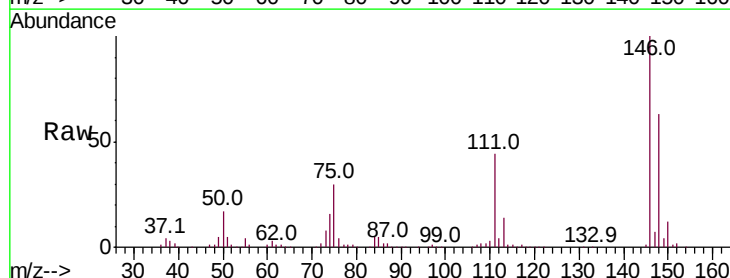
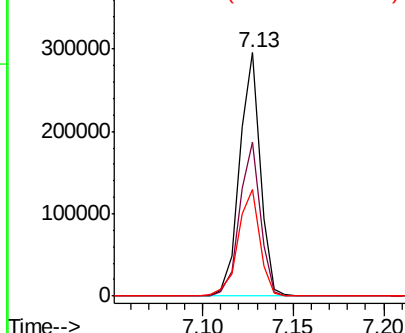
Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.2	51.1	76.7
111	43.9	35.8	53.6

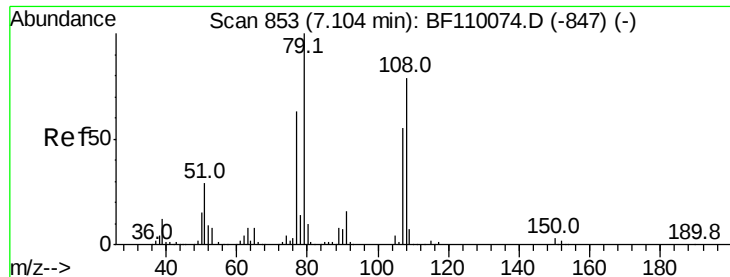
Abundance

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





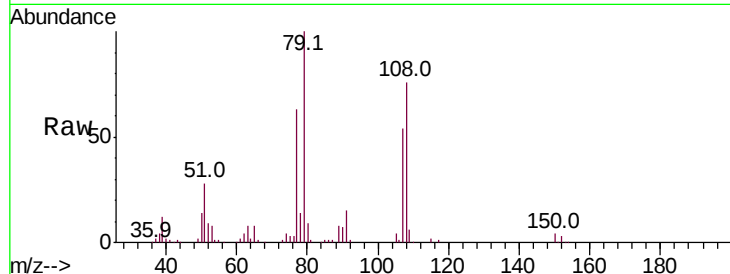
#15
Benzyl Alcohol
Concen: 42.984 ng
RT: 7.09 min Scan# 851
Delta R.T. -0.01 min
Lab File: BF110451.D
Acq: 3 Nov 2018 10:20

Instrument :
BNA_F
ClientSampleId :
PB114423BS

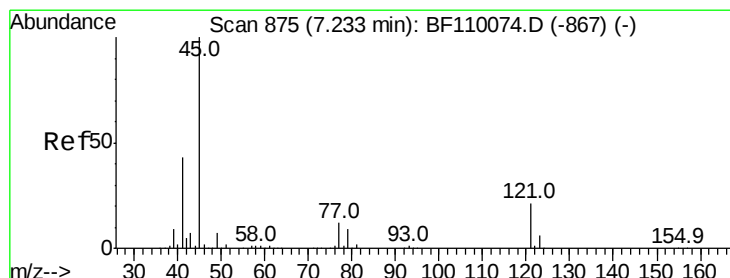
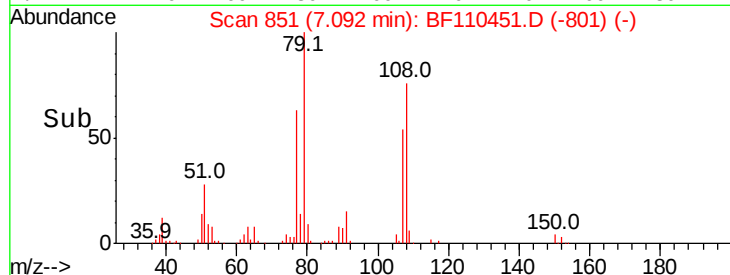
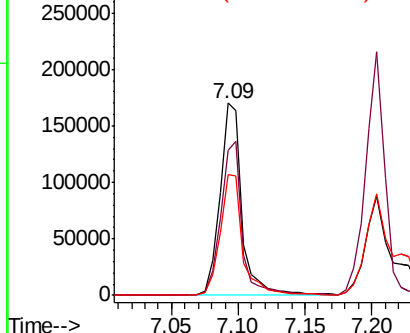
Tot Ion	Ratio	Resp	Lower	Upper
79	100			
108	75.5	56.3	84.5	
77	62.6	52.9	79.3	

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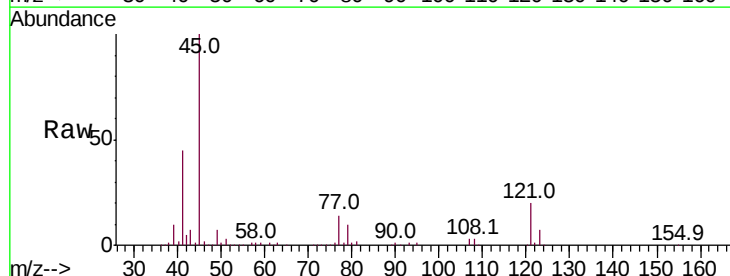


Abundance Ion 79.00 (78.70 to 79.70): BF1
Ion 108.00 (107.70 to 108.70): BF1
Ion 77.00 (76.70 to 77.70): BF1

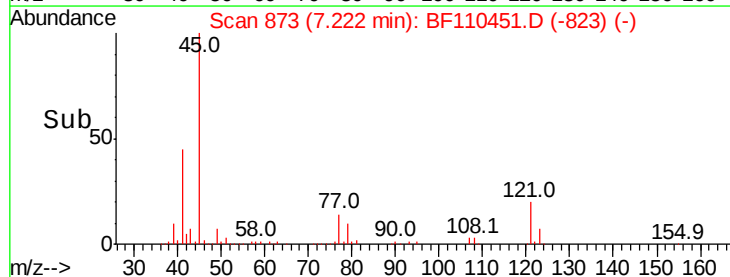
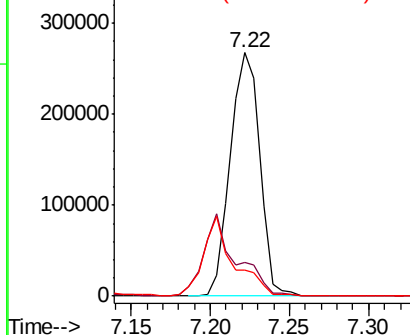


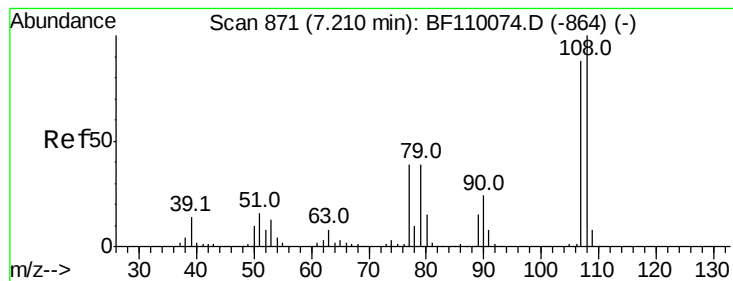
#16
2,2'-oxybis(1-chloropropane)
Concen: 40.946 ng
RT: 7.22 min Scan# 873
Delta R.T. -0.01 min
Lab File: BF110451.D
Acq: 3 Nov 2018 10:20

Tgt Ion	Ratio	Resp	Lower	Upper
45	100			
77	13.6	10.0	50.0	
79	10.5	6.1	46.1	



Abundance Ion 45.00 (44.70 to 45.70): BF1
Ion 77.00 (76.70 to 77.70): BF1
Ion 79.00 (78.70 to 79.70): BF1





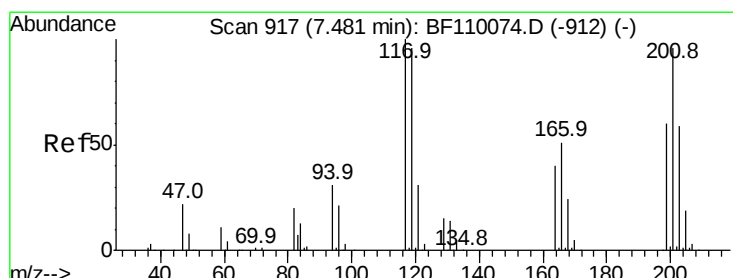
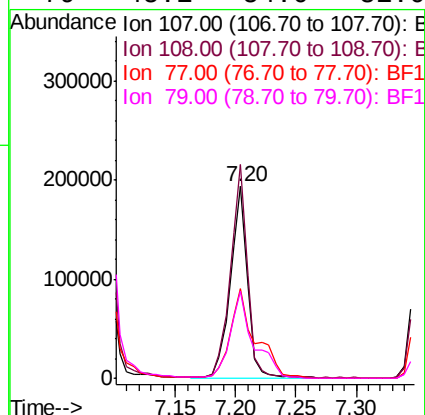
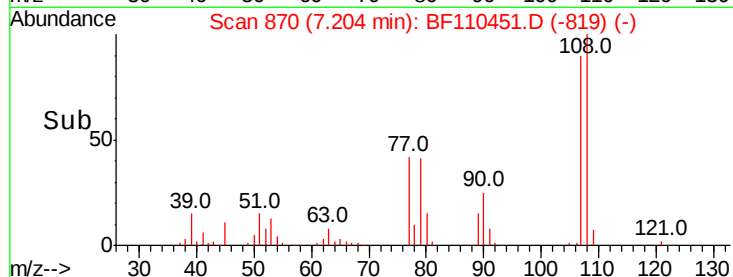
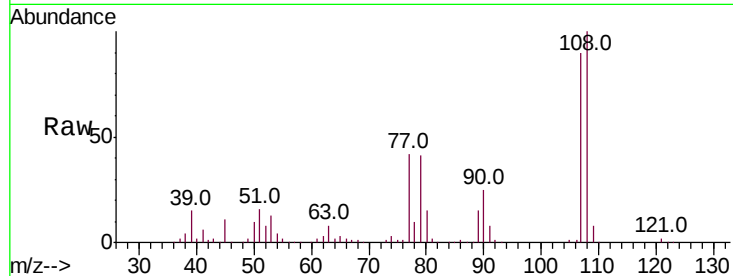
#17
2-Methylphenol
Concen: 44.290 ng
RT: 7.20 min Scan# 870
Delta R.T. 0.00 min
Lab File: BF110451.D
Acq: 3 Nov 2018 10:20

Instrument :
BNA_F
ClientSampleId :
PB114423BS

Tot Ion	Ratio	Resp	Lower	Upper
107	100	190423		
108	111.3	92.6	138.8	
77	46.5	59.4	89.2#	
79	45.1	54.0	81.0#	

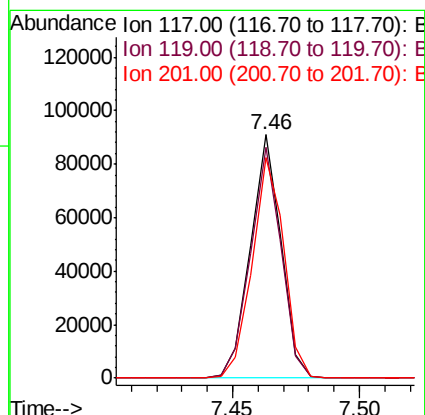
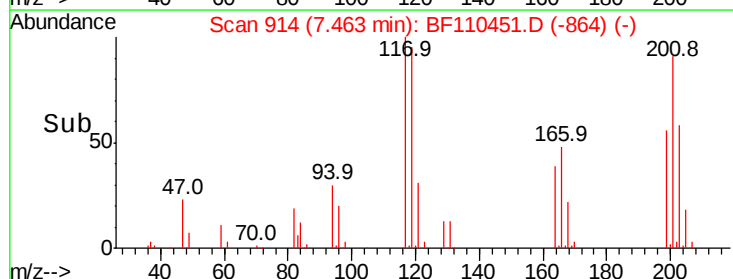
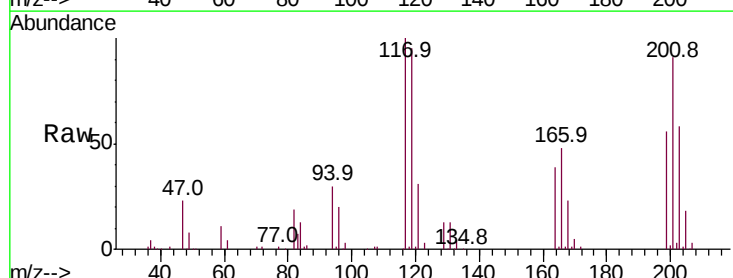
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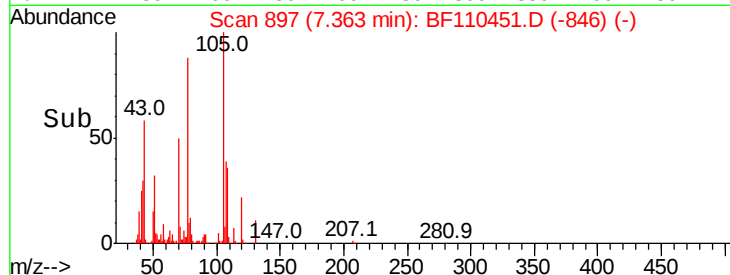
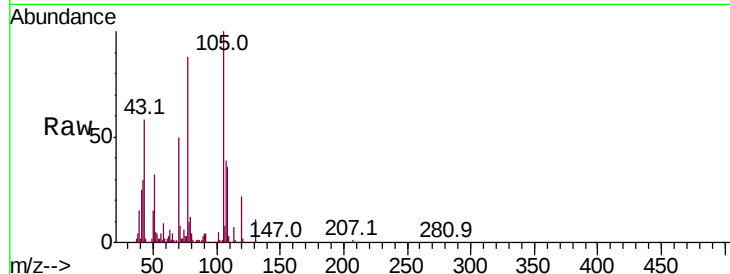
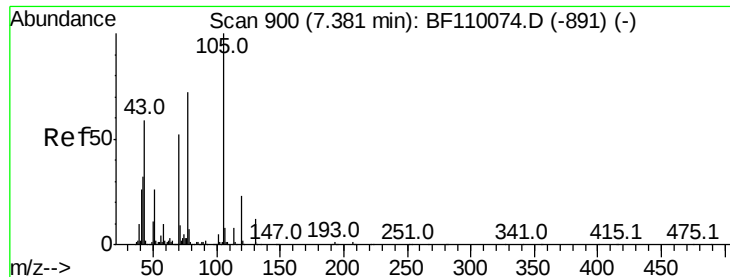
Sohil
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#18
Hexachloroethane
Concen: 34.716 ng
RT: 7.46 min Scan# 914
Delta R.T. -0.01 min
Lab File: BF110451.D
Acq: 3 Nov 2018 10:20

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	76316		
119	95.0	75.0	112.6	
201	90.7	79.2	118.8	





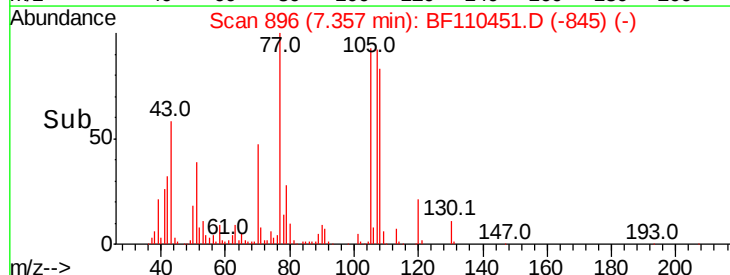
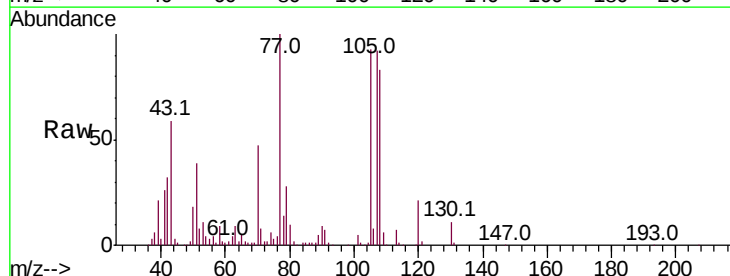
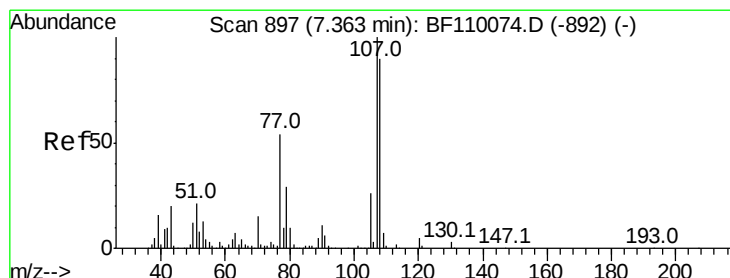
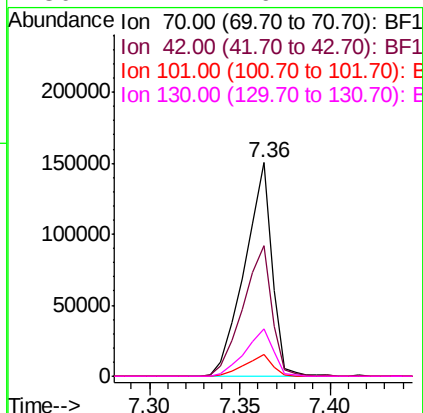
#19
n-Nitroso-di-n-propylamine
Concen: 40.943 ng
RT: 7.36 min Scan# 897
Delta R.T. 0.00 min
Lab File: BF110451.D
Acq: 3 Nov 2018 10:20

Instrument :
BNA_F
ClientSampleId :
PB114423BS

Manual Integrations
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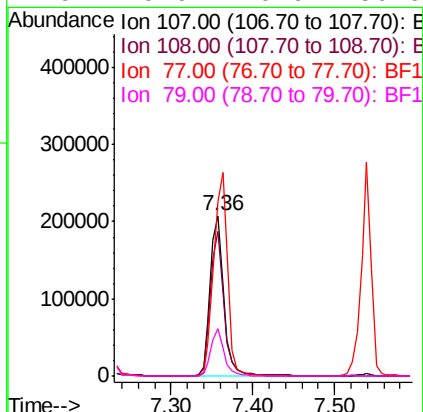
Sohil
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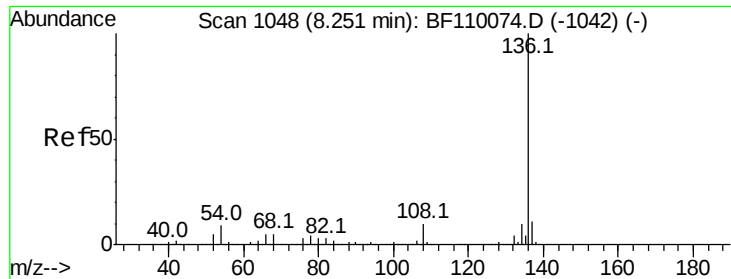
Tot Ion	Ratio	Lower	Upper
70	100		
42	60.9	47.4	71.2
101	10.4	7.3	10.9
130	22.4	16.2	24.2



#20
3+4-Methylphenols
Concen: 42.836 ng
RT: 7.36 min Scan# 896
Delta R.T. 0.00 min
Lab File: BF110451.D
Acq: 3 Nov 2018 10:20

Tgt Ion	Ratio	Lower	Upper
107	100		
108	90.4	71.4	111.4
77	108.7	47.3	87.3#
79	29.9	10.9	50.9





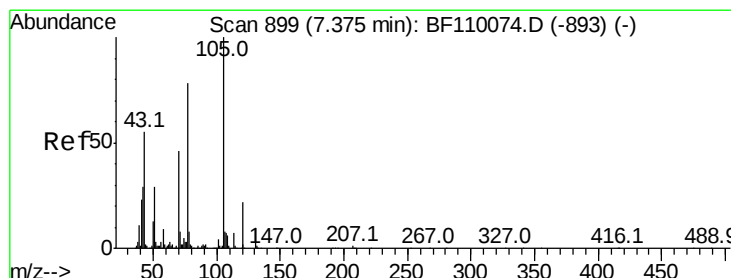
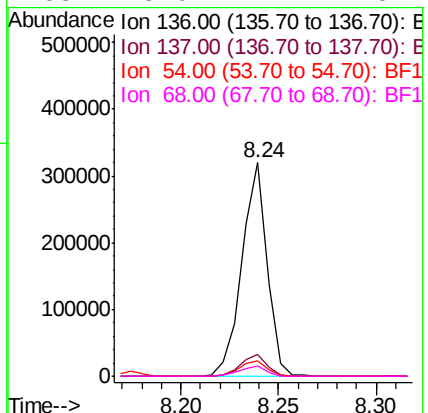
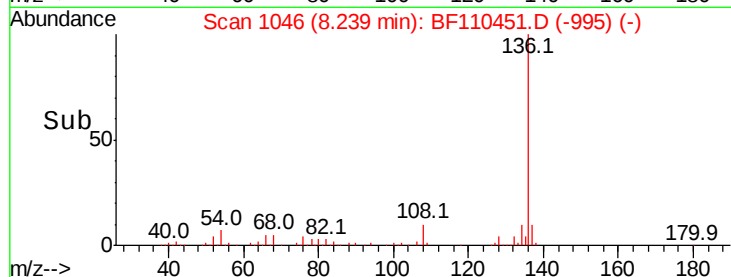
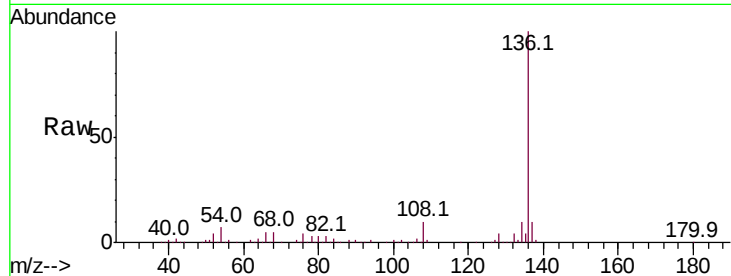
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.24 min Scan# 1046
Delta R.T. 0.00 min
Lab File: BF110451.D
Acq: 3 Nov 2018 10:20

Instrument :
BNA_F
ClientSampleId :
PB114423BS

Tot Ion	Ratio	Resp	Lower	Upper
136	100			
137	10.4	8.8	13.2	
54	7.4	5.4	8.2	
68	5.0	4.2	6.2	

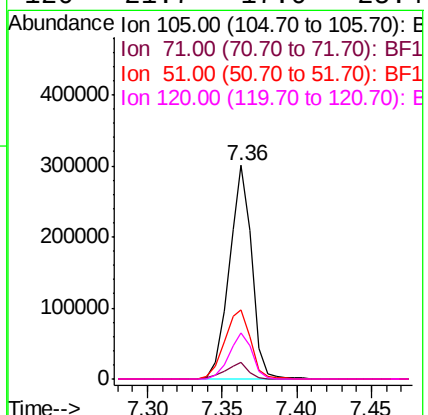
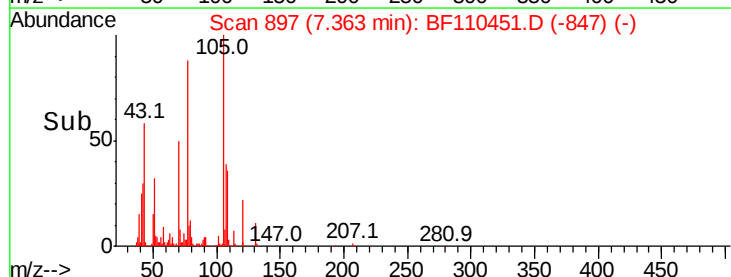
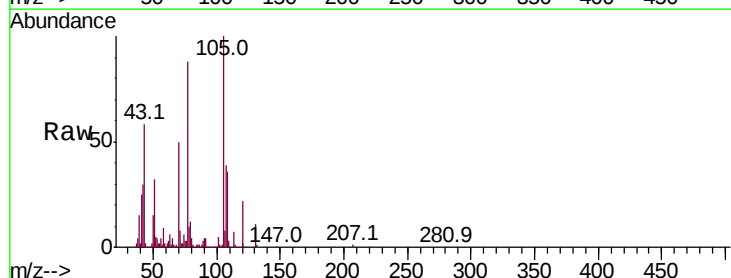
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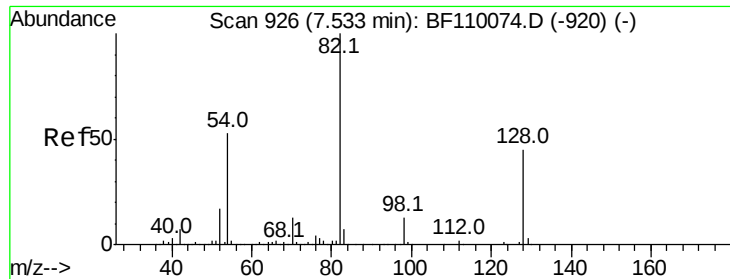
Sohil
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#22
Acetophenone
Concen: 48.084 ng
RT: 7.36 min Scan# 897
Delta R.T. -0.01 min
Lab File: BF110451.D
Acq: 3 Nov 2018 10:20

Tgt Ion	Ratio	Resp	Lower	Upper
105	100			
71	8.0	5.2	7.8#	
51	32.3	21.8	32.8	
120	21.7	17.0	25.4	





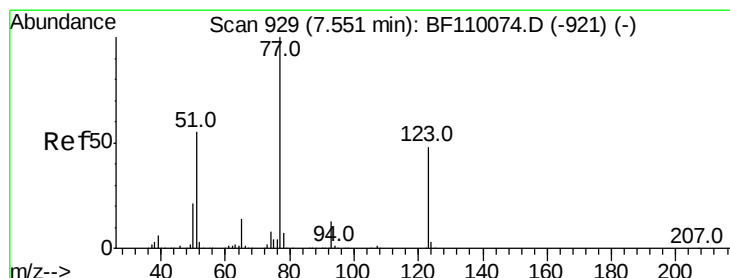
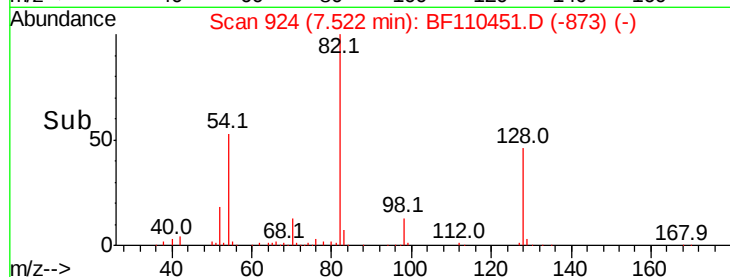
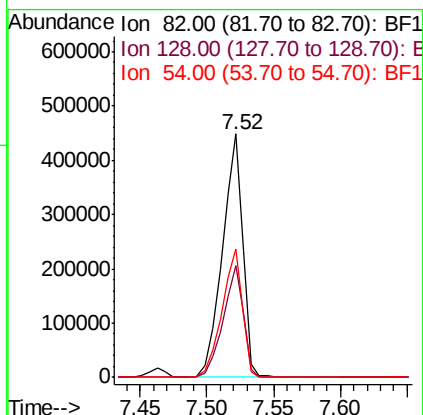
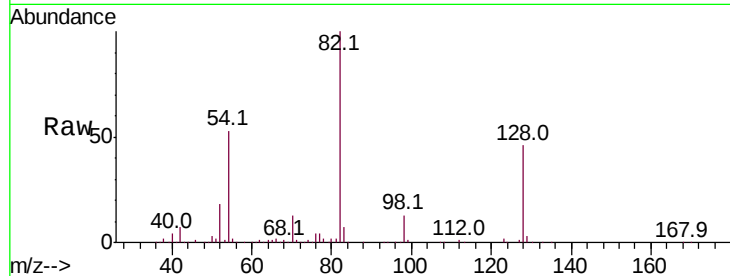
#23
 Nitrobenzene-d5
 Concen: 99.764 ng
 RT: 7.52 min Scan# 924
 Delta R.T. 0.00 min
 Lab File: BF110451.D
 Acq: 3 Nov 2018 10:20

Instrument :
 BNA_F
 ClientSampleId :
 PB114423BS

Tot Ion	Ratio	Resp	Lower	Upper
82	100			
128	45.9	34.2	51.2	
54	52.9	38.6	58.0	

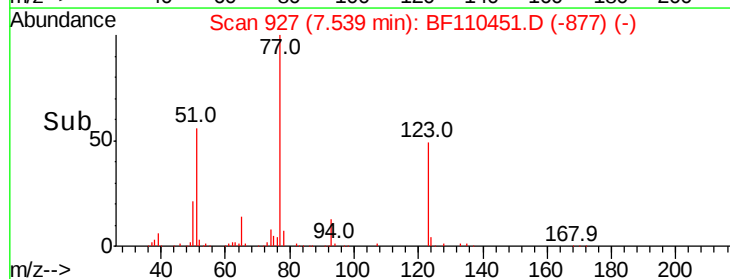
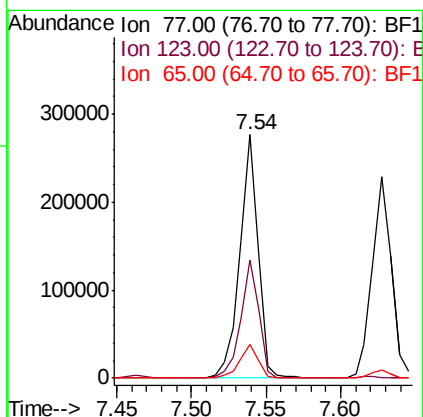
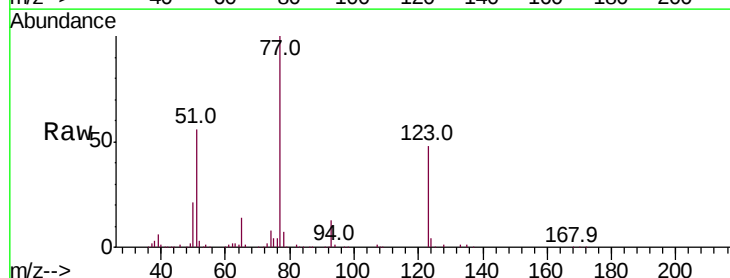
Manual Integrations
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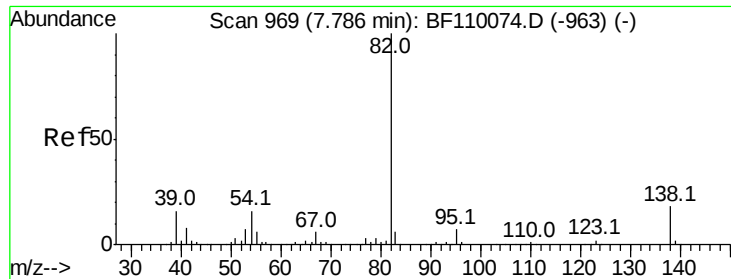
Sohil
 11/5/2018 10:32:59 AM



#24
 Nitrobenzene
 Concen: 47.583 ng
 RT: 7.54 min Scan# 927
 Delta R.T. -0.01 min
 Lab File: BF110451.D
 Acq: 3 Nov 2018 10:20

Tgt Ion	Ratio	Resp	Lower	Upper
77	100			
123	48.4	35.7	53.5	
65	13.8	10.7	16.1	





#25

Isophorone

Concen: 51.430 ng

RT: 7.77 min Scan# 967

Delta R.T. 0.00 min

Lab File: BF110451.D

Acq: 3 Nov 2018 10:20

Instrument :

BNA_F

ClientSampleId :

PB114423BS

Tot Ion: 82 Resp: 424459

Ion Ratio Lower Upper

82 100

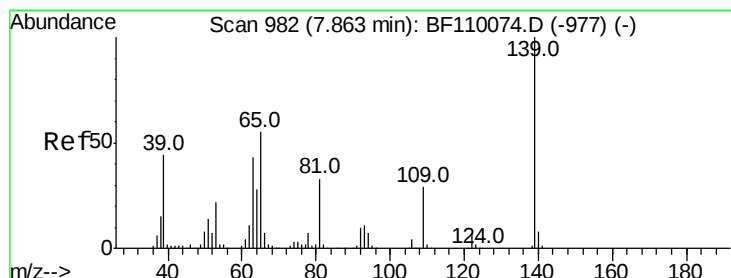
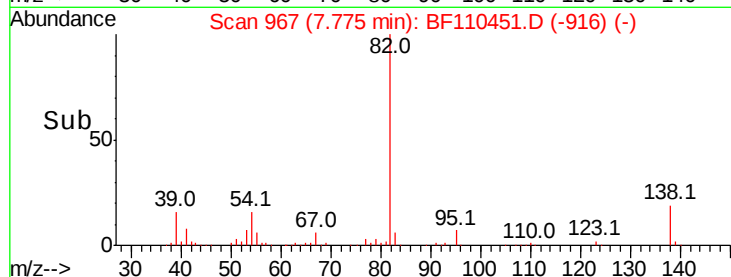
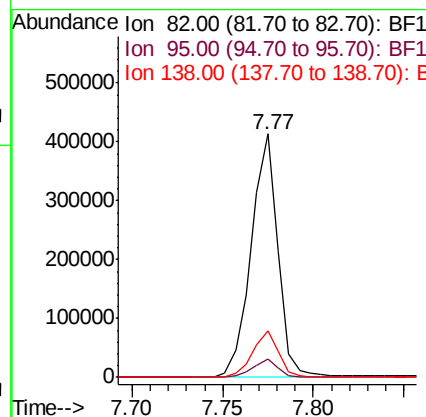
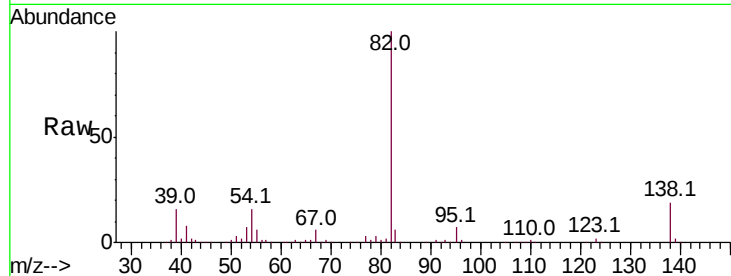
95 7.4 5.7 8.5

138 18.9 13.2 19.8

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11/5/2018 10:32:59 AM



#26

2-Nitrophenol

Concen: 40.714 ng

RT: 7.86 min Scan# 981

Delta R.T. 0.00 min

Lab File: BF110451.D

Acq: 3 Nov 2018 10:20

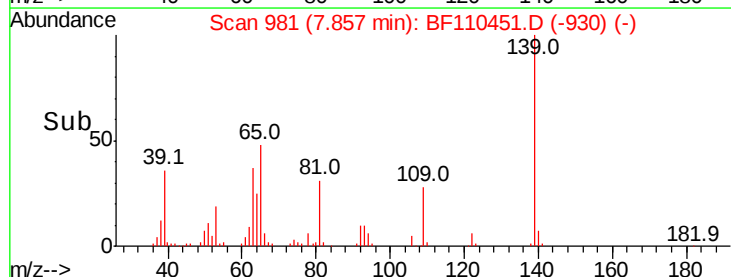
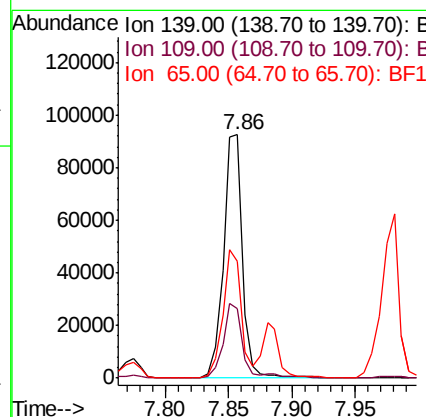
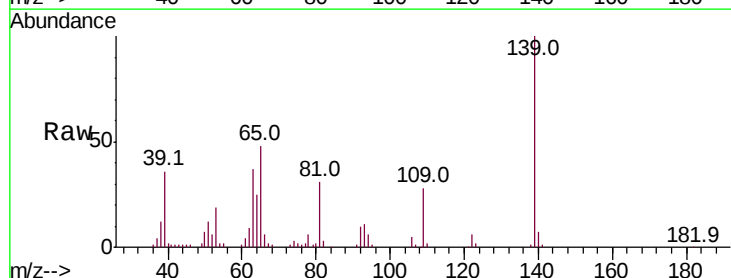
Tgt Ion: 139 Resp: 96845

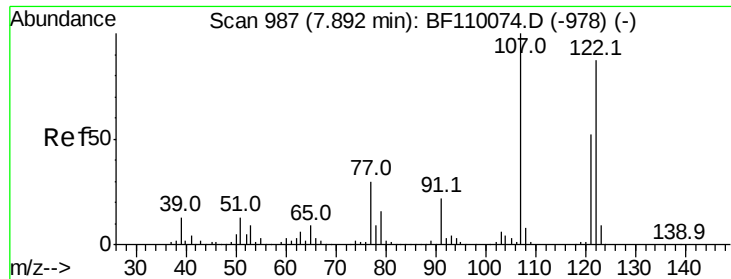
Ion Ratio Lower Upper

139 100

109 28.3 25.0 37.6

65 48.0 44.0 66.0





#27

2,4-Dimethylphenol

Concen: 52.399 ng

RT: 7.89 min Scan# 986

Delta R.T. 0.00 min

Lab File: BF110451.D

Acq: 3 Nov 2018 10:20

Instrument :

BNA_F

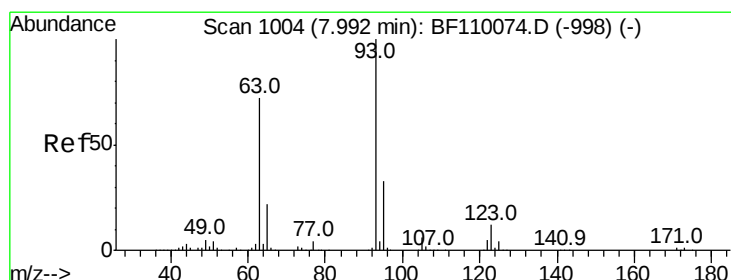
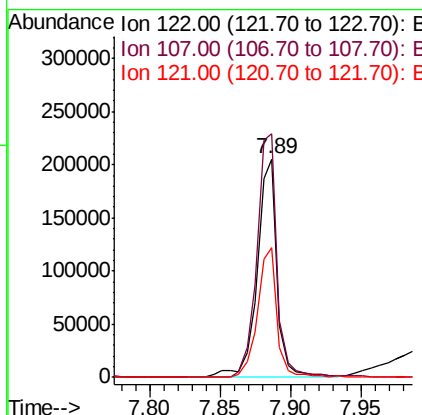
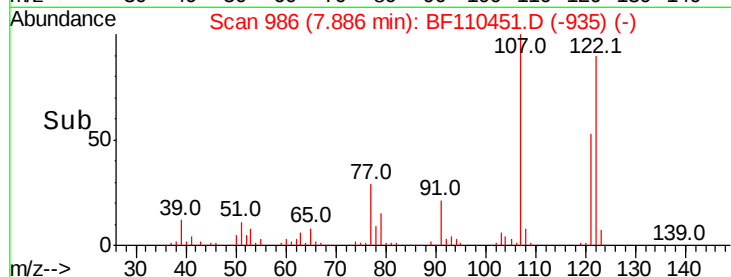
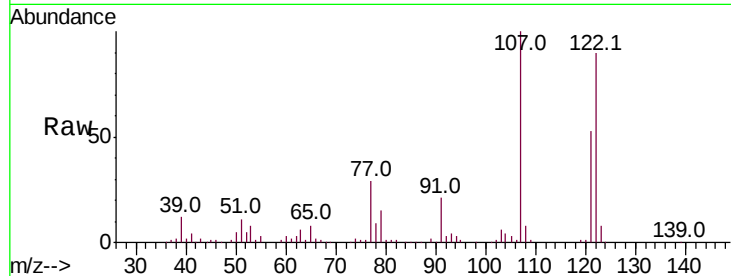
ClientSampleId :

PB114423BS

Tot Ion:	122	Resp:	206645
Ion Ratio	Lower	Upper	
122	100		
107	111.4	92.5	138.7
121	59.1	45.8	68.8

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#28

bis(2-Chloroethoxy)methane

Concen: 48.668 ng

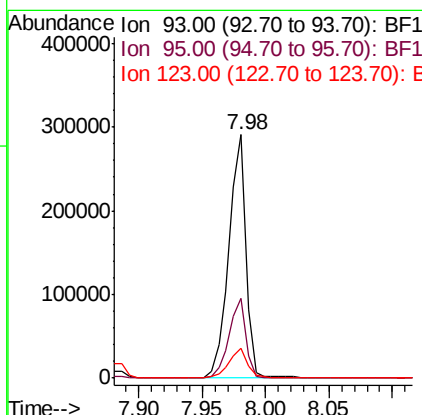
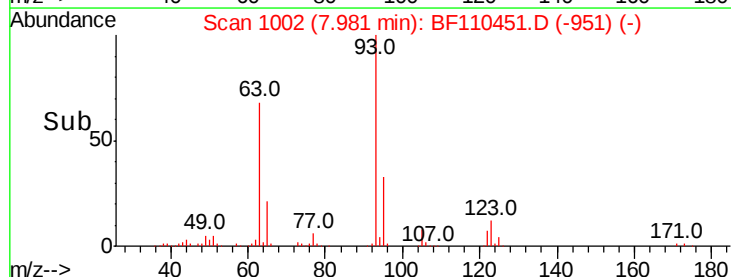
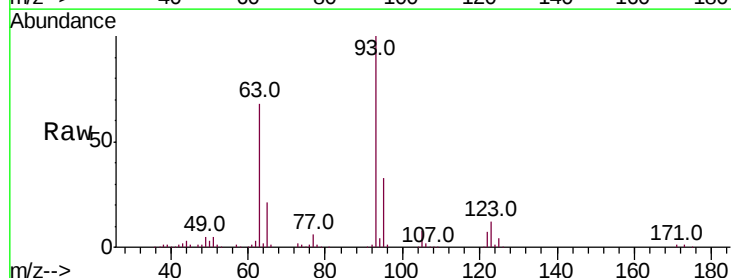
RT: 7.98 min Scan# 1002

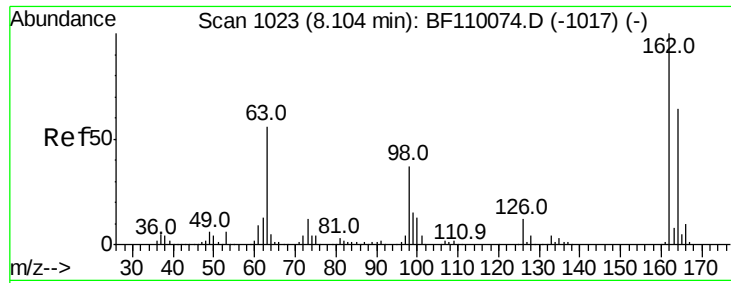
Delta R.T. 0.00 min

Lab File: BF110451.D

Acq: 3 Nov 2018 10:20

Tgt Ion:	93	Resp:	272860
Ion Ratio	Lower	Upper	
93	100		
95	32.5	26.4	39.6
123	12.4	9.0	13.6





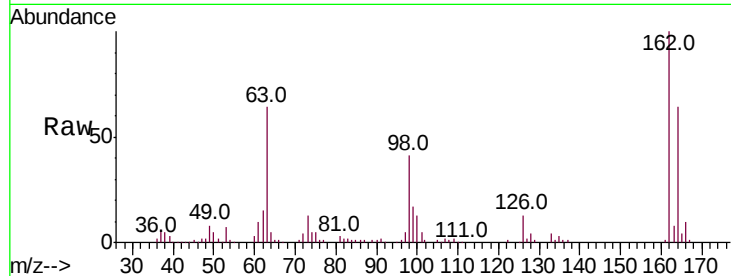
#29
2,4-Dichlorophenol
Concen: 45.823 ng
RT: 8.09 min Scan# 1021
Delta R.T. -0.01 min
Lab File: BF110451.D
Acq: 3 Nov 2018 10:20

Instrument :
BNA_F
ClientSampleId :
PB114423BS

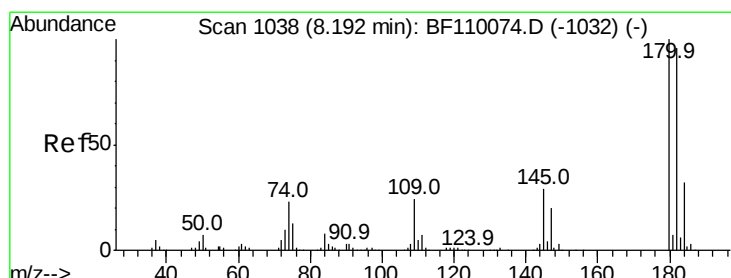
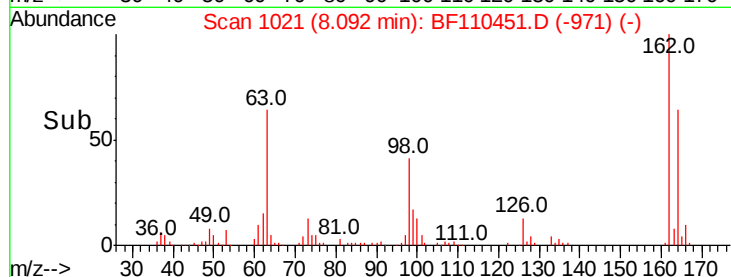
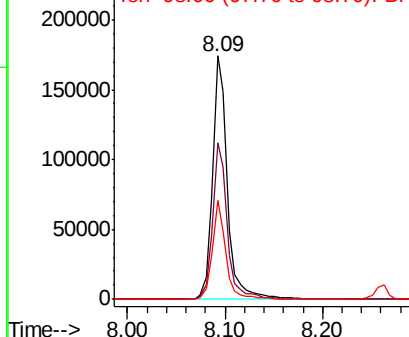
Tot Ion	Ratio	Resp	Lower	Upper
162	100	182572		
164	64.3	44.6	84.6	
98	40.9	17.4	57.4	

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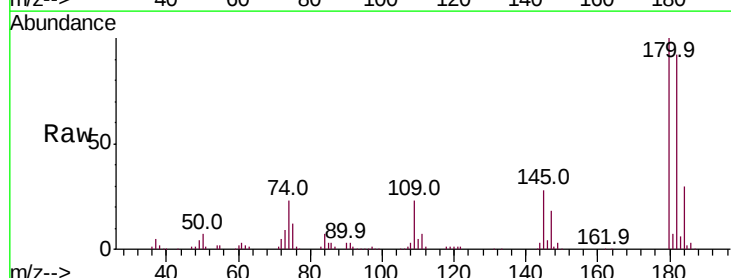


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): BF1

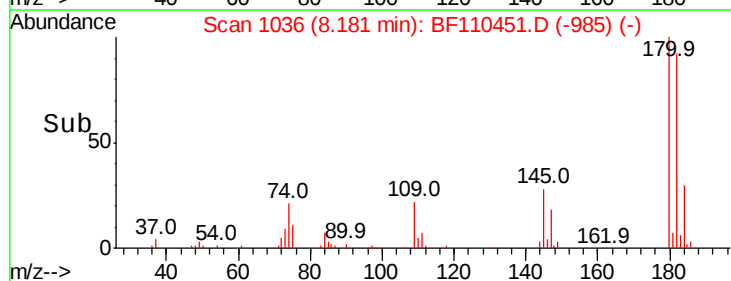
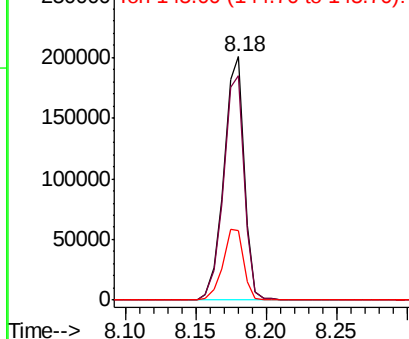


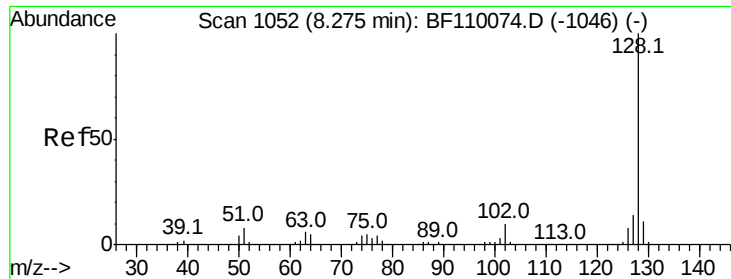
#30
1,2,4-Trichlorobenzene
Concen: 45.056 ng
RT: 8.18 min Scan# 1036
Delta R.T. 0.00 min
Lab File: BF110451.D
Acq: 3 Nov 2018 10:20

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	201081		
182	92.3	80.3	120.5	
145	28.4	25.4	38.0	



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





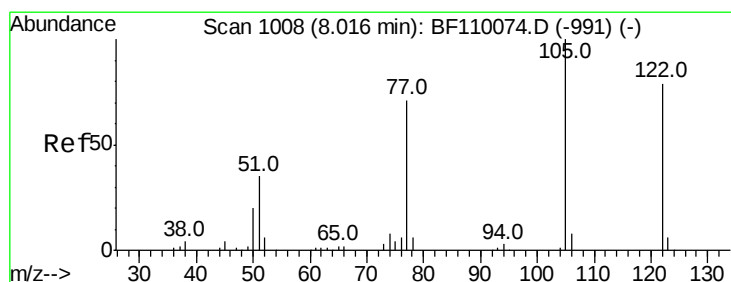
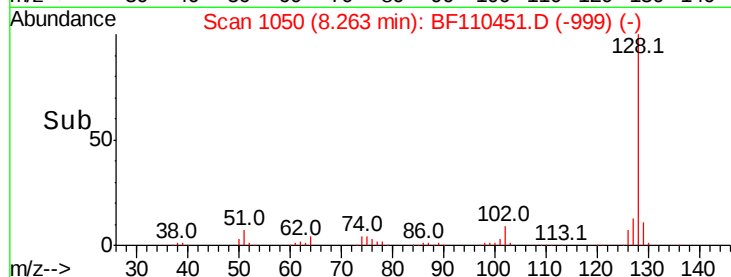
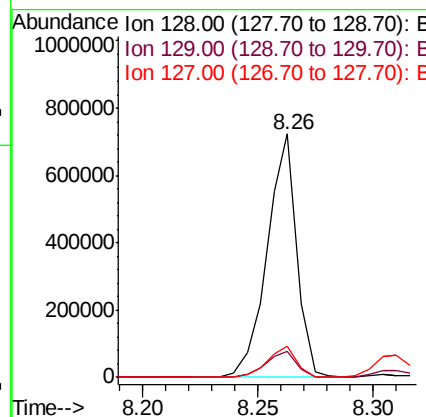
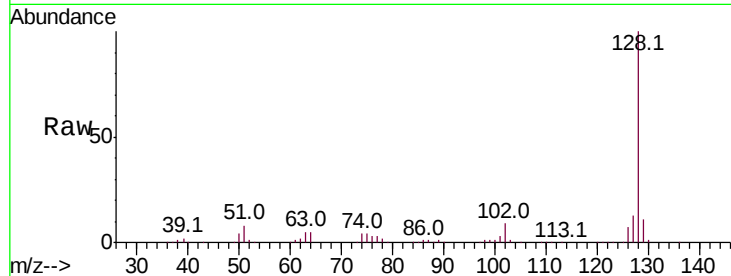
#31
Naphthalene
Concen: 48.674 ng
RT: 8.26 min Scan# 1050
Delta R.T. 0.00 min
Lab File: BF110451.D
Acq: 3 Nov 2018 10:20

Instrument :
BNA_F
ClientSampleId :
PB114423BS

Tot Ion	Ratio	Lower	Upper
128	100		
129	10.7	8.8	13.2
127	12.8	10.8	16.2

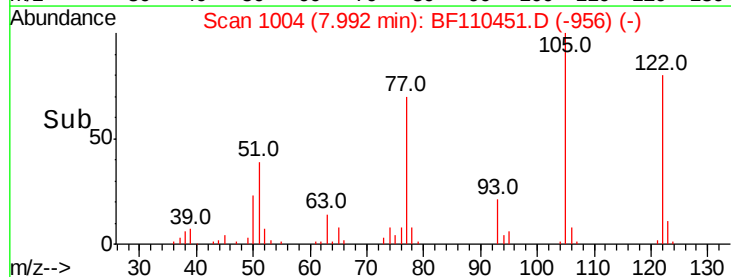
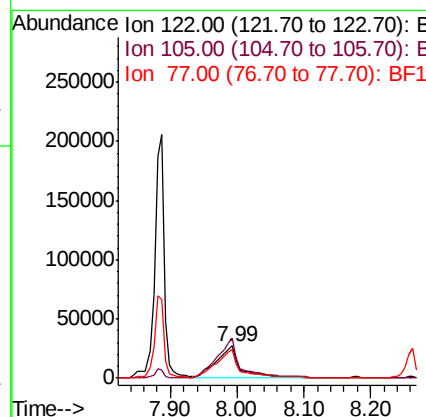
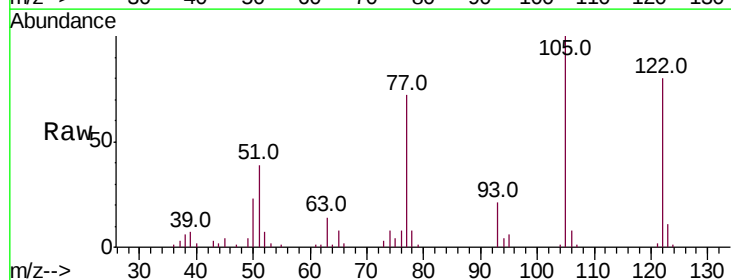
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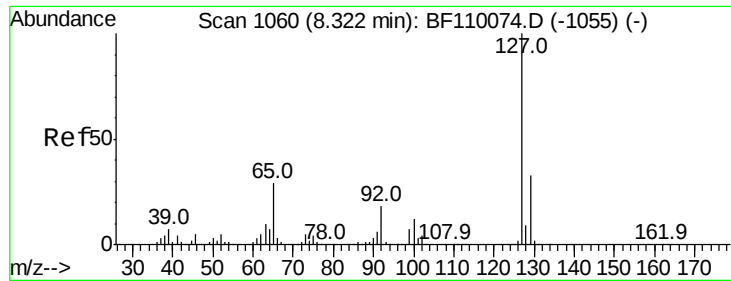
Sohil
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#32
Benzoic acid
Concen: 22.606 ng
RT: 7.99 min Scan# 1004
Delta R.T. -0.02 min
Lab File: BF110451.D
Acq: 3 Nov 2018 10:20

Tgt Ion	Ratio	Lower	Upper
122	100		
105	124.6	109.0	149.0
77	90.2	79.0	119.0





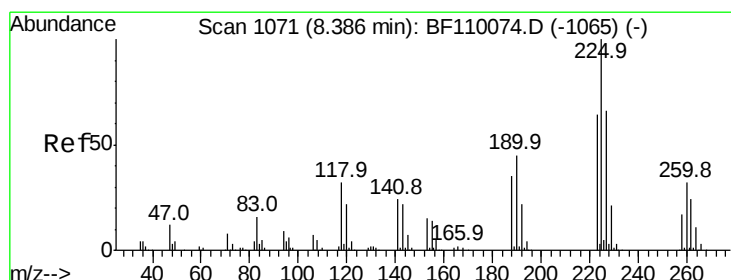
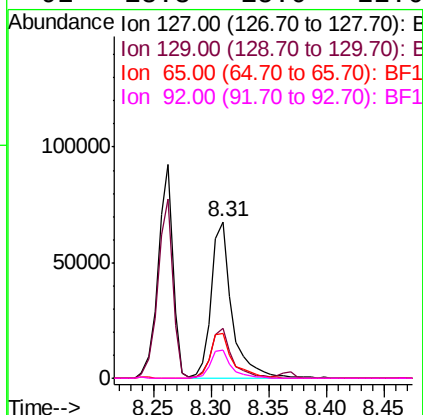
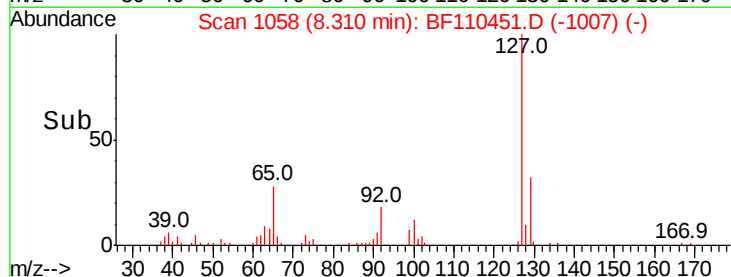
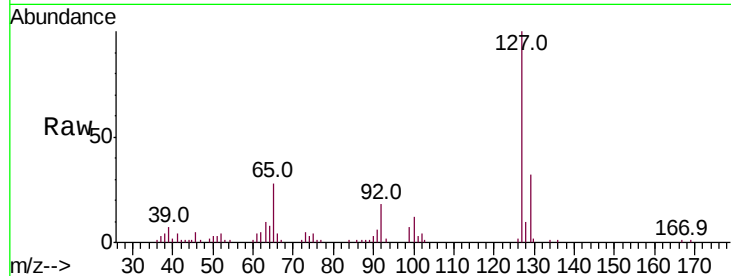
#33
4-Chloroaniline
Concen: 14.239 ng
RT: 8.31 min Scan# 1058
Delta R.T. 0.00 min
Lab File: BF110451.D
Acq: 3 Nov 2018 10:20

Instrument :
BNA_F
ClientSampleId :
PB114423BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100				
129	32.2	26.0	39.0		
65	28.5	25.1	37.7		
92	18.3	15.0	22.6		

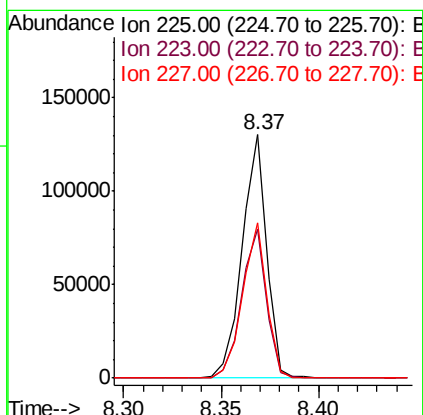
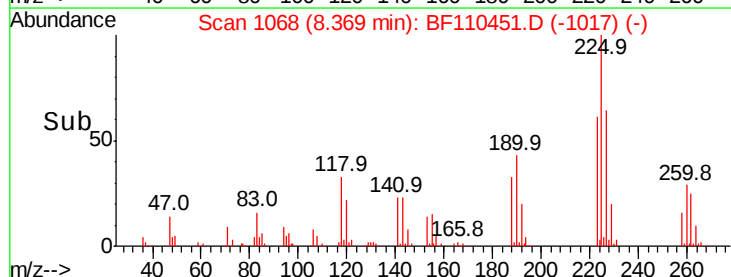
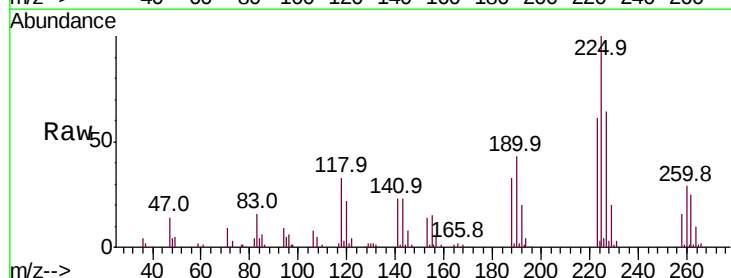
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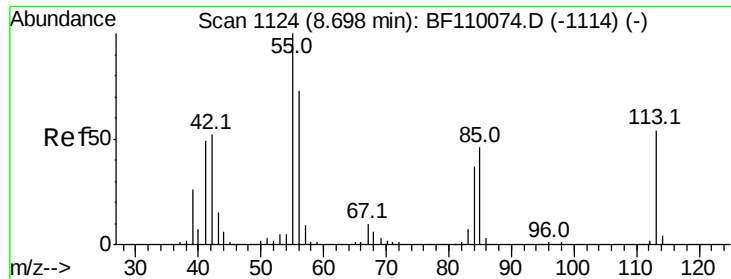
Sohil
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#34
Hexachlorobutadiene
Concen: 45.665 ng
RT: 8.37 min Scan# 1068
Delta R.T. 0.00 min
Lab File: BF110451.D
Acq: 3 Nov 2018 10:20

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100				
223	61.4	51.4	77.2		
227	63.7	51.0	76.6		





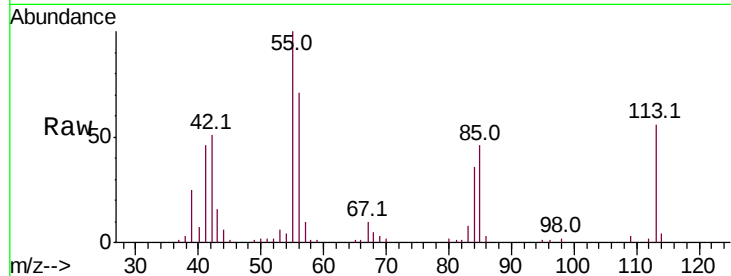
#35
Caprolactam
Concen: 39.790 ng/ml
RT: 8.68 min Scan# 1121
Delta R.T. -0.01 min
Lab File: BF110451.D
Acq: 3 Nov 2018 10:20

Instrument :
BNA_F
ClientSampleID :
PB114423BS

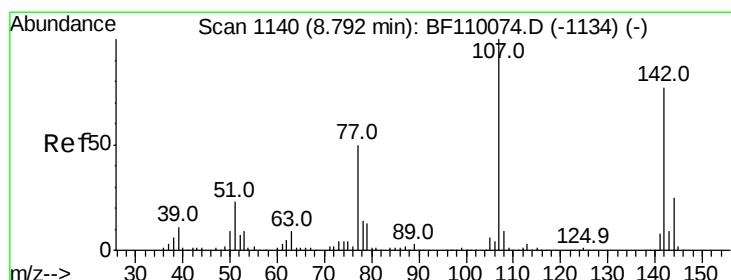
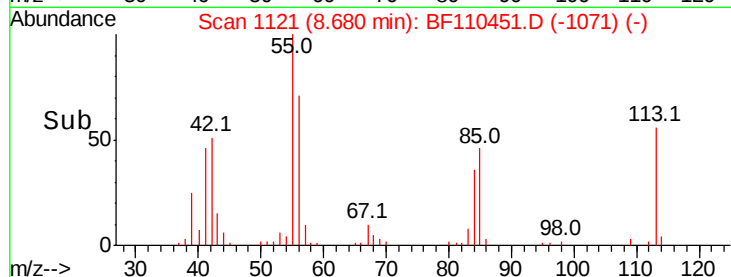
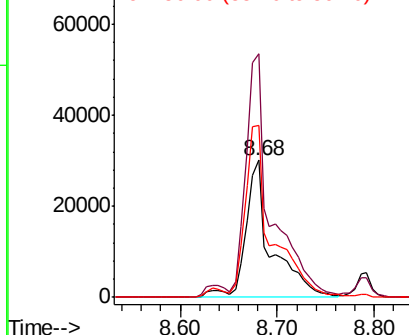
Tot Ion	Ratio	Lower	Upper
113	100		
55	177.6	142.8	182.8
56	125.5	105.0	145.0

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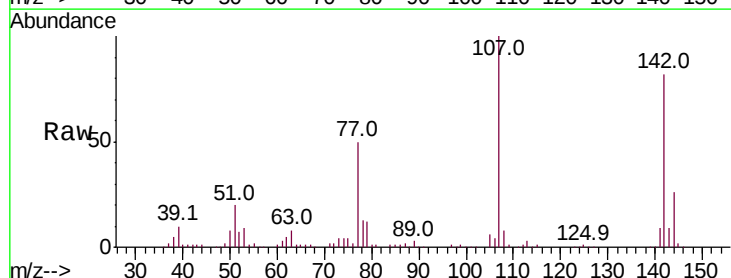


Abundance Ion 113.00 (112.70 to 113.70): E
Ion 55.00 (54.70 to 55.70): BF1
Ion 56.00 (55.70 to 56.70): BF1

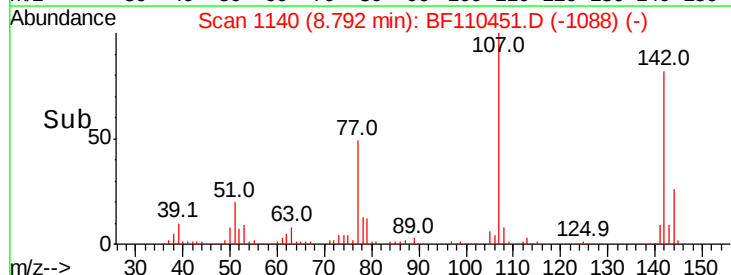
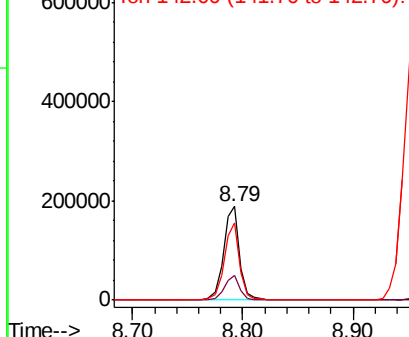


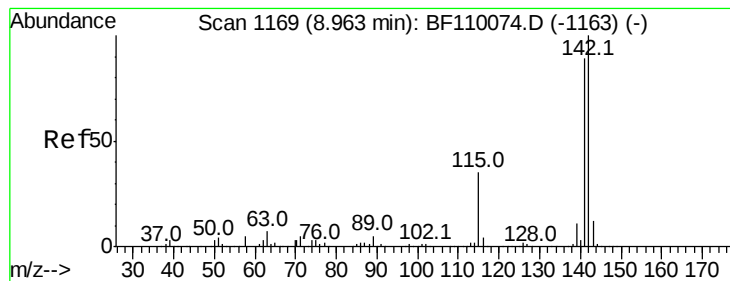
#36
4-Chloro-3-methylphenol
Concen: 44.103 ng/ml
RT: 8.79 min Scan# 1140
Delta R.T. 0.01 min
Lab File: BF110451.D
Acq: 3 Nov 2018 10:20

Tgt Ion	Ratio	Lower	Upper
107	100		
144	26.3	20.0	30.0
142	81.9	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





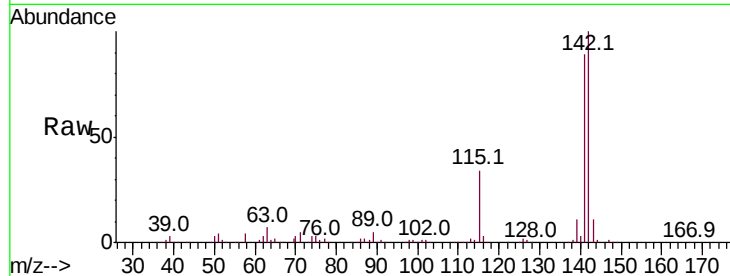
#37
2-Methylnaphthalene
Concen: 49.612 ng
RT: 8.95 min Scan# 1167
Delta R.T. 0.00 min
Lab File: BF110451.D
Acq: 3 Nov 2018 10:20

Instrument :
BNA_F
ClientSampleId :
PB114423BS

Tot Ion	Ratio	Resp	Lower	Upper
142	100	434452		
141	88.7	71.4	107.2	
115	33.7	28.7	43.1	

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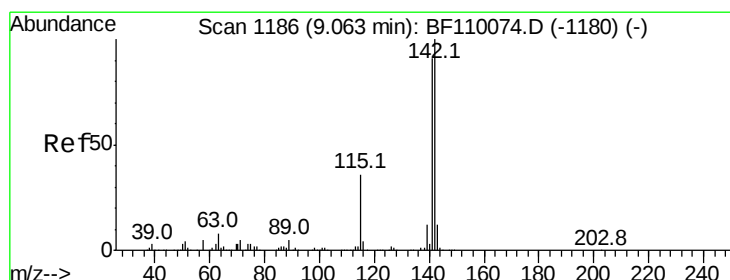
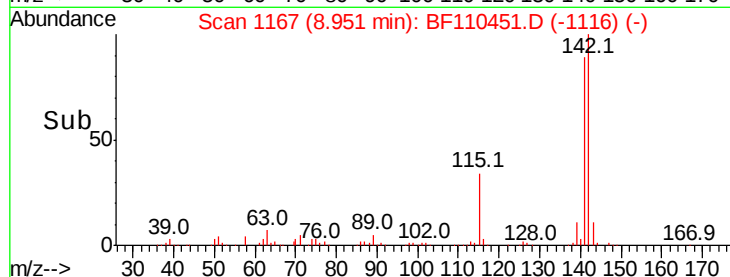
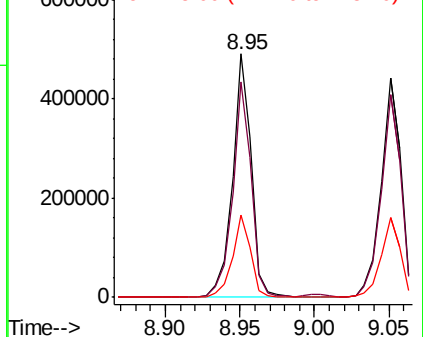


Abundance

Ion 142.00 (141.70 to 142.70): E

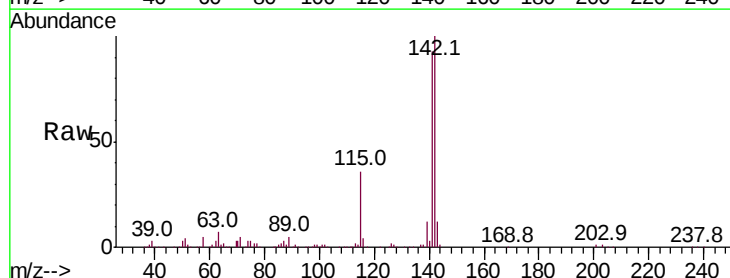
Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38
1-Methylnaphthalene
Concen: 47.332 ng
RT: 9.05 min Scan# 1184
Delta R.T. -0.01 min
Lab File: BF110451.D
Acq: 3 Nov 2018 10:20

Tgt Ion	Ratio	Resp	Lower	Upper
142	100	400543		
141	92.9	74.2	111.4	
116	3.8	2.6	4.0	

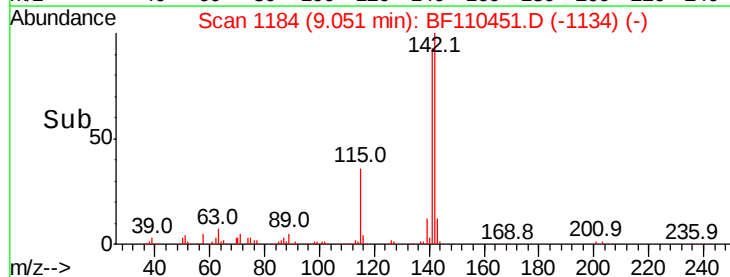
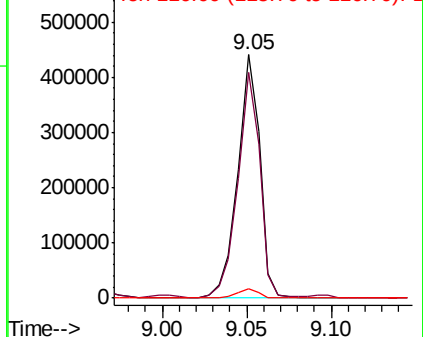


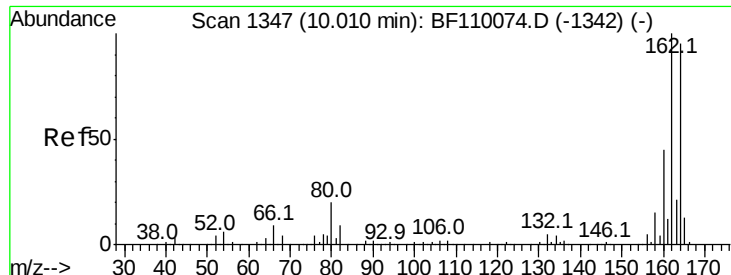
Abundance

Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E





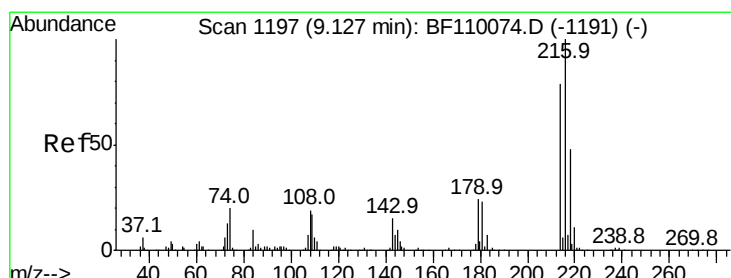
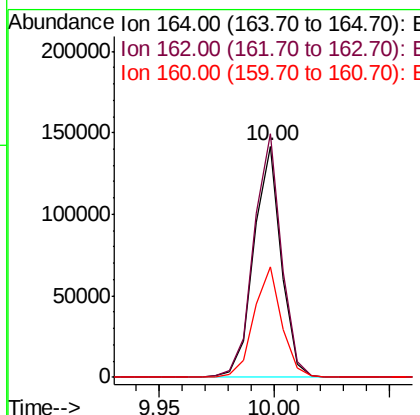
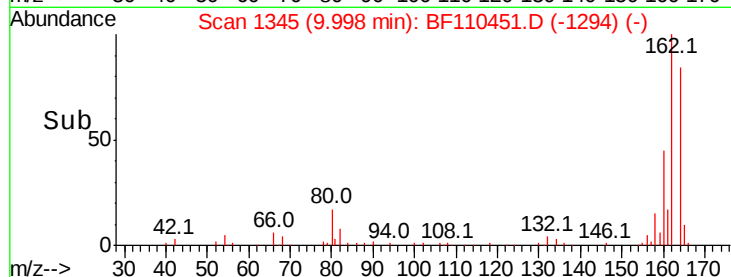
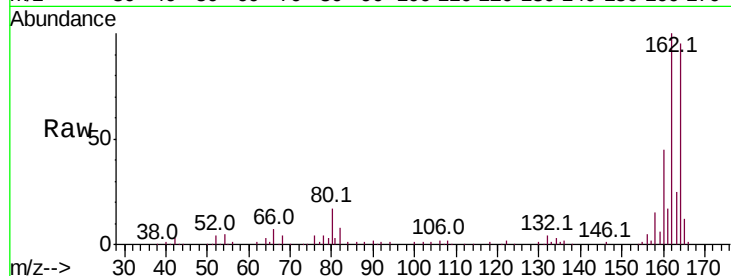
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.00 min Scan# 1345
Delta R.T. 0.00 min
Lab File: BF110451.D
Acq: 3 Nov 2018 10:20

Instrument :
BNA_F
ClientSampleId :
PB114423BS

Tot Ion	Ratio	Lower	Upper
164	100		
162	105.3	83.0	124.6
160	47.6	37.0	55.6

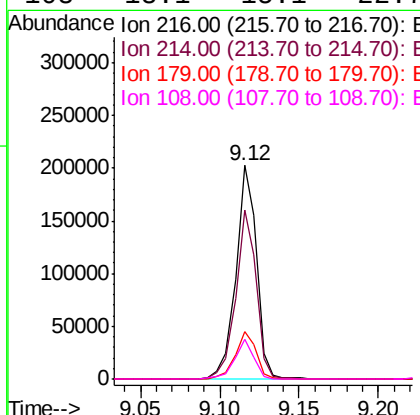
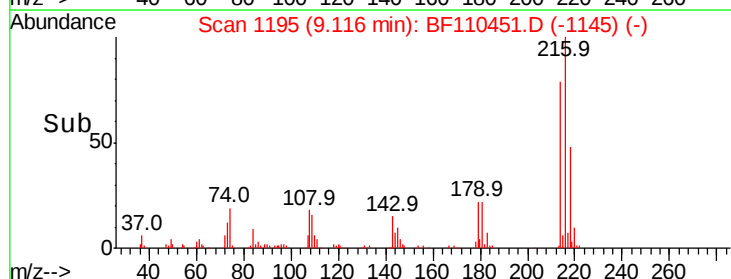
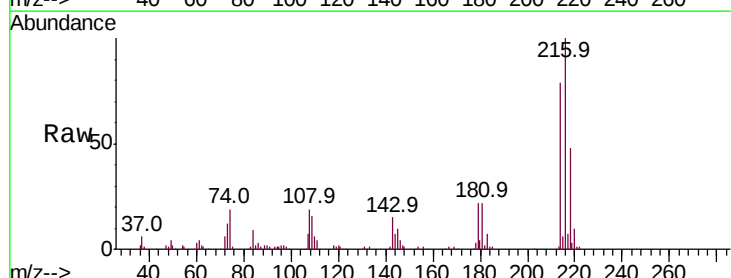
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#40
1,2,4,5-Tetrachlorobenzene
Concen: 49.873 ng
RT: 9.12 min Scan# 1195
Delta R.T. -0.01 min
Lab File: BF110451.D
Acq: 3 Nov 2018 10:20

Tgt Ion	Ratio	Lower	Upper
216	100		
214	78.5	63.8	95.6
179	22.3	16.6	25.0
108	18.1	15.1	22.7





#41

Hexachlorocyclopentadiene

Concen: 15.414 ng

RT: 9.10 min Scan# 1192

Delta R.T. 0.00 min

Lab File: BF110451.D

Acq: 3 Nov 2018 10:20

Instrument :

BNA_F

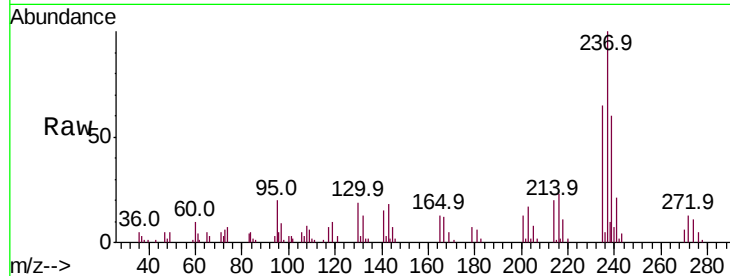
ClientSampleId :

PB114423BS

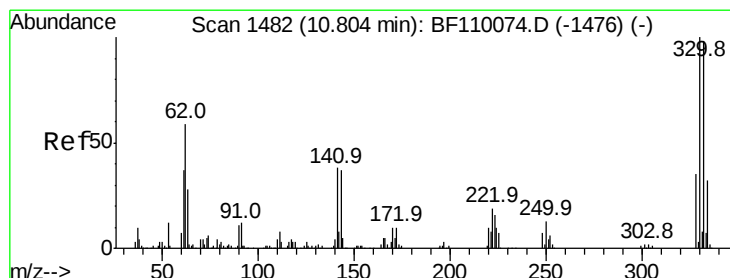
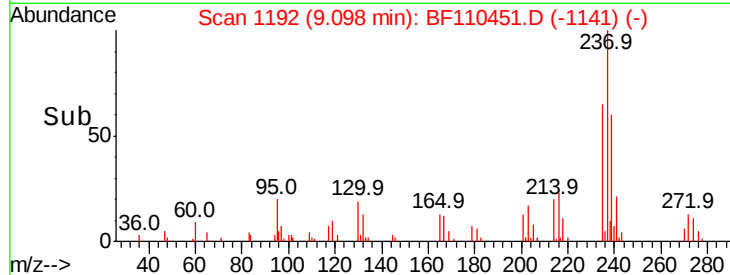
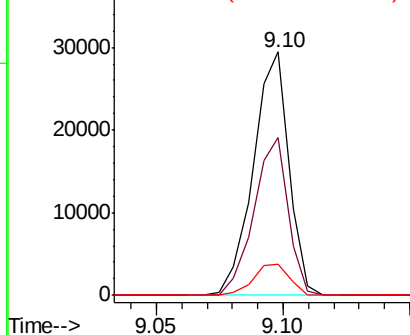
Tot Ion:	237	Resp:	28800
Ion Ratio	Lower	Upper	
237	100		
235	64.9	43.1	83.1
272	12.8	0.0	32.6

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



#42

2,4,6-Tribromophenol

Concen: 84.388 ng

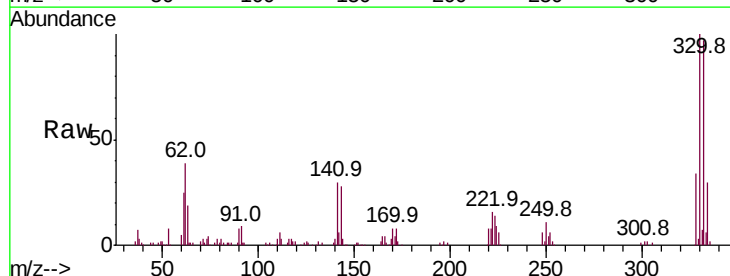
RT: 10.79 min Scan# 1480

Delta R.T. 0.00 min

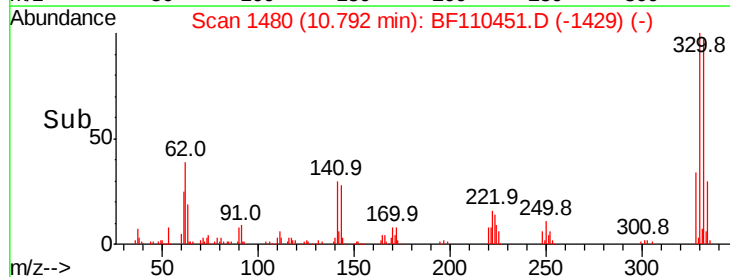
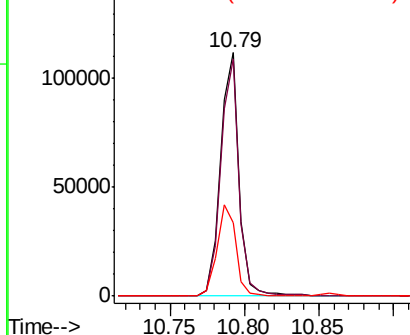
Lab File: BF110451.D

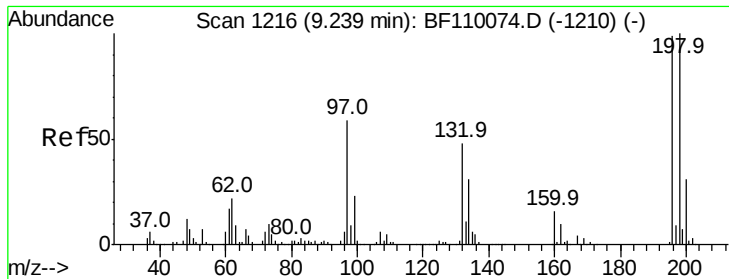
Acq: 3 Nov 2018 10:20

Tgt Ion:	330	Resp:	98035
Ion Ratio	Lower	Upper	
330	100		
332	96.3	77.1	115.7
141	37.7	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





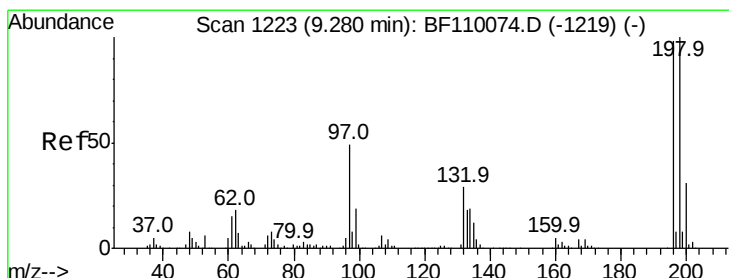
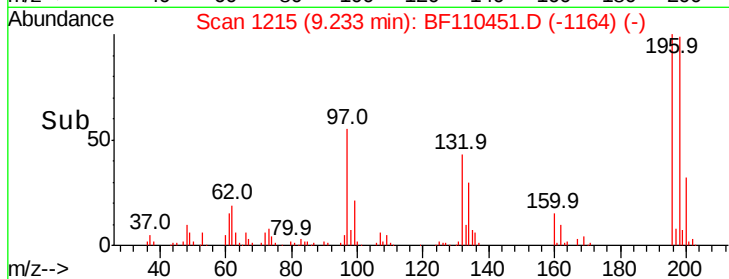
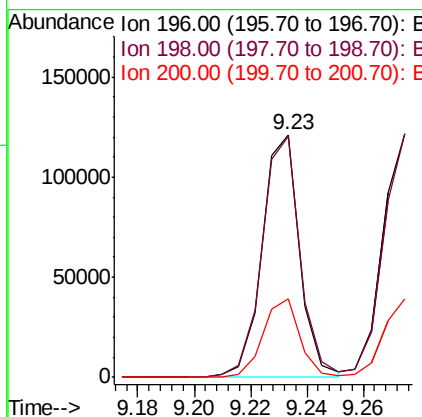
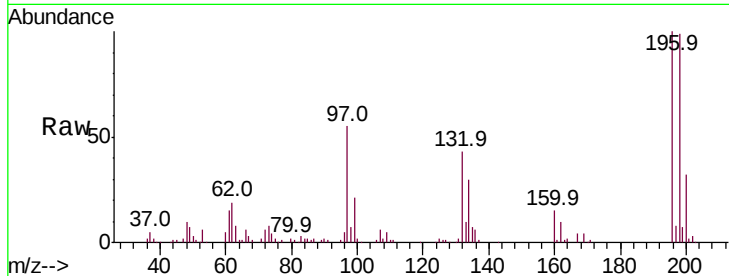
#43
 2,4,6-Trichlorophenol
 Concen: 47.273 ng
 RT: 9.23 min Scan# 1215
 Delta R.T. 0.00 min
 Lab File: BF110451.D
 Acq: 3 Nov 2018 10:20

Instrument :
 BNA_F
 ClientSampleId :
 PB114423BS

Tot Ion	Ratio	Resp	Lower	Upper
196	100	111417		
198	99.5	76.2	114.4	
200	32.4	24.4	36.6	

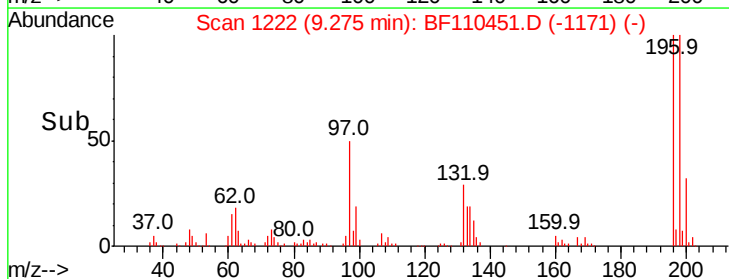
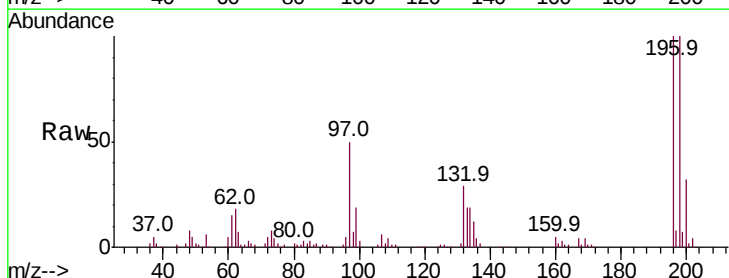
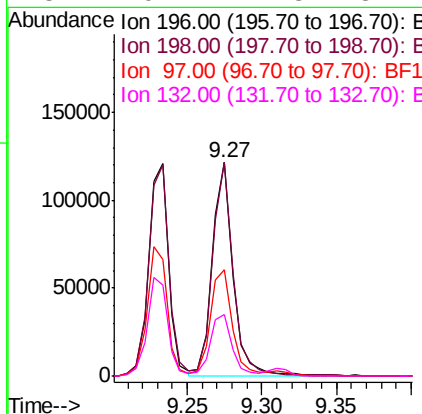
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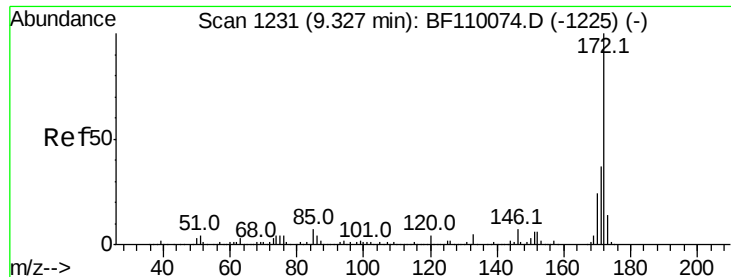
Sohil
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#44
 2,4,5-Trichlorophenol
 Concen: 47.358 ng
 RT: 9.27 min Scan# 1222
 Delta R.T. 0.00 min
 Lab File: BF110451.D
 Acq: 3 Nov 2018 10:20

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	117984		
198	99.8	75.8	113.6	
97	49.8	42.4	63.6	
132	29.1	22.8	34.2	





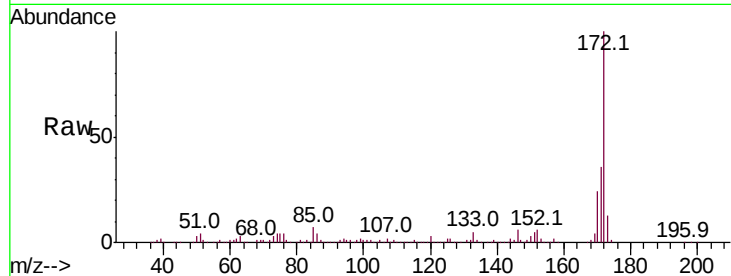
#45
2-Fluorobiphenyl
Concen: 114.483 ng
RT: 9.31 min Scan# 1228
Delta R.T. -0.01 min
Lab File: BF110451.D
Acq: 3 Nov 2018 10:20

Instrument :
BNA_F
ClientSampleId :
PB114423BS

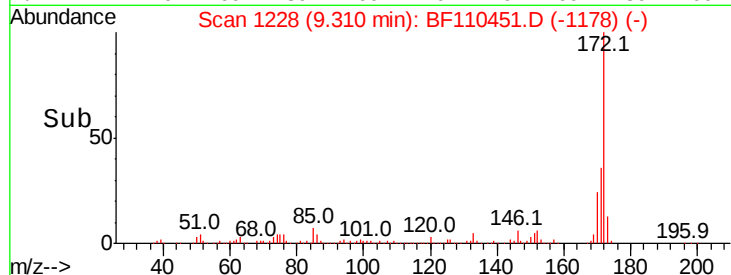
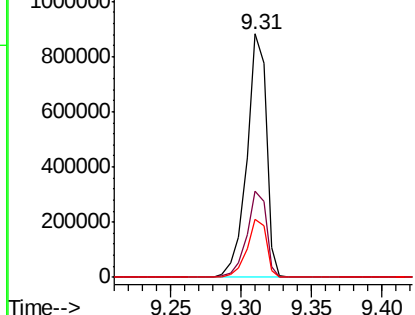
Tot Ion	Ratio	Lower	Upper
172	100		
171	35.5	28.6	43.0
170	24.0	19.7	29.5

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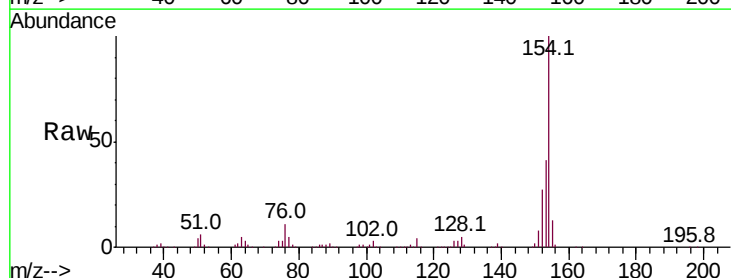
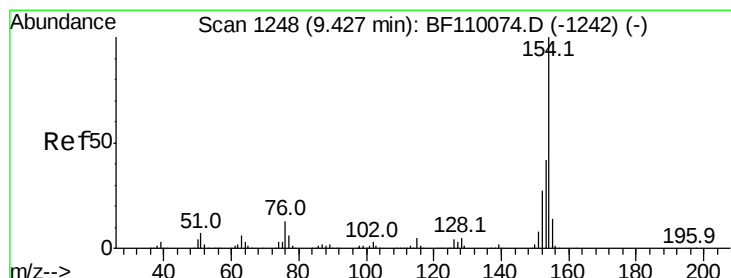
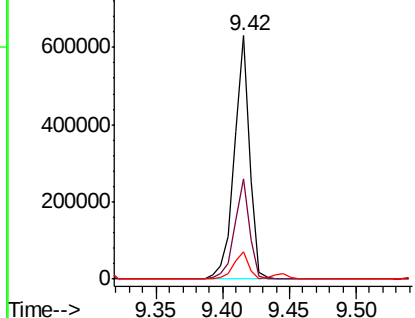
Abundance Ion 172.00 (171.70 to 172.70): E
1200000
Ion 171.00 (170.70 to 171.70): E
1000000
Ion 170.00 (169.70 to 170.70): E
800000
600000
400000
200000
0

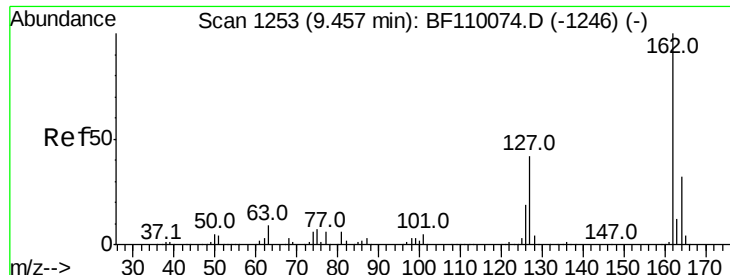


#46
1,1'-Biphenyl
Concen: 48.245 ng
RT: 9.42 min Scan# 1246
Delta R.T. 0.00 min
Lab File: BF110451.D
Acq: 3 Nov 2018 10:20

Tgt Ion	Ratio	Lower	Upper
154	100		
153	41.0	20.4	60.4
76	11.3	0.0	31.9

Abundance Ion 154.00 (153.70 to 154.70): E
800000
Ion 153.00 (152.70 to 153.70): E
600000
Ion 76.00 (75.70 to 76.70): BF1
400000
200000
0





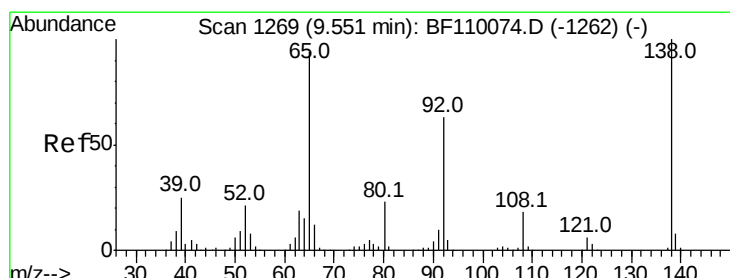
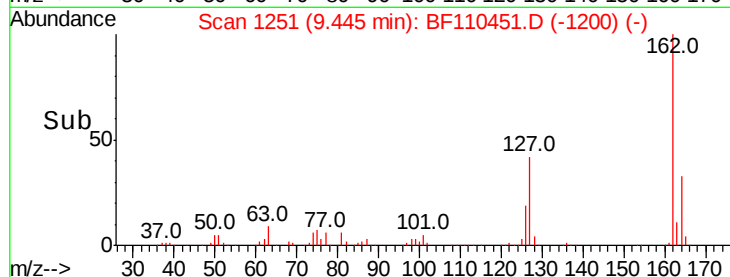
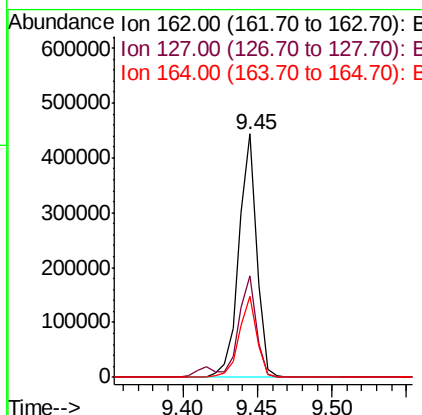
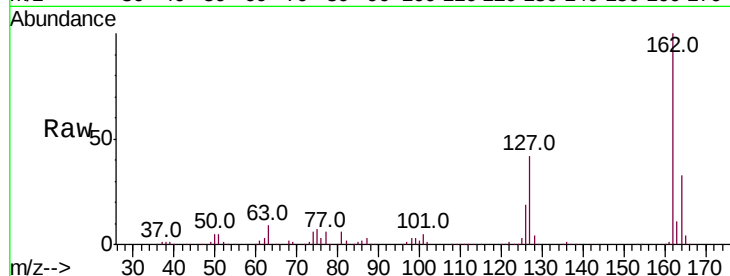
#47
 2-Chloronaphthalene
 Concen: 47.736 ng
 RT: 9.45 min Scan# 1251
 Delta R.T. 0.00 min
 Lab File: BF110451.D
 Acq: 3 Nov 2018 10:20

Instrument :
 BNA_F
 ClientSampleId :
 PB114423BS

Tot Ion	Ratio	Lower	Upper
162	100		
127	41.5	32.6	48.8
164	33.2	25.9	38.9

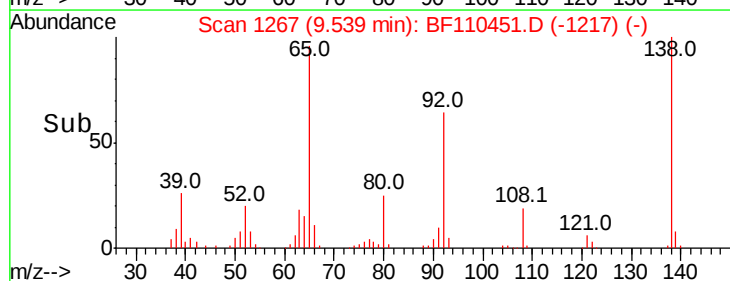
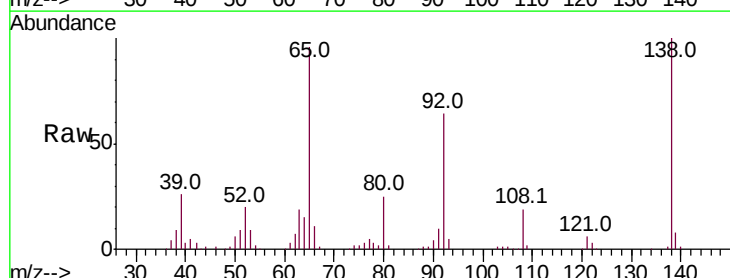
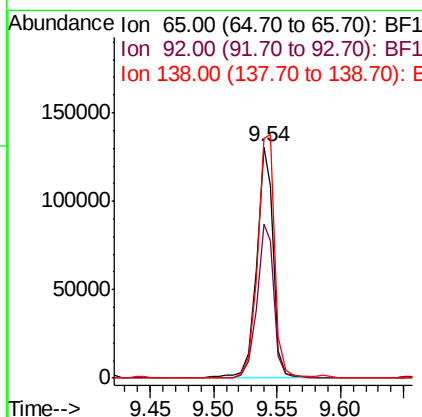
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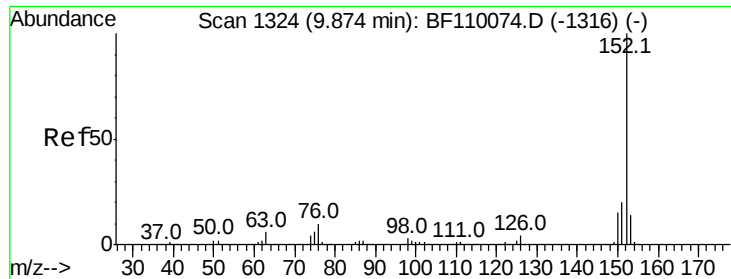
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#48
 2-Nitroaniline
 Concen: 51.738 ng
 RT: 9.54 min Scan# 1267
 Delta R.T. -0.01 min
 Lab File: BF110451.D
 Acq: 3 Nov 2018 10:20

Tgt Ion	Ratio	Lower	Upper
65	100		
92	66.6	54.6	81.8
138	104.0	80.3	120.5





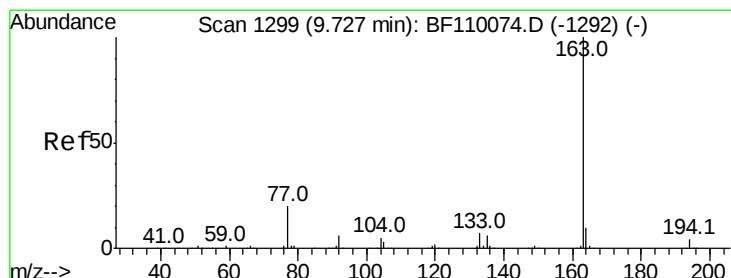
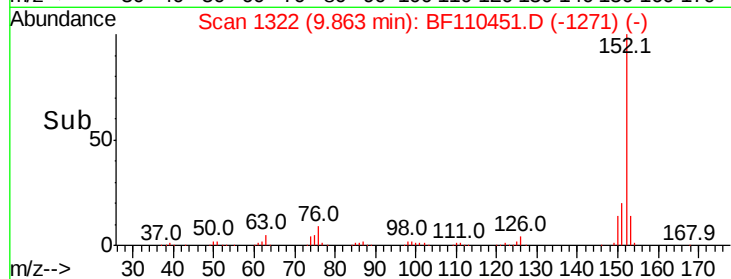
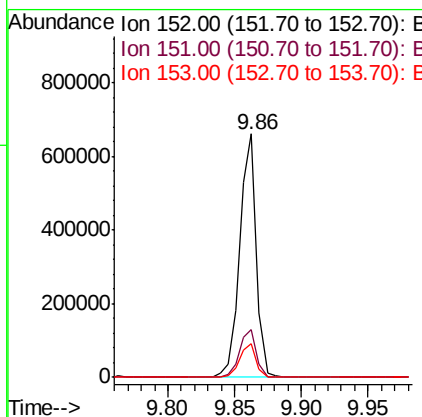
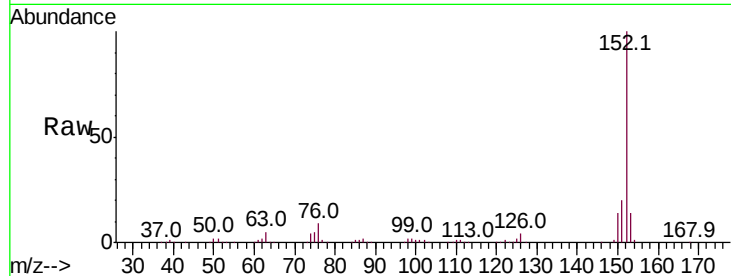
#49
Acenaphthylene
Concen: 50.669 ng
RT: 9.86 min Scan# 1322
Delta R.T. 0.00 min
Lab File: BF110451.D
Acq: 3 Nov 2018 10:20

Instrument :
BNA_F
ClientSampleId :
PB114423BS

Tot Ion	Ratio	Lower	Upper
152	100		
151	19.8	15.8	23.8
153	13.7	10.4	15.6

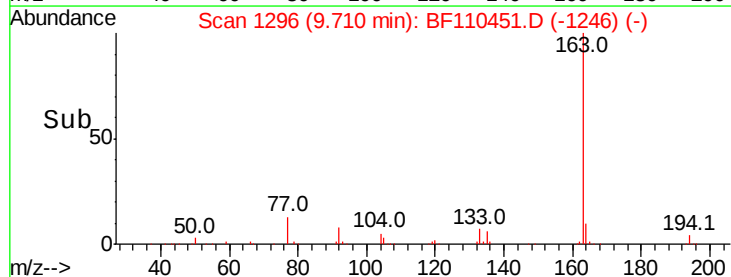
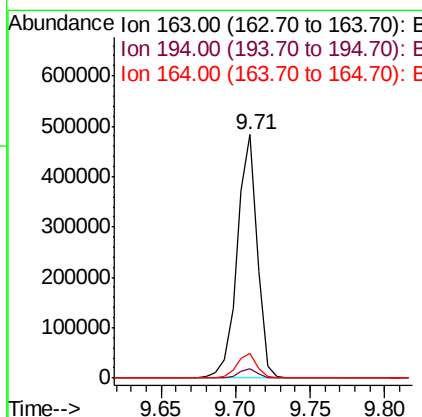
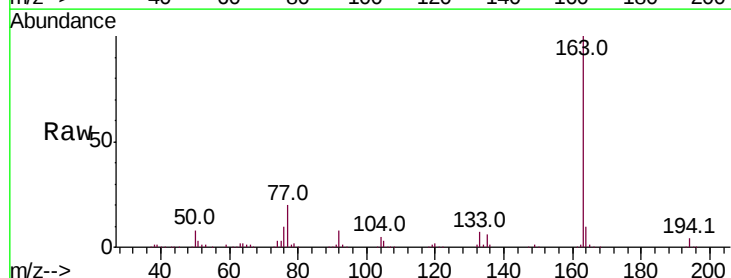
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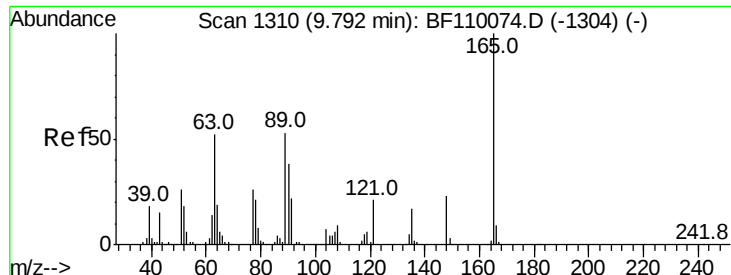
Sohil
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#50
Dimethylphthalate
Concen: 52.387 ng
RT: 9.71 min Scan# 1296
Delta R.T. -0.01 min
Lab File: BF110451.D
Acq: 3 Nov 2018 10:20

Tgt Ion	Ratio	Lower	Upper
163	100		
194	3.8	3.2	4.8
164	9.9	8.1	12.1





#51

2,6-Dinitrotoluene

Concen: 44.636 ng

RT: 9.78 min Scan# 1308

Delta R.T. 0.00 min

Lab File: BF110451.D

Acq: 3 Nov 2018 10:20

Instrument :

BNA_F

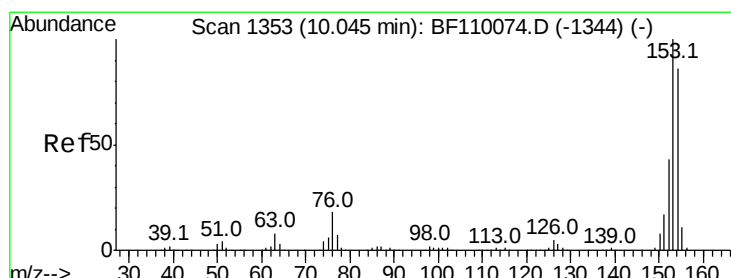
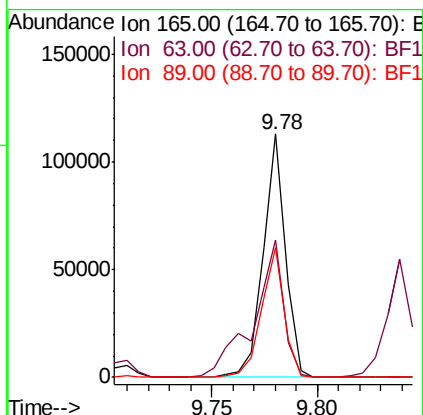
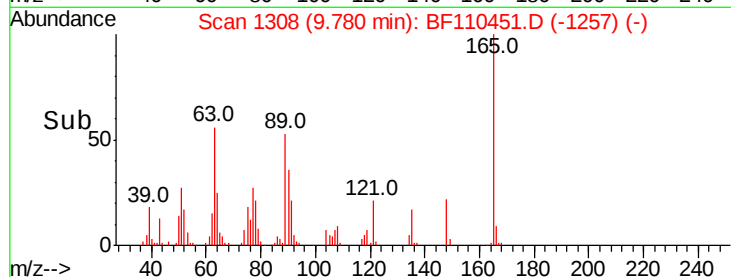
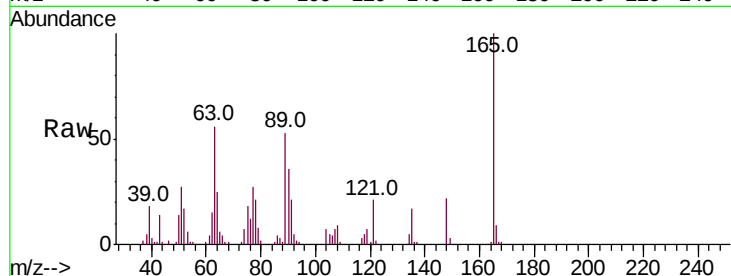
ClientSampleId :

PB114423BS

Tot Ion:	165	Resp:	83236
Ion Ratio	Lower	Upper	
165	100		
63	56.4	48.9	73.3
89	53.5	46.6	69.8

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#52

Acenaphthene

Concen: 45.345 ng

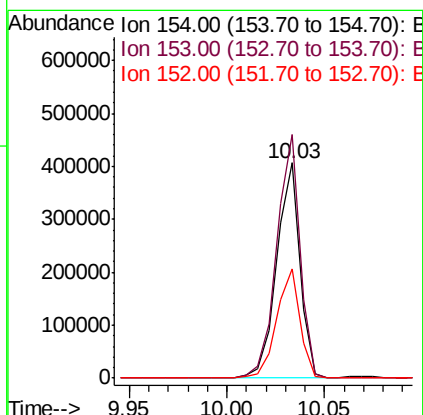
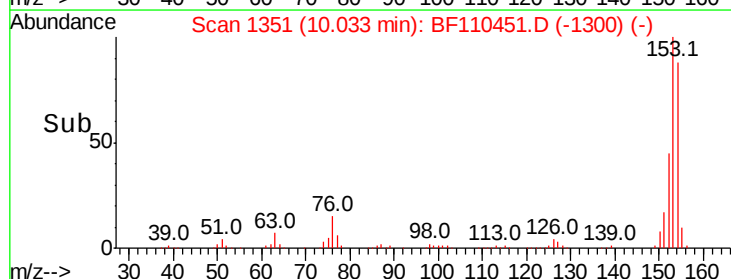
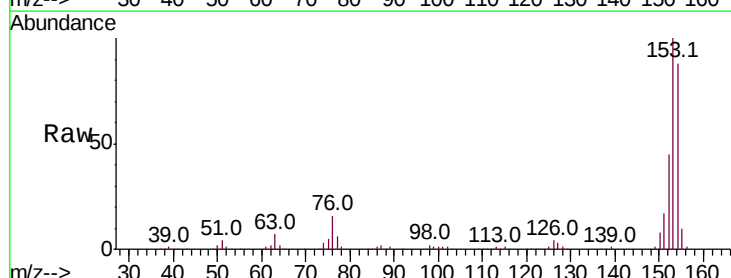
RT: 10.03 min Scan# 1351

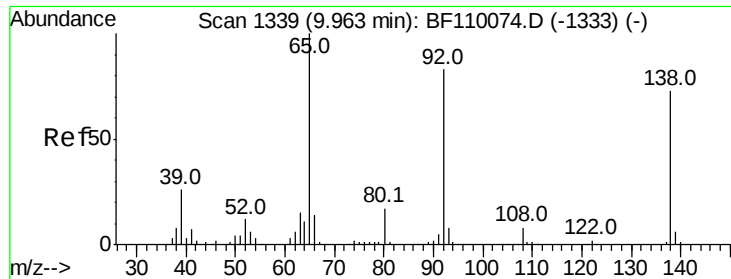
Delta R.T. 0.00 min

Lab File: BF110451.D

Acq: 3 Nov 2018 10:20

Tgt Ion:	154	Resp:	337061
Ion Ratio	Lower	Upper	
154	100		
153	113.1	90.1	135.1
152	50.9	43.4	65.2





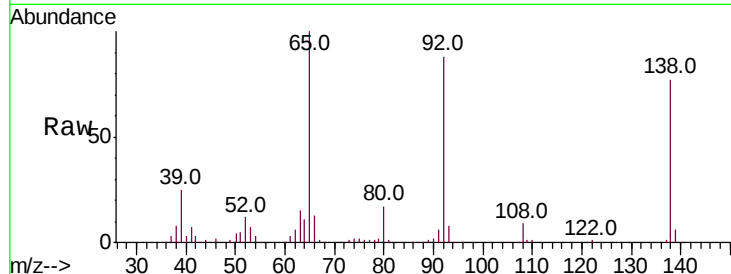
#53
3-Nitroaniline
Concen: 41.151 ng
RT: 9.95 min Scan# 1337
Delta R.T. -0.01 min
Lab File: BF110451.D
Acq: 3 Nov 2018 10:20

Instrument :
BNA_F
ClientSampleId :
PB114423BS

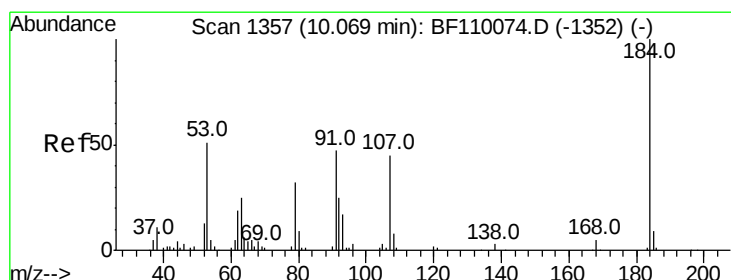
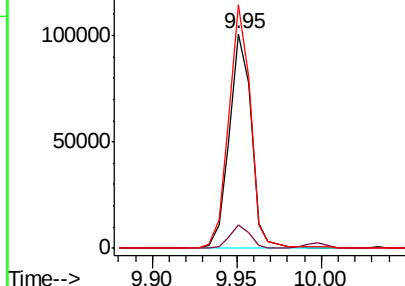
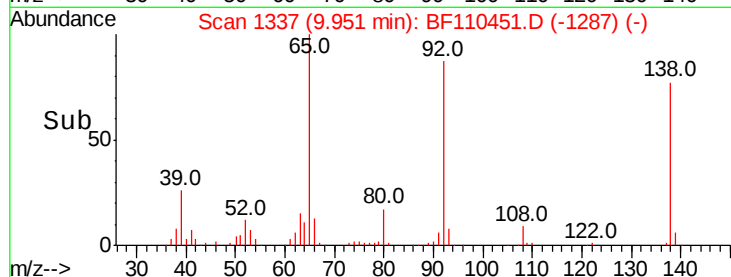
Tot Ion:138 Resp: 91256
Ion Ratio Lower Upper
138 100
108 11.2 8.7 13.1
92 113.6 97.0 145.4

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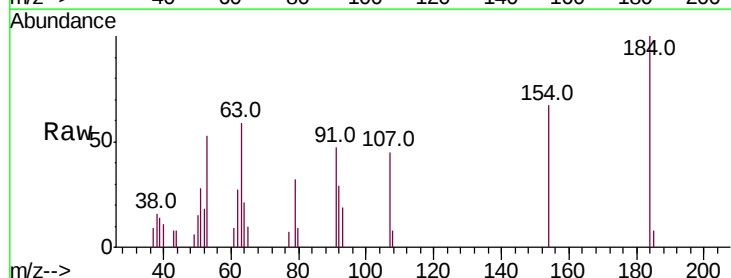


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BF1

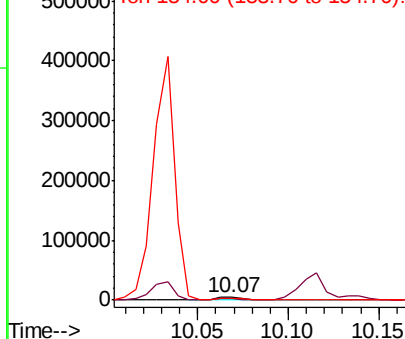
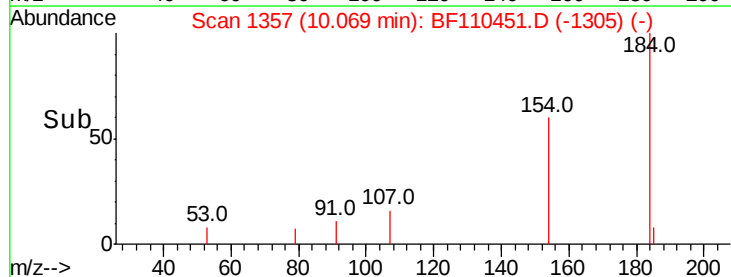


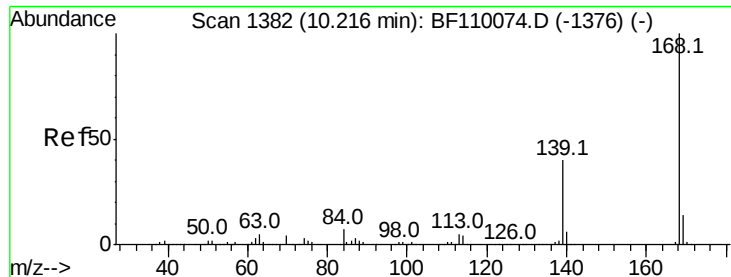
#54
2,4-Dinitrophenol
Concen: 12.956 ng
RT: 10.07 min Scan# 1357
Delta R.T. 0.01 min
Lab File: BF110451.D
Acq: 3 Nov 2018 10:20

Tgt Ion:184 Resp: 6157
Ion Ratio Lower Upper
184 100
63 58.5 55.8 83.6
154 66.7 63.2 94.8



Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 154.00 (153.70 to 154.70): E





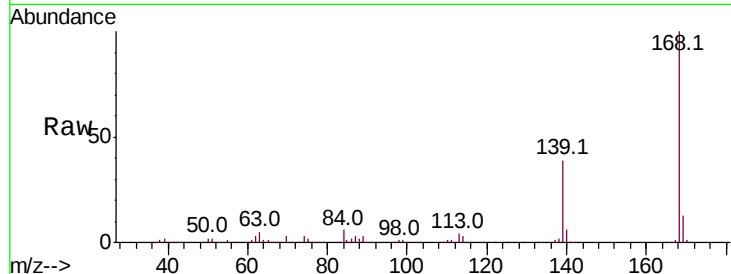
#55
Dibenzenofuran
Concen: 46.617 ng
RT: 10.20 min Scan# 1380
Delta R.T. 0.00 min
Lab File: BF110451.D
Acq: 3 Nov 2018 10:20

Instrument :
BNA_F
ClientSampleId :
PB114423BS

Tot Ion	Ratio	Resp	Lower	Upper
168	100	485152		
139	38.9	33.0	49.6	
169	13.5	11.3	16.9	

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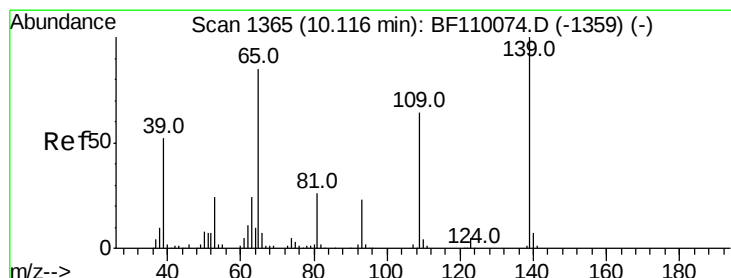
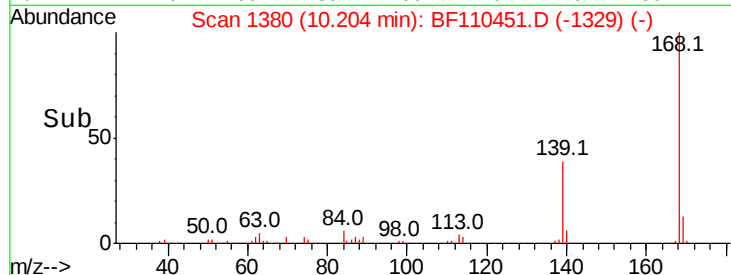
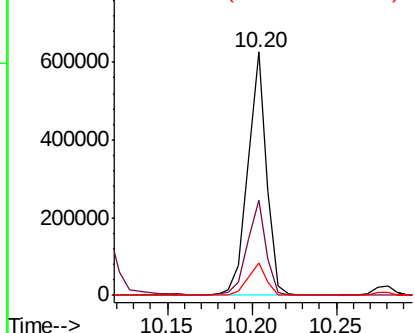


Abundance

Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



#56
4-Nitrophenol
Concen: 98.880 ng
RT: 10.12 min Scan# 1365
Delta R.T. 0.01 min
Lab File: BF110451.D
Acq: 3 Nov 2018 10:20

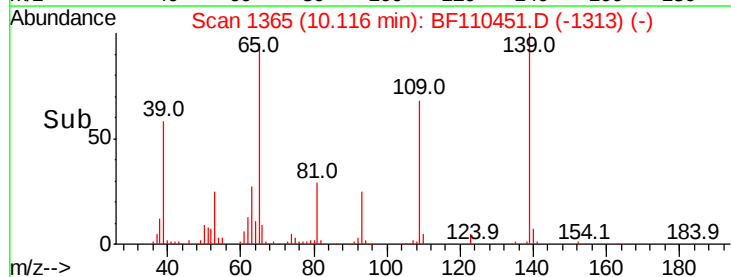
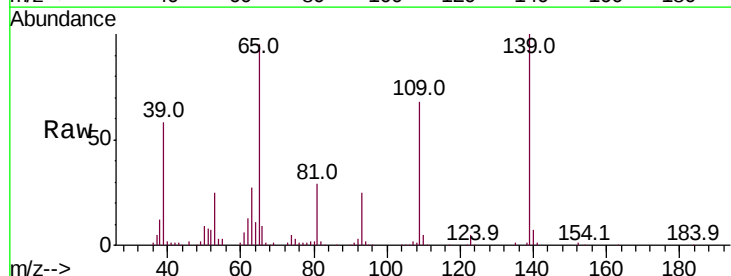
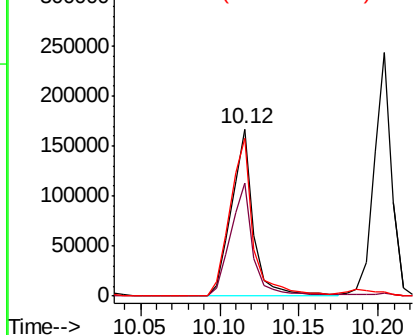
Tgt Ion	Ratio	Resp	Lower	Upper
139	100	162290		
109	67.5	55.8	95.8	
65	94.6	77.9	117.9	

Abundance

Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF1





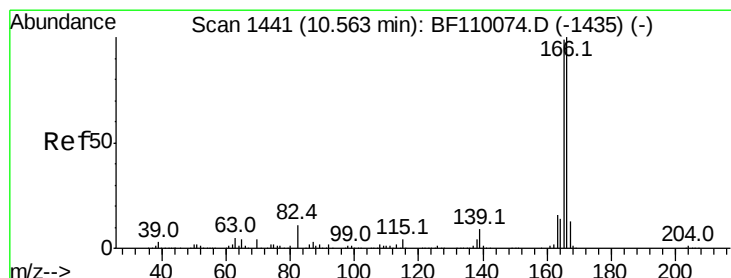
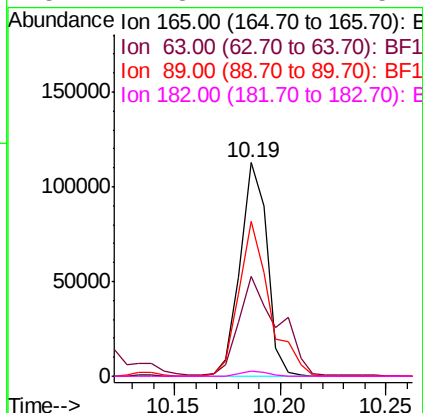
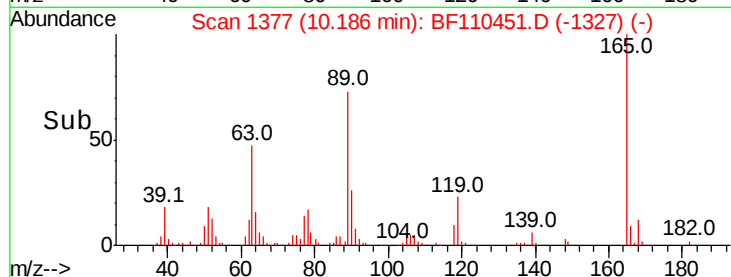
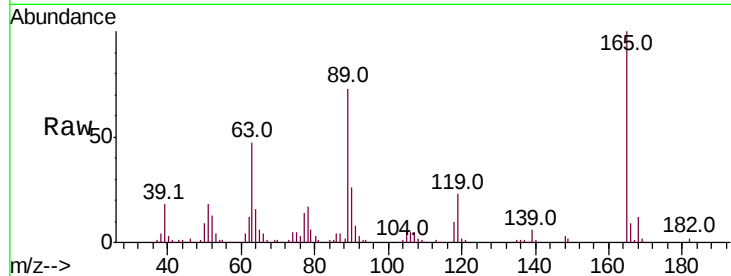
#57
2,4-Dinitrotoluene
Concen: 42.106 ng
RT: 10.19 min Scan# 1377
Delta R.T. -0.01 min
Lab File: BF110451.D
Acq: 3 Nov 2018 10:20

Instrument :
BNA_F
ClientSampleId :
PB114423BS

Tot Ion	Ratio	Lower	Upper
165	100		
63	46.9	44.8	67.2
89	72.8	62.2	93.4
182	2.3	2.1	3.1

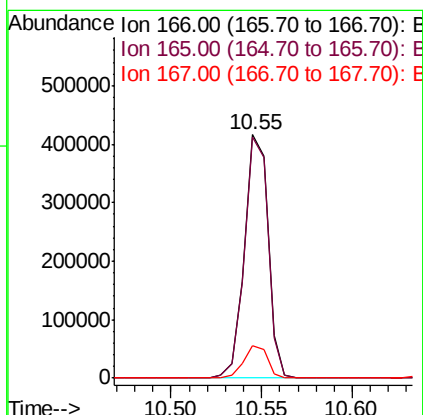
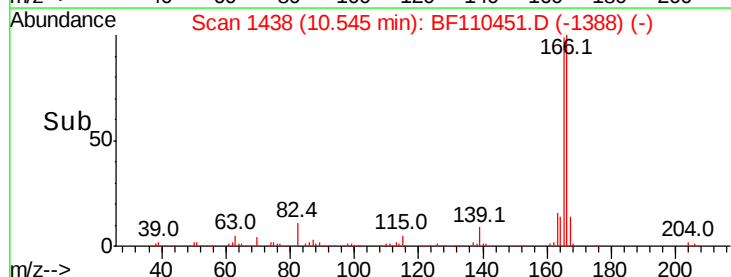
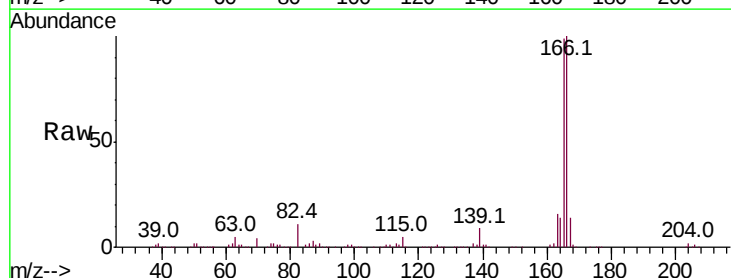
Manual Integrations
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#58
Fluorene
Concen: 48.719 ng
RT: 10.55 min Scan# 1438
Delta R.T. -0.01 min
Lab File: BF110451.D
Acq: 3 Nov 2018 10:20

Tgt Ion	Ratio	Lower	Upper
166	100		
165	99.2	78.6	117.8
167	13.6	10.8	16.2





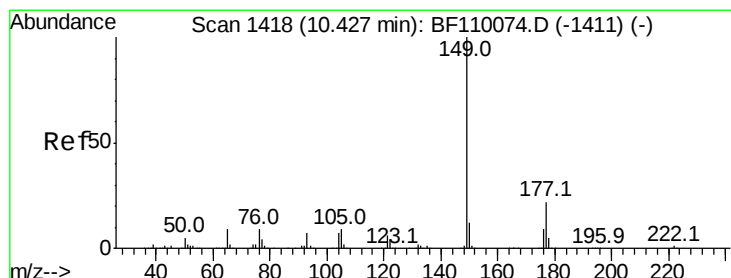
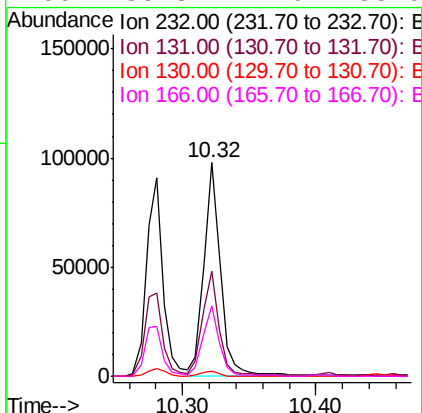
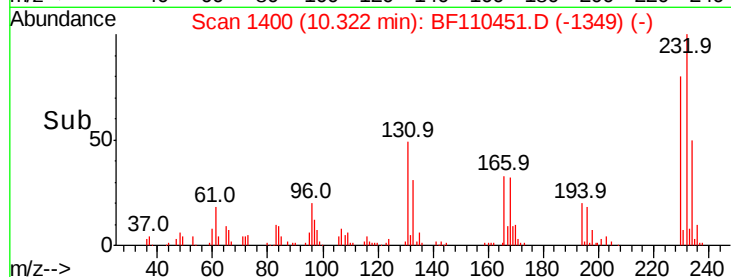
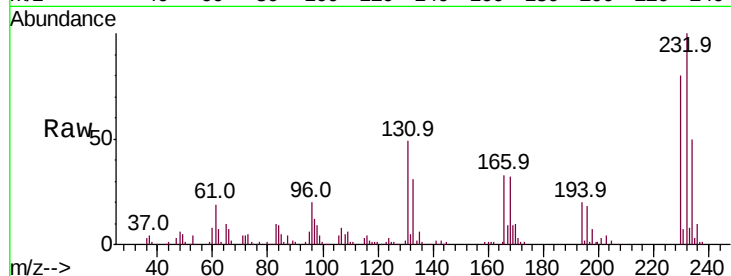
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 41.818 ng
 RT: 10.32 min Scan# 1400
 Delta R.T. 0.00 min
 Lab File: BF110451.D
 Acq: 3 Nov 2018 10:20

Instrument :
 BNA_F
 ClientSampleID :
 PB114423BS

Tot Ion	Ratio	Lower	Upper
232	100		
131	49.5	37.0	55.4
130	2.2	1.8	2.6
166	33.3	22.0	33.0

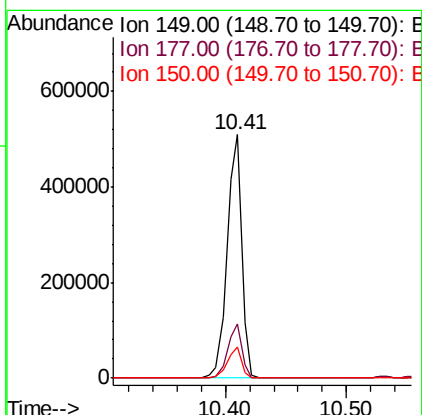
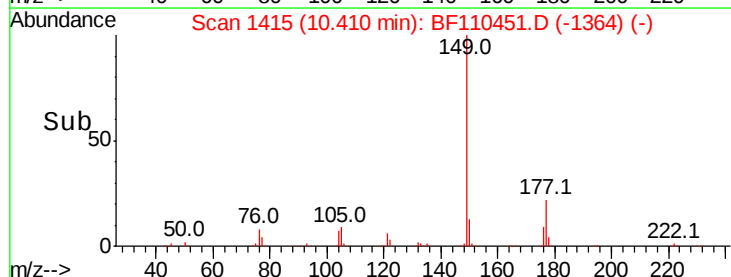
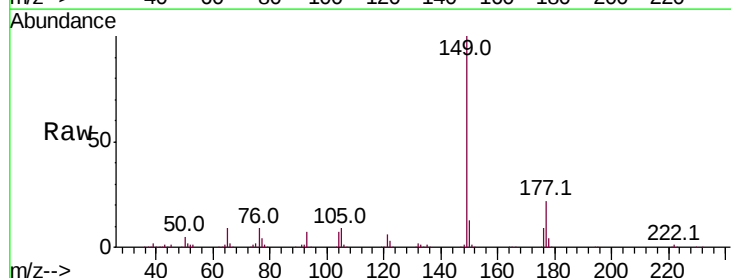
Manual Integrations
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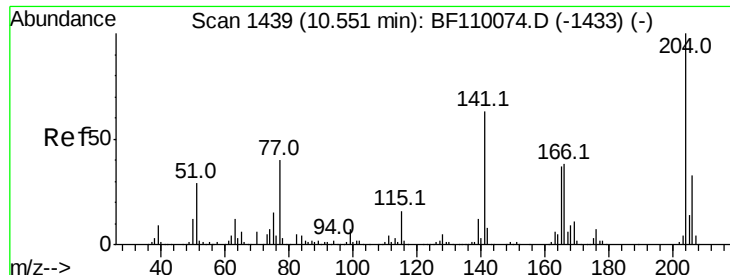
Sohil
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#60
 Diethylphthalate
 Concen: 50.454 ng
 RT: 10.41 min Scan# 1415
 Delta R.T. 0.00 min
 Lab File: BF110451.D
 Acq: 3 Nov 2018 10:20

Tgt Ion	Ratio	Lower	Upper
149	100		
177	22.2	17.4	26.2
150	12.5	9.8	14.8





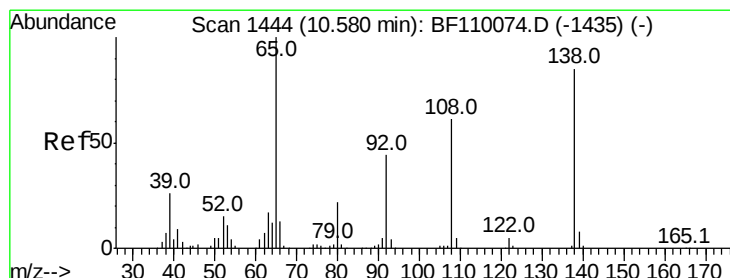
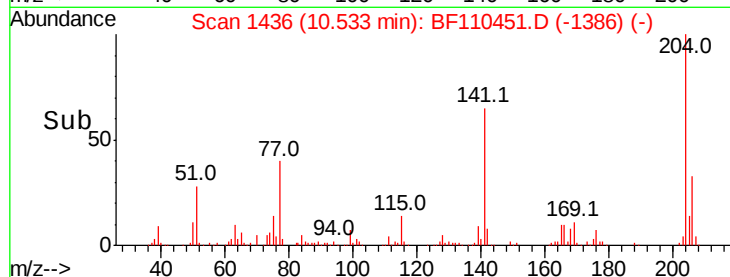
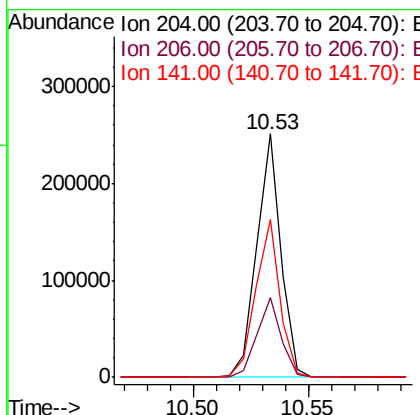
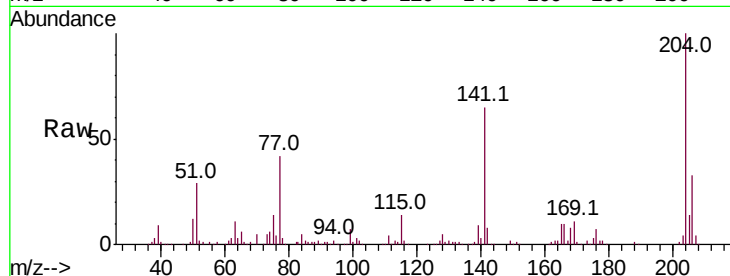
#61
4-Chlorophenyl-phenylether
Concen: 45.067 ng
RT: 10.53 min Scan# 1436
Delta R.T. -0.01 min
Lab File: BF110451.D
Acq: 3 Nov 2018 10:20

Instrument :
BNA_F
ClientSampleId :
PB114423BS

Tot Ion	Ratio	Lower	Upper
204	100		
206	32.6	26.5	39.7
141	64.6	51.8	77.8

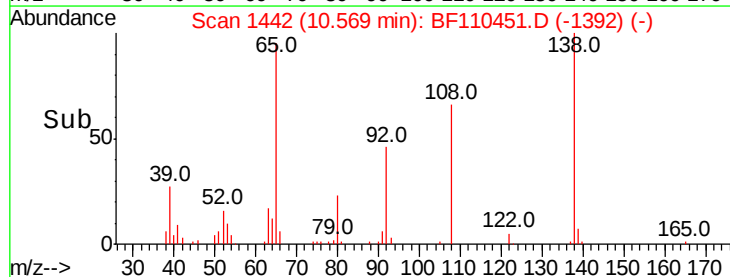
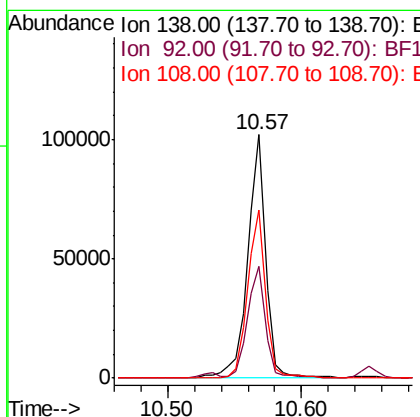
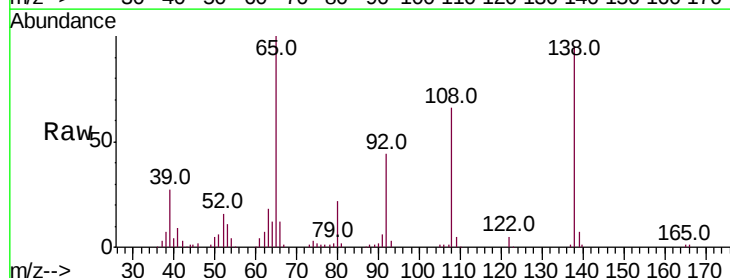
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#62
4-Nitroaniline
Concen: 42.845 ng
RT: 10.57 min Scan# 1442
Delta R.T. -0.01 min
Lab File: BF110451.D
Acq: 3 Nov 2018 10:20

Tgt Ion	Ratio	Lower	Upper
138	100		
92	46.1	31.7	71.7
108	69.0	59.3	99.3





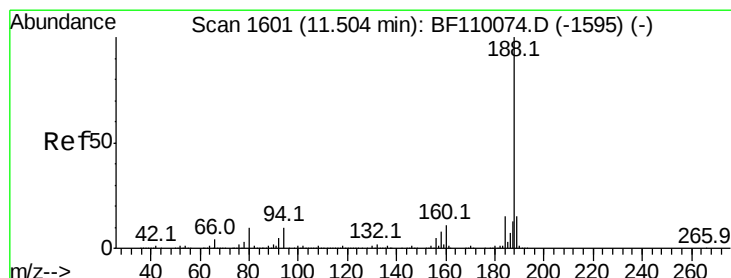
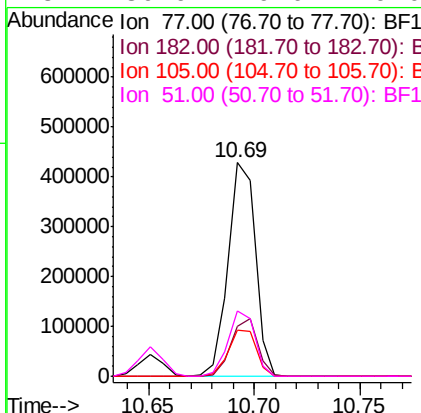
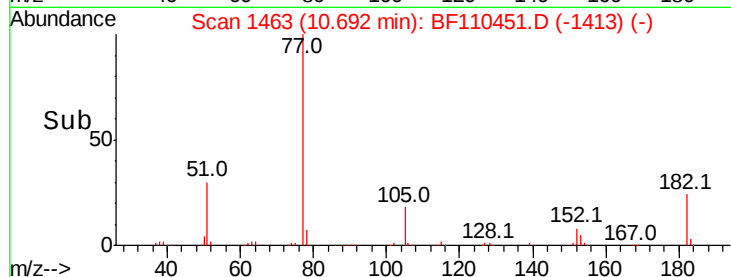
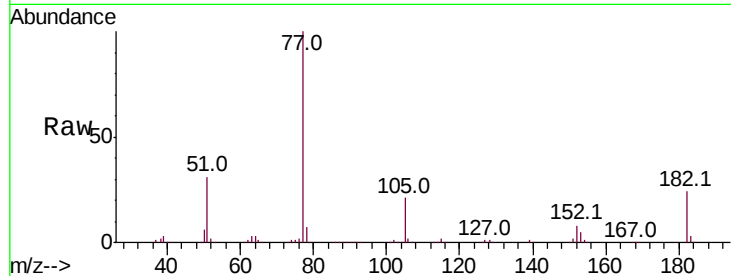
#63
Azobenzene
Concen: 45.498 ng
RT: 10.69 min Scan# 1463
Delta R.T. -0.01 min
Lab File: BF110451.D
Acq: 3 Nov 2018 10:20

Instrument :
BNA_F
ClientSampleId :
PB114423BS

Tot Ion	Ratio	Resp	Lower	Upper
77	100			
182	23.6	4.3	44.3	
105	21.4	1.3	41.3	
51	30.9	9.0	49.0	

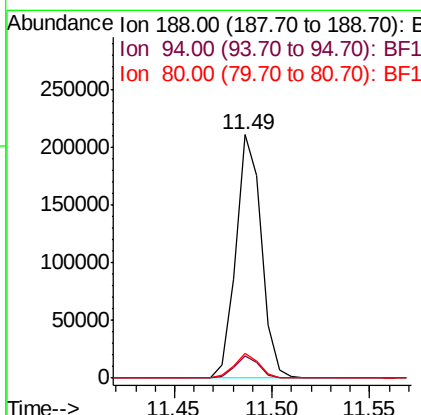
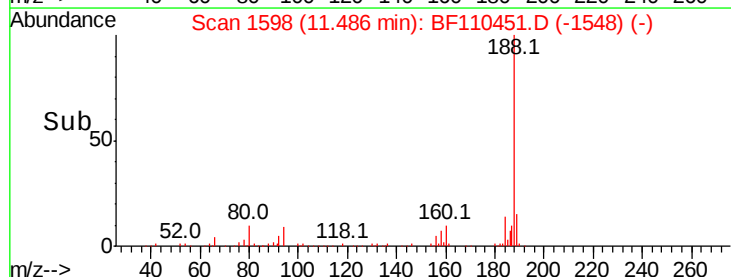
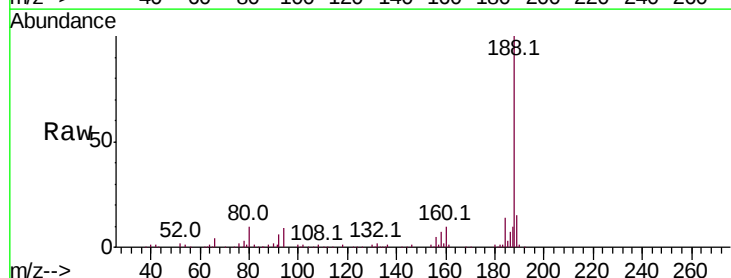
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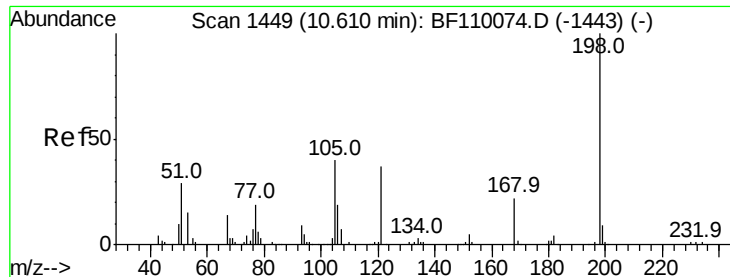
Sohil
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#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.49 min Scan# 1598
Delta R.T. -0.01 min
Lab File: BF110451.D
Acq: 3 Nov 2018 10:20

Tgt Ion	Ratio	Resp	Lower	Upper
188	100			
94	8.9	7.2	10.8	
80	10.3	7.9	11.9	





#65

4,6-Dinitro-2-methylphenol

Concen: 6.805 ng

RT: 10.60 min Scan# 1447

Delta R.T. -0.01 min

Lab File: BF110451.D

Acq: 3 Nov 2018 10:20

Instrument :

BNA_F

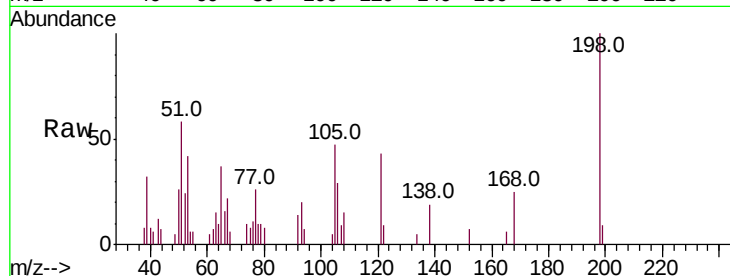
ClientSampleId :

PB114423BS

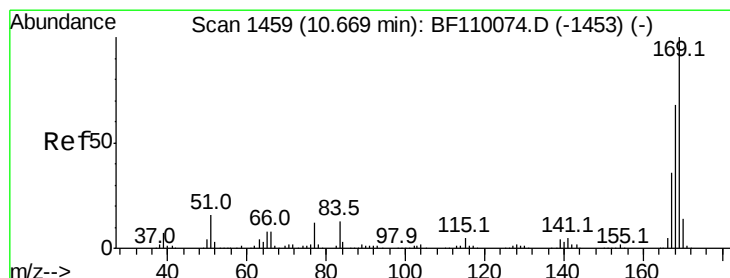
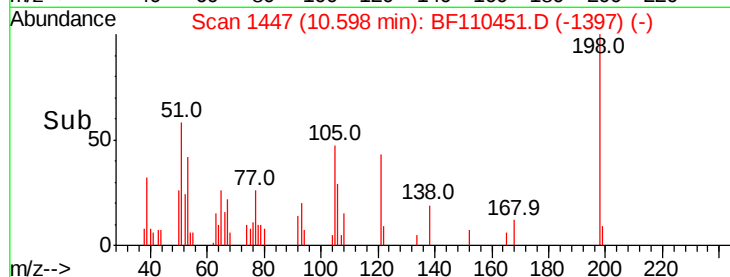
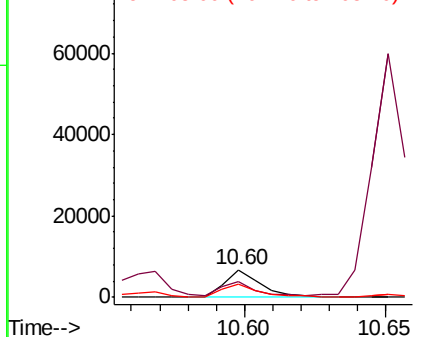
Tot Ion:	198	Resp:	5931
Ion Ratio	Lower	Upper	
198	100		
51	58.3	22.8	62.8
105	46.8	23.6	63.6

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Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BF1
Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 52.154 ng

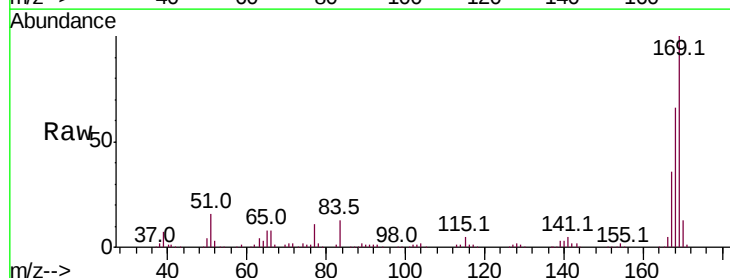
RT: 10.65 min Scan# 1456

Delta R.T. -0.01 min

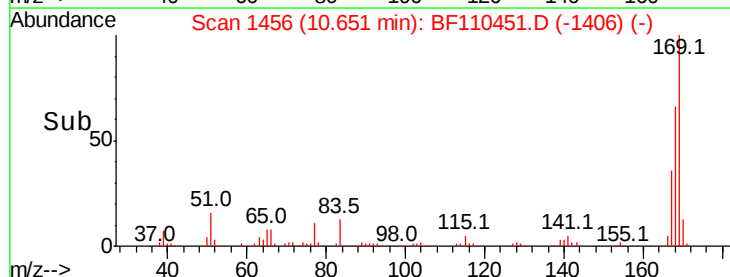
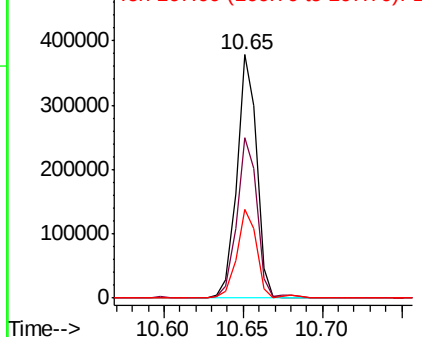
Lab File: BF110451.D

Acq: 3 Nov 2018 10:20

Tgt Ion:	169	Resp:	326357
Ion Ratio	Lower	Upper	
169	100		
168	66.1	51.2	76.8
167	36.4	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: 50.008 ng

RT: 11.03 min Scan# 1520

Delta R.T. 0.00 min

Lab File: BF110451.D

Acq: 3 Nov 2018 10:20

Instrument :

BNA_F

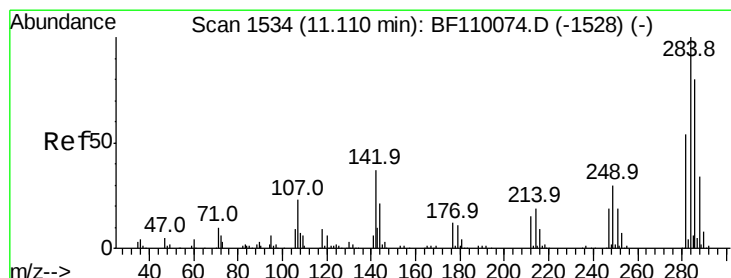
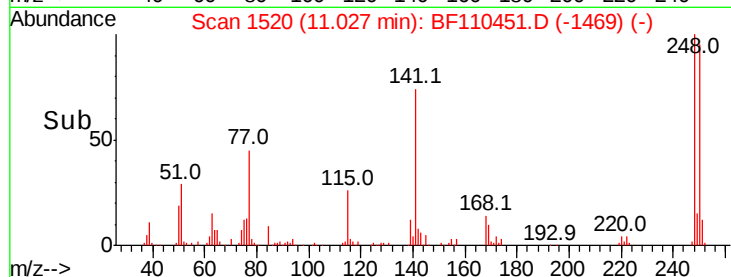
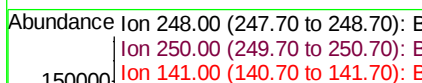
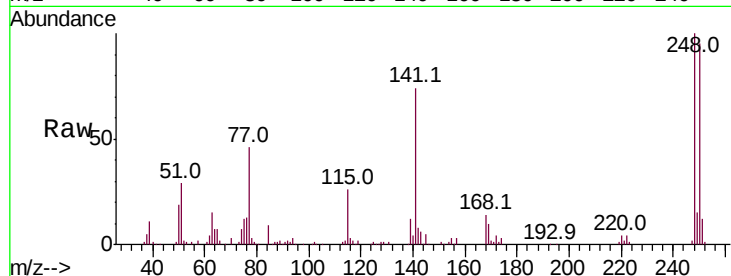
ClientSampleId :

PB114423BS

Tot Ion:	248	Resp:	103487
Ion Ratio	Lower	Upper	
248	100		
250	95.3	79.4	119.2
141	73.9	55.9	83.9

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#68

Hexachlorobenzene

Concen: 47.037 ng

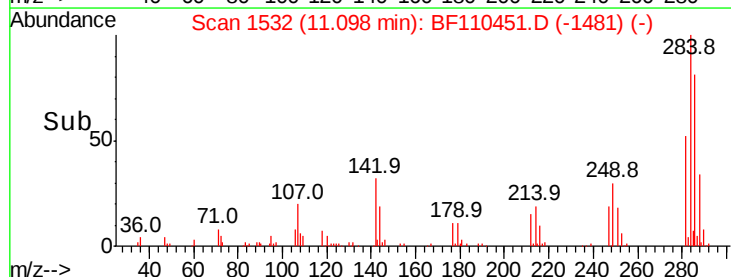
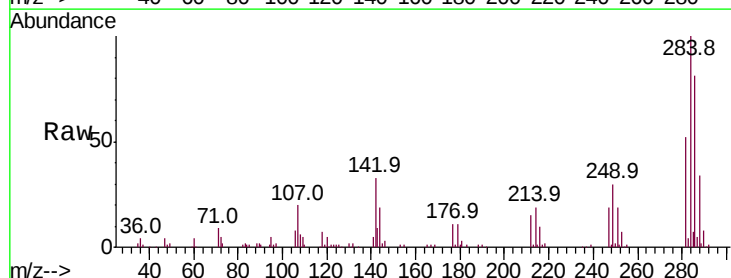
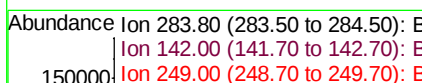
RT: 11.10 min Scan# 1532

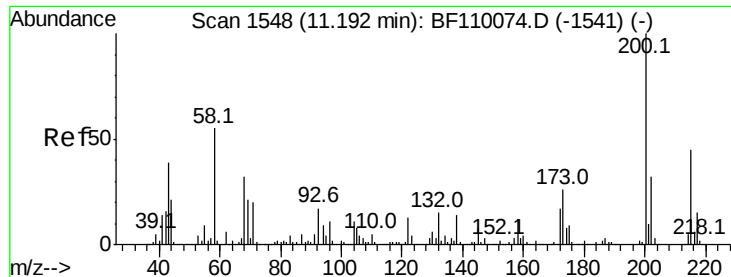
Delta R.T. 0.00 min

Lab File: BF110451.D

Acq: 3 Nov 2018 10:20

Tgt Ion:	284	Resp:	103279
Ion Ratio	Lower	Upper	
284	100		
142	33.2	23.9	35.9
249	30.2	24.2	36.2





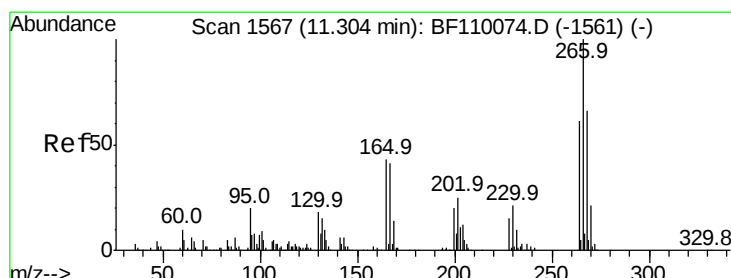
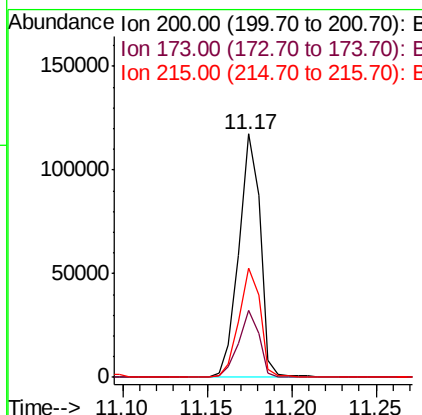
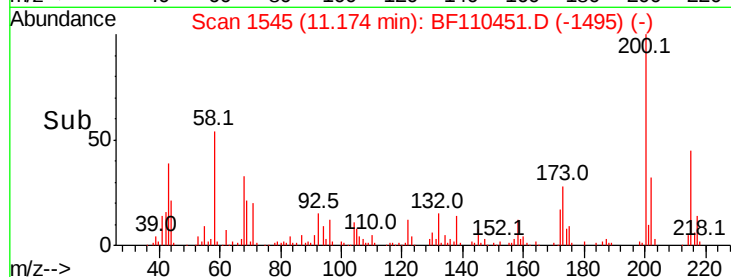
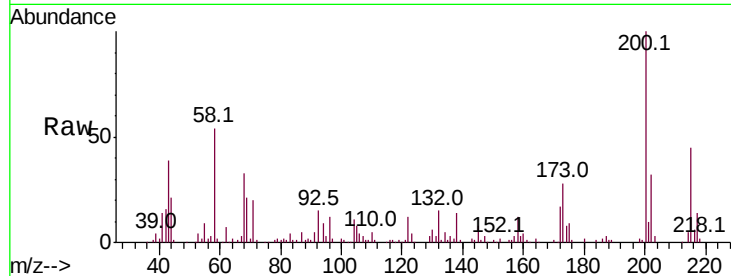
#69
Atrazine
Concen: 52.502 ng
RT: 11.17 min Scan# 1545
Delta R.T. -0.01 min
Lab File: BF110451.D
Acq: 3 Nov 2018 10:20

Instrument :
BNA_F
ClientSampleId :
PB114423BS

Tot Ion	Ratio	Lower	Upper
200	100		
173	27.6	6.6	46.6
215	44.9	26.3	66.3

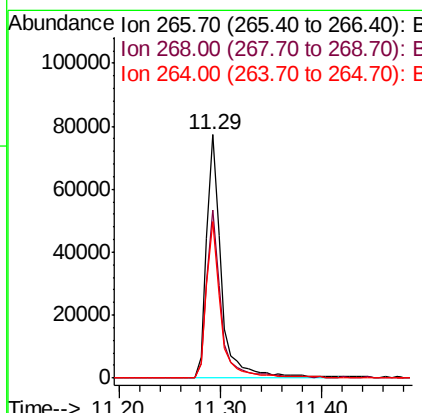
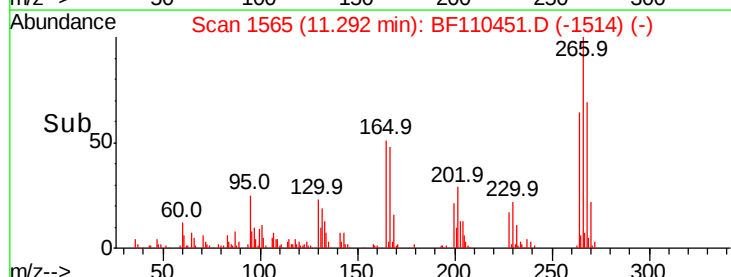
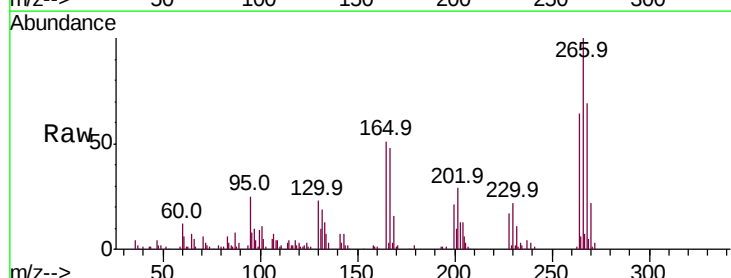
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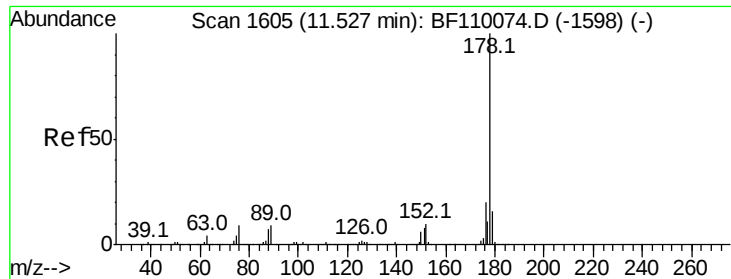
Sohil
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#70
Pentachlorophenol
Concen: 61.563 ng
RT: 11.29 min Scan# 1565
Delta R.T. 0.00 min
Lab File: BF110451.D
Acq: 3 Nov 2018 10:20

Tgt Ion	Ratio	Lower	Upper
266	100		
268	68.9	50.6	75.8
264	64.4	50.6	75.8





#71

Phenanthrene

Concen: 50.913 ng

RT: 11.52 min Scan# 1603

Delta R.T. 0.00 min

Lab File: BF110451.D

Acq: 3 Nov 2018 10:20

Instrument :

BNA_F

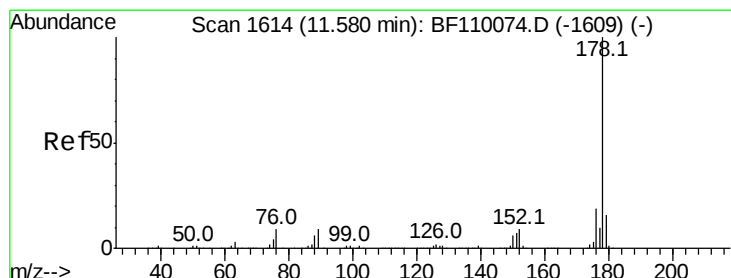
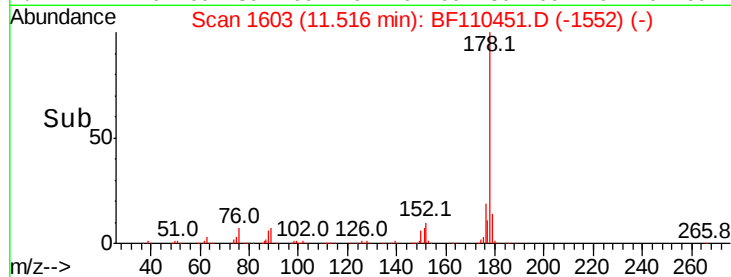
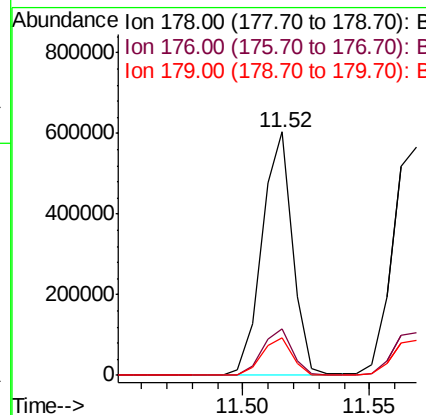
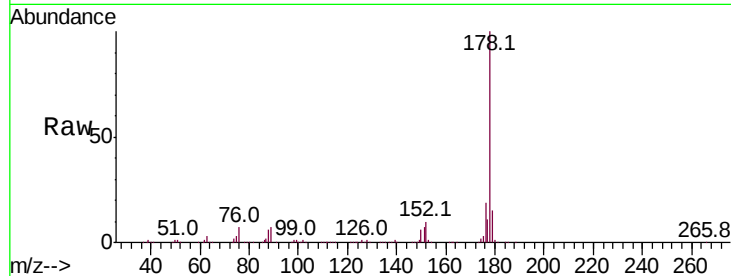
ClientSampleId :

PB114423BS

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.2	15.5	23.3
179	15.2	12.5	18.7

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#72

Anthracene

Concen: 52.263 ng

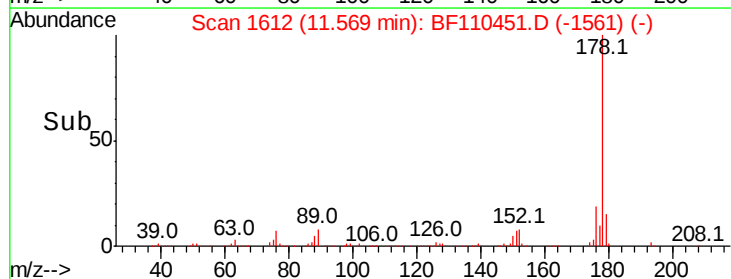
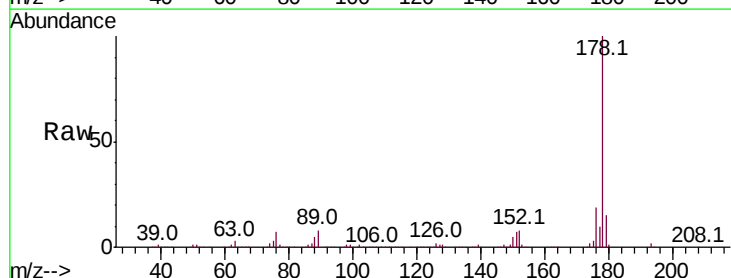
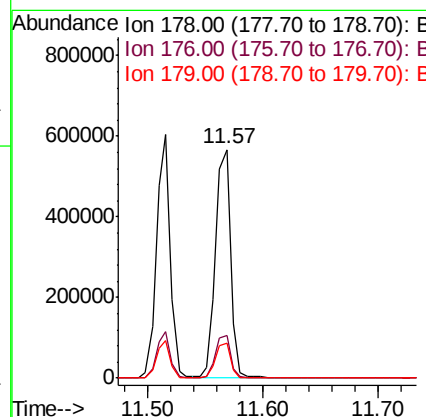
RT: 11.57 min Scan# 1612

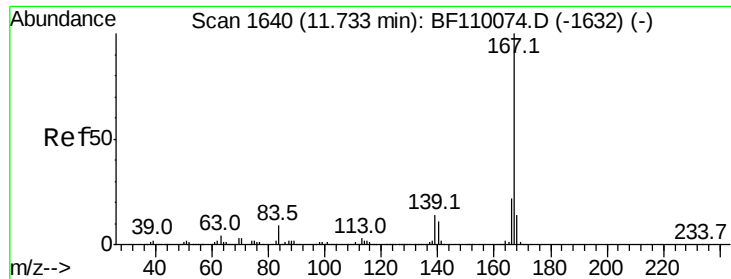
Delta R.T. 0.00 min

Lab File: BF110451.D

Acq: 3 Nov 2018 10:20

Tgt Ion	Ratio	Lower	Upper
178	100		
176	18.5	15.4	23.2
179	15.1	12.6	18.8





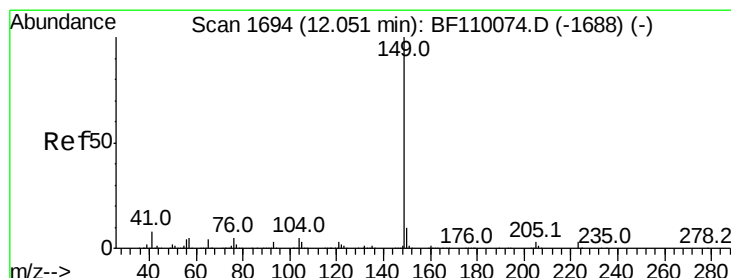
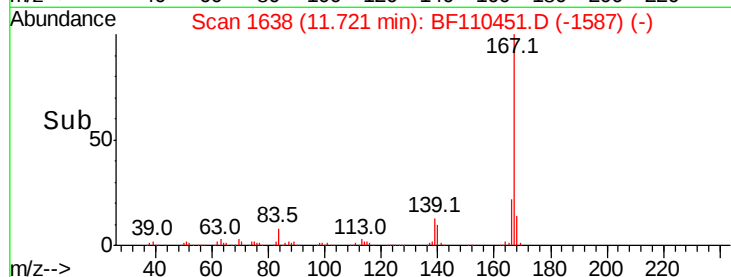
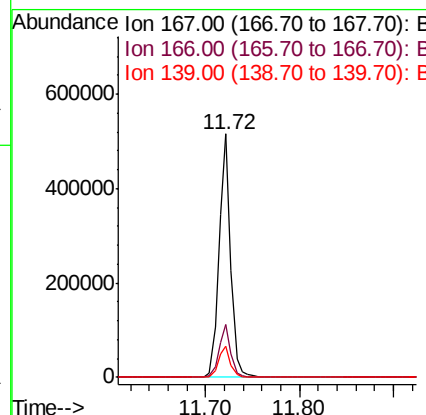
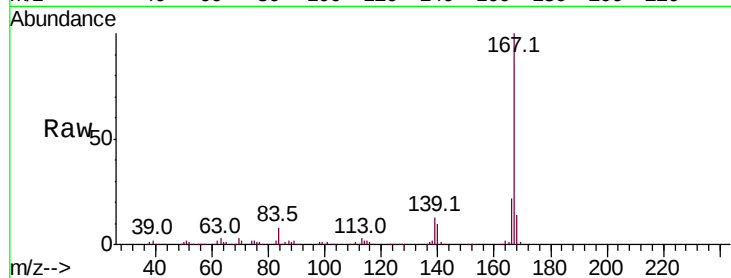
#73
 Carbazole
 Concen: 46.138 ng
 RT: 11.72 min Scan# 1638
 Delta R.T. 0.00 min
 Lab File: BF110451.D
 Acq: 3 Nov 2018 10:20

Instrument :
 BNA_F
 ClientSampleId :
 PB114423BS

Tot Ion	Ratio	Lower	Upper
167	100		
166	21.5	17.4	26.0
139	12.8	10.9	16.3

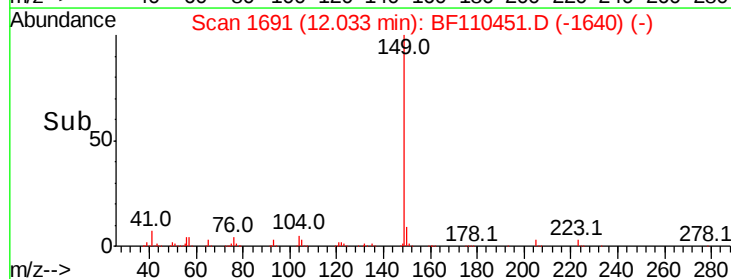
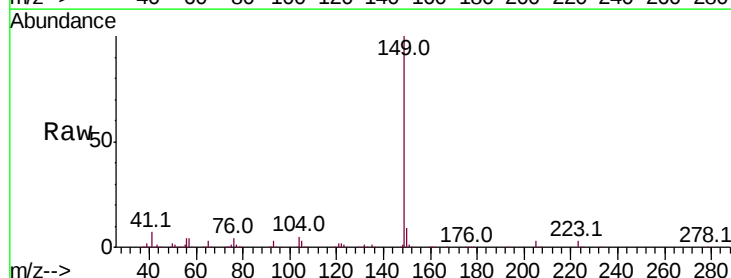
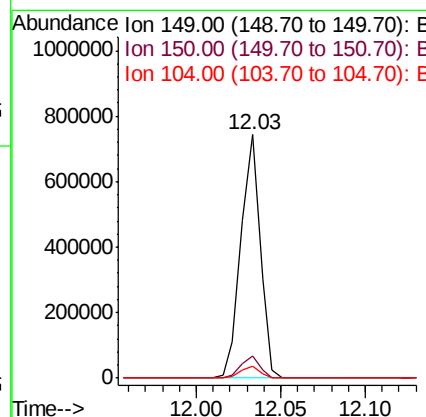
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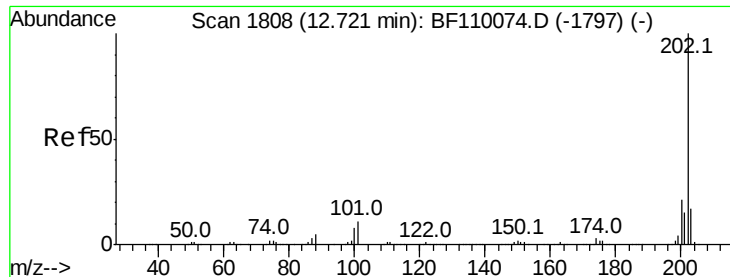
Sohil
 11/5/2018 10:32:59 AM



#74
 Di-n-butylphthalate
 Concen: 53.731 ng
 RT: 12.03 min Scan# 1691
 Delta R.T. 0.00 min
 Lab File: BF110451.D
 Acq: 3 Nov 2018 10:20

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.0	7.7	11.5
104	5.0	4.2	6.4





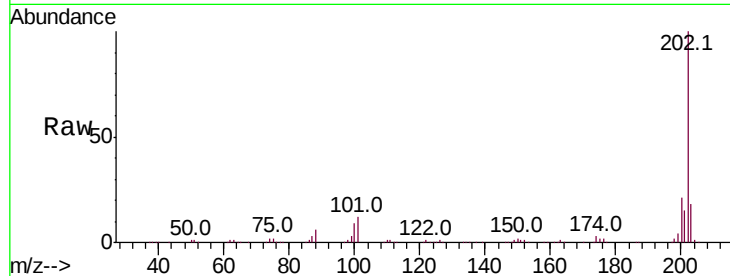
#75
 Fluoranthene
 Concen: 48.571 ng
 RT: 12.70 min Scan# 1805
 Delta R.T. -0.01 min
 Lab File: BF110451.D
 Acq: 3 Nov 2018 10:20

Instrument :
 BNA_F
 ClientSampleId :
 PB114423BS

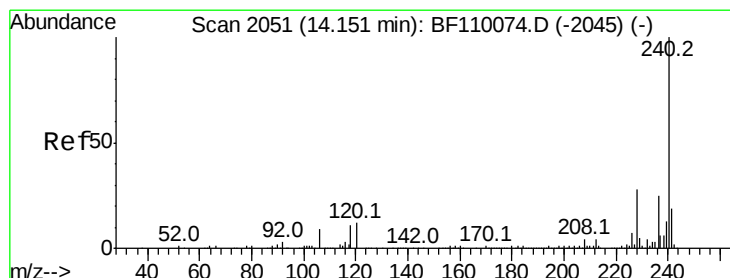
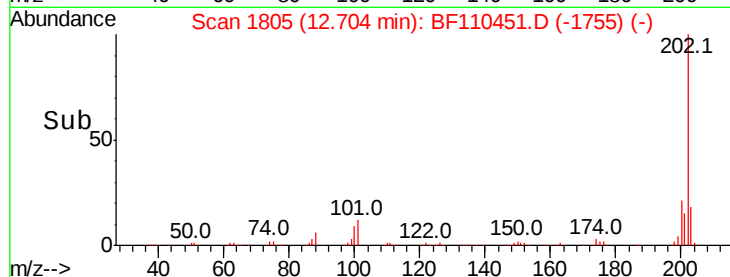
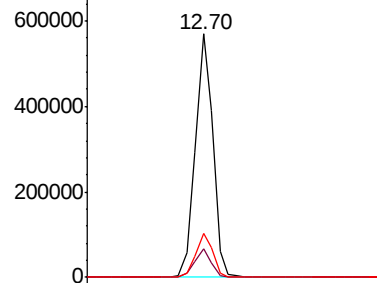
Tot Ion	Ratio	Resp Lower	Upper
202	100		
101	11.8	0.0	31.4
203	17.8	0.0	37.7

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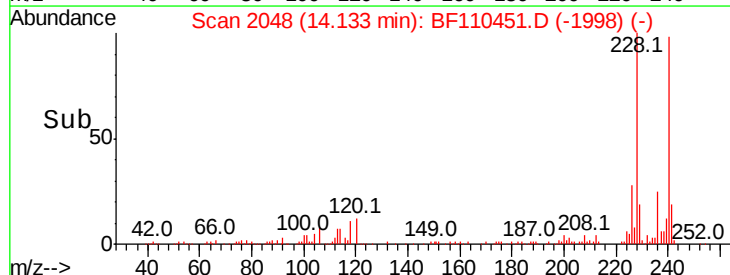
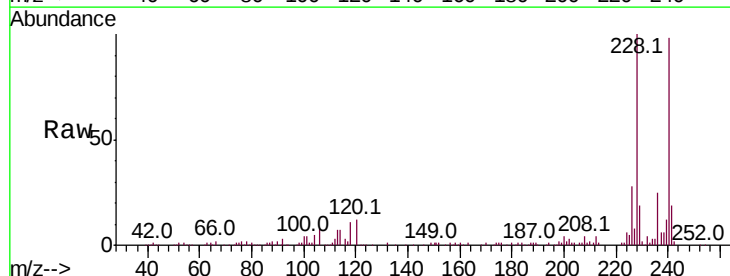
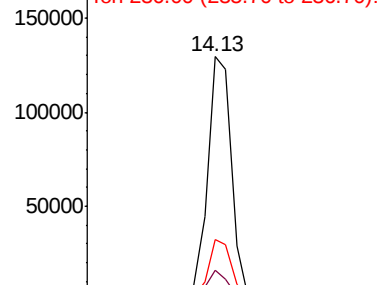
Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 101.00 (100.70 to 101.70): E
 Ion 203.00 (202.70 to 203.70): E

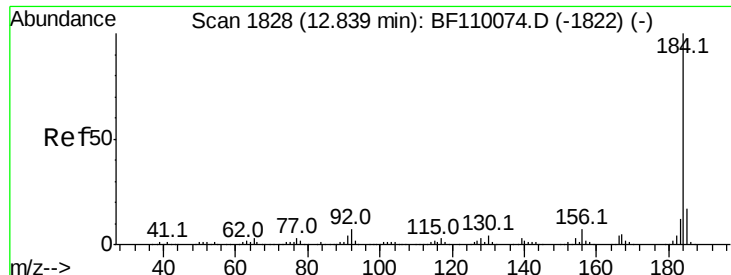


#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 14.13 min Scan# 2048
 Delta R.T. -0.01 min
 Lab File: BF110451.D
 Acq: 3 Nov 2018 10:20

Tgt Ion	Ratio	Resp Lower	Upper
240	100		
120	12.2	8.3	12.5
236	25.0	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: 12.83 min Scan# 1826

Delta R.T. 0.00 min

Lab File: BF110451.D

Acq: 3 Nov 2018 10:20

Instrument :

BNA_F

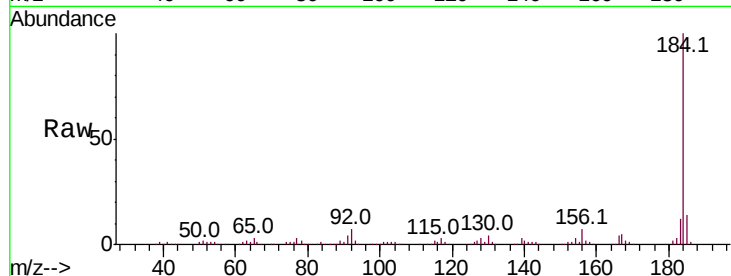
ClientSampleId :

PB114423BS

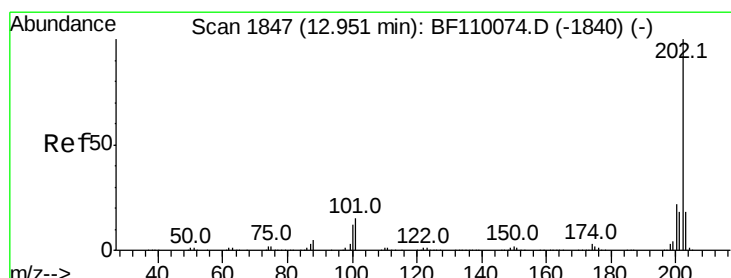
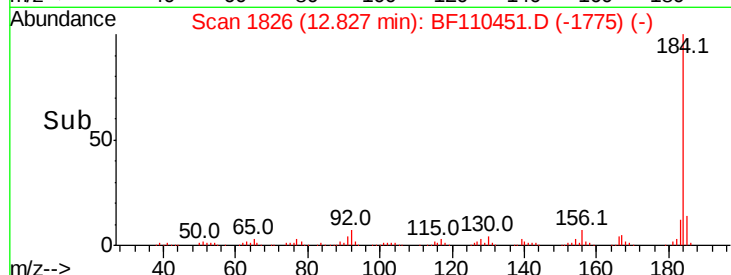
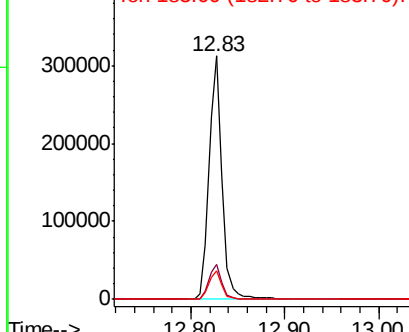
Tot Ion:	184	Resp:	306631
Ion Ratio	Lower	Upper	
184	100		
185	14.3	13.4	20.2
183	11.9	9.4	14.2

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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: 56.049 ng

RT: 12.94 min Scan# 1845

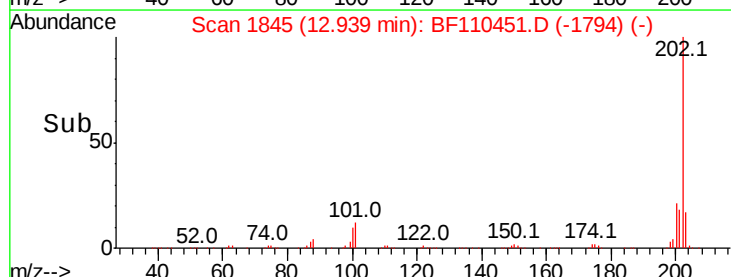
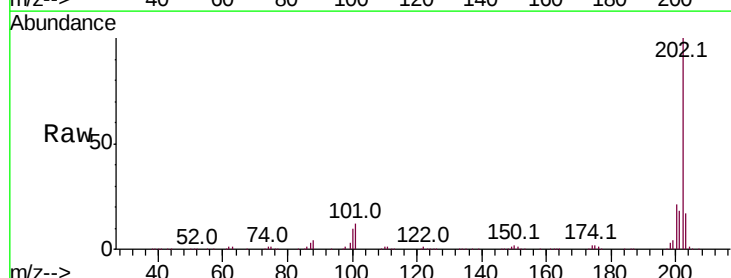
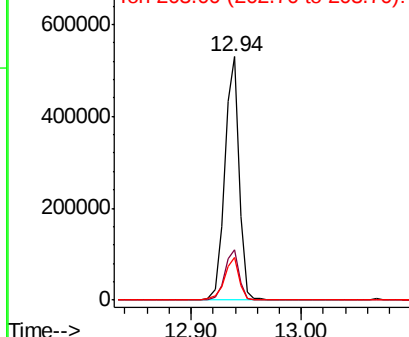
Delta R.T. 0.00 min

Lab File: BF110451.D

Acq: 3 Nov 2018 10:20

Tgt Ion:	202	Resp:	480525
Ion Ratio	Lower	Upper	
202	100		
200	20.7	17.8	26.6
203	17.4	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





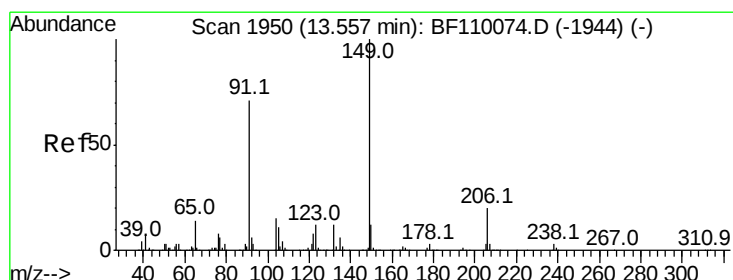
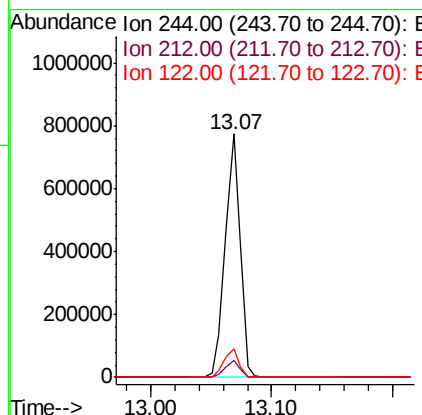
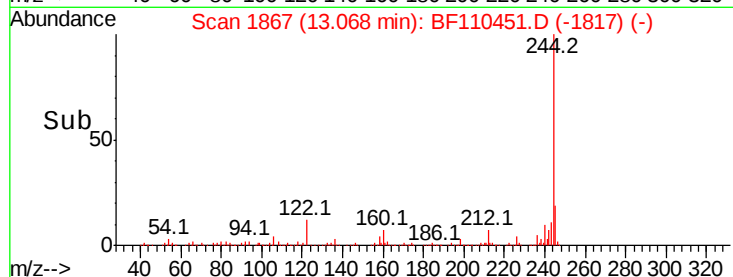
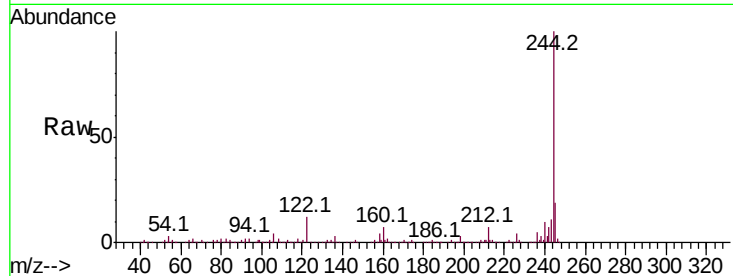
#79
 Terphenyl-d14
 Concen: 115.317 ng
 RT: 13.07 min Scan# 1867
 Delta R.T. -0.01 min
 Lab File: BF110451.D
 Acq: 3 Nov 2018 10:20

Instrument :
 BNA_F
 ClientSampleID :
 PB114423BS

Tot Ion	Ratio	Resp	Lower	Upper
244	100			
212	7.1	5.8	8.8	
122	11.9	8.7	13.1	

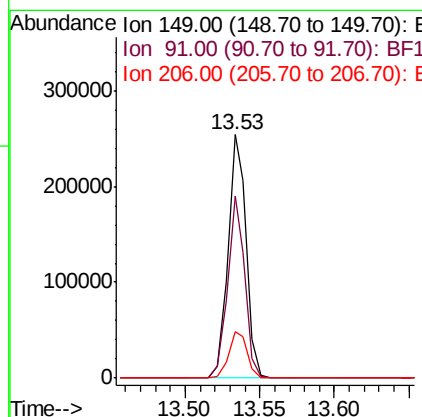
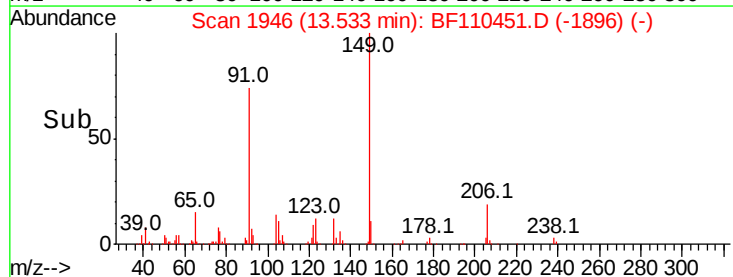
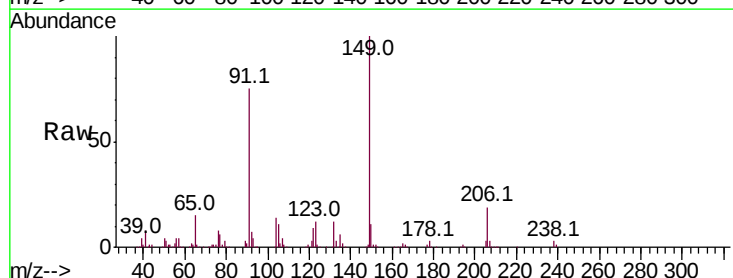
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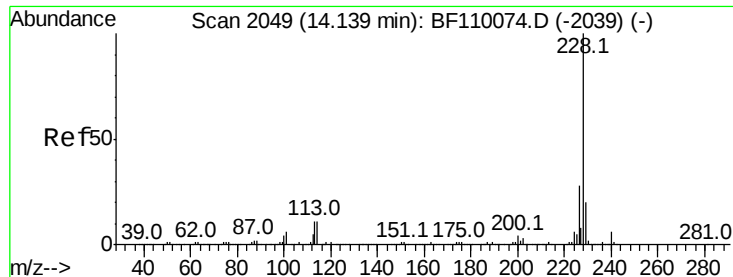
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#80
 Butylbenzylphthalate
 Concen: 58.965 ng
 RT: 13.53 min Scan# 1946
 Delta R.T. -0.01 min
 Lab File: BF110451.D
 Acq: 3 Nov 2018 10:20

Tgt Ion	Ratio	Resp	Lower	Upper
149	100			
91	74.6	57.2	85.8	
206	18.9	15.7	23.5	





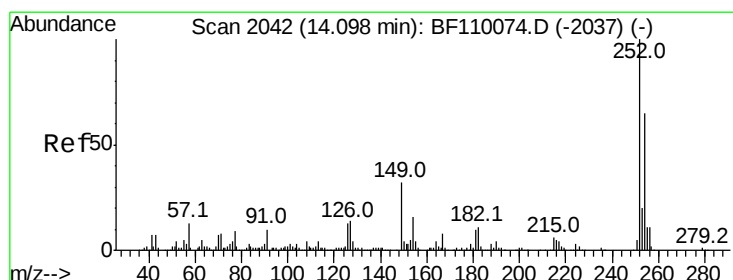
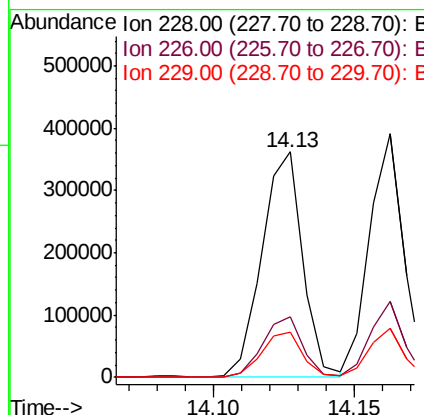
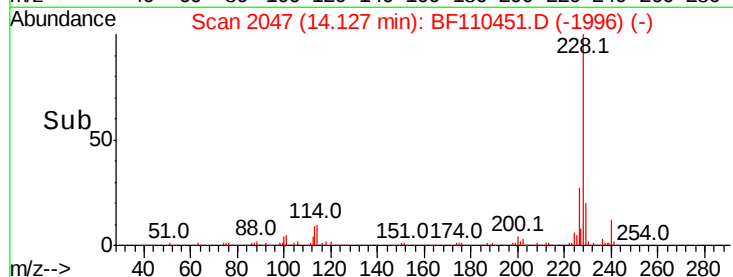
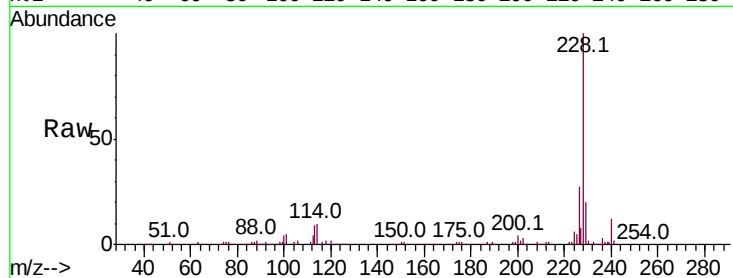
#81
Benzo(a)anthracene
Concen: 50.967 ng
RT: 14.13 min Scan# 2047
Delta R.T. 0.00 min
Lab File: BF110451.D
Acq: 3 Nov 2018 10:20

Instrument :
BNA_F
ClientSampleId :
PB114423BS

Tot Ion	Ratio	Lower	Upper
228	100		
226	27.1	22.1	33.1
229	19.9	15.6	23.4

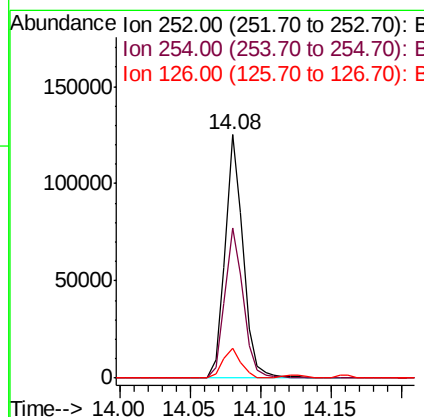
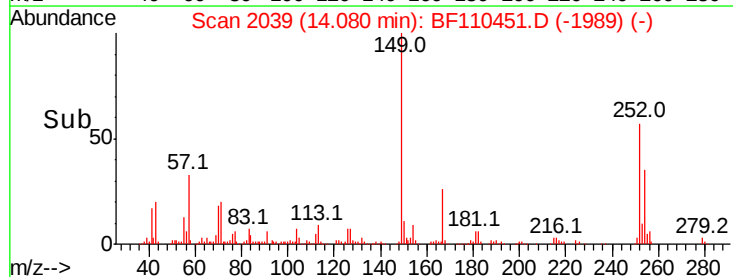
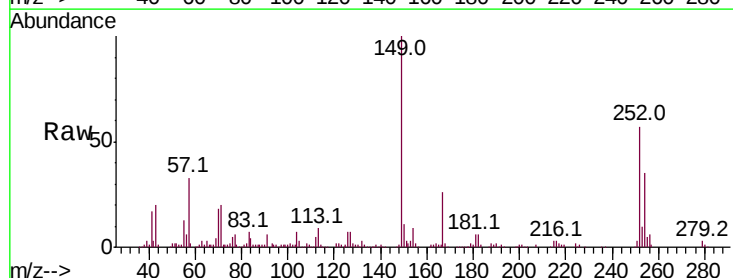
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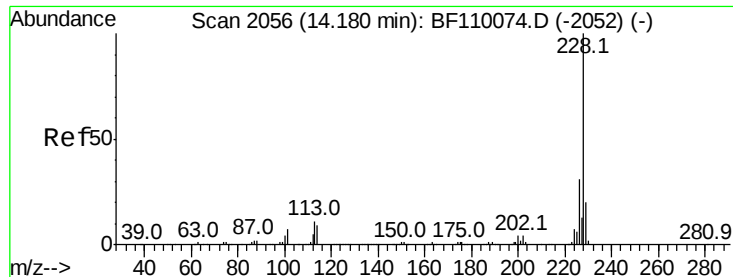
Sohil
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#82
3,3'-Dichlorobenzidine
Concen: 45.189 ng
RT: 14.08 min Scan# 2039
Delta R.T. -0.01 min
Lab File: BF110451.D
Acq: 3 Nov 2018 10:20

Tgt Ion	Ratio	Lower	Upper
252	100		
254	61.7	51.3	76.9
126	12.2	9.4	14.2





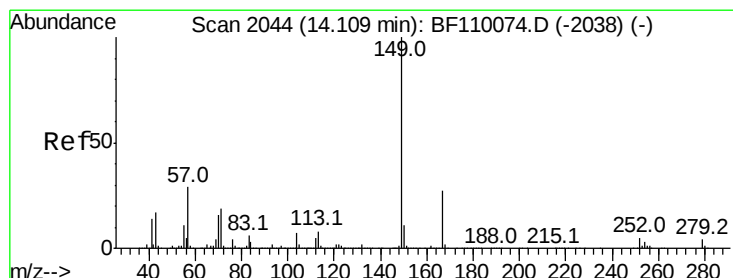
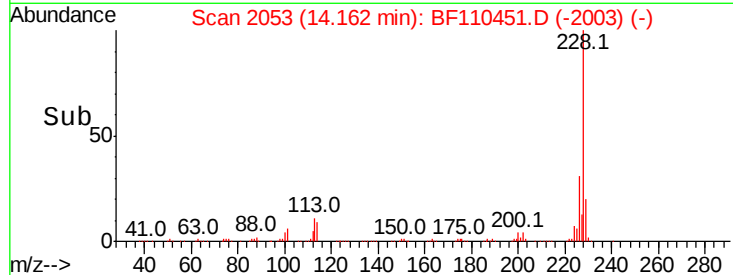
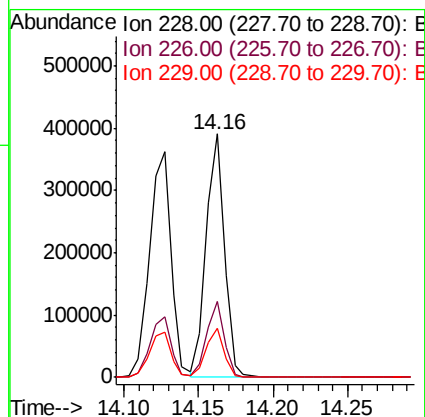
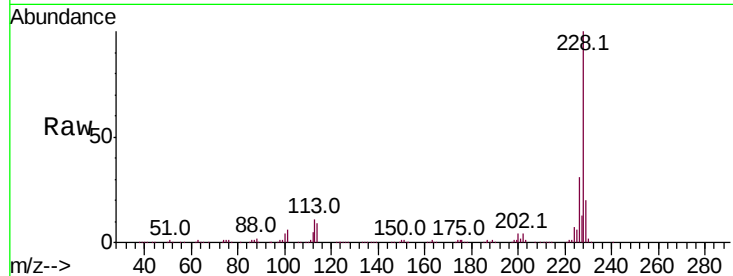
#83
 Chrvsene
 Concen: 49.082 ng
 RT: 14.16 min Scan# 2053
 Delta R.T. -0.01 min
 Lab File: BF110451.D
 Acq: 3 Nov 2018 10:20

Instrument :
 BNA_F
 ClientSampled :
 PB114423BS

Tot Ion:	228	Resp:	330601
Ion Ratio	Lower	Upper	
228	100		
226	31.0	24.7	37.1
229	20.0	15.9	23.9

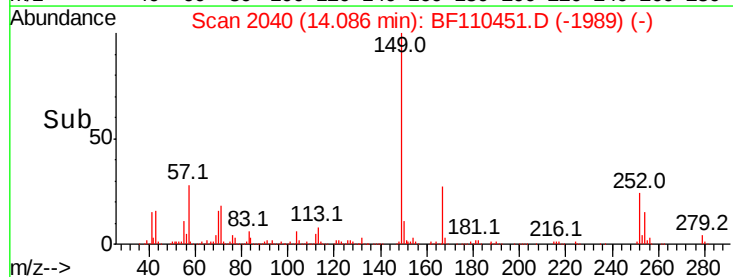
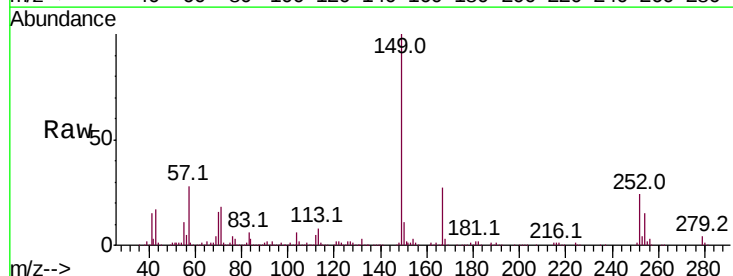
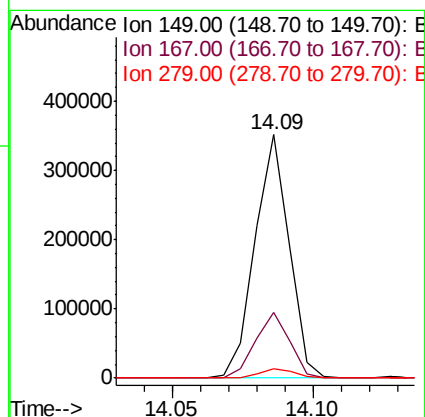
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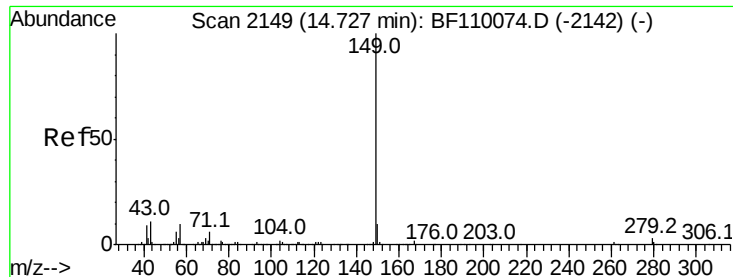
Sohil
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#84
 Bis(2-ethylhexyl)phthalate
 Concen: 58.718 ng
 RT: 14.09 min Scan# 2040
 Delta R.T. 0.00 min
 Lab File: BF110451.D
 Acq: 3 Nov 2018 10:20

Tgt Ion:	149	Resp:	295365
Ion Ratio	Lower	Upper	
149	100		
167	27.0	19.8	29.8
279	3.6	2.7	4.1





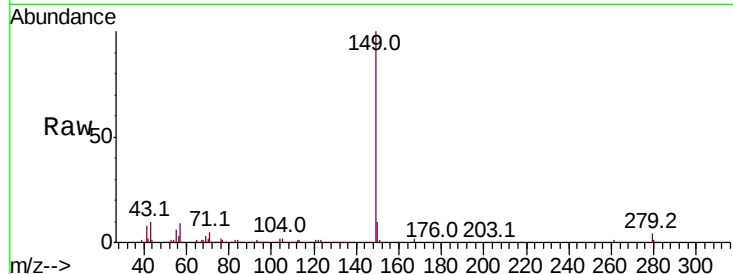
#85
Di-n-octyl phthalate
Concen: 57.927 ng
RT: 14.70 min Scan# 2145
Delta R.T. 0.00 min
Lab File: BF110451.D
Acq: 3 Nov 2018 10:20

Instrument :
BNA_F
ClientSampleId :
PB114423BS

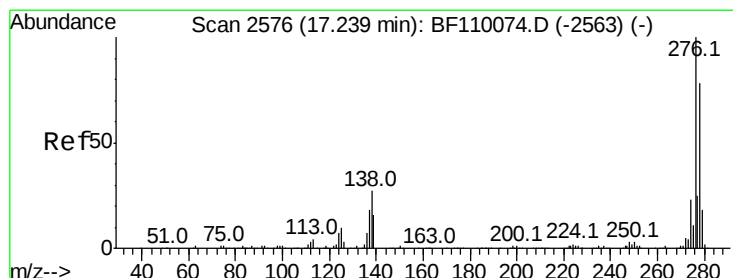
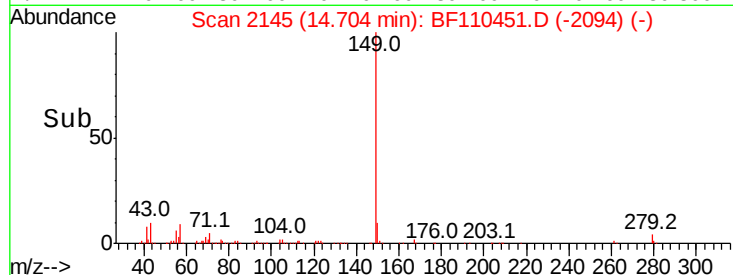
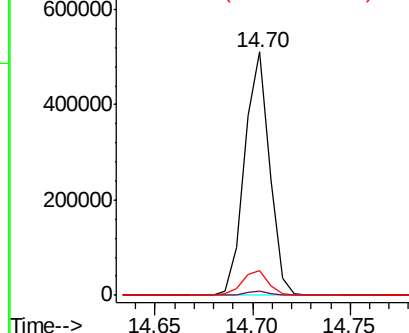
Tot Ion	Ratio	Resp	Lower	Upper
149	100			
167	1.5	1.1	1.7	
43	10.4	7.8	11.8	

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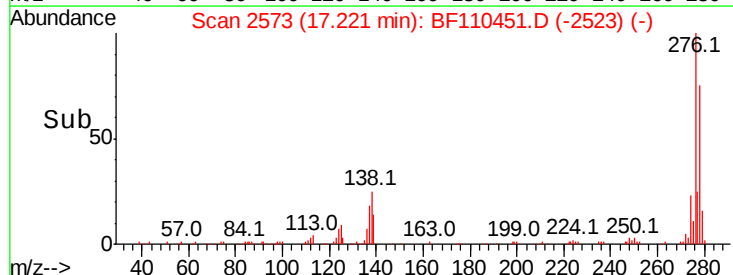
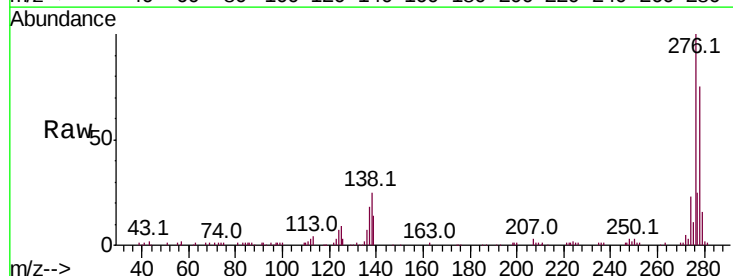
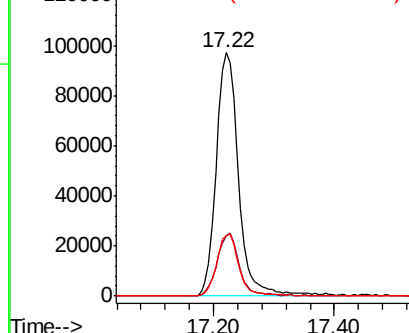
Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): BF1

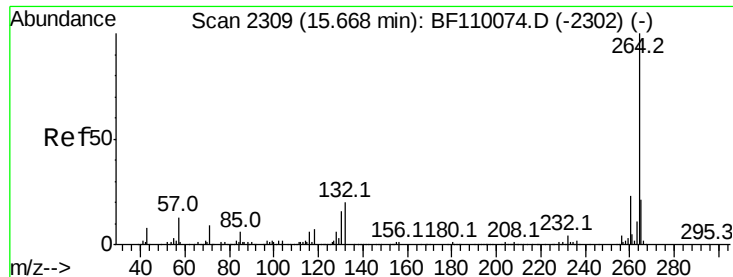


#86
Indeno(1,2,3-cd)pyrene
Concen: 44.587 ng
RT: 17.22 min Scan# 2573
Delta R.T. -0.01 min
Lab File: BF110451.D
Acq: 3 Nov 2018 10:20

Tgt Ion	Ratio	Resp	Lower	Upper
276	100			
138	25.5	18.5	27.7	
277	25.1	20.0	30.0	

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





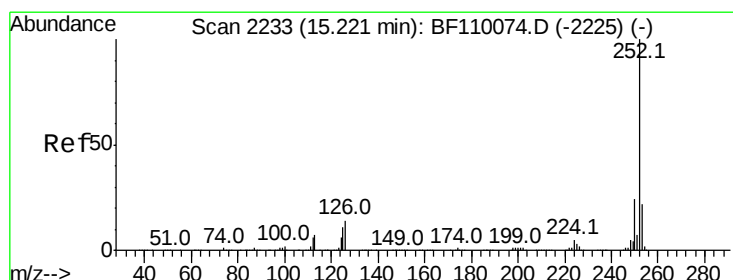
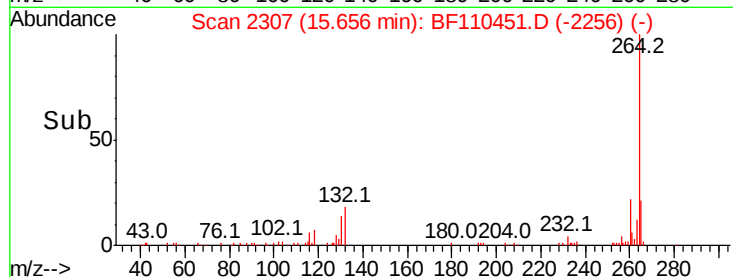
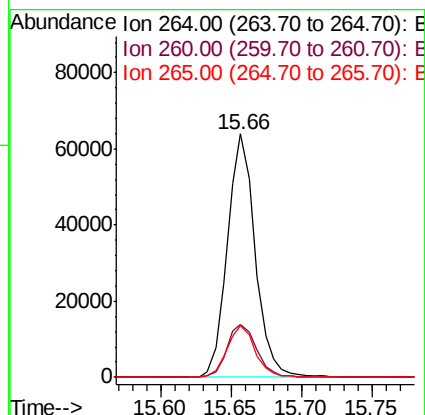
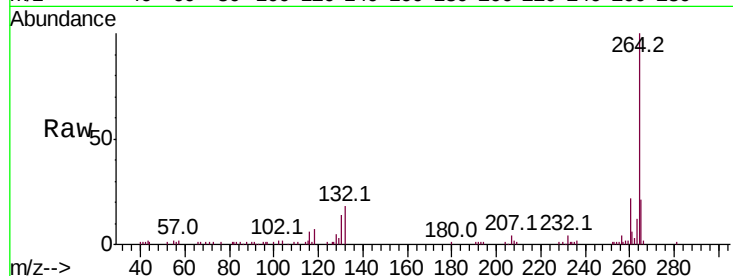
#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.66 min Scan# 2307
Delta R.T. 0.00 min
Lab File: BF110451.D
Acq: 3 Nov 2018 10:20

Instrument :
BNA_F
ClientSampleId :
PB114423BS

Tot Ion	Ratio	Lower	Upper
264	100		
260	21.8	18.7	28.1
265	21.4	16.7	25.1

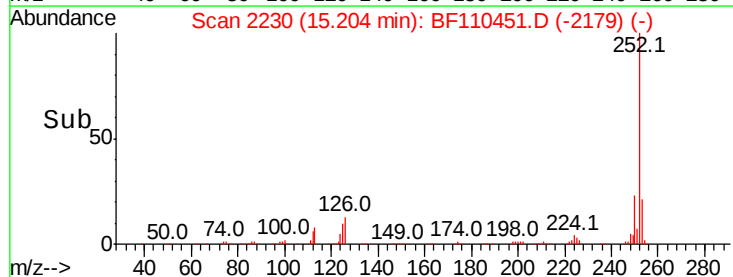
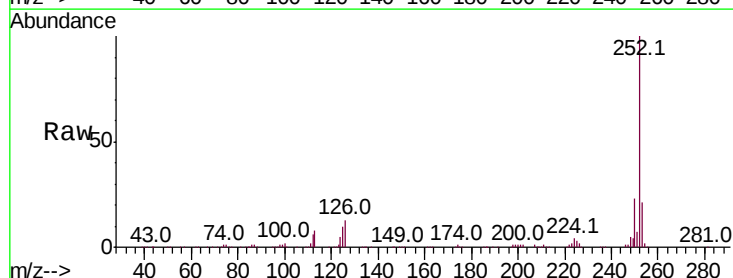
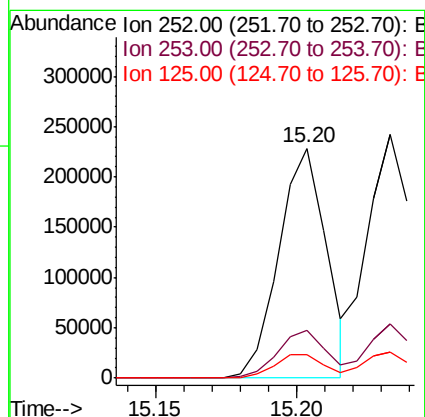
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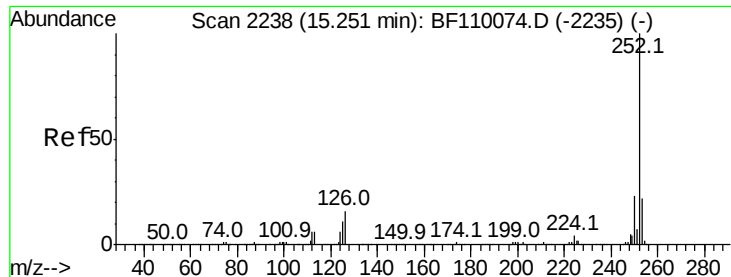
Sohil
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#88
Benzo(b)fluoranthene
Concen: 52.616 ng
RT: 15.20 min Scan# 2230
Delta R.T. 0.00 min
Lab File: BF110451.D
Acq: 3 Nov 2018 10:20

Tgt Ion	Ratio	Lower	Upper
252	100		
253	20.9	17.2	25.8
125	10.2	8.2	12.4





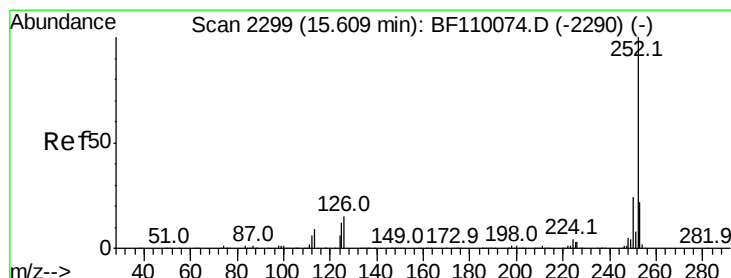
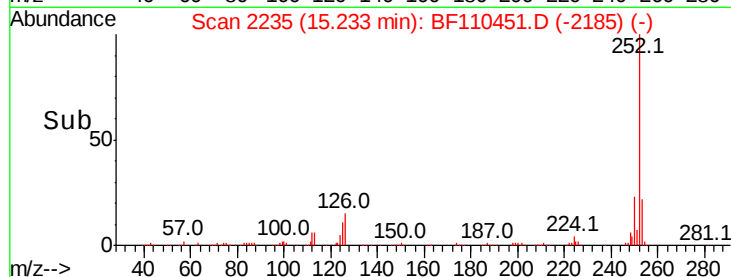
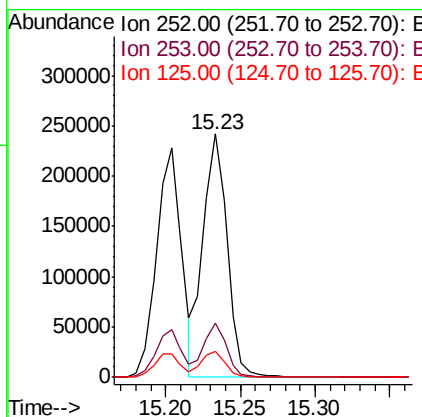
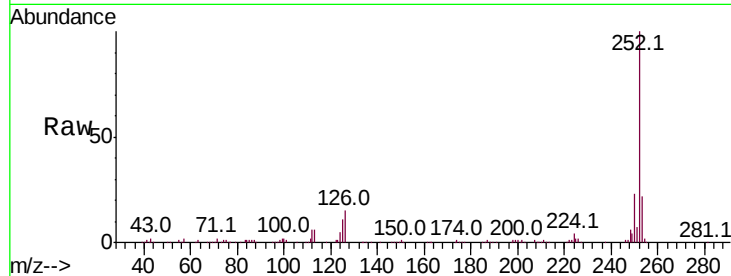
#89
Benzo(k)fluoranthene
Concen: 54.135 ng
RT: 15.23 min Scan# 2235
Delta R.T. -0.01 min
Lab File: BF110451.D
Acq: 3 Nov 2018 10:20

Instrument :
BNA_F
ClientSampleId :
PB114423BS

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

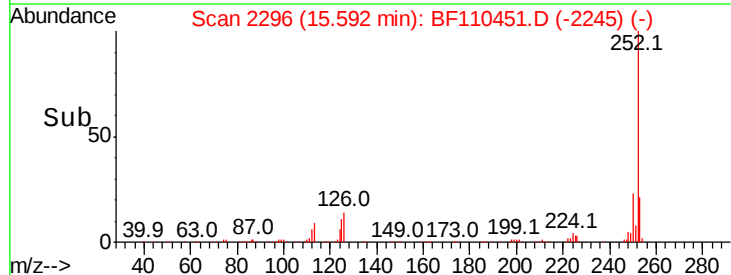
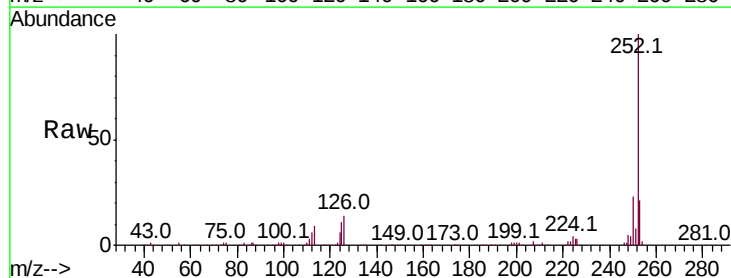
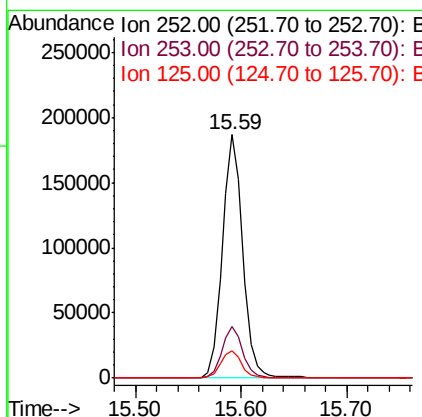
Manual Integrations
APPROVED

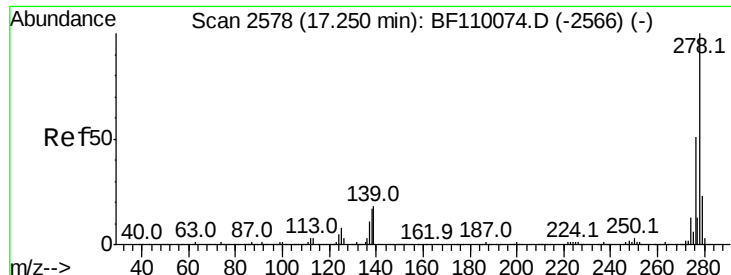
Sohil
11/5/2018 10:32:59 AM



#90
Benzo(a)pyrene
Concen: 53.722 ng
RT: 15.59 min Scan# 2296
Delta R.T. 0.00 min
Lab File: BF110451.D
Acq: 3 Nov 2018 10:20

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.3	18.2	27.4
125	11.2	9.0	13.6





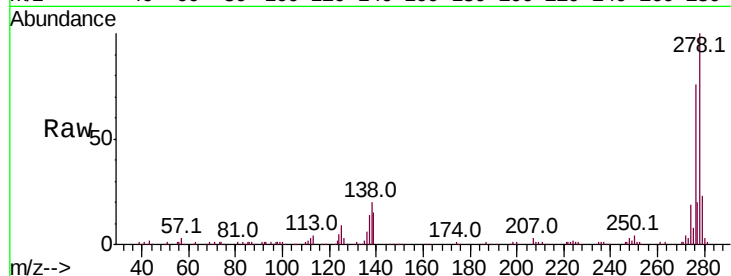
#91
Dibenzo(a,h)anthracene
Concen: 52.447 ng
RT: 17.23 min Scan# 2575
Delta R.T. -0.01 min
Lab File: BF110451.D
Acq: 3 Nov 2018 10:20

Instrument :
BNA_F
ClientSampleId :
PB114423BS

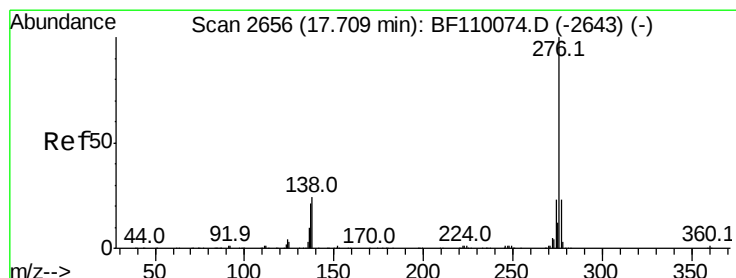
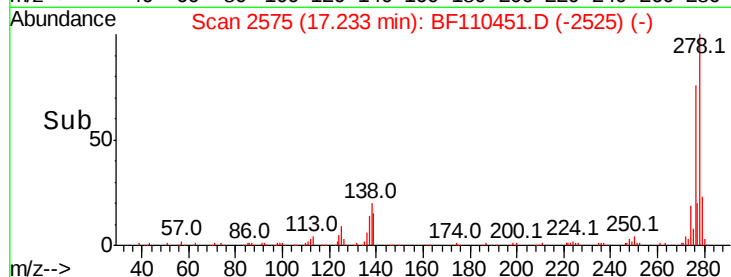
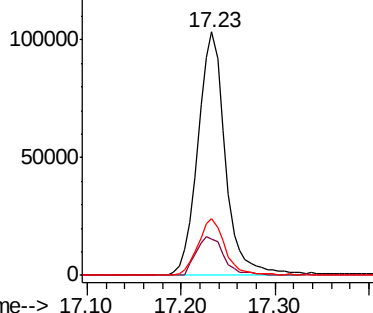
Tot Ion	Ratio	Lower	Upper
278	100		
139	14.9	12.7	19.1
279	23.3	19.0	28.4

Manual Integrations
APPROVED

Sohil
11/5/2018 10:32:59 AM

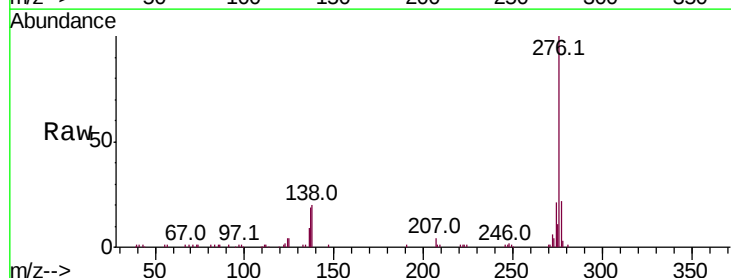


Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E



#92
Benzo(g,h,i)perylene
Concen: 50.003 ng
RT: 17.70 min Scan# 2654
Delta R.T. -0.01 min
Lab File: BF110451.D
Acq: 3 Nov 2018 10:20

Tgt Ion	Ratio	Lower	Upper
276	100		
277	21.5	18.8	28.2
138	20.4	16.0	24.0



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

